

# Export Price List

3E/11 valid from 1<sup>st</sup> of March 2018

Lifting & Handling  
Measure & Control  
Height Safety

TM

Export



# Tractel® Presentation



**Tractel®** is one of the main global manufacturers of lifting and handling equipment, load measuring products, fall protection equipment and facade access solutions. **Tractel®** is the only French manufacturer being present in all of these fields.

## **Our Mission:**

To be a global specialist of men's safety, providing solutions and services for work at height which are reliable, innovative and competitive.

The **Tractel®** group has been founded in 1941.

Today the company commercializes a complete range of products all over the world through 19 branches.

Everything has started with a simple idea – the **tirfor®** -, a universal wire rope pulling and lifting machine.

The **tirfor®** continues to be manufactured in Troyes, France.

Always attentive to its customers, **Tractel®** has developed numerous products and services famous in construction and the industry;

- **tirak™** - electric driven traction wire rope hoists
- **minifor™** - portable portable electric driven traction wire rope hoists
- **dynafor™** - range of electronic dynamometers
- **tralift™** - manual and electric chain hoists
- **travsafe™** - life lines
- **blocfor™** - fall arresters with automatic rewind
- Full body harness

Established more than **70** years ago, **Tractel®** today has significant manufacturing facilities in **Europe** (France, Germany, Poland, Spain), the **USA** (Mineapolis, Houston), **Canada** (Toronto, Montreal), **China** and **Singapore**. These facilities are supported by dedicated centres of excellence in R&D, engineering and safety standards.

Our prices are valid Ex-works (Incoterms 2010) Tractel® Saint-Hilaire factory. Minimum value per order € 100 Net. Our supplies are manufactured according to the terms shown on our order acknowledgment, a copy of which is available on request. We reserve the right to modify, without prior notice, the characteristics, the equipment, the prices and Sales Conditions of our products. Our delivery time will be indicated on our order-acknowledgment.

**All our products are meant for professional use only.**

## **SALES ORGANISATION**

### **EXPORT DEPARTMENT (sales and marketing)**

|                                       |                  |
|---------------------------------------|------------------|
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| <b>Export sales assistant</b>         | +352 434 242 652 |
| <b>Sales area manager Europe</b>      | +352 434 242 654 |
| <b>Sales agent South America</b>      | +352 434 242 652 |
| <b>Sales area manager Middle East</b> | +971 434 307 03  |
| <b>Sales area manager India</b>       | +91 222 592 5481 |
| <b>Business developer Asia</b>        | +971 434 307 03  |
| <b>Business developer Africa</b>      | +352 434 242 652 |

### **SALES ADMINISTRATION (invoicing, logistics and delivery)**

|                                             |                  |
|---------------------------------------------|------------------|
| <b>Head of department:</b> Sylvie Brie      | (33) 325 210 716 |
| Dolorès Parisotto (Middle East, Africa)     | (33) 325 210 715 |
| Florence Kerroch (Europe, South of America) | (33) 325 210 714 |
| Pauline Marcilly (Asia, Oceania)            | (33) 325 210 814 |

# GENERAL SUMMARY

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All our products are meant for professional use only.



# Manual hoist tirfor® - jockey™

tirfor® fitted with  
antirelease system

tirfor® - T508 D



tirfor® - T516 D



tirfor® - T532 D



| tirfor® T 500 RANGE                                      | 800 kg |              |               | 1600 kg |              |               | 3200 kg |              |                |         |
|----------------------------------------------------------|--------|--------------|---------------|---------|--------------|---------------|---------|--------------|----------------|---------|
|                                                          | Model  | ref.         | code          | Price € | ref.         | code          | Price € | ref.         | code           | Price € |
| • tirfor® machine with telescopic operating handle       | T508 D | 18109        | 515,00        | T516 D  | 18119        | 728,00        | T532 D  | 18129        | 1162,00        |         |
| • 20 m* long wire rope on reeler                         | C8     | 1959         | 115,00        | C12     | 2059         | 165,00        | C16     | 2379         | 260,00         |         |
|                                                          | 0      | 889          | 16,00         | 1       | 909          | 19,20         | 2       | 939          | 20,30          |         |
| <b>Price standard equipment (with 20 m of wire rope)</b> |        | <b>58329</b> | <b>630,00</b> |         | <b>58439</b> | <b>920,00</b> |         | <b>58519</b> | <b>1435,00</b> |         |
| • Extra meter wire rope                                  |        | 17401        | 4,60          |         | 4181         | 6,20          |         | 4191         | 9,20           |         |
| • Safety shear pin, the unit                             |        | 29506        | 0,71          |         | 29516        | 0,40          |         | 41206        | 2,40           |         |

tirfor® fitted with  
antirelease system

tirfor® - TU 8



tirfor® - TU 16



tirfor® - TU 32



| tirfor® T 500 RANGE                                      | 800 kg |              |               | 1600 kg |              |                | 3200 kg |              |                |         |
|----------------------------------------------------------|--------|--------------|---------------|---------|--------------|----------------|---------|--------------|----------------|---------|
|                                                          | Model  | ref.         | code          | Price € | ref.         | code           | Price € | ref.         | code           | Price € |
| • tirfor® machine with telescopic operating handle       | TU 8   | 18009        | 706,00        | TU 16   | 18029        | 1003,00        | TU 32   | 18039        | 1662,00        |         |
| • 20 m* long wire rope on reeler                         | C8     | 1959         | 115,00        | C12     | 2059         | 165,00         | C16     | 2379         | 260,00         |         |
|                                                          | 0      | 889          | 16,00         | 1       | 909          | 19,20          | 2       | 939          | 20,30          |         |
| <b>Price standard equipment (with 20 m of wire rope)</b> |        | <b>58279</b> | <b>835,00</b> |         | <b>58379</b> | <b>1168,00</b> |         | <b>58479</b> | <b>1960,00</b> |         |
| • Extra meter wire rope                                  |        | 17401        | 4,60          |         | 4181         | 6,20           |         | 4191         | 9,20           |         |
| • Safety shear pin, the unit                             |        | 8836         | 0,40          |         | 8836         | 0,40           |         | 6866         | 2,70           |         |

jockey™ - 300 kg



J5 - 500 kg



Pulley A03



| jockey™                                                                   | 300 kg  |      |        | 500 kg  |      |        |         |      |      |         |
|---------------------------------------------------------------------------|---------|------|--------|---------|------|--------|---------|------|------|---------|
|                                                                           | Model   | ref. | code   | Price € | ref. | code   | Price € | ref. | code | Price € |
| • Machine with operating handle, 10 m of wire rope and 2 slings           | jockey™ | 5469 | 294,00 | J5      | 5479 | 481,00 |         |      |      |         |
| • Machine with operating handle (without wire rope) 2 slings + A03 pulley |         |      |        | J5 M    | 5489 | 513,00 |         |      |      |         |
| <b>A03 pulley</b>                                                         |         |      |        |         |      |        |         | A03  | 7479 | 101,00  |

\* Unless otherwise specified tirfor® machines are supplied with 20 m long standard length wire rope - see price p. 8

Pulleys: see pages 75 to 83

General sales and service conditions pages 210 and 211

# Wire ropes, reels and drums

## Wire ropes Tractel®

| Wire rope Ø 8.3, 11.5 and 16.3 mm. Standard length 20 m. Other lengths available by multiple of 5 m. |                |         |           |         |                  |         |           |         |                  |         |           |         |
|------------------------------------------------------------------------------------------------------|----------------|---------|-----------|---------|------------------|---------|-----------|---------|------------------|---------|-----------|---------|
| wire rope type                                                                                       | C8             |         |           |         | C12              |         |           |         | C16              |         |           |         |
| Ø wire rope (mm)                                                                                     | 8.3            |         |           |         | 11.5             |         |           |         | 16.3             |         |           |         |
| For machine                                                                                          | T-7/TU-8/T-508 |         |           |         | T-13/TU-16/T-516 |         |           |         | T-35/TU-32/T-532 |         |           |         |
|                                                                                                      | Not equipped   |         | with hook |         | Not equipped     |         | with hook |         | Not equipped     |         | with hook |         |
| Length                                                                                               | Code           | Price € | Code      | Price € | Code             | Price € | Code      | Price € | Code             | Price € | Code      | Price € |
| 10                                                                                                   | 20569          | 57,00   | 1939      | 73,00   | 60719            | 82,90   | 2039      | 106,00  | 61089            | 129,00  | 2359      | 175,00  |
| 15                                                                                                   | 54129          | 75,00   | 1949      | 96,00   | 60729            | 116,00  | 2049      | 137,00  | 61099            | 174,00  | 2369      | 220,00  |
| 20                                                                                                   | 20589          | 98,00   | 1959      | 115,00  | 60739            | 151,00  | 2059      | 165,00  | 61109            | 231,00  | 2379      | 260,00  |
| 25                                                                                                   | 20599          | 117,00  | 1969      | 138,00  | 60749            | 183,00  | 2069      | 196,00  | 61119            | 276,00  | 2389      | 305,00  |
| 30                                                                                                   | 20609          | 139,00  | 1979      | 161,00  | 60759            | 218,00  | 2079      | 227,00  | 61129            | 321,00  | 2399      | 350,00  |
| 35                                                                                                   | 20619          | 162,00  | 61309     | 184,00  | 199659           | 250,00  | 60639     | 270,00  | 61139            | 366,00  | 60819     | 395,00  |
| 40                                                                                                   | 20629          | 185,00  | 1989      | 207,00  | 60769            | 285,00  | 2099      | 289,00  | 61149            | 411,00  | 2409      | 440,00  |
| 45                                                                                                   | 199639         | 208,00  | 61319     | 230,00  | 60779            | 302,00  | 60649     | 320,00  | 199679           | 465,00  | 60829     | 485,00  |
| 50                                                                                                   | 54199          | 231,00  | 1999      | 253,00  | 60789            | 333,00  | 2119      | 351,00  | 61159            | 501,00  | 2419      | 530,00  |
| 55                                                                                                   | 199649         | 254,00  | 61329     | 276,00  | 199669           | 380,00  | 60659     | 391,00  | 199689           | 555,00  | 60839     | 575,00  |
| 60                                                                                                   | 20659          | 277,00  | 2009      | 299,00  | 60799            | 395,00  | 2139      | 413,00  | 61169            | 591,00  | 2429      | 620,00  |
| Extra m.                                                                                             | 17401          | 4,60    | 17401     | 4,60    | 4187             | 6,20    | 4181      | 6,20    | 4191             | 9,20    | 4191      | 9,20    |

\* Prices are subject to change without prior notice

| WIRE ROPE* ON REELERS/DRUMS. Std length 10 m. Other lengths available by multiple of 5 m. |         |          |        |           |
|-------------------------------------------------------------------------------------------|---------|----------|--------|-----------|
| Wire rope type                                                                            | J       |          | K      |           |
| Ø wire rope (mm)                                                                          | 4.7     |          | 6.5    |           |
| For machine                                                                               | jockey™ |          | J 5    |           |
| Length                                                                                    | Code    | Price €* | Code   | Price €** |
| 10                                                                                        | 5839    | 64,00    | 7429   | 88,00     |
| 15                                                                                        | 4029    | 64,00    | 7419   | 111,00    |
| 20                                                                                        | 4039    | 81,00    | 7439   | 135,00    |
| 25                                                                                        | 4049    | 88,00    | 7449   | 155,00    |
| 30                                                                                        | 4059    | 99,00    | 7489   | 177,00    |
| 35                                                                                        | 4069    | 110,00   | 7499   | 206,00    |
| 40                                                                                        | 4129    | 122,00   | 7509   | 227,00    |
| 45                                                                                        | 4139    | 131,00   | 7519   | 255,00    |
| 50                                                                                        | 4149    | 147,00   | 7529   | 270,00    |
| 55                                                                                        | 199619  | 156,50   | 199629 | 315,50    |
| 60                                                                                        | 4159    | 168,00   | 7539   | 315,00    |
| Extra m.                                                                                  | 5021    | 2,30     | 17361  | 5,30      |

\* tirfor® wire ropes are equipped with a safety hook with sleeve clamped on galvanised thimble

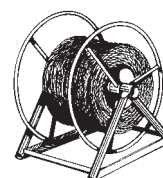
\*\* Prices are subject to change without prior notice

| REELERS AND DRUMS FOR TIRFOR® WIRE ROPES |                         |                 |               |       |         |
|------------------------------------------|-------------------------|-----------------|---------------|-------|---------|
| Model                                    | wire rope capacity* (m) |                 |               | code  | Price € |
|                                          | C8 - Ø 8.3 mm           | C12 - Ø 11.5 mm | C16 - 16.3 mm |       |         |
| Reel No. 0                               | up to 25 m              |                 |               | 889   | 16,00   |
| Reel No. 1                               | 26 - 50                 | up to 25 m      |               | 909   | 19,20   |
| Reel No. 2                               | 51 - 75                 | 26 - 50         | up to 25 m    | 939   | 20,30   |
| Reel No. 3                               | 75 - 100                | 51 - 120        | 26 - 60       | 899   | 26,20   |
| Drum No. 200                             | 76 - 150                | 51 - 75         | 26 - 50       | 878   | 174,00  |
| Drum No. 300                             | 151 - 200               | 76 - 150        | 51 - 75       | 868   | 195,00  |
| Drum No. 400                             | 201 - 300               | 151 - 200       | 76 - 100      | 858   | 222,00  |
| Drum No. A41                             |                         | up to 200       | up to 100     | 44878 | 644,00  |

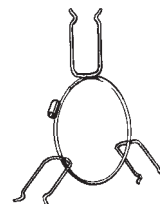
Wire rope on reeler



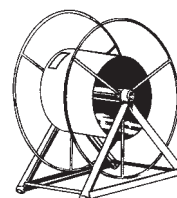
Optional wire rope on drum



Reel



Drum





# Manual chain hoist

## tralift™



- Range: 250 to 20 000 kg
- Compact and robust
- Simple maintenance
- High efficiency gearing

- Secure braking device
- Optimised chain guide
- High resistance chain and spurs

without load limiter

| tralift™ chain hoists - without load limiter - anti-corrosion treated chain |                 |                               |        |         |        |         |        |         |        |         |                                             |         |
|-----------------------------------------------------------------------------|-----------------|-------------------------------|--------|---------|--------|---------|--------|---------|--------|---------|---------------------------------------------|---------|
| W.L.L.<br>(t)                                                               | number of falls | weight with 3 m of chain (kg) | 3 m    |         | 4 m    |         | 5 m    |         | 6 m    |         | per meters for extra lifting + labour costs |         |
|                                                                             |                 |                               | code   | Price € | code   | Price € | code   | Price € | code   | Price € | code                                        | Price € |
| 0.25                                                                        | 1               | 3.2                           | 75769  | 148,00  | -      | -       | -      | -       | 75779  | 218,00  | -                                           | -       |
| 0.5                                                                         | 1               | 9.5                           | 222239 | 166,00  | 222329 | 239,00  | 222419 | 268,00  | 222509 | 241,00  | 25377                                       | 25,00   |
| 1                                                                           | 1               | 11.5                          | 222249 | 203,00  | 222339 | 285,00  | 222429 | 317,00  | 222519 | 287,00  | 25387                                       | 28,00   |
| 1.5                                                                         | 1               | 16.7                          | 222259 | 241,00  | 222349 | 355,00  | 222439 | 401,00  | 222529 | 346,00  | 25397                                       | 35,00   |
| 2                                                                           | 2               | 14.6                          | 222269 | 320,00  | 222359 | 479,00  | 222449 | 534,00  | 222539 | 452,00  | 25407                                       | 44,00   |
| 2                                                                           | 1               | 18                            | 222279 | 410,00  | 222369 | 474,00  | 222459 | 522,00  | 222549 | 571,00  | 25397                                       | 35,00   |
| 3                                                                           | 2               | 21.2                          | 222289 | 472,00  | 222379 | 560,00  | 222469 | 675,00  | 222559 | 745,00  | 25417                                       | 65,00   |
| 5                                                                           | 2               | 41.8                          | 222299 | 844,00  | 222389 | 974,00  | 222479 | 1089,00 | 222569 | 1205,00 | 25427                                       | 79,00   |
| 10                                                                          | 4               | 81.7                          | 222309 | 2032,00 | 222399 | 2255,00 | 222489 | 2476,00 | 222579 | 2699,00 | 25437                                       | 161,00  |
| 20                                                                          | 8               | 173                           | 222319 | 3717,00 | 222409 | 4165,00 | 222499 | 4544,00 | 222589 | 4995,00 | 25447                                       | 334,00  |
| Zinc plated hand chain                                                      |                 |                               | 213067 |         | 10,19  |         |        |         |        |         |                                             |         |

Option: chain bag, see next page

with load limiter

| tralift™ chain hoists - without load limiter - anti-corrosion treated chain |                 |                               |        |         |        |         |        |         |        |         |                                             |         |
|-----------------------------------------------------------------------------|-----------------|-------------------------------|--------|---------|--------|---------|--------|---------|--------|---------|---------------------------------------------|---------|
| W.L.L.<br>(t)                                                               | number of falls | weight with 3 m of chain (kg) | 3 m    |         | 4 m    |         | 5 m    |         | 6 m    |         | per meters for extra lifting + labour costs |         |
|                                                                             |                 |                               | code   | Price € | code   | Price € | code   | Price € | code   | Price € | code                                        | Price € |
| 0.5                                                                         | 1               | 9.5                           | 222599 | 316,00  | 222689 | 341,00  | 222779 | 366,00  | 222869 | 391,00  | 25377                                       | 25,00   |
| 1                                                                           | 1               | 11.5                          | 222609 | 378,00  | 222699 | 406,00  | 222789 | 434,00  | 222879 | 462,00  | 25387                                       | 28,00   |
| 1.5                                                                         | 1               | 16.7                          | 222619 | 431,00  | 222709 | 466,00  | 222799 | 501,00  | 222889 | 536,00  | 25397                                       | 35,00   |
| 2                                                                           | 2               | 14.6                          | 222629 | 537,00  | 222719 | 581,00  | 222809 | 625,00  | 222899 | 669,00  | 25407                                       | 44,00   |
| 2                                                                           | 1               | 18                            | 222639 | 613,00  | 222729 | 648,00  | 222819 | 683,00  | 222909 | 718,00  | 25397                                       | 35,00   |
| 3                                                                           | 2               | 21.2                          | 222649 | 619,00  | 222739 | 684,00  | 222829 | 749,00  | 222919 | 814,00  | 25417                                       | 65,00   |
| 5                                                                           | 2               | 41.8                          | 222659 | 1083,00 | 222749 | 1162,00 | 222839 | 1241,00 | 222929 | 1320,00 | 25427                                       | 79,00   |
| 10                                                                          | 4               | 81.7                          | 222669 | 2315,00 | 222759 | 2476,00 | 222849 | 2637,00 | 222939 | 2798,00 | 25437                                       | 161,00  |
| 20                                                                          | 8               | 173                           | 222679 | 4032,00 | 222769 | 4366,00 | 222859 | 4700,00 | 245009 | 5034,00 | 25447                                       | 334,00  |
| Zinc plated hand chain                                                      |                 |                               | 213067 |         | 10,19  |         |        |         |        |         |                                             |         |

Option: chain bag, see next page

# Manual chain hoists

## tralift™

Chain bags selection table for tralift™ manual chain hoists

| W.L.L. (kg)        | 500  | 1000  | 1500  | 2000  | 2000  | 3000  | 5000  |
|--------------------|------|-------|-------|-------|-------|-------|-------|
| Number of falls    | 1    | 1     | 1     | 2     | 1     | 2     | 2     |
| Chain (mm)         | 6x18 | 6x18  | 8x24  | 6x18  | 8x24  | 8x24  | 10x30 |
| Lifting height (m) | 1    |       |       |       |       |       |       |
|                    | 2    |       |       |       |       |       |       |
|                    | 3    |       |       | 62922 | 62902 | 62922 | 62952 |
|                    | 4    |       |       |       |       |       |       |
|                    | 5    |       |       |       |       |       |       |
|                    | 6    | 62902 | 62902 |       |       |       | 62932 |
|                    | 7    |       |       |       |       |       |       |
|                    | 8    |       |       |       |       |       |       |
|                    | 9    |       |       | 62932 |       | 62932 |       |
|                    | 10   |       |       |       |       |       | 62962 |
|                    | 11   |       |       |       |       |       |       |
|                    | 12   |       |       |       |       |       |       |
|                    | 13   |       |       |       | 62912 |       |       |
|                    | 14   |       |       |       |       |       |       |
|                    | 15   |       |       |       |       |       |       |
|                    | 16   |       |       |       |       |       | 62942 |
|                    | 17   |       |       |       |       |       |       |
|                    | 18   |       |       |       |       |       |       |
|                    | 19   |       |       | 62942 |       | 62942 |       |
|                    | 20   | 62912 | 62912 |       |       |       |       |
|                    | 22   |       |       |       |       |       |       |
|                    | 24   |       |       |       |       |       |       |
|                    | 26   |       |       |       |       |       |       |
|                    | 28   |       |       |       |       |       |       |
|                    | 30   |       |       |       |       |       |       |
|                    | 32   |       |       |       |       |       |       |
|                    | 34   |       |       |       |       |       |       |
|                    | 35   |       |       |       |       |       |       |

| Code    | 62902 | 62912 | 62922 | 62932 | 62942 | 62952 | 62962 |
|---------|-------|-------|-------|-------|-------|-------|-------|
| Price € | 56,20 | 73,10 | 69,40 | 74,00 | 79,00 | 74,90 | 78,00 |

■ : Unavailable

# Manual drum winches

## caRol™

### Endless screw winches caRol™ TS



**Standard**

**Complete safety:**

- Wheel/screw + automatic brake
- Impossible to release when loaded
- A system preventing the wire rope rolling the wrong way
- Exceptionally robust frame

**Easy to operate:**

- Adjustable and removable handle

**Protection:**

- Mechanical parts fully protected

### Gearred winches caRol™ TR



**Safety:**

- Automatic brake
- A system preventing the wire rope rolling the wrong way
- Exceptional robust frame

**Easy to operate:**

- Adjustable and removable handle

**Protection:**

- Mechanical parts fully protected

**Fixation:**

- 2 positions (horizontal or vertical)

| caRol™ TS     |                          |                          |             |       |                              |
|---------------|--------------------------|--------------------------|-------------|-------|------------------------------|
| Capacity (kg) | Diameters wire rope (mm) | Max length wire rope (m) | Weight (kg) | Code  | Price €<br>without wire rope |
| 250           | 5                        | 15                       | 8           | 23818 | 516,00                       |
| 500           | 7                        | 18                       | 12          | 23828 | 895,00                       |
| 1000          | 9                        | 30                       | 38          | 23838 | 1067,00                      |
| 1500          | 11                       | 23                       | 52          | 23848 | 1725,00                      |
| 2000          | 13                       | 17                       | 80          | 23858 | 1821,00                      |
| 3000          | 16                       | 18,5                     | 140         | 23868 | 3342,00                      |

| caRol™ TR     |                          |                          |             |       |                              |
|---------------|--------------------------|--------------------------|-------------|-------|------------------------------|
| Capacity (kg) | Diameters wire rope (mm) | Max length wire rope (m) | Weight (kg) | Code  | Price €<br>without wire rope |
| 150           | 4                        | 20                       | 6           | 23768 | 325,00                       |
| 300           | 5                        | 38                       | 15          | 23778 | 510,00                       |
| 500           | 7                        | 18                       | 15          | 23788 | 625,00                       |
| 1000          | 9                        | 30                       | 44          | 23798 | 964,00                       |
| 2000          | 13                       | 25                       | 83          | 23808 | 1703,00                      |

| caRol™ - non-rotating wire ropes |       |                  |       |              |       |              |       |                  |
|----------------------------------|-------|------------------|-------|--------------|-------|--------------|-------|------------------|
| wire rope (mm)                   | Code  | Wire rope length |       |              |       |              |       | Extra m. Price € |
|                                  |       | 10 m Price €     | Code  | 20 m Price € | Code  | 30 m Price € | Code  |                  |
| ø 4                              | 26419 | 99,00            | 26429 | 145,00       | 26439 | 191,00       | 16261 | 4,60             |
| ø 5                              | 26449 | 104,00           | 26459 | 152,00       | 26469 | 200,00       | 16271 | 4,80             |
| ø 7                              | 26479 | 108,00           | 26489 | 159,00       | 26499 | 210,00       | 16281 | 5,10             |
| ø 8                              | 26509 | 137,00           | 26519 | 204,00       | 26529 | 272,00       | 16291 | 6,75             |
| ø 9                              | 26539 | 143,00           | 26549 | 218,00       | 26559 | 293,00       | 16301 | 7,35             |
| ø 11                             | 26569 | 184,00           | 26579 | 294,00       | 26589 | 400,00       | 16311 | 10,60            |
| ø 13                             | 26599 | 222,00           | 26609 | 335,00       | 26619 | 448,00       | 16321 | 11,30            |
| ø 16                             | 26629 | 274,00           | 26639 | 436,00       | 26649 | 597,50       | 16331 | 16,28            |

\* Prices are subject to change without prior notice

Pulleys: see pages 75 to 83

General sales and service conditions pages 210 and 211



HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

# Lever chain hoist

## bravo™

- Range: 250 to 9 000 kg
- Compact and lightweight
- Sturdy alloy steel construction
- Hooks rotate freely 360 degrees
- Automatic double pawl brake system
- Neutral position impossible when loaded
- Brake automatic closed when loaded



without  
load limiter

bravo™ lever chain hoists - without load limiter - anticorrosion treated chain

| W.L.L.<br>(t) | number<br>of<br>falls | weight<br>with 3 m<br>of chain<br>(kg) | 1.5 m  |         | 3 m    |         | 4.5 m  |         | 6 m    |         | Extra meter |         |
|---------------|-----------------------|----------------------------------------|--------|---------|--------|---------|--------|---------|--------|---------|-------------|---------|
|               |                       |                                        | code   | Price € | code   | Price € | code   | Price € | code   | Price € | code        | Price € |
| 0.25          | 1                     | 2                                      | 75749  | 128,00  | -      | -       | -      | -       | 75759  | 211,00  | -           | -       |
| 0.5           | 1                     | 4                                      | 199379 | 253,00  | 199389 | 270,00  | 199399 | 294,00  | 199419 | 322,00  | 113105      | 17,00   |
| 0.75          | 1                     | 7                                      | 199009 | 299,00  | 199069 | 346,00  | 199129 | 378,00  | 199189 | 414,00  | 113125      | 21,00   |
| 1             | 1                     | 7                                      | 261149 | 397,00  | 261159 | 420,00  | 261169 | 443,00  | 261179 | 466,00  | 113125      | 21,00   |
| 1.5           | 1                     | 11                                     | 199029 | 313,00  | 199089 | 455,00  | 199149 | 500,00  | 199209 | 545,00  | 113145      | 27,50   |
| 3             | 1                     | 21                                     | 199039 | 446,00  | 199099 | 676,00  | 199159 | 754,00  | 199219 | 832,00  | 113155      | 49,00   |
| 6             | 2                     | 31                                     | 199049 | 987,00  | 199109 | 1115,00 | 199169 | 1261,00 | 199229 | 1406,00 | 113165      | 79,00   |
| 9             | 3                     | 44                                     | 261189 | 1142,00 | 261199 | 1725,00 | 261209 | 1866,00 | 261219 | 2007,00 | 113165      | 79,00   |

bravo™ lever chain hoists - with load limiter - anticorrosion treated chain

| W.L.L.<br>(t) | number<br>of<br>falls | weight<br>with 3 m<br>of chain<br>(kg) | 1.5 m  |         | 3 m    |         | 4.5 m  |         | 6 m    |         | Extra meter |         |
|---------------|-----------------------|----------------------------------------|--------|---------|--------|---------|--------|---------|--------|---------|-------------|---------|
|               |                       |                                        | code   | Price € | code   | Price € | code   | Price € | code   | Price € | code        | Price € |
| 0.75          | 1                     | 7                                      | 200939 | 408,00  | 210009 | 444,00  | 210079 | 477,00  | 210149 | 510,00  | 113125      | 21,00   |
| 1             | 1                     | 7                                      | 261229 | 445,00  | 261239 | 469,00  | 261249 | 536,00  | 261259 | 517,00  | 113125      | 21,00   |
| 1.5           | 1                     | 11                                     | 200959 | 498,00  | 210029 | 547,00  | 210099 | 591,00  | 210169 | 635,00  | 113145      | 27,50   |
| 3             | 1                     | 21                                     | 200969 | 699,00  | 210039 | 804,00  | 210109 | 845,00  | 210179 | 930,00  | 113155      | 49,00   |
| 6             | 2                     | 31                                     | 200979 | 1077,00 | 210049 | 1200,00 | 210119 | 1300,00 | 210189 | 1440,00 | 113165      | 79,00   |
| 9             | 3                     | 44                                     | 261269 | 1846,00 | 261279 | 1987,00 | 261289 | 1991,00 | 261299 | 2270,00 | 113165      | 79,00   |

## bravo™ AC

- 2 models 250 and 500 kg
- Light, compact and robust design
- Aluminium casing to reduce weight
- Hooks rotate freely 360 degrees
- Secured braking device to two pawls
- Freewheel position to adjust the chain length in no-load mode
- Ergonomic lever



bravo™ lever chain hoists in aluminium - without load limiter

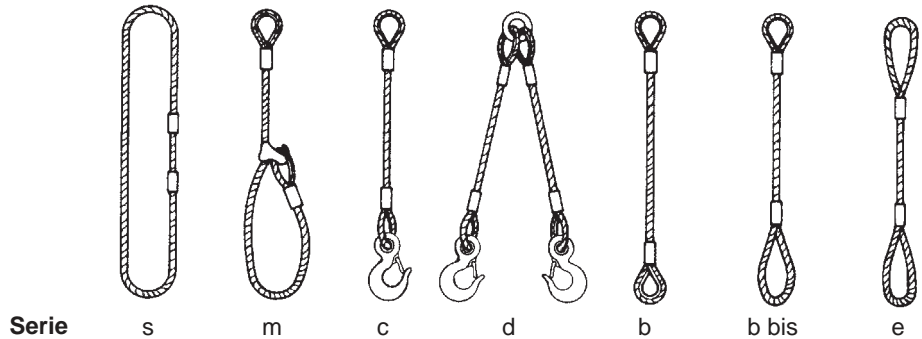
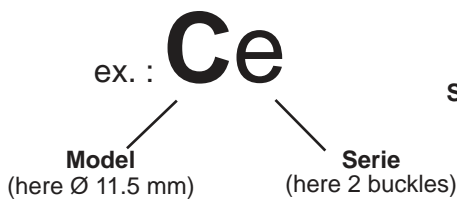
| W.L.L.<br>(t) | number<br>of<br>falls | weight<br>with 1.5 m<br>of chain<br>(kg) | 1.5 m  |         | 3 m    |         |
|---------------|-----------------------|------------------------------------------|--------|---------|--------|---------|
|               |                       |                                          | code   | Price € | code   | Price € |
| 0.25          | 1                     | 2.3                                      | 251129 | 193,00  | 251139 | 223,00  |
| 0.5           | 1                     | 3.3                                      | 251149 | 229,00  | 251159 | 269,00  |

# Wire ropes slings

**Model B=** wire rope Ø 8.3 mm

**Model C=** wire rope Ø 11.5 mm

**Model D=** wire rope Ø 16.3 mm



| Wire rope slings                                 |        |               |                                                    |        |               |                                                    |        |               |
|--------------------------------------------------|--------|---------------|----------------------------------------------------|--------|---------------|----------------------------------------------------|--------|---------------|
| For ø wire rope 8.3 mm<br>force 800 kg<br>1 fall |        |               | For ø wire rope 11.5 mm<br>force 1600 kg<br>1 fall |        |               | For ø wire rope 16.3 mm<br>force 3200 kg<br>1 fall |        |               |
| ref.                                             | Code   | Price €       | ref.                                               | Code   | Price €       | ref.                                               | Code   | Price €       |
| <b>Bs</b>                                        | 46479  | <b>20,90</b>  | <b>Cs</b>                                          | 46549  | <b>31,90</b>  | <b>Ds</b>                                          | 46619  | <b>58,00</b>  |
| <b>Extra m.</b>                                  | 109427 | <b>8,60</b>   |                                                    | 109497 | <b>13,60</b>  |                                                    | 109567 | <b>20,60</b>  |
| <b>Bm</b>                                        | 46469  | <b>58,90</b>  | <b>Cm</b>                                          | 46539  | <b>72,30</b>  | <b>Dm</b>                                          | 46609  | <b>107,00</b> |
| <b>Extra m.</b>                                  | 109437 | <b>4,50</b>   |                                                    | 109507 | <b>6,83</b>   |                                                    | 109577 | <b>10,30</b>  |
| <b>Bc</b>                                        | 46439  | <b>44,40</b>  | <b>Cc</b>                                          | 46509  | <b>60,00</b>  | <b>Dc</b>                                          | 46579  | <b>106,00</b> |
| <b>Extra m.</b>                                  | 109447 | <b>4,50</b>   |                                                    | 109517 | <b>6,83</b>   |                                                    | 109587 | <b>10,30</b>  |
| <b>Bd</b>                                        | 46449  | <b>120,50</b> | <b>Cd</b>                                          | 46519  | <b>150,00</b> | <b>Dd</b>                                          | 46589  | <b>284,00</b> |
| <b>Extra m.</b>                                  | 109457 | <b>8,61</b>   |                                                    | 109527 | <b>13,44</b>  |                                                    | 109597 | <b>20,50</b>  |
| <b>Bb</b>                                        | 46419  | <b>21,50</b>  | <b>Cb</b>                                          | 46489  | <b>29,50</b>  | <b>Db</b>                                          | 46559  | <b>55,00</b>  |
| <b>Extra m.</b>                                  | 109467 | <b>4,50</b>   |                                                    | 109537 | <b>7,00</b>   |                                                    | 109607 | <b>9,87</b>   |
| <b>Bbbis</b>                                     | 46429  | <b>19,90</b>  | <b>Cbbis</b>                                       | 46499  | <b>31,00</b>  | <b>Dbbis</b>                                       | 46569  | <b>59,00</b>  |
| <b>Extra m.</b>                                  | 109477 | <b>4,50</b>   |                                                    | 109547 | <b>7,00</b>   |                                                    | 109617 | <b>9,87</b>   |
| <b>Be</b>                                        | 46459  | <b>18,00</b>  | <b>Ce</b>                                          | 46529  | <b>28,00</b>  | <b>De</b>                                          | 46599  | <b>55,00</b>  |
| <b>Extra m.</b>                                  | 109487 | <b>4,50</b>   |                                                    | 109557 | <b>7,00</b>   |                                                    | 109627 | <b>10,30</b>  |

\* Prices are subject to change without prior notice

The prices below are calculated for 1 m length except for endless slings **Bs**, **Cs**, **Ds** where 1 m is the overall length. Then add, per leg, the extra number or meters required.

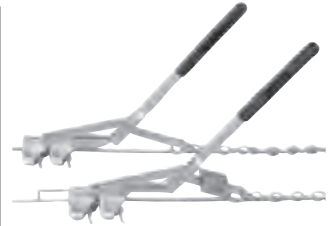
examples:

**Cc** 5 m:  $60,00 + (6,83 \times 4) = 87,32 \text{ €}$   
**Dd** 4 m:  $284,00 + (20,50 \times 3) = 345,50 \text{ €}$

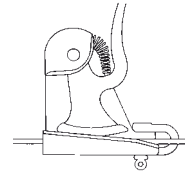
# Tensioning device, frog and accessories

## Wire rope tensioning devices

| tirvit™                                |               |                              |      |         |
|----------------------------------------|---------------|------------------------------|------|---------|
| Complete with anchoring chain or sling |               |                              |      |         |
| Model                                  | Capacity (kg) | for rope or cable diam. (mm) | Code | Price € |
| F.2                                    | 400           | de 3 to 8 mm                 | 1029 | 227,00  |
| F.3                                    | 600           | 7 to 15                      | 1039 | 247,00  |
| F.4                                    | 800           | 14 to 18                     | 1049 | 332,00  |



| Frog                  |               |                              |      |         |
|-----------------------|---------------|------------------------------|------|---------|
| Complete with shackle |               |                              |      |         |
| Model                 | Capacity (kg) | for rope or cable diam. (mm) | Code | Price € |
| G.2                   | 320           | de 3 to 8 mm                 | 1018 | 60,00   |
| G.3                   | 380           | 7 to 15                      | 1028 | 71,00   |
| G.4                   | 400           | 14 to 18                     | 1038 | 92,50   |

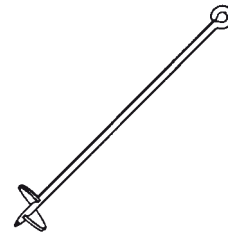


## Accessories

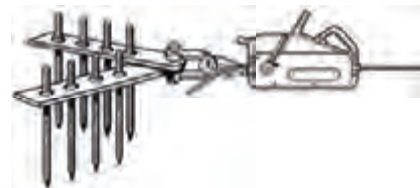
| "CONI-KLAM" wire rope gripper |                |              |      |         |
|-------------------------------|----------------|--------------|------|---------|
| Model                         | ø wire rope mm | For loads kg | Code | Price € |
| EC 10                         | 5 - 10         | 1000         | 1269 | 217,00  |
| EC 14                         | 10.5 - 14      | 2000         | 1289 | 334,00  |
| EC 21                         | 15 - 21        | 3000         | 1309 | 527,00  |



| "TRACTANCAGE" ground anchor: screwtype |                            |      |         |  |
|----------------------------------------|----------------------------|------|---------|--|
| Model                                  |                            | Code | Price € |  |
| HAA                                    | for tirvit™ and jockey™    | 5589 | 83,00   |  |
| HAB                                    | for tirfor® TU-8 / T-508D  | 3779 | 119,00  |  |
| HAC                                    | for tirfor® TU-16 / T-516D | 3789 | 151,00  |  |
| HAD                                    | for tirfor® TU-32 / T-532D | 3799 | 218,00  |  |



| Ground anchor with rods |                                                                               |       |         |  |
|-------------------------|-------------------------------------------------------------------------------|-------|---------|--|
| Model                   | Components                                                                    | Code  | Price € |  |
| 1                       | 2 anchor plates -code 3809<br>8 rods, long. 75 cm - ø 25 mm<br>1 shackle 3 t  | 13599 | 369,00  |  |
| 2                       | 3 anchor plates -code 3809<br>12 rods, long. 75 cm - ø 25 mm<br>1 shackle 5 t | 13609 | 558,00  |  |



## HOOK CAL



| Anchoring hook for tirfor® T-500 range |        |       |         |         |       |         |         |       |         |
|----------------------------------------|--------|-------|---------|---------|-------|---------|---------|-------|---------|
| Model                                  | 800 kg |       |         | 1600 kg |       |         | 3200 kg |       |         |
|                                        | Model  | Code  | Price € | Model   | Code  | Price € | Model   | Code  | Price € |
|                                        | CT8    | 21857 | 54,00   | CT16    | 21867 | 88,50   | CT32    | 21877 | 182,00  |

# Portable electric hoists

## minifor™ TR125 SY (synthetic rope)

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

The reliability and sturdiness of a minifor™ combined with the lightness of synthetic wires

- Capacity 125 kg,
- 4 motors available 115, 230, 400 and 690 V,
- Single-phase or Three-phase,
- 3 three control systems, a fixed cable control box, a plug-in cable control box and a radio remote control box,
- 2 speeds of lift 15 or 30 m/min,
- Synthetic rope Ø 9.4 mm very high endurance,
- 3 types of hook are available with latch (in standard), locking hook or locking hook with swivel,
- Plastic case or metal box in option.



Synthetic rope ø 9.4 mm

50 Hz

60 Hz

| minifor™ TR125 SY standard, delivered in cardboard box                                                      |             |             |      |              |      |           |               |           |        | Standard pendant box |
|-------------------------------------------------------------------------------------------------------------|-------------|-------------|------|--------------|------|-----------|---------------|-----------|--------|----------------------|
| Standard version: push button control box, 2.50 m long cable<br>Synthetic rope not included (see next page) |             |             |      |              |      |           |               |           |        |                      |
| Standard Model                                                                                              | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Rope ø mm | Code   | Price € Without rope |
| TR125SY                                                                                                     | 125         | 15          | 115  | Single-phase | 0.37 | 21        | 220/356/427   | 9.4       | 245159 | 3146,00              |
|                                                                                                             |             | 15          | 230  | Single-phase | 0.37 | 20        | 209/356/427   |           | 245179 | 2781,00              |
|                                                                                                             |             | 30          | 230  | Single-phase | 0.75 | 20        | 209/375/427   |           | 245169 | 3160,00              |
|                                                                                                             |             | 30          | 400  | Three-phase  | 0.75 | 20        | 209/356/427   |           | 245189 | 3150,00              |
|                                                                                                             |             | 30          | 690  | Three-phase  | 0.75 | 22        | 259/365/427   |           | 245199 | 3708,00              |
|                                                                                                             |             | 15          | 115  | Single-phase | 0.37 | 21        | 220/356/427   |           | 9.4    | 243999               |
| Others length of a fixed cable control box standard, see next page                                          |             |             |      |              |      |           |               |           |        |                      |

| minifor™ TR125 SY with a plug-in cable control box, delivered in cardboard box                                |             |             |      |              |      |           |               |           |        | Plug-in pendant box  |
|---------------------------------------------------------------------------------------------------------------|-------------|-------------|------|--------------|------|-----------|---------------|-----------|--------|----------------------|
| Synthetic rope and a plug-in cable control box not included (see next page)                                   |             |             |      |              |      |           |               |           |        |                      |
| Standard Model                                                                                                | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Rope ø mm | Code   | Price € Without rope |
| TR125SY                                                                                                       | 125         | 15          | 115  | Single-phase | 0.37 | 21        | 220/356/427   | 9.4       | 245219 | 2974,00              |
|                                                                                                               |             | 15          | 230  | Single-phase | 0.37 | 20        | 209/356/427   |           | 245239 | 2706,00              |
|                                                                                                               |             | 30          | 230  | Single-phase | 0.75 | 20        | 209/375/427   |           | 245229 | 3350,00              |
|                                                                                                               |             | 30          | 400  | Three-phase  | 0.75 | 20        | 209/356/427   |           | 245249 | 3124,00              |
|                                                                                                               |             | 30          | 690  | Three-phase  | 0.75 | 22        | 259/365/427   |           | 245259 | 3590,00              |
|                                                                                                               |             | 15          | 115  | Single-phase | 0.37 | 21        | 220/356/427   |           | 9.4    | 245209               |
| Others length of a plug-in cable control box, see next page<br>Extension for plug-in control box, see page 26 |             |             |      |              |      |           |               |           |        |                      |

| minifor™ TR125 SY with H.F. radio control distance, delivered in cardboard box |             |             |      |              |      |           |               |           |        | Radio control        |
|--------------------------------------------------------------------------------|-------------|-------------|------|--------------|------|-----------|---------------|-----------|--------|----------------------|
| Synthetic rope not included (see next page)                                    |             |             |      |              |      |           |               |           |        |                      |
| Standard Model                                                                 | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Rope ø mm | Code   | Price € Without rope |
| TR125SY                                                                        | 125         | 15          | 115  | Single-phase | 0.37 | 21        | 220/356/427   | 9.4       | 245269 | 5548,00              |
|                                                                                |             | 15          | 230  | Single-phase | 0.37 | 20        | 209/356/427   |           | 245279 | 5179,00              |
|                                                                                |             | 30          | 230  | Single-phase | 0.75 | 20        | 209/375/427   |           | 245289 | 6112,00              |
|                                                                                |             | 30          | 400  | Three-phase  | 0.75 | 20        | 209/356/427   |           | 245299 | 5779,00              |

# Portable electric hoists minifor™ TR125 SY (synthetic rope)

## Accessories and options for minifor™ SY

### Standard pendant box



#### Pendant control box standard length

| Lg. (m) | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Code    | 112567 | 112577 | 112587 | 112597 | 112607 | 112617 | 112627 | 112637 | 112647 | 112657 | 112667 | 112677 | 112687 | 112697 | 112707 | 112717 | 112727 | 112737 |
| Price € | 53,00  | 57,00  | 61,00  | 66,00  | 70,00  | 74,00  | 121,00 | 131,00 | 142,00 | 152,00 | 163,00 | 173,00 | 184,00 | 194,00 | 201,00 | 207,00 | 212,00 | 238,00 |

### Plug-in pendant box



#### Plug-in pendant control box length

| Lg. (m) | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Code    | 112797 | 112807 | 112817 | 112827 | 112837 | 112847 | 112857 | 112867 | 112877 | 112887 | 112897 | 112907 | 112917 | 112927 | 112937 | 112947 | 112957 | 112967 |
| Price € | 292,00 | 296,00 | 299,00 | 304,00 | 311,00 | 316,00 | 320,00 | 324,00 | 329,00 | 334,00 | 338,00 | 344,00 | 349,00 | 353,00 | 358,00 | 362,00 | 368,00 | 390,00 |



#### Synthetic rope Ø 9.4 mm

| Model                                             | Code   | Price € |
|---------------------------------------------------|--------|---------|
| Start kit 20 meters with latched hook             | 187228 | 216,00  |
| Start kit 20 meters with self-locking hook        | 187268 | 225,00  |
| Start kit 20 meters with self-locking with swivel | 187248 | 273,00  |
| The extra meters of Ø 9.4 mm dia. rope            | 217107 | 2,50    |



#### Accessories for minifor™ SY

|                                                                                        | Code   | Price € |
|----------------------------------------------------------------------------------------|--------|---------|
| <b>Bobbin and reeler</b>                                                               |        |         |
| Reusable plastic bobbin for ropes of length up to 100 m                                | 143865 | 24,70   |
| Reusable plastic bobbin for ropes of length up to 100 and 200 m                        | 143875 | 26,46   |
| Wheeled metallic reeler for ropes of length up to 200 m                                | 187278 | 168,00  |
| <b>Sheaves blocks kit for minifor™ TR125 SY</b>                                        |        |         |
| Sheave block kit with latch hook                                                       | 217377 | 298,00  |
| Sheave block kit with self locking hook                                                | 217877 | 337,00  |
| <b>Plastic case and metal case</b>                                                     |        |         |
| Plastic case for minifor™ SY 230 and 400 V                                             | 231917 | 185,00  |
| Metal case for minifor™ SY and accessories                                             | 60665  | 194,00  |
| <b>Bags for synthetic rope</b>                                                         |        |         |
| CombiPro 30 l bag for rope length up to 100 m                                          | 20812  | 18,24   |
| CombiPro 60 l bag for rope length up to 200 m                                          | 20822  | 41,30   |
| <b>Various</b>                                                                         |        |         |
| Sheave block with latch hook for minifor™ TR125 SY                                     | 217367 | 190,00  |
| Sheave block with self locking hook for minifor™ TR125 SY                              | 217857 | 207,00  |
| Adjustable end limit for TR125 SY                                                      | 193078 | 108,00  |
| <b>minifor Towbar Adapter</b> adaptor for vehicle's a ball hitch for minifor™ TR125 SY | 251279 | 294,00  |



# Portable electric hoists minifor™

Easy to handle and lightweight - sturdy and powerful unlimited lifting height  
minifor™ standard

minifor™ TR 10 -TR 30  
100 - 300 kg  
Adjustable end limit as standard



packed in metal carrying box  
725 x 230 x 335 mm

minifor™ TR 30S -TR 50  
300 - 500 kg  
Adjustable end limit as standard



packed into cardboard box

Wire rope ø 6.5 mm

50 Hz

| minifor™ with emergency stop - 50 Hz                                                                       |                                                    |             |            |              |      |           |               |                |                |                           |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------|------------|--------------|------|-----------|---------------|----------------|----------------|---------------------------|
| Standard version: push button control box, 2.50 m long cable<br>Steel wire rope not included (see page 26) |                                                    |             |            |              |      |           |               |                |                |                           |
| Standard Model                                                                                             | Capacity kg                                        | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code           | Price € without wire rope |
| TR10                                                                                                       | 100                                                | 15          | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | 42869<br>42789 | 2104,00<br>2729,00        |
| TR30                                                                                                       | 300                                                | 5           | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | 42969<br>42889 | 2123,00<br>2795,00        |
| TR30S                                                                                                      | 300                                                | 13          | 115        | Single-phase | 1.1  | 32        | 495/425/225   | 6.5            | 44769          | 2517,00                   |
|                                                                                                            |                                                    |             | 230        | Single-phase |      |           |               |                | 42989          | 3575,00                   |
|                                                                                                            |                                                    |             | 400        | Three-phase  |      |           |               |                | 44779          | 3595,00                   |
| TR50                                                                                                       | 500                                                | 7           | 115        | Single-phase | 1.1  | 32        | 495/425/225   | 6.5            | 44769          | 2517,00                   |
|                                                                                                            |                                                    |             | 230        | Single-phase |      |           |               |                | 44849          | 3650,00                   |
|                                                                                                            |                                                    |             | 400        | Three-phase  |      |           |               |                | 44899          | 3645,00                   |
| Option:                                                                                                    | Metal carrying box TR30S/TR50 (540 x 265 x 360 mm) |             |            |              |      |           |               |                | 102715         | 257,00                    |

60 Hz

| minifor™ with emergency stop - 60 Hz                                                                       |                                                    |             |            |              |      |           |               |                |                 |                           |
|------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------|------------|--------------|------|-----------|---------------|----------------|-----------------|---------------------------|
| Standard version: push button control box, 2.50 m long cable<br>Steel wire rope not included (see page 26) |                                                    |             |            |              |      |           |               |                |                 |                           |
| Standard Model                                                                                             | Capacity kg                                        | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code            | Price € without wire rope |
| TR10                                                                                                       | 100                                                | 15          | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | 260999<br>58569 | 2378,00<br>2004,00        |
| TR30                                                                                                       | 300                                                | 5           | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | 261019<br>42979 | 2399,00<br>2115,00        |
| TR30S                                                                                                      | 300                                                | 13          | 115        | Single-phase | 1.1  | 32        | 495/425/225   | 6.5            | 261029          | 2845,00                   |
|                                                                                                            |                                                    |             | 230        | Single-phase |      |           |               |                | 261079          | 4035,00                   |
|                                                                                                            |                                                    |             | 230        | Three-phase  |      |           |               |                | 44839           | 2782,00                   |
|                                                                                                            |                                                    |             | 400        | Three-phase  |      |           |               |                | 44829           | 2600,00                   |
| TR50                                                                                                       | 500                                                | 7           | 115        | Single-phase | 1.1  | 32        | 495/425/225   | 6.5            | 261039          | 2845,00                   |
|                                                                                                            |                                                    |             | 230        | Single-phase |      |           |               |                | 261059          | 4078,00                   |
|                                                                                                            |                                                    |             | 230        | Three-phase  |      |           |               |                | 44959           | 2866,00                   |
|                                                                                                            |                                                    |             | 400        | Three-phase  |      |           |               |                | 44949           | 2801,00                   |
| Option:                                                                                                    | Metal carrying box TR30S/TR50 (540 x 265 x 360 mm) |             |            |              |      |           |               |                | 102715          | 257,00                    |

| Pendant control box standard length |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Lg. (m)                             | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |
| Code                                | 112567 | 112577 | 112587 | 112597 | 112607 | 112617 | 112627 | 112637 | 112647 | 112657 | 112667 | 112677 | 112687 | 112697 | 112707 | 112717 | 112727 | 112737 |
| Price €                             | 53,00  | 57,00  | 61,00  | 66,00  | 70,00  | 74,00  | 121,00 | 131,00 | 142,00 | 152,00 | 163,00 | 173,00 | 184,00 | 194,00 | 201,00 | 207,00 | 212,00 | 238,00 |

HAND OPERATED LIFTING AND PULLING EQUIPMENT  
MOTORISED LIFTING AND PULLING EQUIPMENT  
ANCHOR POINT STRUCTURE  
LOAD ARRESTORS  
PULLEYS AND SHEAVES  
LIFTING BEAMS  
CLAMPS  
FLOOR HANDLING EQUIPMENT

# Portable electric hoists

## minifor™

### minifor™ with plug-in pendant control box

minifor™ TR 10 -TR 30

100 - 300 kg

Adjustable end limit as standard



packed in metal carrying box  
725 x 230 x 335 mm



Wire rope ø 6.5 mm

minifor™ TR 30S -TR 50

300 - 500 kg

Adjustable end limit as standard



packed into cardboard box



| minifor™ with plug-in pendant control box: up to 50 m - 50 Hz |                                                    |             |            |              |      |           |               |                |             |                           |
|---------------------------------------------------------------|----------------------------------------------------|-------------|------------|--------------|------|-----------|---------------|----------------|-------------|---------------------------|
| Standard version: push button control box, 2.50 m long cable  |                                                    |             |            |              |      |           |               |                |             |                           |
| Steel wire rope not included (see page 26)                    |                                                    |             |            |              |      |           |               |                |             |                           |
| Standard Model                                                | Capacity kg                                        | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code        | Price € without wire rope |
| TR10                                                          | 100                                                | 15          | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | -<br>193659 | On request<br>2835,00     |
| TR30                                                          | 300                                                | 5           | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | -<br>193029 | On request<br>2804,00     |
| TR30S                                                         | 300                                                | 13          | 115        | Single-phase | 1.1  | 32        | 495/425/225   | 6.5            | -           | On request                |
|                                                               |                                                    |             | 230        | Single-phase |      |           |               |                | 193669      | 3560,00                   |
| TR50                                                          | 500                                                | 7           | 115        | Single-phase | 1.1  | 32        | 495/425/225   | 6.5            | -           | On request                |
|                                                               |                                                    |             | 230        | Single-phase |      |           |               |                | 193039      | 3567,00                   |
|                                                               |                                                    |             | 400        | Three-phase  |      | 28        |               |                | 193689      | 3567,00                   |
| Option:                                                       | Metal carrying box TR30S/TR50 (540 x 265 x 360 mm) |             |            |              |      |           |               |                | 102715      | 257,00                    |

| minifor™ with plug-in pendant control box: up to 50 m - 60 Hz |                                                    |             |            |              |      |           |               |                |            |                           |
|---------------------------------------------------------------|----------------------------------------------------|-------------|------------|--------------|------|-----------|---------------|----------------|------------|---------------------------|
| Standard version: push button control box, 2.50 m long cable  |                                                    |             |            |              |      |           |               |                |            |                           |
| Steel wire rope not included (see page 26)                    |                                                    |             |            |              |      |           |               |                |            |                           |
| Standard Model                                                | Capacity kg                                        | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code       | Price € without wire rope |
| TR10                                                          | 100                                                | 15          | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | -<br>-     | On request<br>On request  |
| TR30                                                          | 300                                                | 5           | 115<br>230 | Single-phase | 0.37 | 21        | 350/415/245   | 6.5            | -<br>-     | On request<br>On request  |
| TR30S                                                         | 300                                                | 13          | 115        | Single-phase | 1.1  | 32        | 495/425/225   | 6.5            | -          | On request                |
|                                                               |                                                    |             | 230        | Single-phase |      |           |               |                | -          | On request                |
|                                                               |                                                    |             | 230        | Single-phase |      |           |               |                | -          | On request                |
| TR50                                                          | 500                                                | 7           | 400        | Three-phase  |      | 28        |               |                | -          | On request                |
|                                                               |                                                    |             | 115        | Single-phase |      | 32        |               | -              | On request |                           |
|                                                               |                                                    |             | 230        | Single-phase |      | 32        |               | -              | On request |                           |
|                                                               |                                                    |             | 230        | Single-phase |      | 32        |               |                | -          | On request                |
|                                                               |                                                    |             | 400        | Three-phase  |      | 28        |               |                | -          | On request                |
| Option:                                                       | Metal carrying box TR30S/TR50 (540 x 265 x 360 mm) |             |            |              |      |           |               |                | 102715     | 257,00                    |

| Plug-in pendant control box length |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Lg. (m)                            | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |
| Code                               | 112797 | 112807 | 112817 | 112827 | 112837 | 112847 | 112857 | 112867 | 112877 | 112887 | 112897 | 112907 | 112917 | 112927 | 112937 | 112947 | 112957 | 112967 |
| Price €                            | 292,00 | 296,00 | 299,00 | 304,00 | 311,00 | 316,00 | 320,00 | 324,00 | 329,00 | 334,00 | 338,00 | 344,00 | 349,00 | 353,00 | 358,00 | 362,00 | 368,00 | 390,00 |

# Portable electric hoists

## minifor™

### minifor™ with H.F. radio control



Wire rope ø 6.5 mm



HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

50 Hz

| minifor™ with H.F. remote control: up to 50 m - 50 Hz |                                                    |             |      |              |                                            |           |               |                |        |                           |
|-------------------------------------------------------|----------------------------------------------------|-------------|------|--------------|--------------------------------------------|-----------|---------------|----------------|--------|---------------------------|
| Frequency 418 Mhz for models 115 V                    |                                                    |             |      |              | Steel wire rope not included (see page 26) |           |               |                |        |                           |
| Frequency 433 Mhz for models 230 and 400 V            |                                                    |             |      |              |                                            |           |               |                |        |                           |
| Standard Model                                        | Capacity kg                                        | Speed m/min | Volt | Motor type   | kW                                         | Weight kg | Dimensions mm | Wire rope ø mm | Code   | Price € without wire rope |
| TR10                                                  | 100                                                | 15          | 115  | Single-phase | 0.37                                       | 21        | 350/415/266   | 6.5            | 58579  | 3702,00                   |
|                                                       |                                                    |             | 230  |              |                                            |           |               |                | 42799  | 5041,00                   |
| TR30                                                  | 300                                                | 5           | 115  | Single-phase | 0.37                                       | 21        | 350/415/266   | 6.5            | 58729  | 3752,00                   |
|                                                       |                                                    |             | 230  |              |                                            |           |               |                | 42899  | 5185,00                   |
| TR30S                                                 | 300                                                | 13          | 115  | Single-phase | 1.1                                        | 32        | 495/425/225   | 6.5            | 58869  | 4124,00                   |
|                                                       |                                                    |             | 230  | Single-phase |                                            |           |               |                | 44759  | 5940,00                   |
|                                                       |                                                    |             | 400  | Three-phase  |                                            |           |               |                | 44789  | 5945,00                   |
| TR50                                                  | 500                                                | 7           | 115  | Single-phase | 1.1                                        | 32        | 495/425/225   | 6.5            | 58909  | 4147,00                   |
|                                                       |                                                    |             | 230  | Single-phase |                                            |           |               |                | 44879  | 5980,00                   |
|                                                       |                                                    |             | 400  | Three-phase  |                                            |           |               |                | 44919  | 5995,00                   |
| Option:                                               | Metal carrying box TR10/TR30 (725 x 230 x 335 mm)  |             |      |              |                                            |           |               |                | 60665  | 194,00                    |
|                                                       | Metal carrying box TR30S/TR50 (540 x 265 x 360 mm) |             |      |              |                                            |           |               |                | 102715 | 257,00                    |

LOAD ARRESTORS

PULLEYS AND SHEAVES

60 Hz

| minifor™ with H.F. remote control: up to 50 m - 60 Hz |                                                    |             |      |              |                                            |           |               |                |        |                           |
|-------------------------------------------------------|----------------------------------------------------|-------------|------|--------------|--------------------------------------------|-----------|---------------|----------------|--------|---------------------------|
| Frequency 418 Mhz for models 115 V                    |                                                    |             |      |              | Steel wire rope not included (see page 26) |           |               |                |        |                           |
| Frequency 433 Mhz for models 230 and 400 V            |                                                    |             |      |              |                                            |           |               |                |        |                           |
| Standard Model                                        | Capacity kg                                        | Speed m/min | Volt | Motor type   | kW                                         | Weight kg | Dimensions mm | Wire rope ø mm | Code   | Price € without wire rope |
| TR10                                                  | 100                                                | 15          | 115  | Single-phase | 0.37                                       | 21        | 350/415/266   | 6.5            | 58589  | 3773,00                   |
|                                                       |                                                    |             | 230  |              |                                            |           |               |                | 58599  | 3612,00                   |
| TR30                                                  | 300                                                | 5           | 115  | Single-phase | 0.37                                       | 21        | 350/415/266   | 6.5            | 58739  | 3882,00                   |
|                                                       |                                                    |             | 230  |              |                                            |           |               |                | 58749  | 3723,00                   |
| TR30S                                                 | 300                                                | 13          | 115  | Single-phase | 1.1                                        | 32        | 495/425/225   | 6.5            | 58879  | 4328,00                   |
|                                                       |                                                    |             | 230  | Single-phase |                                            |           |               |                | 58889  | 4085,00                   |
|                                                       |                                                    |             | 400  | Three-phase  |                                            |           |               |                | 58899  | 4208,00                   |
| TR50                                                  | 500                                                | 7           | 115  | Single-phase | 1.1                                        | 32        | 495/425/225   | 6.5            | 58919  | 4328,00                   |
|                                                       |                                                    |             | 230  | Single-phase |                                            |           |               |                | 58929  | 4085,00                   |
|                                                       |                                                    |             | 400  | Three-phase  |                                            |           |               |                | 58939  | 4208,00                   |
| Option:                                               | Metal carrying box TR10/TR30 (725 x 230 x 335 mm)  |             |      |              |                                            |           |               |                | 60665  | 194,00                    |
|                                                       | Metal carrying box TR30S/TR50 (540 x 265 x 360 mm) |             |      |              |                                            |           |               |                | 102715 | 257,00                    |

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

# Portable electric hoists minifor™

minifor™ with spring-loaded reeler 20 m, 27 m or 40 m.

Wire rope ø 6.5 mm



Standard version: push button control box,  
2.50 m long cable  
Upper and lower limit switches  
Without metal carrying box.

50 Hz

**minifor™ spring-loaded reeler for 20 m wire rope - 50 Hz. Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code           | Price € without wire rope |
|----------------|-------------|-------------|------------|--------------|------|-----------|---------------|----------------|----------------|---------------------------|
| TR10           | 100         | 15          | 115<br>230 | Single-phase | 0.37 | 44        | 562/415/418   | 6.5            | 44719<br>42829 | 2999,00<br>3795,00        |
| TR30           | 300         | 5           | 115<br>230 | Single-phase | 0.37 | 44        | 562/415/418   | 6.5            | 58759<br>42929 | 3316,00<br>3705,00        |

50 Hz

**minifor™ spring-loaded reeler for 27 m wire rope - 50 Hz. Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code           | Price € without wire rope |
|----------------|-------------|-------------|------------|--------------|------|-----------|---------------|----------------|----------------|---------------------------|
| TR10           | 100         | 15          | 115<br>230 | Single-phase | 0.37 | 49        | 583/415/418   | 6.5            | 58619<br>42849 | 3478,00<br>4360,00        |
| TR30           | 300         | 5           | 115<br>230 | Single-phase | 0.37 | 49        | 583/415/418   | 6.5            | 58779<br>42949 | 3564,00<br>4477,00        |

50 Hz

**minifor™ spring-loaded reeler for 40 m wire rope - 50 Hz. Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code             | Price € without wire rope |
|----------------|-------------|-------------|------------|--------------|------|-----------|---------------|----------------|------------------|---------------------------|
| TR10           | 100         | 15          | 115<br>230 | Single-phase | 0.37 | 51        | 622/415/418   | 6.5            | 108349<br>106299 | 3626,00<br>4793,00        |
| TR30           | 300         | 5           | 115<br>230 | Single-phase | 0.37 | 51        | 622/415/418   | 6.5            | 108409<br>106309 | 3743,00<br>4925,00        |

**Plug-in pendant control box length**

| Lg. (m) | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Code    | 112567 | 112577 | 112587 | 112597 | 112607 | 112617 | 112627 | 112637 | 112647 | 112657 | 112667 | 112677 | 112687 | 112697 | 112707 | 112717 | 112727 | 112737 |
| Price € | 53,00  | 57,00  | 61,00  | 66,00  | 70,00  | 74,00  | 121,00 | 131,00 | 142,00 | 152,00 | 163,00 | 173,00 | 184,00 | 194,00 | 201,00 | 207,00 | 212,00 | 238,00 |

# Portable electric hoists minifor™

minifor™ with plug-in pendant control box spring-loaded reeler 20 m, 27 m or 40 m.

Wire rope ø 6.5 mm



Standard version: compatible with plug-in pendant control box (not included)  
Upper and lower limit switches  
Without metal carrying box.

50 Hz

**minifor™ with spring-loaded reeler for 20 m wire rope - 60 Hz. Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt       | Motor type    | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code        | Price € without wire rope |
|----------------|-------------|-------------|------------|---------------|------|-----------|---------------|----------------|-------------|---------------------------|
| TR10           | 100         | 15          | 115<br>230 | Single- phase | 0.37 | 44        | 562/415/418   | 6.5            | -<br>193799 | On request<br>3678,00     |
| TR30           | 300         | 5           | 115<br>230 | Single- phase | 0.37 | 44        | 562/415/418   | 6.5            | -<br>193809 | On request<br>3617,00     |

50 Hz

**minifor™ with spring-loaded reeler for 27 m wire rope - 60 Hz. Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt       | Motor type    | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code        | Price € without wire rope |
|----------------|-------------|-------------|------------|---------------|------|-----------|---------------|----------------|-------------|---------------------------|
| TR10           | 100         | 15          | 115<br>230 | Single- phase | 0.37 | 49        | 583/415/418   | 6.5            | -<br>193819 | On request<br>4294,00     |
| TR30           | 300         | 5           | 115<br>230 | Single- phase | 0.37 | 49        | 583/415/418   | 6.5            | -<br>193829 | On request<br>4423,00     |

50 Hz

**minifor™ with spring-loaded reeler for 40 m wire rope - 50 Hz. Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt       | Motor type    | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code        | Price € without wire rope |
|----------------|-------------|-------------|------------|---------------|------|-----------|---------------|----------------|-------------|---------------------------|
| TR10           | 100         | 15          | 115<br>230 | Single- phase | 0.37 | 51        | 622/415/418   | 6.5            | -<br>193839 | On request<br>4730,00     |
| TR30           | 300         | 5           | 115<br>230 | Single- phase | 0.37 | 51        | 622/415/418   | 6.5            | -<br>193849 | On request<br>4863,00     |

OR\*: On Request

**Plug-in pendant control box length**

| Lg. (m) | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Code    | 112797 | 112807 | 112817 | 112827 | 112837 | 112847 | 112857 | 112867 | 112877 | 112887 | 112897 | 112907 | 112917 | 112927 | 112937 | 112947 | 112957 | 112967 |
| Price € | 292,00 | 296,00 | 299,00 | 304,00 | 311,00 | 316,00 | 320,00 | 324,00 | 329,00 | 334,00 | 338,00 | 344,00 | 349,00 | 353,00 | 358,00 | 362,00 | 368,00 | 390,00 |

HAND OPERATED LIFTING AND PULLING EQUIPMENT  
MOTORISED LIFTING AND PULLING EQUIPMENT  
ANCHOR POINT STRUCTURE  
LOAD ARRESTORS  
PULLEYS AND SHEAVES  
LIFTING BEAMS  
CLAMPS  
FLOOR HANDLING EQUIPMENT

# Portable electric hoists minifor™

minifor™ with spring-loaded reeler 20 m, 27 m or 40 m.

Wire rope ø 6.5 mm



Standard version: push button control box,  
2.50 m long cable  
Upper and lower limit switches  
Without metal carrying box.

60 Hz

| minifor™ with spring-loaded reeler for 20 m wire rope - 50 Hz. Steel wire rope not included (see page 26) |             |             |      |              |      |           |               |                |       |                           |
|-----------------------------------------------------------------------------------------------------------|-------------|-------------|------|--------------|------|-----------|---------------|----------------|-------|---------------------------|
| Standard Model                                                                                            | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code  | Price € without wire rope |
| TR10                                                                                                      | 100         | 15          | 115  | Single-phase | 0.37 | 44        | 562/415/418   | 6.5            | 58629 | 2557,00                   |
|                                                                                                           |             |             | 230  |              |      |           |               |                | 58639 | 2838,00                   |
| TR30                                                                                                      | 300         | 5           | 115  | Single-phase | 0.37 | 44        | 562/415/418   | 6.5            | 44689 | 2968,00                   |
|                                                                                                           |             |             | 230  |              |      |           |               |                | 58789 | 3069,00                   |

60 Hz

| minifor™ with spring-loaded reeler for 27 m wire rope - 50 Hz. Steel wire rope not included (see page 26) |             |             |      |              |      |           |               |                |       |                           |
|-----------------------------------------------------------------------------------------------------------|-------------|-------------|------|--------------|------|-----------|---------------|----------------|-------|---------------------------|
| Standard Model                                                                                            | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code  | Price € without wire rope |
| TR10                                                                                                      | 100         | 15          | 115  | Single-phase | 0.37 | 49        | 583/415/418   | 6.5            | 58649 | 2864,00                   |
|                                                                                                           |             |             | 230  |              |      |           |               |                | 58659 | 3179,00                   |
| TR30                                                                                                      | 300         | 5           | 115  | Single-phase | 0.37 | 49        | 583/415/418   | 6.5            | 44699 | 3553,00                   |
|                                                                                                           |             |             | 230  |              |      |           |               |                | 58799 | 3437,00                   |

60 Hz

| minifor™ with spring-loaded reeler for 40 m wire rope - 50 Hz. Steel wire rope not include (see page 26) |             |             |      |              |      |           |               |                |        |                           |
|----------------------------------------------------------------------------------------------------------|-------------|-------------|------|--------------|------|-----------|---------------|----------------|--------|---------------------------|
| Standard Model                                                                                           | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code   | Price € without wire rope |
| TR10                                                                                                     | 100         | 15          | 115  | Single-phase | 0.37 | 51        | 622/415/418   | 6.5            | 108369 | 3750,00                   |
|                                                                                                          |             |             | 230  |              |      |           |               |                | 108329 | 3660,00                   |
| TR30                                                                                                     | 300         | 5           | 115  | Single-phase | 0.37 | 51        | 622/415/418   | 6.5            | 108429 | 3831,00                   |
|                                                                                                          |             |             | 230  |              |      |           |               |                | 108389 | 3714,00                   |

## Pendant control box standard length

| Lg. (m) | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Code    | 112567 | 112577 | 112587 | 112597 | 112607 | 112617 | 112627 | 112637 | 112647 | 112657 | 112667 | 112677 | 112687 | 112697 | 112707 | 112717 | 112727 | 112737 |
| Price € | 53,00  | 57,00  | 61,00  | 66,00  | 70,00  | 74,00  | 121,00 | 131,00 | 142,00 | 152,00 | 163,00 | 173,00 | 184,00 | 194,00 | 201,00 | 207,00 | 212,00 | 238,00 |

# Portable electric hoists minifor™

minifor™ with plug-in pendant control box spring-loaded reeler 20 m, 27 m or 40 m.

Wire rope ø 6.5 mm



Standard Version: plug-in pendant control box (not included).  
Upper and lower limit switches  
Without metal carrying box.

60 Hz

| minifor™ spring-loaded reeler for 20 m wire rope - 60 Hz. Steel wire rope not included (see page 26) |             |             |            |              |      |           |               |                |      |                           |
|------------------------------------------------------------------------------------------------------|-------------|-------------|------------|--------------|------|-----------|---------------|----------------|------|---------------------------|
| Standard Model                                                                                       | Capacity kg | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code | Price € without wire rope |
| TR10                                                                                                 | 100         | 15          | 115<br>230 | Single-phase | 0.37 | 44        | 562/415/418   | 6.5            | -    | On request                |
| TR30                                                                                                 | 300         | 5           | 115<br>230 | Single-phase | 0.37 | 44        | 562/415/418   | 6.5            | -    | On request                |

60 Hz

| minifor™ spring-loaded reeler for 27 m wire rope - 60 Hz. Steel wire rope not included (see page 26) |             |             |            |              |      |           |               |                |      |                           |
|------------------------------------------------------------------------------------------------------|-------------|-------------|------------|--------------|------|-----------|---------------|----------------|------|---------------------------|
| Standard Model                                                                                       | Capacity kg | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code | Price € without wire rope |
| TR10                                                                                                 | 100         | 15          | 115<br>230 | Single-phase | 0.37 | 49        | 583/415/418   | 6.5            | -    | On request                |
| TR30                                                                                                 | 300         | 5           | 115<br>230 | Single-phase | 0.37 | 49        | 583/415/418   | 6.5            | -    | On request                |

60 Hz

| minifor™ spring-loaded reeler for 40 m wire rope - 60 Hz. Steel wire rope not included (see page 26) |             |             |            |              |      |           |               |                |      |                           |
|------------------------------------------------------------------------------------------------------|-------------|-------------|------------|--------------|------|-----------|---------------|----------------|------|---------------------------|
| Standard Model                                                                                       | Capacity kg | Speed m/min | Volt       | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code | Price € without wire rope |
| TR10                                                                                                 | 100         | 15          | 115<br>230 | Single-phase | 0.37 | 51        | 622/415/418   | 6.5            | -    | On request                |
| TR30                                                                                                 | 300         | 5           | 115<br>230 | Single-phase | 0.37 | 51        | 622/415/418   | 6.5            | -    | On request                |

| Plug-in pendant control box length |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Lg. (m)                            | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 25     |  |
| Code                               | 112797 | 112807 | 112817 | 112827 | 112837 | 112847 | 112857 | 112867 | 112877 | 112887 | 112897 | 112907 | 112917 | 112927 | 112937 | 112947 | 112957 | 112967 |  |
| Price €                            | 292,00 | 296,00 | 299,00 | 304,00 | 311,00 | 316,00 | 320,00 | 324,00 | 329,00 | 334,00 | 338,00 | 344,00 | 349,00 | 353,00 | 358,00 | 362,00 | 368,00 | 390,00 |  |

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PULLEYS AND SHEAVES  
LIFTING BEAMS  
CLAMPS  
FLOOR HANDLING EQUIPMENT

# Portable electric hoists

## minifor™

minifor™ with radio control and spring-loaded reeler 20 m, 27 m or 40 m.



| minifor™ with spring-loaded reeler for 20 m wire rope with H.F. remote control - 50 Hz |             |             |            |              |                                            |           |               |                |                |                           |
|----------------------------------------------------------------------------------------|-------------|-------------|------------|--------------|--------------------------------------------|-----------|---------------|----------------|----------------|---------------------------|
| Frequency 418 Mhz for models 115 V                                                     |             |             |            |              | Steel wire rope not included (see page 26) |           |               |                |                |                           |
| Frequency 433 Mhz for models 230 and 400 V                                             |             |             |            |              |                                            |           |               |                |                |                           |
| Standard Model                                                                         | Capacity kg | Speed m/min | Volt       | Motor type   | kW                                         | Weight kg | Dimensions mm | Wire rope ø mm | Code           | Price € without wire rope |
| TR10                                                                                   | 100         | 15          | 115<br>230 | Single-phase | 0.37                                       | 45        | 562/415/418   | 6.5            | 58669<br>42839 | 4214,00<br>5810,00        |
| TR30                                                                                   | 300         | 5           | 115<br>230 | Single-phase | 0.37                                       | 45        | 562/415/418   | 6.5            | 58809<br>42939 | 4308,00<br>5930,00        |

| minifor™ with spring-loaded reeler for 27 m wire rope with H.F. remote control - 50 Hz |             |             |            |              |                                            |           |               |                |                |                    |
|----------------------------------------------------------------------------------------|-------------|-------------|------------|--------------|--------------------------------------------|-----------|---------------|----------------|----------------|--------------------|
| Frequency 418 Mhz for models 115 V                                                     |             |             |            |              | Steel wire rope not included (see page 26) |           |               |                |                |                    |
| Frequency 433 Mhz for models 230 and 400 V                                             |             |             |            |              |                                            |           |               |                |                |                    |
| Standard Model                                                                         | Capacity kg | Speed m/min | Volt       | Motor type   | kW                                         | Weight kg | Dimensions mm | Wire rope ø mm | Code           | Price € sans câble |
| TR10                                                                                   | 100         | 15          | 115<br>230 | Single-phase | 0.37                                       | 50        | 583/415/418   | 6.5            | 58679<br>42859 | 4694,00<br>6468,00 |
| TR30                                                                                   | 300         | 5           | 115<br>230 | Single-phase | 0.37                                       | 50        | 583/415/418   | 6.5            | 58819<br>42959 | 4792,00<br>6593,00 |

| minifor™ with spring-loaded reeler for 40 m wire rope with H.F. remote control - 50 Hz |             |             |            |              |                                            |           |               |                |                  |                           |
|----------------------------------------------------------------------------------------|-------------|-------------|------------|--------------|--------------------------------------------|-----------|---------------|----------------|------------------|---------------------------|
| Frequency 418 Mhz for models 115 V                                                     |             |             |            |              | Steel wire rope not included (see page 26) |           |               |                |                  |                           |
| Frequency 433 Mhz for models 230 and 400 V                                             |             |             |            |              |                                            |           |               |                |                  |                           |
| Standard Model                                                                         | Capacity kg | Speed m/min | Volt       | Motor type   | kW                                         | Weight kg | Dimensions mm | Wire rope ø mm | Code             | Price € without wire rope |
| TR10                                                                                   | 100         | 15          | 115<br>230 | Single-phase | 0.37                                       | 52        | 622/415/418   | 6.5            | 108359<br>106269 | 5666,00<br>6894,00        |
| TR30                                                                                   | 300         | 5           | 115<br>230 | Single-phase | 0.37                                       | 52        | 622/415/418   | 6.5            | 108419<br>106279 | 5212,00<br>7195,00        |



# Portable electric hoists

## minifor™

minifor™ radio control and spring-loaded reeler 20 m, 27 m or 40 m.



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**minifor™ with spring-loaded reeler for 20 m wire rope with H.F. remote control - 60 Hz**

Frequency 418 Mhz for models 115 V  
Frequency 433 Mhz for models 230 and 400 V

**Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code  | Price € without wire rope |
|----------------|-------------|-------------|------|--------------|------|-----------|---------------|----------------|-------|---------------------------|
| TR10           | 100         | 15          | 115  | Single-phase | 0.37 | 45        | 562/415/418   | 6.5            | 58689 | 4322,00                   |
|                |             |             | 230  |              |      |           |               |                | 58699 | 4932,00                   |
| TR30           | 300         | 5           | 115  | Single-phase | 0.37 | 45        | 562/415/418   | 6.5            | 58829 | 4436,00                   |
|                |             |             | 230  |              |      |           |               |                | 58839 | 4970,00                   |

**minifor™ with spring-loaded reeler for 27 m wire rope with H.F. remote control - 60 Hz**

Frequency 418 Mhz for models 115 V  
Frequency 433 Mhz for models 230 and 400 V

**Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code  | Price € without wire rope |
|----------------|-------------|-------------|------|--------------|------|-----------|---------------|----------------|-------|---------------------------|
| TR10           | 100         | 15          | 115  | Single-phase | 0.37 | 50        | 583/415/418   | 6.5            | 58709 | 4840,00                   |
|                |             |             | 230  |              |      |           |               |                | 58719 | 5497,00                   |
| TR30           | 300         | 5           | 115  | Single-phase | 0.37 | 50        | 583/415/418   | 6.5            | 58849 | 4969,00                   |
|                |             |             | 230  |              |      |           |               |                | 58859 | 4810,00                   |

**minifor™ with spring-loaded reeler for 40 m wire rope with H.F. remote control - 60 Hz**

Frequency 418 Mhz for models 115 V  
Frequency 433 Mhz for models 230 and 400 V

**Steel wire rope not included (see page 26)**

| Standard Model | Capacity kg | Speed m/min | Volt | Motor type   | kW   | Weight kg | Dimensions mm | Wire rope ø mm | Code   | Price € without wire rope |
|----------------|-------------|-------------|------|--------------|------|-----------|---------------|----------------|--------|---------------------------|
| TR10           | 100         | 15          | 115  | Single-phase | 0.37 | 52        | 622/415/418   | 6.5            | 108379 | 5790,00                   |
|                |             |             | 230  |              |      |           |               |                | 108339 | 5655,00                   |
| TR30           | 300         | 5           | 115  | Single-phase | 0.37 | 52        | 622/415/418   | 6.5            | 108439 | 5869,00                   |
|                |             |             | 230  |              |      |           |               |                | 108399 | 5732,00                   |

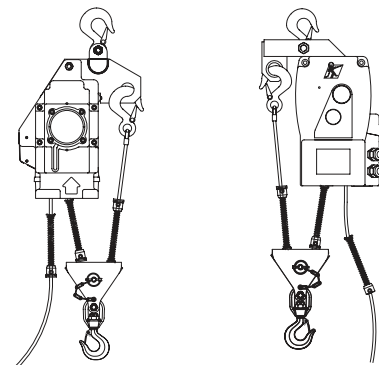
# Portable electric hoists

## minifor™

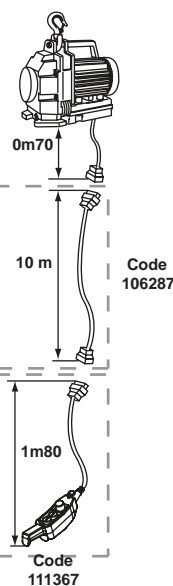
### extra equipment for minifor™

| minifor™ with sheave block kit (to be purchased separately)                                |             |            |              |      |           |        |                           |
|--------------------------------------------------------------------------------------------|-------------|------------|--------------|------|-----------|--------|---------------------------|
| packed in metal carrying box - The wire rope is not included in the hoist price (see page) |             |            |              |      |           |        |                           |
| Standard Model                                                                             | Capacity kg | Speed m/mn | Motor type   | kW   | Weight kg | Code   | Price € without wire rope |
| TR10                                                                                       | 200         | 7.5        | Single-phase | 0.37 | 35        | 108989 | 3380,00                   |
| TR30                                                                                       | 600         | 2.5        | Single-phase | 0.37 | 35        | 194259 | 3576,00                   |
| Delivered in cardboard box                                                                 |             |            |              |      |           |        |                           |
| TR30S                                                                                      | 600         | 6.5        | Single-phase | 1.1  | 44        | 198339 | 4266,00                   |
|                                                                                            |             |            | Three-phase  |      |           | 198479 | 4266,00                   |
| TR50                                                                                       | 950         | 3.5        | Single-phase | 1.1  | 44        | 108999 | 4413,00                   |
|                                                                                            |             |            | Three-phase  |      |           | 198489 | 4413,00                   |

Sheave block kit  
TR10/TR30/TR30S/TR50



| Extra equipment                                                                     |        |         |
|-------------------------------------------------------------------------------------|--------|---------|
| Description                                                                         | Code   | Price € |
| Sheave block kit with latch hook for TR10/TR30 Ø6.5mm                               | 18597  | 390,00  |
| Sheave block kit with latch hook for TR30S/TR50 Ø6.5mm                              | 18607  | 482,00  |
| Sheave block kit with self locking hook for TR10/TR30 Ø6.5mm                        | 217897 | 328,00  |
| Sheave block kit with self locking hook for TR30S/TR50 Ø6.5mm                       | 217887 | 396,00  |
| Adjustable end limit for TR10/30 Ø 5 mm                                             | 22097  | 18,40   |
| Adjustable end limit for TR10/30/50 Ø 6,5 mm                                        | 22217  | 16,00   |
| Metal box for TR10/30 standard                                                      | 60485  | 217,00  |
| Metal box for TR30S/TR50 standard                                                   | 102715 | 257,00  |
| Metal box for minifor™ + wire rope (all models)                                     | 60665  | 194,00  |
| Remote control 433 Mhz                                                              | 82526  | 1370,00 |
| Control box + wire rope length 1.80 m                                               | 111367 | 181,00  |
| 10 m extension plug-in pendant control box                                          | 106287 | 339,00  |
| 15 m extension plug-in pendant control box                                          | 112347 | 367,00  |
| 20 m extension plug-in pendant control box                                          | 113197 | 393,00  |
| Sheave block with latch hook for minifor™ standard                                  | 217367 | 190,00  |
| Sheave block with self locking hook for minifor™ standard                           | 217857 | 207,00  |
| Reeler, without wire rope                                                           | 22107  | 41,00   |
| Single phase electric cable per meters 3x1.5 mm <sup>2</sup>                        | 3341   | 4,00    |
| Three phase electric cable per meters 4x1.5 mm <sup>2</sup>                         | 3421   | 4,90    |
| <b>minifor Towbar Adapter</b> adaptor for vehicle a ball hitch for minifor™ TR125SY | 251279 | 294,00  |



| Wire rope for minifor™                                                                                |                   |         |                       |         |
|-------------------------------------------------------------------------------------------------------|-------------------|---------|-----------------------|---------|
| Wire rope Ø 6.5 mm fitted with a fixed hook<br>supplied with reeler up to 30 m, extra length on reel. |                   |         |                       |         |
| Length                                                                                                | Ø 6.5 mm standard |         | Ø 6.5 mm Non rotating |         |
|                                                                                                       | Code              | Price € | Code                  | Price € |
| 10 m                                                                                                  | 24719             | 137,00  | 193989                | 177,00  |
| 15 m                                                                                                  | 61219             | 155,00  | 199539                | 215,00  |
| 20 m                                                                                                  | 24729             | 197,00  | 193999                | 252,00  |
| 25 m                                                                                                  | 61229             | 220,00  | 199549                | 289,00  |
| 30 m                                                                                                  | 24739             | 243,00  | 194009                | 326,00  |
| 35 m                                                                                                  | 61239             | 266,00  | 199559                | 363,00  |
| 40 m                                                                                                  | 24749             | 289,00  | 194019                | 401,00  |
| 45 m                                                                                                  | 61249             | 325,00  | 199569                | 437,00  |
| 50 m                                                                                                  | 24759             | 335,00  | 194029                | 469,00  |
| 55 m                                                                                                  | 199699            | 358,00  | 199579                | 511,00  |
| 60 m                                                                                                  | 24769             | 381,00  | 194039                | 530,00  |
| 65 m                                                                                                  | 61269             | 405,00  | 199589                | 585,00  |
| 70 m                                                                                                  | 24779             | 427,00  | 199609                | 622,00  |
| 75 m                                                                                                  | 61279             | 454,00  | 199599                | 659,00  |
| 80 m                                                                                                  | 24789             | 473,00  | 194049                | 675,00  |
| Extra m.                                                                                              | 17361             | 5,30    | 25591                 | 7,40    |
| Wire rope breaking load                                                                               | 2840 daN          |         | 3430 daN              |         |

Pulleys: see pages 75 to 83

\* Prices are subject to change without prior notice

 \* Consult us for lengths of over 80 m.

# Wire rope for electric hoists

## tirak™

HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

### special wire rope for tirak™ - only 5 strands

| Length of wire rope | Code<br>ø 8 mm | Price €       | Code<br>ø 9 mm | Price €       | Code<br>ø 10 mm | Price €       | Code<br>ø 14 mm | Price €        |
|---------------------|----------------|---------------|----------------|---------------|-----------------|---------------|-----------------|----------------|
| <b>20 m</b>         | 46129          | <b>81,00</b>  | 17729          | <b>104,00</b> | 55139           | <b>130,00</b> | 34429           | <b>223,00</b>  |
| <b>30 m</b>         | 46139          | <b>127,00</b> | 17749          | <b>136,00</b> | 55149           | <b>165,00</b> | 34439           | <b>335,00</b>  |
| <b>40 m</b>         | 46149          | <b>173,00</b> | 17769          | <b>168,00</b> | 55159           | <b>200,00</b> | 34449           | <b>447,00</b>  |
| <b>50 m</b>         | 46159          | <b>219,00</b> | 17789          | <b>200,00</b> | 55169           | <b>235,00</b> | 34459           | <b>559,00</b>  |
| <b>60 m</b>         | 46169          | <b>265,00</b> | 17809          | <b>232,00</b> | 39349           | <b>270,00</b> | 36299           | <b>671,00</b>  |
| <b>70 m</b>         | 46179          | <b>311,00</b> | 17829          | <b>264,00</b> | 55179           | <b>305,00</b> | 34479           | <b>783,00</b>  |
| <b>80 m</b>         | 46189          | <b>357,00</b> | 17849          | <b>296,00</b> | 14959           | <b>340,00</b> | 34489           | <b>895,00</b>  |
| <b>90 m</b>         | 46199          | <b>403,00</b> | 17869          | <b>328,00</b> | 55189           | <b>375,00</b> | 34499           | <b>1007,00</b> |
| <b>100 m</b>        | 46209          | <b>449,00</b> | 17889          | <b>360,00</b> | 14979           | <b>410,00</b> | 34509           | <b>1119,00</b> |
| <b>Extra m.</b>     | 17401          | <b>4,60</b>   | 17321          | <b>3,20</b>   | 14641           | <b>3,50</b>   | 16401           | <b>11,20</b>   |

\* Prices are subject to change without prior notice



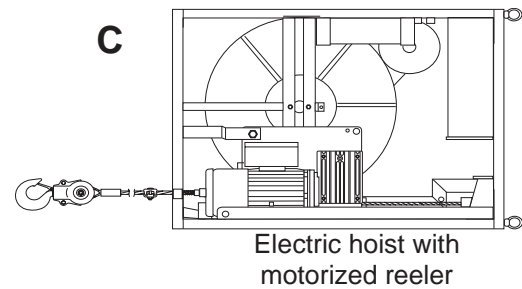
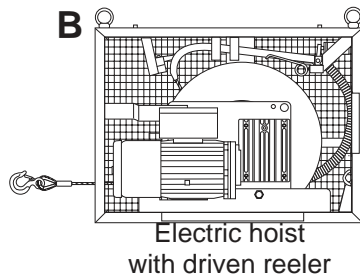
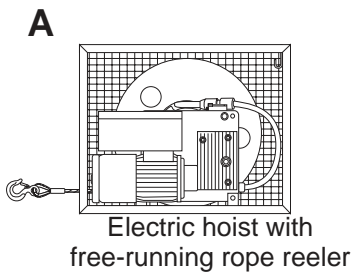
Models over 980 kg are equipped with load limiter, in compliance with European Directive 2006/42/CE and EN1808 + A1 (2010).

**Pulleys: see pages 75 to 83**

# Electric hoists

## tirak™ X

with frame and reeler



tirak™ electric hoist wire rope reeler

|              |              | Capacity | Length        | Speed  | Motor    | ø wire rope  | Weight          | Code              | Price €           |
|--------------|--------------|----------|---------------|--------|----------|--------------|-----------------|-------------------|-------------------|
|              |              | kg       | wire rope - m | m/mn   | KW       | mm           | kg              | without wire rope | without wire rope |
| <b>A</b>     | <b>X300</b>  | 300      | 60            | 8.5    | 0.5      | 8            | 60              | 188909/39389      | <b>6043,00</b>    |
|              | <b>X302</b>  |          |               | 17     | 0.9      |              | 60              | 188919/39389      | <b>6819,00</b>    |
|              | <b>X504</b>  | 500      | 60            | 4.5    | 0.5      | 8            | 75              | 188929/39399      | <b>7855,00</b>    |
|              | <b>X500</b>  |          |               | 9      | 0.9      |              | 75              | 188939/39399      | <b>7195,00</b>    |
|              | <b>X505</b>  |          |               | 4.5/9  | 0.5/0.9  |              | 85              | 188949/39399      | <b>8372,00</b>    |
|              | <b>X506</b>  |          |               | 4.5/18 | 0.5/1.8  |              | 85              | 188959/39399      | <b>8950,00</b>    |
|              | <b>X503</b>  |          |               | 9/18   | 0.9/1.8  |              | 85              | 188969/39399      | <b>8181,00</b>    |
|              | <b>X804</b>  |          |               | 800    | 60       |              | 4.5             | 0.75              | 8                 |
|              | <b>X800</b>  | 9        | 1.5           |        |          | 80           | 188989/39399    | <b>7694,00</b>    |                   |
|              | <b>X805</b>  | 4.5/9    | 0.75/1.5      |        |          | 85           | 188999/39399    | <b>8724,00</b>    |                   |
|              | <b>X806</b>  | 4.5/18   | 0.75/3        |        |          | 105          | 189009/39399    | <b>9104,00</b>    |                   |
|              | <b>X803</b>  | 9/18     | 1.5/3         |        |          | 85           | 189019/39399    | <b>8561,00</b>    |                   |
|              | <b>X1024</b> | 980      | 50            |        |          | 4.5          | 0.9             | 9                 |                   |
|              | <b>X1020</b> |          |               | 9      | 1.8      | 80           | 189039/39399    |                   | <b>7770,00</b>    |
|              | <b>X1025</b> |          |               | 4.5/9  | 0.9/1.8  | 90           | 189049/39399    |                   | <b>8934,00</b>    |
|              | <b>X1026</b> |          |               | 4.5/18 | 0.9/3.8  | 105          | 189059/39399    |                   | <b>9323,00</b>    |
|              | <b>X1023</b> |          |               | 9/18   | 1.8/3.8  | 90           | 189069/39399    |                   | <b>9064,00</b>    |
|              | <b>X3050</b> |          |               | 3000   | 110      | 6            | 3.8             |                   | 14                |
| <b>X3052</b> | 12           | 7.5      | 225           |        |          | 189099/30188 | <b>18324,00</b> |                   |                   |
| <b>B</b>     | <b>X504</b>  | 500      | 500           | 4.5    | 0.5      | 8            | 115             | 189109/32588      | <b>10313,00</b>   |
|              | <b>X500</b>  |          |               | 9      | 0.9      |              | 115             | 189119/32588      | <b>10023,00</b>   |
|              | <b>X505</b>  |          |               | 4.5/9  | 0.5/0.9  |              | 125             | 189129/32588      | <b>10832,00</b>   |
|              | <b>X506</b>  |          |               | 4.5/18 | 0.5/1.8  |              | 125             | 189139/32588      | <b>11291,00</b>   |
|              | <b>X503</b>  |          |               | 9/18   | 0.9/1.8  |              | 125             | 189149/32588      | <b>10663,00</b>   |
|              | <b>X804</b>  | 800      | 500           | 4.5    | 0.75     | 8            | 120             | 189159/32588      | <b>10606,00</b>   |
|              | <b>X800</b>  |          |               | 9      | 1.5      |              | 120             | 189169/32588      | <b>10312,00</b>   |
|              | <b>X805</b>  |          |               | 4.5/9  | 0.75/1.5 |              | 125             | 189179/32588      | <b>11305,00</b>   |
|              | <b>X806</b>  |          |               | 4.5/18 | 0.75/3   |              | 145             | 189189/32588      | <b>11901,00</b>   |
|              | <b>X803</b>  |          |               | 9/18   | 1.5/3    |              | 125             | 189199/32588      | <b>11515,00</b>   |
|              | <b>X1024</b> | 980      | 400           | 4.5    | 0.9      | 9            | 125             | 189219/32598      | <b>10722,00</b>   |
|              | <b>X1020</b> |          |               | 9      | 1.8      |              | 120             | 189229/32598      | <b>10433,00</b>   |
|              | <b>X1025</b> |          |               | 4.5/9  | 0.9/1.8  |              | 130             | 189239/32598      | <b>11410,00</b>   |
|              | <b>X1026</b> |          |               | 4.5/18 | 0.9/3.8  |              | 145             | 189249/32598      | <b>11991,00</b>   |
|              | <b>X1023</b> |          |               | 9/18   | 1.8/3.8  |              | 130             | 189259/32598      | <b>11607,00</b>   |
| <b>C</b>     | <b>X3050</b> | 3000     | 800           | 6      | 3.8      | 14           | 550             | 189279/34328      | <b>35267,00</b>   |
|              | <b>X3052</b> |          |               | 12     | 7.5      |              | 550             | 189289/34338      | <b>35458,00</b>   |

T = 3-phase 400V, 50Hz

Pendant control box 3 m with UP/DOWN and EMERGENCY STOP buttons

Wire rope, see page 27.

tirak™ with frame without reeler and tirak™ without frame and with reeler, On Request.



Models over 980 kg are equipped with load limiter, in compliance with European Directive 2006/42/CE and EN1808 + A1 (2010).

**Pulleys: see pages 75 to 83**

# Motorised hoists supertirfor™ TU-16H

## Motorised hoists with hydraulic controls

Lifting capacity: 1 600 kg



**Thermal  
or  
Electric motor**

Equipment A  
1 way  
1 x 1 600 kg



Equipment B  
2 ways  
2 x 1 600 kg



Equipment C  
4 ways  
4 x 1 600 kg



| supertirfor™ TU-16H                                                                           |        | 1 way - 1 x 1 600 kg |         | 2 ways - 2 x 1 600 kg |          | 4 ways - 4 x 1 600 kg |          |
|-----------------------------------------------------------------------------------------------|--------|----------------------|---------|-----------------------|----------|-----------------------|----------|
| Standard equipment                                                                            | Code   | Qty                  | Price € | Qty                   | Price €  | Qty                   | Price €  |
| Hydraulic power pack with electric pump, flow 13l/m (electric 3-phase motor 220 or 380 V 3kw) | 8488   | 1                    | 4379,00 |                       |          |                       |          |
| idem, 2 ways, flow 13 l/mn, power 3 kW                                                        | 1548   |                      |         | 1                     | 5128,00  |                       |          |
| idem, 4 ways, flow 13 l/mn, power 3 kW                                                        | 1558   |                      |         |                       |          | 1                     | 5725,00  |
| Set of 2 hoses Ø 10 mm (HP + LP) and quick release coupling, 3 m long                         | 6158   | 1                    | 270,00  | 2                     | 540,00   | 4                     | 1080,00  |
| supertirfor™ TU-16H with attachment for hydraulic cylinder (w/o operating handle)             | 398    | 1                    | 1725,00 | 2                     | 3450,00  | 4                     | 6900,00  |
| Ram, VA2 with quick release couplings                                                         | 1138   | 1                    | 1265,00 | 2                     | 2530,00  | 4                     | 5060,00  |
| Hydraulic oil can, 20 l                                                                       | 107320 | 1                    | 109,00  | 1                     | 109,00   | 1                     | 109,00   |
| <b>supertirfor™ TU-16H standard equipment complete</b>                                        |        | 199249               | 7738,00 | 199259                | 11737,00 | 199269                | 18834,00 |
| <b>Accessories</b>                                                                            |        |                      |         |                       |          |                       |          |
| Wire rope Ø 11.5 mm, standard length 20 m**                                                   | 54759  |                      | 196,00  |                       |          |                       |          |
| Extra meters of wire rope, Ø 11.5 mm**                                                        | 17331  |                      | 8,40    |                       |          |                       |          |
| Hydraulic pack with petrol engine flow 13 l / mn, 1 way                                       | 1168   |                      | 5132,00 |                       |          |                       |          |
| Hydraulic pack with petrol engine flow 13 l / mn, 2 ways                                      | 4768   |                      | 5769,00 |                       |          |                       |          |
| Hydraulic pack with petrol engine flow 13 l / mn, 4 ways                                      | 4778   |                      | 6398,00 |                       |          |                       |          |

| Hoses Ø 10 mm (HP + LP) |        |        |        |        |        |        |        |        |        |        |        |        |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Length (m)              | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     | 12     | 13     | 14     |
| Code                    | 6158   | 56098  | 84828  | 84838  | 56108  | 56088  | 84848  | 84858  | 84868  | 84878  | 56118  | 56128  |
| Price €                 | 285,00 | 309,00 | 337,00 | 368,00 | 409,00 | 439,00 | 471,00 | 502,00 | 522,00 | 557,00 | 578,00 | 620,00 |

| Hoses Ø 13 mm (HP + LP) |        |        |        |        |         |         |         |         |         |         |
|-------------------------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| Length (m)              | 15     | 16     | 17     | 18     | 19      | 20      | 25      | 30      | 35      | 40      |
| Code                    | 84888  | 84898  | 84908  | 56198  | 84918   | 84928   | 84968   | 84978   | 84988   | 84998   |
| Price €                 | 868,00 | 905,00 | 942,00 | 980,00 | 1015,00 | 1052,00 | 1235,00 | 1420,00 | 1599,00 | 1786,00 |

\* : 50 Hz, 220, 230, 380, 400 or 415 V - 60 Hz, 440 or 460 V

\*\* Prices are subject to change without prior notice

\*\*\* For wire rope length over 80m and/or in case of sheaving application, please consult us.

Consult us for lengths of over 40 m.

**Pulleys: see pages 75 to 83**

# Motorised hoists

## supertirfor™ TU-32H

### Motorised hoists with hydraulic controls

Lifting capacity: 3 200 kg

**Thermal  
or  
Electric motor**



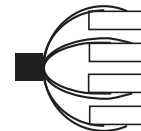
Equipment A  
1 way  
1 x 3 200 kg



Equipment B  
2 ways  
2 x 3 200 kg



Equipment C  
4 ways  
4 x 3 200 kg



| supertirfor™ TU-32H                                                   |        | 1 way - 1 x 3 200 kg |         | 2 ways - 2 x 3 200 kg |          | 4 ways - 4 x 3 200 kg |          |
|-----------------------------------------------------------------------|--------|----------------------|---------|-----------------------|----------|-----------------------|----------|
| Standard equipment                                                    | Code   | Qty                  | Price € | Qty                   | Price €  | Qty                   | Price €  |
| Hydraulic power pack with electric pump, flow 13l/m 3 phase*          | 8488   | 1                    | 4379,00 |                       |          |                       |          |
| idem, 2 ways, flow 13 l/mn, power 3 kW                                | 1548   |                      |         | 1                     | 5128,00  |                       |          |
| idem, 4 ways, flow 13 l/mn, power 3 kW                                | 1558   |                      |         |                       |          | 1                     | 5725,00  |
| Set of 2 hoses Ø 10 mm (HP + LP) and quick release coupling, 3 m long | 6158   | 1                    | 270,00  | 2                     | 540,00   | 4                     | 1080,00  |
| supertirfor™ TU-32H with attachment for hydraulic cylinder            | 4748   | 1                    | 2481,00 | 2                     | 4962,00  | 4                     | 9924,00  |
| Ram, VA3 with quick release couplings                                 | 8678   | 1                    | 1472,00 | 2                     | 2944,00  | 4                     | 5888,00  |
| Hydraulic oil can, 18 kg                                              | 107320 | 1                    | 109,00  | 1                     | 109,00   | 1                     | 109,00   |
| <b>supertirfor™ TU-32H standard equipment complete</b>                |        | 199279               | 8711,00 | 199289                | 13683,00 | 199299                | 22726,00 |
| <b>Accessories</b>                                                    |        |                      |         |                       |          |                       |          |
| Wire rope Ø 16.3 mm, standard length 20 m**                           | 54959  |                      | 325,00  |                       |          |                       |          |
| Extra meters of wire rope**                                           | 17341  |                      | 11,70   |                       |          |                       |          |
| Hydraulic pack with petrol engine flow 13 l / mn, 1 way               | 1168   |                      | 5132,00 |                       |          |                       |          |
| Hydraulic pack with petrol engine flow 13 l / mn, 2 ways              | 4768   |                      | 5769,00 |                       |          |                       |          |
| Hydraulic pack with petrol engine flow 13 l / mn, 4 ways              | 4778   |                      | 6398,00 |                       |          |                       |          |

| Hoses Ø 10 mm (HP + LP) |        |        |        |        |        |        |        |        |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
| Length (m)              | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     |
| Code                    | 6158   | 56098  | 84828  | 84838  | 56108  | 56088  | 84848  | 84858  |
| Price €                 | 270,00 | 309,00 | 337,00 | 368,00 | 397,00 | 439,00 | 471,00 | 502,00 |

| Hoses Ø 13 mm (HP + LP) |        |        |        |        |        |        |        |        |         |         |         |         |         |         |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|---------|---------|
| Length (m)              | 11     | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19      | 20      | 25      | 30      | 35      | 40      |
| Code                    | 196528 | 196538 | 196548 | 196558 | 84888  | 84898  | 84908  | 56198  | 84918   | 84928   | 84968   | 84978   | 84988   | 84998   |
| Price €                 | 685,00 | 718,00 | 752,00 | 758,00 | 868,00 | 905,00 | 942,00 | 980,00 | 1015,00 | 1052,00 | 1235,00 | 1420,00 | 1599,00 | 1786,00 |

\* : 50 Hz, 220, 230, 380, 400 or 415 V - 60 Hz, 440 or 460 V

\*\* Prices are subject to change without prior notice

\*\*\* For wire rope length over 80m and/or in case of sheaving application, please consult.

Consult us for lengths of over 40 m.

Pulleys: see pages 75 to 83

# Motorised hoists

## supertirfor™ TU-16A and TU-32A

Lifting and pulling machine with pneumatic ram

### supertirfor™ TU-16A

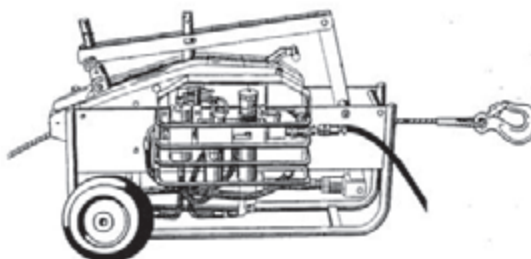


| supertirfor™ TU-16A lifting capacity: 1 600 kg                                                      |       |         |
|-----------------------------------------------------------------------------------------------------|-------|---------|
| Standard equipment                                                                                  | Code  | Price € |
| supertirfor™ TU-16 mounted in a frame and fitted with pneumatic ram, controls linked to the machine | 77959 | 6800,00 |
| Wire rope ø 11.5 mm, standard length 20 m*/**                                                       | 54759 | 196,00  |
| Extra meters of wire rope*/**                                                                       | 17331 | 8,40    |

\* Prices are subject to change without prior notice

\*\* For wire rope length over 80m and/or in case of sheaving application, please consult us.

### supertirfor™ TU-32A



| supertirfor™ TU-32A lifting capacity: 3 200 kg                                                      |       |         |
|-----------------------------------------------------------------------------------------------------|-------|---------|
| Standard equipment                                                                                  | Code  | Price € |
| supertirfor™ TU-32 mounted in a frame and fitted with pneumatic ram, controls linked to the machine | 5909  | 9078,00 |
| Wire rope ø 16.3 mm, standard length 20 m*/**                                                       | 54959 | 325,00  |
| Extra meters of wire rope*/**                                                                       | 17341 | 11,70   |

\* Prices are subject to change without prior notice

\*\* For wire rope length over 80m and/or in case of sheaving application, please consult us.

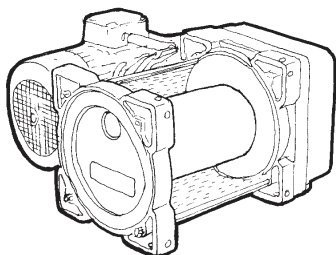
Pulleys: see pages 75 to 83

# Powered drum winches

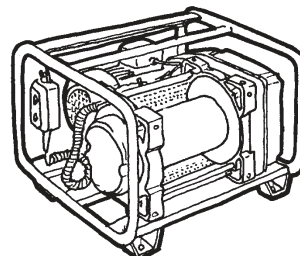
## caRol™ TE and caRol™ TC

Powerful, compact and versatile

caRol™ TE model without frame



caRol™ TC model with frame



In standard version

- Motor: Single phase 230 V 50 hz  
Three phase 230/400 V 50 Hz
- Pendant control box, length 3 m
- TBT 24 V
- Class F - IP 55 Protection
- Electromagnetic brake 24 V or 190 V
- Steel drum
- Emergency stop
- Upper and lower limit switches

**Capacity:** 250, 350 kg and 500 kg  
**Wire rope length:** 42 and 56 meters  
**Speed:** 12, 15 and 23 m/mn

| caRol™ TE and TC: capacity 250, 350 and 500 kg (with or without frame) |            |            |                        |                  |            | TE (without frame) |                           | TC (with frame) |                           |
|------------------------------------------------------------------------|------------|------------|------------------------|------------------|------------|--------------------|---------------------------|-----------------|---------------------------|
| Capacity kg                                                            | Motor kW   | Speed m/mn | Capacity wire rope (m) | ∅ wire rope (mm) | Weight* kg | Code               | Price € without wire rope | Code            | Price € without wire rope |
| 250                                                                    | 1.1 (1 ph) | 23         | 56                     | 5                | 51         | 193088             | 4105,00                   | 193258          | On Request                |
|                                                                        | 1.1 (3 ph) | 23         | 56                     | 5                | 51         | 193098             | 4105,00                   | 193268          |                           |
| 350                                                                    | 1.1 (1 ph) | 15         | 56                     | 5                | 51         | 193108             | 4190,00                   | 193278          |                           |
|                                                                        | 1.1 (3 ph) | 15         | 56                     | 5                | 51         | 193118             | 4190,00                   | 193288          |                           |
| 500                                                                    | 1.1 (1 ph) | 12         | 42                     | 7                | 51         | 193128             | 4220,00                   | 193298          |                           |
|                                                                        | 1.1 (3 ph) | 12         | 42                     | 7                | 51         | 193138             | 4220,00                   | 193308          |                           |

| Accessories:                               |       |         |
|--------------------------------------------|-------|---------|
| Model                                      | Code  | Price € |
| <b>Wire rope:</b>                          |       |         |
| Diameter 5 mm - Length 20 m*               | 26459 | 152,00  |
| Extra meters ∅ 5 mm*                       | 16271 | 4,80    |
| Diameter 7 mm - Length 20 m*               | 26489 | 159,00  |
| Extra meters ∅ 7 mm*                       | 16281 | 5,10    |
| Meter of electrical cable                  |       |         |
| (Push-button controls with emergency stop) | 9771  | 5,20    |

\* Prices are subject to change without prior notice

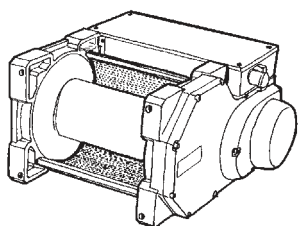
Pulleys: see pages 75 to 83



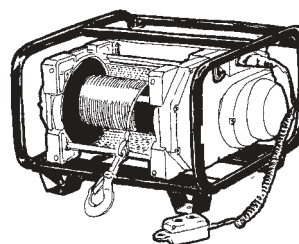
# Powered drum winches

## caRol™ TE and caRol™ TC Powerfull, compact and versatile

### caRol™ TE model without frame



### caRol™ TC model with frame



#### In standard version

- Motor: Single phase 230 V 50 Hz Three phase 230/400 V 50 Hz
- Pendant control box, length 3 m
- TBT 24 V
- Class F - IP 55 Protection
- Electromagnetic brake 24 V
- Steel drum
- Emergency stop
- Upper and lower limit switches

**Capacity:** 600, 800, 990 kg and 1 500 kg  
**Wire rope length:** 27 to 93 meters  
**Speed:** 5 and 32 m/min

| caRol™ TE and TC: capacity 600, 990 and 1 500 kg (with or without frame) |             |            |                        |                  |            | TE (without frame) |                           | TC (with frame) |                           |
|--------------------------------------------------------------------------|-------------|------------|------------------------|------------------|------------|--------------------|---------------------------|-----------------|---------------------------|
| Capacity kg                                                              | Motor kW    | Speed m/mn | Capacity wire rope (m) | ø wire rope (mm) | Weight* kg | Code               | Price € without wire rope | Code            | Price € without wire rope |
| <b>600</b>                                                               | 1.5 (1 ph)  | 11         | 93                     | 7                | On request | 193148             | <b>6084,00</b>            | 193318          | On request                |
|                                                                          | 0.75 (3 ph) | 6          |                        |                  |            | 193158             | <b>6084,00</b>            | 193328          |                           |
|                                                                          | 2.2 (3 ph)  | 19         |                        |                  |            | 193168             | <b>6171,00</b>            | 193338          |                           |
|                                                                          | 4 (3 ph)    | 32         |                        |                  |            | 193178             | <b>6782,00</b>            | 193348          |                           |
| <b>800</b>                                                               | 1.1 (1 ph)  | 5          | 59                     | 8                | On request | 193428             | <b>6348,00</b>            | 193438          |                           |
|                                                                          | 1.1 (3 ph)  | 5          |                        |                  |            | 193448             | <b>6348,00</b>            | 193488          |                           |
|                                                                          | 2.2 (3 ph)  | 10         |                        |                  |            | 193458             | <b>6433,00</b>            | 193498          |                           |
|                                                                          | 3 (3 ph)    | 14         |                        |                  |            | 193468             | <b>6658,00</b>            | 193508          |                           |
|                                                                          | 4 (3 ph)    | 18         |                        |                  |            | 193478             | <b>7043,00</b>            | 193518          |                           |
| <b>990</b>                                                               | 1.1 (1 ph)  | 5          | 53                     | 9                | On request | 193188             | <b>6348,00</b>            | 193358          |                           |
|                                                                          | 1.1 (3 ph)  | 5          |                        |                  |            | 193198             | <b>6348,00</b>            | 193368          |                           |
|                                                                          | 2.2 (3 ph)  | 10         |                        |                  |            | 193208             | <b>6515,00</b>            | 193378          |                           |
|                                                                          | 4 (3 ph)    | 18         |                        |                  |            | 193218             | <b>7043,00</b>            | 193388          |                           |
| <b>1 500</b>                                                             | 1.5 (1 ph)  | 5          | 27                     | 11.5             | On request | 193228             | <b>6433,00</b>            | 193398          |                           |
|                                                                          | 1.5 (3 ph)  | 5          |                        |                  |            | 193238             | <b>6433,00</b>            | 193408          |                           |
|                                                                          | 3 (3 ph)    | 10         |                        |                  |            | 193248             | <b>6658,00</b>            | 193418          |                           |
|                                                                          | 5.5 (3 ph)  | 18         |                        |                  |            | 193528             | <b>7700,00</b>            | 193538          |                           |

| Option:                                                               |       |               |
|-----------------------------------------------------------------------|-------|---------------|
| Model                                                                 | Code  | Price €       |
| <b>Wire rope:</b>                                                     |       |               |
| - Diameter 7 mm - Length 20 m**                                       | 26489 | <b>159,00</b> |
| Extra meters Ø 7 mm**                                                 | 16281 | <b>5,10</b>   |
| - Diameter 8 mm - Length 20 m**                                       | 26519 | <b>204,00</b> |
| Extra meters Ø 8 mm**                                                 | 16291 | <b>6,75</b>   |
| - Diameter 9 mm - Length 20 m**                                       | 26549 | <b>218,00</b> |
| Extra meters Ø 9 mm**                                                 | 16301 | <b>7,35</b>   |
| - Diameter 11.5 mm - Length 20 m**                                    | 26579 | <b>294,00</b> |
| Extra meters Ø 11.5 mm**                                              | 16311 | <b>10,60</b>  |
| Meters of electrical cable (Push-button controls with emergency stop) | 9771  | <b>5,20</b>   |

\* Weight of winch without wire rope and without frame.  
 \*\* Prices are subject to change without prior notice

**Pulleys: see pages 75 to 83**

## New range of electric chain hoists from 250 to 1 250 kg

The electric hoists **tralift™ TT** have been specially designed to meet the demanding requirements, where process safety of crane systems is important. They adapt to severe uses and working environments.

### ADAPTED TO SEVERE CONDITIONS

- Recommended for dusty or humid environments and outdoors owing to its IP65 protection rating
- Increased life time enabled by its gearbox with permanent lubrication and its profiled steel chain (manganese phosphated)
- Area of application -15 to +50 °C

### RELIABLE AND LONG-LASTING

- Extended continuous use due to its optimal cooling system
- Minimum wear: 1600 operating hours (FEM 2m, ISO M5) before general overhaul
- Designed and manufactured in Europe
- 3 years warranty

### EASY TO OPERATE AND MAINTAIN

- Quiet running (65 dB)
- Weight and head room restrained owing to its compact housing
- Easy to maintain: wearing parts can quickly and easily be removed and replaced thanks to its modular design

### SAFE

- Low-wear DC-spring-loaded brake
- Embedded load limiter
- Adjustable Low and High electrical limit switches build in the hoist housing (for 3ph version)
- Strengthened load hook with forged safety latch
- Chain safety factor of at least 8 times (FEM 2m, ISO M5)

### NUMEROUS OPERATING CONFIGURATIONS

- Capacity from 160 kg to 1 250 kg\*
- Working class from M3/1Bm to M7/4m
- Lifting height: from 3 meters until above 100 meters
- Lifting speed: 1m/min to 8m/min
- Single Phase Power Supply (230V/1Ph/50Hz) or 3 phases (400V/3Ph/50Hz)\*\*
- Ergonomic control switch with wire or wireless
- Corrosion resistant versions with INOX components
- ATEX version \*\*\*

\* Other capacities available on request

\*\* Other voltages: please contact us

\*\*\* Please contact us



## New range of electrics chain hoists 3-phases from 250 to 1 250 kg



Suspension hook in option



tralift™ TT electric chain hoist 3-phases 400 V - 50 Hz

| Capacity (kg) | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height (m)       |                          |                          |                          | Add. m. chain                 | Add. m. pendant control box   | suspension hook        |
|---------------|---------------|---------------------|----------------|-----|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------------|-------------------------------|------------------------|
|               |               |                     | FEM            | ISO |                 | 3                        | 4                        | 5                        | 6                        | Lg. maxi. (m)                 | Lg. maxi. (m)                 |                        |
| 250           | 1             | 8                   | 2m             | M5  | IP65            | 263009<br><b>1620,00</b> | 263019<br><b>1640,00</b> | 263029<br><b>1661,00</b> | 263039<br><b>1681,00</b> | 232507<br><b>20,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
|               | 1             | 8-2                 | 2m             | M5  | IP65            | 263209<br><b>1659,00</b> | 263219<br><b>1680,00</b> | 263229<br><b>1700,00</b> | 263239<br><b>1721,00</b> | 232507<br><b>20,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
| 320           | 1             | 8                   | 1Am            | M4  | IP65            | 263049<br><b>1620,00</b> | 263059<br><b>1640,00</b> | 263069<br><b>1661,00</b> | 263079<br><b>1681,00</b> | 232507<br><b>20,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
|               | 1             | 8-2                 | 1Am            | M4  | IP65            | 263249<br><b>1659,00</b> | 263259<br><b>1680,00</b> | 263269<br><b>1700,00</b> | 263279<br><b>1721,00</b> | 232507<br><b>20,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
| 400           | 1             | 8                   | 1Bm            | M3  | IP65            | 263089<br><b>1620,00</b> | 263099<br><b>1640,00</b> | 263109<br><b>1661,00</b> | 263119<br><b>1681,00</b> | 232507<br><b>20,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
|               | 1             | 8-2                 | 1Bm            | M3  | IP65            | 263289<br><b>1659,00</b> | 263299<br><b>1680,00</b> | 263309<br><b>1700,00</b> | 263319<br><b>1721,00</b> | 232507<br><b>20,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
| 500           | 1             | 8                   | 2m             | M5  | IP65            | 263729<br><b>1758,00</b> | 263739<br><b>1781,00</b> | 263749<br><b>1804,00</b> | 263759<br><b>1827,00</b> | 232527<br><b>25,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
|               | 1             | 8-2                 | 2m             | M5  | IP65            | 263929<br><b>1796,00</b> | 263939<br><b>1819,00</b> | 263949<br><b>1842,00</b> | 263959<br><b>1865,00</b> | 232527<br><b>25,00</b><br>120 | 195127<br><b>12,00</b><br>119 | 233487<br><b>82,00</b> |
|               | 2             | 4                   | 2m             | M5  | IP65            | 263409<br><b>1717,00</b> | 263419<br><b>1753,00</b> | 263429<br><b>1792,00</b> | 263439<br><b>1828,00</b> | 232517<br><b>40,00</b><br>60  | 195127<br><b>12,00</b><br>59  | 233487<br><b>82,00</b> |
|               | 2             | 4-1                 | 2m             | M5  | IP65            | 263569<br><b>1756,00</b> | 263579<br><b>1792,00</b> | 263589<br><b>1832,00</b> | 263599<br><b>1868,00</b> | 232517<br><b>40,00</b><br>60  | 195127<br><b>12,00</b><br>59  | 233487<br><b>82,00</b> |

Net unit prices in Euro before tax

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

## New range of electric chain hoists 3-phases from 250 to 1 250 kg



Suspension hook in option



| tralift™ TT electric chain hoist 3-phases 400 V - 50 Hz |               |                     |                |      |                 |                    |                |                |                |               |                             |                 |
|---------------------------------------------------------|---------------|---------------------|----------------|------|-----------------|--------------------|----------------|----------------|----------------|---------------|-----------------------------|-----------------|
| Capacity (kg)                                           | Nber of falls | Lifting speed m/min | Classification |      | Protection I.P. | Lifting height (m) |                |                |                | Add. m. chain | Add. m. pendant control box | suspension hook |
|                                                         |               |                     | FEM            | ISO  |                 | 3                  | 4              | 5              | 6              | Lg. maxi. (m) | Lg. maxi. (m)               |                 |
| 630                                                     | 1             | 8                   | 1Am            | M4   | IP65            | 263769             | 263779         | 263789         | 263799         | 232527        | 195127                      | 233487          |
|                                                         |               |                     |                |      |                 | <b>1761,00</b>     | <b>1784,00</b> | <b>1807,00</b> | <b>1830,00</b> | <b>25,00</b>  | <b>12,00</b>                | <b>82,00</b>    |
|                                                         |               |                     |                |      |                 |                    |                |                | 120            | 119           |                             |                 |
|                                                         | 1             | 8-2                 | 1Am            | M4   | IP65            | 263969             | 263979         | 263989         | 263999         | 232527        | 195127                      | 233487          |
| <b>1799,00</b>                                          |               |                     |                |      |                 | <b>1822,00</b>     | <b>1845,00</b> | <b>1868,00</b> | <b>25,00</b>   | <b>12,00</b>  | <b>82,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 120            | 119           |                             |                 |
| 2                                                       | 4             | 1Am                 | M4             | IP65 | 263489          | 263499             | 263509         | 263519         | 232537         | 195127        | 233487                      |                 |
|                                                         |               |                     |                |      | <b>1720,00</b>  | <b>1756,00</b>     | <b>1795,00</b> | <b>1831,00</b> | <b>50,00</b>   | <b>12,00</b>  | <b>82,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 60             | 59            |                             |                 |
| 2                                                       | 4-1           | 1Am                 | M4             | IP65 | 263649          | 263659             | 263669         | 263679         | 232537         | 195127        | 233487                      |                 |
|                                                         |               |                     |                |      | <b>1759,00</b>  | <b>1795,00</b>     | <b>1835,00</b> | <b>1870,00</b> | <b>50,00</b>   | <b>12,00</b>  | <b>82,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 60             | 59            |                             |                 |
| 800                                                     | 1             | 8                   | 1Bm            | M3   | IP65            | 263809             | 263819         | 263829         | 263839         | 232527        | 195127                      | 233487          |
|                                                         |               |                     |                |      |                 | <b>1758,00</b>     | <b>1781,00</b> | <b>1804,00</b> | <b>1827,00</b> | <b>25,00</b>  | <b>12,00</b>                | <b>82,00</b>    |
|                                                         |               |                     |                |      |                 |                    |                |                | 120            | 119           |                             |                 |
| 1                                                       | 8-2           | 1Bm                 | M3             | IP65 | 264009          | 264019             | 264029         | 264039         | 232527         | 195127        | 233487                      |                 |
|                                                         |               |                     |                |      | <b>1796,00</b>  | <b>1819,00</b>     | <b>1842,00</b> | <b>1865,00</b> | <b>25,00</b>   | <b>12,00</b>  | <b>82,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 120            | 119           |                             |                 |
| 1 000                                                   | 1             | 8                   | 2m             | M5   | IP65            | 273899             | 273909         | 273919         | 273929         | 232637        | 195127                      | 232697          |
|                                                         |               |                     |                |      |                 | <b>2462,00</b>     | <b>2494,00</b> | <b>2526,00</b> | <b>2566,00</b> | <b>35,00</b>  | <b>12,00</b>                | <b>95,00</b>    |
|                                                         |               |                     |                |      |                 |                    |                |                | 36             | 35            |                             |                 |
|                                                         | 1             | 8-2                 | 2m             | M5   | IP65            | 274099             | 274109         | 274119         | 274129         | 232637        | 195127                      | 232697          |
| <b>2489,00</b>                                          |               |                     |                |      |                 | <b>2522,00</b>     | <b>2554,00</b> | <b>2586,00</b> | <b>35,00</b>   | <b>12,00</b>  | <b>95,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 36             | 35            |                             |                 |
| 2                                                       | 4             | 2m                  | M5             | IP65 | 264129          | 264139             | 264149         | 264159         | 232537         | 195127        | 233487                      |                 |
|                                                         |               |                     |                |      | <b>1867,00</b>  | <b>1911,00</b>     | <b>1952,00</b> | <b>1993,00</b> | <b>50,00</b>   | <b>12,00</b>  | <b>82,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 60             | 59            |                             |                 |
| 2                                                       | 4-1           | 2m                  | M5             | IP65 | 264289          | 264299             | 264309         | 264319         | 232537         | 195127        | 233487                      |                 |
|                                                         |               |                     |                |      | <b>1905,00</b>  | <b>1949,00</b>     | <b>1990,00</b> | <b>2031,00</b> | <b>50,00</b>   | <b>12,00</b>  | <b>82,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 60             | 59            |                             |                 |
| 1 250                                                   | 2             | 4                   | 1Am            | M4   | IP65            | 264209             | 264219         | 264229         | 264239         | 232537        | 195127                      | 233487          |
|                                                         |               |                     |                |      |                 | <b>1871,00</b>     | <b>1912,00</b> | <b>1957,00</b> | <b>1998,00</b> | <b>50,00</b>  | <b>12,00</b>                | <b>82,00</b>    |
|                                                         |               |                     |                |      |                 |                    |                |                | 60             | 59            |                             |                 |
| 2                                                       | 4-1           | 1Am                 | M4             | IP65 | 264369          | 264379             | 264389         | 264399         | 232537         | 195127        | 233487                      |                 |
|                                                         |               |                     |                |      | <b>1910,00</b>  | <b>1954,00</b>     | <b>1995,00</b> | <b>2036,00</b> | <b>50,00</b>   | <b>12,00</b>  | <b>82,00</b>                |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 60             | 59            |                             |                 |

Net unit prices in Euro before tax

## New range of electric chain hoists 3-phases from 250 to 1 250 kg, equipped a electric trolley 1 speed 12 m/min



HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

| tralift™ TT electric chain hoist 3-phases 400 V - 50 Hz + electric trolley 1 speed 12 m/min |                     |                           |                |       |                    |                       |                |                |                |                  |                                      |                      |              |              |              |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|-------|--------------------|-----------------------|----------------|----------------|----------------|------------------|--------------------------------------|----------------------|--------------|--------------|--------------|
| W.L.L.<br>(kg)                                                                              | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |       | Protection<br>I.P. | Lifting height<br>(m) |                |                |                | Add. m.<br>chain | Add. m.<br>pendant<br>control<br>box | Option hanger bar    |              |              |              |
|                                                                                             |                     |                           | FEM            | ISO   |                    | 3                     | 4              | 5              | 6              |                  |                                      | L1<br>standard<br>mm | L2<br>mm     | L3<br>mm     | L4<br>mm     |
|                                                                                             |                     |                           |                |       |                    |                       |                |                |                |                  | Lg.<br>maxi.<br>(m)                  | Lg.<br>maxi.<br>(m)  |              |              |              |
| 250                                                                                         | 1                   | 8                         | 2m             | M5    | IP65               | 265739                | 265749         | 265759         | 265769         | 232507           | 195137                               | -                    | 195567       | 195577       | 195587       |
|                                                                                             |                     |                           |                |       |                    | <b>2556,00</b>        | <b>2578,00</b> | <b>2599,00</b> | <b>2622,00</b> | <b>20,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b> | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           | 120            | 119   | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                      |                      |              |              |              |
|                                                                                             | 1                   | 8-2                       | 2m             | M5    | IP65               | 265939                | 265949         | 265959         | 265969         | 232507           | 195137                               | -                    | 195567       | 195577       | 195587       |
| <b>2597,00</b>                                                                              |                     |                           |                |       |                    | <b>2618,00</b>        | <b>2639,00</b> | <b>2660,00</b> | <b>20,00</b>   | <b>22,00</b>     | -                                    | <b>21,00</b>         | <b>25,00</b> | <b>33,00</b> |              |
|                                                                                             |                     | 120                       | 119            | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                      |                      |              |              |              |
| 320                                                                                         | 1                   | 8                         | 1Am            | M4    | IP65               | 265779                | 265789         | 265799         | 265809         | 232507           | 195137                               | -                    | 195567       | 195577       | 195587       |
|                                                                                             |                     |                           |                |       |                    | <b>2556,00</b>        | <b>2578,00</b> | <b>2599,00</b> | <b>2622,00</b> | <b>20,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b> | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           | 120            | 119   | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                      |                      |              |              |              |
|                                                                                             | 1                   | 8-2                       | 1Am            | M4    | IP65               | 265979                | 265989         | 265999         | 270009         | 232507           | 195137                               | -                    | 195567       | 195577       | 195587       |
| <b>2597,00</b>                                                                              |                     |                           |                |       |                    | <b>2618,00</b>        | <b>2639,00</b> | <b>2660,00</b> | <b>20,00</b>   | <b>22,00</b>     | -                                    | <b>21,00</b>         | <b>25,00</b> | <b>33,00</b> |              |
|                                                                                             |                     | 120                       | 119            | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                      |                      |              |              |              |
| 400                                                                                         | 1                   | 8                         | 1Bm            | M3    | IP65               | 265819                | 265829         | 265839         | 265849         | 232507           | 195137                               | -                    | 195567       | 195577       | 195587       |
|                                                                                             |                     |                           |                |       |                    | <b>2556,00</b>        | <b>2578,00</b> | <b>2599,00</b> | <b>2622,00</b> | <b>20,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b> | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           | 120            | 119   | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                      |                      |              |              |              |
|                                                                                             | 1                   | 8-2                       | 1Bm            | M3    | IP65               | 270019                | 270029         | 270039         | 270049         | 232507           | 195137                               | -                    | 195567       | 195577       | 195587       |
| <b>2597,00</b>                                                                              |                     |                           |                |       |                    | <b>2618,00</b>        | <b>2639,00</b> | <b>2660,00</b> | <b>20,00</b>   | <b>22,00</b>     | -                                    | <b>21,00</b>         | <b>25,00</b> | <b>33,00</b> |              |
|                                                                                             |                     | 120                       | 119            | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                      |                      |              |              |              |
| 500                                                                                         | 1                   | 8                         | 2m             | M5    | IP65               | 270459                | 270469         | 270479         | 270489         | 232527           | 195137                               | -                    | 195567       | 195577       | 195587       |
|                                                                                             |                     |                           |                |       |                    | <b>2682,00</b>        | <b>2705,00</b> | <b>2728,00</b> | <b>2753,00</b> | <b>25,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b> | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           | 120            | 119   | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                      |                      |              |              |              |
|                                                                                             | 1                   | 8-2                       | 2m             | M5    | IP65               | 270659                | 270669         | 270679         | 270689         | 232527           | 195137                               | -                    | 195567       | 195577       | 195587       |
| <b>2721,00</b>                                                                              |                     |                           |                |       |                    | <b>2744,00</b>        | <b>2767,00</b> | <b>2790,00</b> | <b>25,00</b>   | <b>22,00</b>     | -                                    | <b>21,00</b>         | <b>25,00</b> | <b>33,00</b> |              |
|                                                                                             |                     | 120                       | 119            | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                      |                      |              |              |              |
| 500                                                                                         | 2                   | 4                         | 2m             | M5    | IP65               | 270139                | 270149         | 270159         | 270169         | 232517           | 195137                               | -                    | 195567       | 195577       | 195587       |
|                                                                                             |                     |                           |                |       |                    | <b>2650,00</b>        | <b>2686,00</b> | <b>2726,00</b> | <b>2764,00</b> | <b>40,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b> | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           | 60             | 59    | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                      |                      |              |              |              |
|                                                                                             | 2                   | 4-1                       | 2m             | M5    | IP65               | 270299                | 270309         | 270319         | 270329         | 232517           | 195137                               | -                    | 195567       | 195577       | 195587       |
| <b>2690,00</b>                                                                              |                     |                           |                |       |                    | <b>2726,00</b>        | <b>2766,00</b> | <b>2802,00</b> | <b>40,00</b>   | <b>22,00</b>     | -                                    | <b>21,00</b>         | <b>25,00</b> | <b>33,00</b> |              |
|                                                                                             |                     | 60                        | 59             | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                      |                      |              |              |              |

Net unit prices in €uro before tax

## New range of electric chain hoists 3-phases from 250 to 1 250 kg, equipped a electric trolley 1 speed 12 m/min



| tralift™ TT electric chain hoist 3-phases 400 V - 50 Hz + electric trolley 1 speed 12 m/min |                     |                           |                |      |                    |                       |                |                |                |                  |                                      |                      |                     |              |              |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|------|--------------------|-----------------------|----------------|----------------|----------------|------------------|--------------------------------------|----------------------|---------------------|--------------|--------------|
| W.L.L.<br>(kg)                                                                              | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |      | Protection<br>I.P. | Lifting height<br>(m) |                |                |                | Add. m.<br>chain | Add. m.<br>pendant<br>control<br>box | Option hanger bar    |                     |              |              |
|                                                                                             |                     |                           | FEM            | ISO  |                    | 3                     | 4              | 5              | 6              |                  |                                      | L1<br>standard<br>mm | L2<br>mm            | L3<br>mm     | L4<br>mm     |
|                                                                                             |                     |                           |                |      |                    |                       |                |                |                |                  |                                      | Lg.<br>maxi.<br>(m)  | Lg.<br>maxi.<br>(m) |              |              |
| 630                                                                                         | 1                   | 8                         | 1Am            | M4   | IP65               | 270499                | 270509         | 270519         | 270529         | 232527           | 195137                               | -                    | 195567              | 195577       | 195587       |
|                                                                                             |                     |                           |                |      |                    | <b>2684,00</b>        | <b>2707,00</b> | <b>2730,00</b> | <b>2755,00</b> | <b>25,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b>        | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 120            | 119              | 50-99                                | 100-149              | 150-199             | 200-240      |              |
|                                                                                             | 1                   | 8-2                       | 1Am            | M4   | IP65               | 270699                | 270709         | 270719         | 270729         | 232527           | 195137                               | -                    | 195567              | 195577       | 195587       |
|                                                                                             |                     |                           |                |      |                    | <b>2723,00</b>        | <b>2746,00</b> | <b>2769,00</b> | <b>2792,00</b> | <b>25,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b>        | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                |                | 120              | 119                                  | 50-99                | 100-149             | 150-199      | 200-240      |
|                                                                                             | 2                   | 4                         | 1Am            | M4   | IP65               | 270219                | 270229         | 270239         | 270249         | 232537           | 195137                               | -                    | 195567              | 195577       | 195587       |
|                                                                                             |                     |                           |                |      |                    | <b>2653,00</b>        | <b>2689,00</b> | <b>2728,00</b> | <b>2766,00</b> | <b>50,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b>        | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 60             | 119              | 50-99                                | 100-149              | 150-199             | 200-240      |              |
| 2                                                                                           | 4-1                 | 1Am                       | M4             | IP65 | 270379             | 270389                | 270399         | 270409         | 232537         | 195137           | -                                    | 195567               | 195577              | 195587       |              |
|                                                                                             |                     |                           |                |      | <b>2693,00</b>     | <b>2729,00</b>        | <b>2768,00</b> | <b>2805,00</b> | <b>50,00</b>   | <b>22,00</b>     | -                                    | <b>21,00</b>         | <b>25,00</b>        | <b>33,00</b> |              |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 60             | 119              | 50-99                                | 100-149              | 150-199             | 200-240      |              |
| 800                                                                                         | 1                   | 8                         | 1Bm            | M3   | IP65               | 270539                | 270549         | 270559         | 270569         | 232527           | 195137                               | -                    | 195567              | 195577       | 195587       |
|                                                                                             |                     |                           |                |      |                    | <b>2682,00</b>        | <b>2705,00</b> | <b>2728,00</b> | <b>2753,00</b> | <b>25,00</b>     | <b>22,00</b>                         | -                    | <b>21,00</b>        | <b>25,00</b> | <b>33,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 120            | 119              | 50-99                                | 100-149              | 150-199             | 200-240      |              |
|                                                                                             | 1                   | 8-2                       | 1Bm            | M3   | IP65               | 270739                | 270749         | 270759         | 270769         | 232527           | 195137                               | -                    | 195567              | 195577       | 195587       |
| <b>2721,00</b>                                                                              |                     |                           |                |      |                    | <b>2744,00</b>        | <b>2767,00</b> | <b>2790,00</b> | <b>25,00</b>   | <b>22,00</b>     | -                                    | <b>21,00</b>         | <b>25,00</b>        | <b>33,00</b> |              |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 120            | 119              | 50-99                                | 100-149              | 150-199             | 200-240      |              |
| 1 000                                                                                       | 1                   | 8                         | 2m             | M5   | IP65               | 274619                | 274629         | 274639         | 274649         | 232637           | 195137                               | -                    | 195597              | 195607       | 195617       |
|                                                                                             |                     |                           |                |      |                    | <b>3707,00</b>        | <b>3742,00</b> | <b>3772,00</b> | <b>3814,00</b> | <b>35,00</b>     | <b>22,00</b>                         | -                    | <b>35,00</b>        | <b>53,00</b> | <b>62,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 36             | 35               | 76-139                               | 140-199              | 200-259             | 260-320      |              |
|                                                                                             | 1                   | 8-2                       | 2m             | M5   | IP65               | 274819                | 274829         | 274839         | 274849         | 232637           | 195137                               | -                    | 195597              | 195607       | 195617       |
|                                                                                             |                     |                           |                |      |                    | <b>3738,00</b>        | <b>3773,00</b> | <b>3808,00</b> | <b>3843,00</b> | <b>35,00</b>     | <b>22,00</b>                         | -                    | <b>35,00</b>        | <b>53,00</b> | <b>62,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                |                | 36               | 35                                   | 76-139               | 140-199             | 200-259      | 260-320      |
|                                                                                             | 2                   | 4                         | 2m             | M5   | IP65               | 270859                | 270869         | 270879         | 270889         | 232537           | 195137                               | -                    | 195597              | 195607       | 195617       |
|                                                                                             |                     |                           |                |      |                    | <b>2849,00</b>        | <b>2892,00</b> | <b>2932,00</b> | <b>2974,00</b> | <b>50,00</b>     | <b>22,00</b>                         | -                    | <b>35,00</b>        | <b>53,00</b> | <b>62,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 60             | 59               | 76-139                               | 140-199              | 200-259             | 260-320      |              |
| 2                                                                                           | 4-1                 | 2m                        | M5             | IP65 | 271019             | 271029                | 271039         | 271049         | 232537         | 195137           | -                                    | 195597               | 195607              | 195617       |              |
|                                                                                             |                     |                           |                |      | <b>2888,00</b>     | <b>2931,00</b>        | <b>2971,00</b> | <b>3011,00</b> | <b>50,00</b>   | <b>22,00</b>     | -                                    | <b>35,00</b>         | <b>53,00</b>        | <b>62,00</b> |              |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 60             | 59               | 76-139                               | 140-199              | 200-259             | 260-320      |              |
| 1 250                                                                                       | 2                   | 4                         | 1Am            | M4   | IP65               | 270939                | 270949         | 270959         | 270969         | 232537           | 195137                               | -                    | 195597              | 195607       | 195617       |
|                                                                                             |                     |                           |                |      |                    | <b>2853,00</b>        | <b>2893,00</b> | <b>2937,00</b> | <b>2978,00</b> | <b>50,00</b>     | <b>22,00</b>                         | -                    | <b>35,00</b>        | <b>53,00</b> | <b>62,00</b> |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 60             | 59               | 76-139                               | 140-199              | 200-259             | 260-320      |              |
|                                                                                             | 2                   | 4-1                       | 1Am            | M4   | IP65               | 271099                | 271109         | 271119         | 271129         | 232537           | 195137                               | -                    | 195597              | 195607       | 195617       |
| <b>2892,00</b>                                                                              |                     |                           |                |      |                    | <b>2936,00</b>        | <b>2975,00</b> | <b>3015,00</b> | <b>50,00</b>   | <b>22,00</b>     | -                                    | <b>35,00</b>         | <b>53,00</b>        | <b>62,00</b> |              |
|                                                                                             |                     |                           |                |      |                    |                       |                |                | 60             | 59               | 76-139                               | 140-199              | 200-259             | 260-320      |              |

Net unit prices in Euro before tax

## New range of electric chain hoists 3-phases from 250 to 1 250 kg, equipped a electric trolley 2 speeds 12 - 4 m/min



HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

| tralift™ TT electric chain hoist 3-phases 400 V - 50 Hz + electric trolley 2 speeds 12 - 4 m/min |                     |                           |                |       |                    |                       |                |                |                |                  |                                     |                     |                     |                      |              |
|--------------------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|-------|--------------------|-----------------------|----------------|----------------|----------------|------------------|-------------------------------------|---------------------|---------------------|----------------------|--------------|
| W.L.L.<br>(kg)                                                                                   | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |       | Protection<br>I.P. | Lifting height<br>(m) |                |                |                | Add. m.<br>chain | Add.m.<br>pendant<br>control<br>box | Option hanger bar   |                     |                      |              |
|                                                                                                  |                     |                           | FEM            | ISO   |                    | 3                     | 4              | 5              | 6              |                  |                                     | Lg.<br>maxi.<br>(m) | Lg.<br>maxi.<br>(m) | L1<br>standard<br>mm | L2<br>mm     |
| 250                                                                                              | 1                   | 8                         | 2m             | M5    | IP65               | 265009                | 265019         | 265029         | 265039         | 232507           | 195137                              | -                   | 195567              | 195577               | 195587       |
|                                                                                                  |                     |                           |                |       |                    | <b>2656,00</b>        | <b>2677,00</b> | <b>2698,00</b> | <b>2719,00</b> | <b>20,00</b>     | <b>22,00</b>                        | -                   | <b>21,00</b>        | <b>25,00</b>         | <b>33,00</b> |
|                                                                                                  |                     |                           | 120            | 119   | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                     |                     |                     |                      |              |
|                                                                                                  | 1                   | 8-2                       | 2m             | M5    | IP65               | 265209                | 265219         | 265229         | 265239         | 232507           | 195137                              | -                   | 195567              | 195577               | 195587       |
| <b>2697,00</b>                                                                                   |                     |                           |                |       |                    | <b>2719,00</b>        | <b>2740,00</b> | <b>2761,00</b> | <b>20,00</b>   | <b>22,00</b>     | -                                   | <b>21,00</b>        | <b>25,00</b>        | <b>33,00</b>         |              |
|                                                                                                  |                     | 120                       | 119            | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                     |                     |                     |                      |              |
| 320                                                                                              | 1                   | 8                         | 1Am            | M4    | IP65               | 265049                | 265059         | 265069         | 265079         | 232507           | 195137                              | -                   | 195567              | 195577               | 195587       |
|                                                                                                  |                     |                           |                |       |                    | <b>2656,00</b>        | <b>2677,00</b> | <b>2698,00</b> | <b>2719,00</b> | <b>20,00</b>     | <b>22,00</b>                        | -                   | <b>21,00</b>        | <b>25,00</b>         | <b>33,00</b> |
|                                                                                                  |                     |                           | 120            | 119   | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                     |                     |                     |                      |              |
|                                                                                                  | 1                   | 8-2                       | 1Am            | M4    | IP65               | 265249                | 265259         | 265269         | 265279         | 232507           | 195137                              | -                   | 195567              | 195577               | 195587       |
| <b>2697,00</b>                                                                                   |                     |                           |                |       |                    | <b>2719,00</b>        | <b>2740,00</b> | <b>2761,00</b> | <b>20,00</b>   | <b>22,00</b>     | -                                   | <b>21,00</b>        | <b>25,00</b>        | <b>33,00</b>         |              |
|                                                                                                  |                     | 120                       | 119            | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                     |                     |                     |                      |              |
| 400                                                                                              | 1                   | 8                         | 1Bm            | M3    | IP65               | 265089                | 265099         | 265109         | 265119         | 232507           | 195137                              | -                   | 195567              | 195577               | 195587       |
|                                                                                                  |                     |                           |                |       |                    | <b>2656,00</b>        | <b>2677,00</b> | <b>2698,00</b> | <b>2719,00</b> | <b>20,00</b>     | <b>22,00</b>                        | -                   | <b>21,00</b>        | <b>25,00</b>         | <b>33,00</b> |
|                                                                                                  |                     |                           | 120            | 119   | 50-99              | 100-149               | 150-199        | 200-240        |                |                  |                                     |                     |                     |                      |              |
|                                                                                                  | 1                   | 8-2                       | 1Bm            | M3    | IP65               | 265289                | 265299         | 265309         | 265319         | 232507           | 195137                              | -                   | 195567              | 195577               | 195587       |
| <b>2697,00</b>                                                                                   |                     |                           |                |       |                    | <b>2719,00</b>        | <b>2740,00</b> | <b>2761,00</b> | <b>20,00</b>   | <b>22,00</b>     | -                                   | <b>21,00</b>        | <b>25,00</b>        | <b>33,00</b>         |              |
|                                                                                                  |                     | 120                       | 119            | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                     |                     |                     |                      |              |
| 500                                                                                              | 1                   | 8                         | 2m             | M5    | IP65               | 271179                | 271189         | 271199         | 271209         | 232527           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                     |                           |                |       |                    | <b>2781,00</b>        | <b>2804,00</b> | <b>2827,00</b> | <b>2850,00</b> | <b>25,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                     |                           | 120            | 119   | 76-139             | 140-199               | 200-259        | 260-320        |                |                  |                                     |                     |                     |                      |              |
|                                                                                                  | 1                   | 8-2                       | 2m             | M5    | IP65               | 271379                | 271389         | 271399         | 271409         | 232527           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                     |                           |                |       |                    | <b>2822,00</b>        | <b>2845,00</b> | <b>2868,00</b> | <b>2890,00</b> | <b>25,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                     |                           | 120            | 119   | 76-139             | 140-199               | 200-259        | 260-320        |                |                  |                                     |                     |                     |                      |              |
|                                                                                                  | 2                   | 4                         | 2m             | M5    | IP65               | 265419                | 265429         | 265439         | 265449         | 232517           | 195137                              | -                   | 195567              | 195577               | 195587       |
|                                                                                                  |                     |                           |                |       |                    | <b>2749,00</b>        | <b>2786,00</b> | <b>2825,00</b> | <b>2861,00</b> | <b>40,00</b>     | <b>22,00</b>                        | -                   | <b>21,00</b>        | <b>25,00</b>         | <b>33,00</b> |
|                                                                                                  |                     | 60                        | 59             | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                     |                     |                     |                      |              |
| 2                                                                                                | 4-1                 | 2m                        | M5             | IP65  | 265579             | 265589                | 265599         | 265609         | 232517         | 195137           | -                                   | 195567              | 195577              | 195587               |              |
|                                                                                                  |                     |                           |                |       | <b>2791,00</b>     | <b>2827,00</b>        | <b>2867,00</b> | <b>2903,00</b> | <b>40,00</b>   | <b>22,00</b>     | -                                   | <b>21,00</b>        | <b>25,00</b>        | <b>33,00</b>         |              |
|                                                                                                  |                     | 60                        | 59             | 50-99 | 100-149            | 150-199               | 200-240        |                |                |                  |                                     |                     |                     |                      |              |

Net unit prices in Euro before tax

## New range of electric chain hoists 3-phases from 250 to 1 250 kg, equipped a electric trolley 2 speeds 12 - 4 m/min



| tralift™ TT electric chain hoist 3-phases 400 V - 50 Hz + electric trolley 2 speeds 12 - 4 m/min |                  |                           |                |     |                    |                       |                |                |                |                  |                                     |                     |                     |                      |              |
|--------------------------------------------------------------------------------------------------|------------------|---------------------------|----------------|-----|--------------------|-----------------------|----------------|----------------|----------------|------------------|-------------------------------------|---------------------|---------------------|----------------------|--------------|
| W.L.L.<br>(kg)                                                                                   | Nber<br>of falls | Lifting<br>speed<br>m/min | Classification |     | Protection<br>I.P. | Lifting height<br>(m) |                |                |                | Add. m.<br>chain | Add.m.<br>pendant<br>control<br>box | Option hanger bar   |                     |                      |              |
|                                                                                                  |                  |                           | FEM            | ISO |                    | 3                     | 4              | 5              | 6              |                  |                                     | Lg.<br>maxi.<br>(m) | Lg.<br>maxi.<br>(m) | L1<br>standard<br>mm | L2<br>mm     |
| 630                                                                                              | 1                | 8                         | 1Am            | M4  | IP65               | 271219                | 271229         | 271239         | 271249         | 232527           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2784,00</b>        | <b>2807,00</b> | <b>2830,00</b> | <b>2853,00</b> | <b>25,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 120                   | 119            | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |
|                                                                                                  | 1                | 8-2                       | 1Am            | M4  | IP65               | 271419                | 271429         | 271439         | 271449         | 232527           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2824,00</b>        | <b>2847,00</b> | <b>2870,00</b> | <b>2893,00</b> | <b>25,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 120                   | 119            | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |
|                                                                                                  | 2                | 4                         | 1Am            | M4  | IP65               | 265499                | 265509         | 265519         | 265529         | 232537           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2752,00</b>        | <b>2788,00</b> | <b>2828,00</b> | <b>2864,00</b> | <b>50,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 60                    | 119            | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |
|                                                                                                  | 2                | 4-1                       | 1Am            | M4  | IP65               | 265659                | 265669         | 265679         | 265689         | 232537           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2794,00</b>        | <b>2830,00</b> | <b>2869,00</b> | <b>2906,00</b> | <b>50,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 60                    | 119            | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |
| 800                                                                                              | 1                | 8                         | 1Bm            | M3  | IP65               | 271259                | 271269         | 271279         | 271289         | 232527           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2781,00</b>        | <b>2804,00</b> | <b>2827,00</b> | <b>2850,00</b> | <b>25,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 120                   | 119            | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |
|                                                                                                  | 1                | 8-2                       | 1Bm            | M3  | IP65               | 271459                | 271469         | 271479         | 271489         | 232527           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2822,00</b>        | <b>2845,00</b> | <b>2868,00</b> | <b>2890,00</b> | <b>25,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 120                   | 119            | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |
| 1 000                                                                                            | 1                | 8                         | 2m             | M5  | IP65               | 275339                | 275349         | 275359         | 275369         | 232637           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>3814,00</b>        | <b>3849,00</b> | <b>3884,00</b> | <b>3919,00</b> | <b>35,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  | 1                | 8-2                       | 2m             | M5  | IP65               | 275539                | 275549         | 275559         | 275569         | 232637           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>3847,00</b>        | <b>3882,00</b> | <b>3917,00</b> | <b>3952,00</b> | <b>35,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  | 2                | 4                         | 2m             | M5  | IP65               | 271579                | 271589         | 271599         | 271609         | 232537           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2949,00</b>        | <b>2992,00</b> | <b>3032,00</b> | <b>3072,00</b> | <b>50,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  | 2                | 4-1                       | 2m             | M5  | IP65               | 271739                | 271749         | 271759         | 271769         | 232537           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2989,00</b>        | <b>3032,00</b> | <b>3072,00</b> | <b>3112,00</b> | <b>50,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
| 1 250                                                                                            | 2                | 4                         | 1Am            | M4  | IP65               | 271659                | 271669         | 271679         | 271689         | 232537           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2953,00</b>        | <b>2993,00</b> | <b>3036,00</b> | <b>3076,00</b> | <b>50,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 60                    | 59             | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |
|                                                                                                  | 2                | 4-1                       | 1Am            | M4  | IP65               | 271819                | 271829         | 271839         | 271849         | 232537           | 195137                              | -                   | 195597              | 195607               | 195617       |
|                                                                                                  |                  |                           |                |     |                    | <b>2993,00</b>        | <b>3037,00</b> | <b>3076,00</b> | <b>3116,00</b> | <b>50,00</b>     | <b>22,00</b>                        | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b> |
|                                                                                                  |                  |                           |                |     |                    | 60                    | 59             | 76-139         | 140-199        | 200-259          | 260-320                             |                     |                     |                      |              |

Net unit prices in Euro before tax



## New range of electric chain hoists 1-phase from 250 to 1 250 kg



Suspension hook in option

| tralift™ TT electric chain hoist 1-phase 230 V - 50 Hz |               |                     |                |     |                 |                    |                |                |                |               |               |                 |
|--------------------------------------------------------|---------------|---------------------|----------------|-----|-----------------|--------------------|----------------|----------------|----------------|---------------|---------------|-----------------|
| W.L.L. (kg)                                            | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height (m) |                |                |                | Add. m. chain |               | Suspension hook |
|                                                        |               |                     | FEM            | ISO |                 | 3                  | 4              | 5              | 6              | Lg. maxi. (m) | Lg. maxi. (m) |                 |
| 250                                                    | 1             | 8                   | 2m             | M5  | IP65            | 264449             | 264459         | 264469         | 264479         | 232507        | 195127        | 233487          |
|                                                        |               |                     |                |     |                 | <b>1912,00</b>     | <b>1936,00</b> | <b>1961,00</b> | <b>1986,00</b> | 20,00         | 12,00         | 82,00           |
|                                                        |               |                     |                |     |                 |                    |                |                |                | 120           | 119           |                 |
| 500                                                    | 2             | 4                   | 2m             | M5  | IP65            | 264569             | 264579         | 264589         | 264599         | 232517        | 195127        | 233487          |
|                                                        |               |                     |                |     |                 | <b>2027,00</b>     | <b>2070,00</b> | <b>2118,00</b> | <b>2161,00</b> | 40,00         | 12,00         | 82,00           |
|                                                        |               |                     |                |     |                 |                    |                |                |                | 60            | 59            |                 |
| 1 000                                                  | 2             | 2                   | 2m             | M5  | IP65            | 264689             | 264699         | 264709         | 264719         | 232537        | 195127        | 233487          |
|                                                        |               |                     |                |     |                 | <b>2231,00</b>     | <b>2283,00</b> | <b>2331,00</b> | <b>2379,00</b> | 50,00         | 12,00         | 82,00           |
|                                                        |               |                     |                |     |                 |                    |                |                |                | 60            | 59            |                 |

Net unit prices in €uro before tax

## New range of electric chain hoists 1-phase from 250 to 1 250 kg, equipped a electric trolley 1 speed 12 m/min



| tralift™ TT electric chain hoist 1-phase 230 V - 50 Hz + electric trolley 1 speed 12 m/min |               |                     |                |     |                 |                    |                |                |                |               |               |                             |        |        |        |                   |         |         |         |
|--------------------------------------------------------------------------------------------|---------------|---------------------|----------------|-----|-----------------|--------------------|----------------|----------------|----------------|---------------|---------------|-----------------------------|--------|--------|--------|-------------------|---------|---------|---------|
| W.L.L. (kg)                                                                                | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height (m) |                |                |                | Add. m. chain |               | Add. m. pendant control box |        |        |        | Option hanger bar |         |         |         |
|                                                                                            |               |                     | FEM            | ISO |                 | 3                  | 4              | 5              | 6              | Lg. maxi. (m) | Lg. maxi. (m) | L1 standard mm              | L2 mm  | L3 mm  | L4 mm  |                   |         |         |         |
| 250                                                                                        | 1             | 8                   | 2m             | M5  | IP65            | 272019             | 272029         | 272039         | 272049         | 232507        | 195137        | -                           | 195567 | 195577 | 195587 | -                 | 21,00   | 25,00   | 33,00   |
|                                                                                            |               |                     |                |     |                 | <b>3307,00</b>     | <b>3333,00</b> | <b>3359,00</b> | <b>3387,00</b> | 20,00         | 22,00         | -                           | 21,00  | 25,00  | 33,00  | 50-99             | 100-149 | 150-199 | 200-240 |
|                                                                                            |               |                     |                |     |                 |                    |                |                |                | 120           | 119           |                             |        |        |        |                   |         |         |         |
| 500                                                                                        | 2             | 4                   | 2m             | M5  | IP65            | 272139             | 272149         | 272159         | 272169         | 232517        | 195137        | -                           | 195567 | 195577 | 195587 | -                 | 21,00   | 25,00   | 33,00   |
|                                                                                            |               |                     |                |     |                 | <b>3431,00</b>     | <b>3475,00</b> | <b>3524,00</b> | <b>3569,00</b> | 40,00         | 22,00         | -                           | 21,00  | 25,00  | 33,00  | 50-99             | 100-149 | 150-199 | 200-240 |
|                                                                                            |               |                     |                |     |                 |                    |                |                |                | 60            | 59            |                             |        |        |        |                   |         |         |         |
| 1 000                                                                                      | 2             | 2                   | 2m             | M5  | IP65            | 271899             | 271909         | 271919         | 271929         | 232537        | 195137        | -                           | 195567 | 195577 | 195587 | -                 | 21,00   | 25,00   | 33,00   |
|                                                                                            |               |                     |                |     |                 | <b>3626,00</b>     | <b>3679,00</b> | <b>3728,00</b> | <b>3780,00</b> | 50,00         | 22,00         | -                           | 21,00  | 25,00  | 33,00  | 50-99             | 100-149 | 150-199 | 200-240 |
|                                                                                            |               |                     |                |     |                 |                    |                |                |                | 60            | 59            |                             |        |        |        |                   |         |         |         |

### Chain bags for tralift™ TT 1-phase

| W.L.L. (kg) | Number of falls | Speed (m/min) | Lifting height (m) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
|-------------|-----------------|---------------|--------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
|             |                 |               | 1                  | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 15 | 20 | 30 | 40 | 50 |
| 250         | 1               | 8             | 231987             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| 500         | 2               | 8             | 231987             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| 1 000       | 2               | 2             | 231987             |   |   |   |   |   |   |   |   |    |    |    |    |    |    |

Net unit prices in €uro before tax

| Code    | 231987 | 233007 | 233027 | 233047 | 233057 |
|---------|--------|--------|--------|--------|--------|
| Price € | 87,00  | 92,60  | 104,00 | 109,00 | 117,00 |

■ Standard  
■ Unavailable

## New range of electric chain hoists 3-phases equipped STAINLESS STEEL chain

### Standard equipment:

- Power supply 400V - 3-phases 50Hz.
- Control voltage 42V.
- Length pendant control box : 1,8 m.
- Standard lifting height: 3 m.
- Casing and cover made in aluminium protected against water jets and dusty environment
- Parts in contact with the chain in corrosion resistant version.
- Special grease for food industry.
- IP65. Protection



Suspension hook in option



| tralift™ TTR electric chain hoist 3-phases 400 V - 50 Hz STAINLESS STEEL chain |               |                     |                |     |                 |                             |                   |                             |                             |
|--------------------------------------------------------------------------------|---------------|---------------------|----------------|-----|-----------------|-----------------------------|-------------------|-----------------------------|-----------------------------|
| Capacity (kg)                                                                  | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height standard (m) | Add. m. chain     | Add. m. pendant control box | suspension hook             |
|                                                                                |               |                     | FEM            | ISO |                 |                             |                   |                             |                             |
| 250                                                                            | 1             | 8-2                 | 2m             | M5  | IP65            | 264929<br><b>On request</b> | <b>On request</b> | <b>On request</b>           | 233087<br><b>On request</b> |
| 320                                                                            | 1             | 8-2                 | 1Am            | M4  | IP65            | 264939<br><b>On request</b> |                   |                             | 233087<br><b>On request</b> |
| 500                                                                            | 2             | 4-1                 | 2m             | M5  | IP65            | 264949<br><b>On request</b> |                   |                             | 233087<br><b>On request</b> |
| 630                                                                            | 2             | 4-1                 | 1Am            | M4  | IP65            | 264959<br><b>On request</b> |                   |                             | 233087<br><b>On request</b> |

Other capacities and lifting height, on request

Net unit prices in Euro before tax

## Chain bags

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

| W.L.L. (kg)           | 1Bm M3     |     | -          |     | 400        |     | -       |     |            |     | 800     |     | -          |     |         |     | -       |     |         |     |         |     |     |
|-----------------------|------------|-----|------------|-----|------------|-----|---------|-----|------------|-----|---------|-----|------------|-----|---------|-----|---------|-----|---------|-----|---------|-----|-----|
|                       | 1Am M4     |     | 320        |     | -          |     | 630     |     |            |     | -       |     | 1 250      |     |         |     | -       |     |         |     |         |     |     |
|                       | 2m M5      |     | 250        |     | -          |     | 500     |     |            |     | -       |     | 1 000      |     |         |     | -       |     |         |     |         |     |     |
| Number of falls       | 1          | 1   | 1          | 1   | 1          | 1   | 1       | 1   | 2          | 2   | 1       | 1   | 2          | 2   | 1       | 1   | 1       | 1   | 2       | 2   | 2       | 2   |     |
| Chain (mm)            | 3.75x10.75 |     | 3.75x10.75 |     | 3.75x10.75 |     | 5.25x15 |     | 3.75x10.75 |     | 5.25x15 |     | 3.75x10.75 |     | 5.25x15 |     | 7.45x23 |     | 5.25x15 |     | 5.25x15 |     |     |
| Lifting speed (m/min) | 8          | 8-2 | 8          | 8-2 | 8          | 8-2 | 8       | 8-2 | 4          | 4-1 | 8       | 8-2 | 4          | 4-1 | 8       | 8-2 | 8       | 8-2 | 4       | 4-1 | 4       | 4-1 |     |
| 1                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 1   |
| 2                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 2   |
| 3                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 3   |
| 4                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 4   |
| 5                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 5   |
| 6                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 6   |
| 7                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 7   |
| 8                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 8   |
| 9                     |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 9   |
| 10                    |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 10  |
| 15                    |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 15  |
| 20                    |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 20  |
| 30                    |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 30  |
| 40                    |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 40  |
| 50                    |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 50  |
| 60                    |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 60  |
| 100                   |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 100 |
| 120                   |            |     |            |     |            |     |         |     |            |     |         |     |            |     |         |     |         |     |         |     |         |     | 120 |

| Code    | 231987 | 232797 | 232807 | 233007 | 233027 | 233047 | 233057 |
|---------|--------|--------|--------|--------|--------|--------|--------|
| Price € | 87,00  | 47,20  | 73,80  | 92,60  | 104,00 | 109,00 | 117,00 |

■ : Standard

■ : Unavailable

Net unit prices in Euro before tax

## Options

| Hand operated trolley for tralift™ TT |                             |        |     |     |     |   |     |     |     |   |     |   |     |   |     |        |     |   |     |       |     |                    |
|---------------------------------------|-----------------------------|--------|-----|-----|-----|---|-----|-----|-----|---|-----|---|-----|---|-----|--------|-----|---|-----|-------|-----|--------------------|
| W.L.L. hoist (kg) 1Bm M3              |                             | -      |     | 400 |     | - |     | 800 |     | - |     | - |     | - |     | -      |     | - |     | -     |     | Special hanger bar |
| W.L.L. hoist (kg) 1Am M4              |                             | 320    |     | -   |     | - |     | 630 |     | - |     | - |     | - |     | 1 250  |     | - |     | -     |     |                    |
| W.L.L. hoist (kg) 2m M5               |                             | 250    |     | -   |     | - |     | 500 |     | - |     | - |     | - |     | 1 000  |     | - |     | -     |     |                    |
| Number of falls                       |                             | 1      | 1   | 1   | 1   | 1 | 1   | 1   | 1   | 2 | 2   | 1 | 1   | 2 | 2   | 1      | 1   | 2 | 2   | 2     | 2   |                    |
| Lifting speed (m/min)                 |                             | 8      | 8-2 | 8   | 8-2 | 8 | 8-2 | 8   | 8-2 | 4 | 4-1 | 8 | 8-2 | 4 | 4-1 | 8      | 8-2 | 4 | 4-1 | 4     | 4-1 |                    |
| TSP 50                                | Code 240179<br>lg 50-99 mm  | 203,00 |     |     |     |   |     |     |     |   |     |   |     |   |     |        |     |   |     | A/B/C |     |                    |
| TSP 150                               | Code 240189<br>lg 76-139 mm |        |     |     |     |   |     |     |     |   |     |   |     |   |     | 289,00 |     |   |     | D/E/F |     |                    |

Net unit prices in €uro before tax

| Hanger bar selection table for hand operated and electric trolley |         |         |         |         |         |         |
|-------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|
| Ref. :                                                            | A       | B       | C       | D       | E       | F       |
| width (mm)                                                        | 100-149 | 150-199 | 200-249 | 140-199 | 200-259 | 260-320 |
| Code                                                              | 195567  | 195577  | 195587  | 195597  | 195607  | 195617  |
| Price €                                                           | 21,00   | 25,00   | 33,00   | 35,00   | 53,00   | 62,00   |

UNAVAILABLE

| Options                                           | Code   | Price €    |
|---------------------------------------------------|--------|------------|
| End limit switch for trolley                      | 211427 | 276,00     |
| Tropical protection for hoist                     | 211527 | 254,00     |
| Tropical protection for electric trolley          | 211537 | 254,00     |
| Hoist in version three-phase 380V 60Hz            | 211547 | 254,00     |
| Electric trolley in version three-phase 380V 60Hz | 211557 | 254,00     |
| Hoist in version three-phase 220V 50Hz            | 211567 | On request |
| Electric trolley in version three-phase 220V 50Hz | 211577 | On request |
| Thermal protection for hoist                      | 211587 | 244,00     |
| I.P. 65 protection for trolley                    | 211607 | 137,00     |
| Lockable emergency stop for hoist                 | 211617 | 62,00      |
| Lockable emergency stop for hoist/trolley         | 211627 | On request |
| Suspension hook                                   | 233487 | 82,00      |
| Radio control for hoist                           | 211457 | 2716,00    |
| Radio control for hoist + trolley                 | 211467 | 2716,00    |
| Special paint for hoist                           | -      | On request |
| Speciale paint for trolley                        | -      | On request |
| Direct control volatge                            | -      | On request |
| Trolley combined with hoist                       | -      | On request |

## Range of electric chain hoists 3-phases 1 600 to 5 000 kg



### PERFORMANCE

- High performance motor for intensive use
- Efficient and high strength internal mechanism
- High manufacturing quality
- Power supply 400V - 3-phases 50Hz (Optional 230V).

### SAFETY

- 5 protection levels,
- Double load friction clutch,
- End limit switches ,
- Automatic safety brake

### ENDURANCE

- Extensive classification, duty factor
- Low maintenance required.

HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT



## Range of electric chain hoists 3-phases 1 600 to 5 000 kg



| tralift™ TS electric chain hoist 3-phases 400 V - 50 Hz |               |                     |                |     |                 |                          |                          |                          |                          |                              |                              |                         |
|---------------------------------------------------------|---------------|---------------------|----------------|-----|-----------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------------|------------------------------|-------------------------|
| Capacity (kg)                                           | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height (m)       |                          |                          |                          | Add. m. chain                | Add. m. pendant control box  | Suspension hook         |
|                                                         |               |                     | FEM            | ISO |                 | 3                        | 4                        | 5                        | 6                        | Lg. maxi. (m)                | Lg. maxi. (m)                |                         |
| 1 600                                                   | 1             | 6                   | 2m             | M5  | IP55            | 230329<br><b>4038,00</b> | 230339<br><b>4098,00</b> | 230349<br><b>4158,00</b> | 230359<br><b>4218,00</b> | 195107<br><b>60,00</b><br>25 | 195127<br><b>12,00</b><br>24 | 210037<br><b>113,00</b> |
|                                                         | 1             | 6-1                 | 2m             | M5  | IP55            | 230369<br><b>4275,00</b> | 230379<br><b>4335,00</b> | 230389<br><b>4395,00</b> | 230399<br><b>4455,00</b> | 195107<br><b>60,00</b><br>25 | 195127<br><b>12,00</b><br>24 | 210037<br><b>113,00</b> |
|                                                         | 1             | 8-2                 | 1Bm            | M3  | IP55            | 226849<br><b>3650,00</b> | 226859<br><b>3696,00</b> | 226869<br><b>3742,00</b> | 226879<br><b>3788,00</b> | 195087<br><b>50,00</b><br>30 | 195127<br><b>12,00</b><br>29 | 210037<br><b>113,00</b> |
|                                                         | 1             | 8-2                 | 1Am            | M4  | IP55            | 228609<br><b>4016,00</b> | 228619<br><b>4076,00</b> | 228629<br><b>4136,00</b> | 228639<br><b>4197,00</b> | 195107<br><b>60,00</b><br>25 | 195127<br><b>12,00</b><br>24 | 210037<br><b>113,00</b> |
|                                                         | 2             | 4                   | 1Am            | M4  | IP55            | 228209<br><b>2724,00</b> | 228219<br><b>2792,00</b> | 228229<br><b>2984,00</b> | 228239<br><b>3051,00</b> | 195067<br><b>38,00</b><br>17 | 195127<br><b>12,00</b><br>16 | 210077<br><b>91,00</b>  |
|                                                         | 2             | 4-1                 | 1Am            | M4  | IP55            | 228249<br><b>2927,00</b> | 228259<br><b>2993,00</b> | 228269<br><b>3185,00</b> | 228279<br><b>3253,00</b> | 195067<br><b>38,00</b><br>17 | 195127<br><b>12,00</b><br>16 | 210077<br><b>91,00</b>  |
| 2 000                                                   | 1             | 6                   | 1Am            | M4  | IP55            | 228809<br><b>3999,00</b> | 228819<br><b>4059,00</b> | 228829<br><b>4120,00</b> | 228839<br><b>4179,00</b> | 195107<br><b>60,00</b><br>25 | 195127<br><b>12,00</b><br>24 | 210037<br><b>113,00</b> |
|                                                         | 1             | 6-1                 | 1Am            | M4  | IP55            | 228849<br><b>4233,00</b> | 228859<br><b>4293,00</b> | 228869<br><b>4352,00</b> | 228879<br><b>4414,00</b> | 195107<br><b>60,00</b><br>25 | 195127<br><b>12,00</b><br>24 | 210037<br><b>113,00</b> |
|                                                         | 1             | 8                   | 1Bm            | M3  | IP55            | 227049<br><b>3741,00</b> | 227059<br><b>3801,00</b> | 227069<br><b>3861,00</b> | 227079<br><b>3921,00</b> | 195107<br><b>60,00</b><br>25 | 195127<br><b>12,00</b><br>24 | 210037<br><b>113,00</b> |
|                                                         | 1             | 8-2                 | 1Bm            | M3  | IP55            | 227089<br><b>3976,00</b> | 227099<br><b>4036,00</b> | 227109<br><b>4096,00</b> | 227119<br><b>4156,00</b> | 195107<br><b>60,00</b><br>25 | 195127<br><b>12,00</b><br>24 | 210037<br><b>113,00</b> |
|                                                         | 2             | 4                   | 1Bm            | M3  | IP55            | 226689<br><b>2697,00</b> | 226699<br><b>2767,00</b> | 226709<br><b>2837,00</b> | 226719<br><b>2907,00</b> | 195077<br><b>65,00</b><br>17 | 195127<br><b>12,00</b><br>16 | 210077<br><b>91,00</b>  |
|                                                         | 2             | 4                   | 2m             | M5  | IP55            | 229969<br><b>3847,00</b> | 229979<br><b>3893,00</b> | 229989<br><b>3939,00</b> | 229999<br><b>3985,00</b> | 195087<br><b>50,00</b><br>15 | 195127<br><b>12,00</b><br>14 | 210087<br><b>121,00</b> |

Net unit prices in Euro before tax

## Range of electric chain hoists 3-phases 1 600 to 5 000 kg



HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

| tralift™ TS electric chain hoist 3-phases 400 V - 50 Hz |               |                     |                |      |                 |                    |                |                |                |               |                             |                 |
|---------------------------------------------------------|---------------|---------------------|----------------|------|-----------------|--------------------|----------------|----------------|----------------|---------------|-----------------------------|-----------------|
| Capacity (kg)                                           | Nber of falls | Lifting speed m/min | Classification |      | Protection I.P. | Lifting height (m) |                |                |                | Add. m. chain | Add. m. pendant control box | Suspension hook |
|                                                         |               |                     | FEM            | ISO  |                 | 3                  | 4              | 5              | 6              | Lg. maxi. (m) | Lg. maxi. (m)               |                 |
| 2 000                                                   | 2             | 4-1                 | 1Bm            | M3   | IP55            | 226729             | 226739         | 226749         | 226759         | 195077        | 195127                      | 210077          |
|                                                         |               |                     |                |      |                 | <b>2898,00</b>     | <b>2968,00</b> | <b>3038,00</b> | <b>3108,00</b> | 17            | 16                          | <b>91,00</b>    |
|                                                         | 2             | 4-1                 | 2m             | M5   | IP55            | 230009             | 230019         | 230029         | 230039         | 195087        | 195127                      | 210087          |
|                                                         |               |                     |                |      |                 | <b>4081,00</b>     | <b>4127,00</b> | <b>4173,00</b> | <b>4219,00</b> | 15            | 14                          | <b>121,00</b>   |
|                                                         | 2             | 5-1                 | 2m             | M5   | IP55            | 230529             | 230539         | 230549         | 230559         | 195107        | 195127                      | 210087          |
|                                                         |               |                     |                |      |                 | <b>4992,00</b>     | <b>5112,00</b> | <b>5200,00</b> | <b>5232,00</b> | 12            | 11                          | <b>121,00</b>   |
| 2 500                                                   | 1             | 6                   | 1Bm            | M3   | IP55            | 227289             | 227299         | 227309         | 227319         | 195107        | 195127                      | 210037          |
|                                                         |               |                     |                |      |                 | <b>3995,00</b>     | <b>4055,00</b> | <b>4115,00</b> | <b>4175,00</b> | 25            | 24                          | <b>113,00</b>   |
|                                                         | 1             | 6-1                 | 1Bm            | M3   | IP55            | 227329             | 227339         | 227349         | 227359         | 195107        | 195127                      | 210037          |
|                                                         |               |                     |                |      |                 | <b>4230,00</b>     | <b>4290,00</b> | <b>4350,00</b> | <b>4410,00</b> | 25            | 24                          | <b>113,00</b>   |
|                                                         | 2             | 4                   | 1Am            | M4   | IP55            | 228449             | 228459         | 228469         | 228479         | 195097        | 195127                      | 210087          |
|                                                         |               |                     |                |      |                 | <b>3842,00</b>     | <b>3935,00</b> | <b>4028,00</b> | <b>4121,00</b> | 15            | 14                          | <b>121,00</b>   |
|                                                         | 2             | 4                   | 2m             | M5   | IP55            | 230209             | 230219         | 230229         | 230239         | 195117        | 195127                      | 210087          |
| <b>4145,00</b>                                          |               |                     |                |      |                 | <b>4265,00</b>     | <b>4385,00</b> | <b>4505,00</b> | 12             | 11            | <b>121,00</b>               |                 |
| 2                                                       | 4-1           | 1Am                 | M4             | IP55 | 228489          | 228499             | 228509         | 228519         | 195087         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4077,00</b>  | <b>4169,00</b>     | <b>4263,00</b> | <b>4355,00</b> | 15             | 14            | <b>121,00</b>               |                 |
| 2                                                       | 4-1           | 2m                  | M5             | IP55 | 230249          | 230259             | 230269         | 230279         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4374,00</b>  | <b>4494,00</b>     | <b>4614,00</b> | <b>4734,00</b> | 12             | 11            | <b>121,00</b>               |                 |
| 2                                                       | 5-1           | 1Am                 | M4             | IP55 | 229009          | 229019             | 229029         | 229039         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4988,00</b>  | <b>5100,00</b>     | <b>5211,00</b> | <b>5323,00</b> | 12             | 11            | <b>121,00</b>               |                 |

Net unit prices in Euro before tax

## Range of electric chain hoists 3-phases 1 600 to 5 000 kg



| tralift™ TS electric chain hoist 3-phases 400 V - 50 Hz |               |                     |                |      |                 |                    |                |                |                |               |                             |                 |
|---------------------------------------------------------|---------------|---------------------|----------------|------|-----------------|--------------------|----------------|----------------|----------------|---------------|-----------------------------|-----------------|
| Capacity (kg)                                           | Nber of falls | Lifting speed m/min | Classification |      | Protection I.P. | Lifting height (m) |                |                |                | Add. m. chain | Add. m. pendant control box | Suspension hook |
|                                                         |               |                     | FEM            | ISO  |                 | 3                  | 4              | 5              | 6              | Lg. maxi. (m) | Lg. maxi. (m)               |                 |
| 3 200                                                   | 2             | 3                   | 2m             | M5   | IP55            | 230449             | 230459         | 230469         | 230479         | 195117        | 195127                      | 210087          |
|                                                         |               |                     |                |      |                 | <b>4404,00</b>     | <b>4524,00</b> | <b>4644,00</b> | <b>4764,00</b> | <b>111,00</b> | <b>12,00</b>                | <b>121,00</b>   |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
|                                                         | 2             | 3-1                 | 2m             | M5   | IP55            | 230489             | 230499         | 230509         | 230519         | 195117        | 195127                      | 210087          |
|                                                         |               |                     |                |      |                 | <b>4637,00</b>     | <b>4757,00</b> | <b>4877,00</b> | <b>4997,00</b> | <b>111,00</b> | <b>12,00</b>                | <b>121,00</b>   |
|                                                         |               |                     |                |      |                 |                    |                |                |                | 12            | 11                          |                 |
|                                                         | 2             | 4                   | 1Bm            | M3   | IP55            | 226929             | 226939         | 226949         | 226959         | 195097        | 195127                      | 210087          |
| <b>3842,00</b>                                          |               |                     |                |      |                 | <b>3934,00</b>     | <b>4026,00</b> | <b>4118,00</b> | <b>92,30</b>   | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 15             | 14            |                             |                 |
| 2                                                       | 4             | 1Am                 | M4             | IP55 | 228689          | 228699             | 228709         | 228719         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4145,00</b>  | <b>4259,00</b>     | <b>4370,00</b> | <b>4482,00</b> | <b>111,00</b>  | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
| 2                                                       | 4-1           | 1Bm                 | M3             | IP55 | 226969          | 226979             | 226989         | 226999         | 195097         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4077,00</b>  | <b>4169,00</b>     | <b>4261,00</b> | <b>4353,00</b> | <b>92,30</b>   | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 15             | 14            |                             |                 |
| 2                                                       | 4-1           | 1Am                 | M4             | IP55 | 228729          | 228739             | 228749         | 228759         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4374,00</b>  | <b>4486,00</b>     | <b>4597,00</b> | <b>4709,00</b> | <b>111,00</b>  | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
| 2                                                       | 5-1           | 1Bm                 | M3             | IP55 | 227489          | 227499             | 227509         | 227519         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4988,00</b>  | <b>5108,00</b>     | <b>5228,00</b> | <b>5348,00</b> | <b>111,00</b>  | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 14            |                             |                 |
| 4 000                                                   | 2             | 3                   | 1Am            | M4   | IP55            | 228929             | 228939         | 228949         | 228959         | 195117        | 195127                      | 210087          |
|                                                         |               |                     |                |      |                 | <b>4407,00</b>     | <b>4519,00</b> | <b>4631,00</b> | <b>4742,00</b> | <b>111,00</b> | <b>12,00</b>                | <b>121,00</b>   |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
|                                                         | 2             | 3-1                 | 1Am            | M4   | IP55            | 228969             | 228979         | 228989         | 228999         | 195117        | 195127                      | 210087          |
| <b>4641,00</b>                                          |               |                     |                |      |                 | <b>4753,00</b>     | <b>4865,00</b> | <b>4978,00</b> | <b>111,00</b>  | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
| 2                                                       | 4             | 1Bm                 | M3             | IP55 | 227169          | 227179             | 227189         | 227199         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4150,00</b>  | <b>4270,00</b>     | <b>4390,00</b> | <b>4510,00</b> | <b>111,00</b>  | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
| 2                                                       | 4-1           | 1Bm                 | M3             | IP55 | 227209          | 227219             | 227229         | 227239         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4378,00</b>  | <b>4498,00</b>     | <b>4618,00</b> | <b>4738,00</b> | <b>111,00</b>  | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
| 5 000                                                   | 2             | 3                   | 1Bm            | M3   | IP55            | 227409             | 227419         | 227429         | 227439         | 195117        | 195127                      | 210087          |
|                                                         |               |                     |                |      |                 | <b>4404,00</b>     | <b>4524,00</b> | <b>4644,00</b> | <b>4764,00</b> | <b>111,00</b> | <b>12,00</b>                | <b>121,00</b>   |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |
| 2                                                       | 3-1           | 1Bm                 | M3             | IP55 | 227449          | 227459             | 227469         | 227479         | 195117         | 195127        | 210087                      |                 |
|                                                         |               |                     |                |      | <b>4637,00</b>  | <b>4757,00</b>     | <b>4877,00</b> | <b>4997,00</b> | <b>111,00</b>  | <b>12,00</b>  | <b>121,00</b>               |                 |
|                                                         |               |                     |                |      |                 |                    |                |                | 12             | 11            |                             |                 |

Net unit prices in €uro before tax



## Range of electric chain hoists 3-phases from 1 600 to 5 000 kg, with electric trolley 1 speed 12 m/min



HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

| tralift™ TS electric chain hoist 3-phases 400 V - 50 Hz + electric trolley 1 speed 12 m/min |                     |                           |                |      |                    |                    |                |                |                |                  |                                      |                     |                     |                      |               |
|---------------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|------|--------------------|--------------------|----------------|----------------|----------------|------------------|--------------------------------------|---------------------|---------------------|----------------------|---------------|
| W.L.L.<br>(kg)                                                                              | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |      | Protection<br>I.P. | Lifting height (m) |                |                |                | Add. m.<br>chain | Add. m.<br>pendant<br>control<br>box | Option hanger bar   |                     |                      |               |
|                                                                                             |                     |                           | FEM            | ISO  |                    | 3                  | 4              | 5              | 6              |                  |                                      | Lg.<br>maxi.<br>(m) | Lg.<br>maxi.<br>(m) | L1<br>standard<br>mm | L2 mm         |
| 1600                                                                                        | 1                   | 8                         | 1Bm            | M3   | IP55               | 231369             | 231379         | 231389         | 231399         | 195087           | 195137                               | -                   | 195627              | 195637               | 195647        |
|                                                                                             |                     |                           |                |      |                    | <b>5064,00</b>     | <b>5110,00</b> | <b>5156,00</b> | <b>5202,00</b> | <b>50,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                             | 1                   | 8                         | 1Am            | M4   | IP55               | 233129             | 233139         | 233149         | 233159         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                             |                     |                           |                |      |                    | <b>5994,00</b>     | <b>6116,00</b> | <b>6178,00</b> | <b>6243,00</b> | <b>60,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                             | 1                   | 8                         | 1Bm            | M3   | IP55               | 231369             | 231379         | 231389         | 231399         | 195087           | 195137                               | -                   | 195627              | 195637               | 195647        |
|                                                                                             |                     |                           |                |      |                    | <b>5064,00</b>     | <b>5110,00</b> | <b>5156,00</b> | <b>5202,00</b> | <b>50,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                             | 1                   | 8                         | 1Am            | M4   | IP55               | 233129             | 233139         | 233149         | 233159         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                             |                     |                           |                |      |                    | <b>5994,00</b>     | <b>6116,00</b> | <b>6178,00</b> | <b>6243,00</b> | <b>60,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                             | 1                   | 6                         | 2m             | M5   | IP55               | 234889             | 234899         | 234909         | 234919         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                             |                     |                           |                |      |                    | <b>6252,00</b>     | <b>6375,00</b> | <b>6438,00</b> | <b>6503,00</b> | <b>60,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                             | 1                   | 6-1                       | 2m             | M5   | IP55               | 234929             | 234939         | 234949         | 234959         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                             |                     |                           |                |      |                    | <b>6489,00</b>     | <b>6616,00</b> | <b>6680,00</b> | <b>6742,00</b> | <b>60,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
| 1                                                                                           | 8-2                 | 1Bm                       | M3             | IP55 | 231409             | 231419             | 231429         | 231439         | 195087         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                             |                     |                           |                |      | <b>5303,00</b>     | <b>5349,00</b>     | <b>5395,00</b> | <b>5441,00</b> | <b>50,00</b>   | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
| 1                                                                                           | 8-2                 | 1Am                       | M4             | IP55 | 233169             | 233179             | 233189         | 233199         | 195107         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                             |                     |                           |                |      | <b>6232,00</b>     | <b>6358,00</b>     | <b>6419,00</b> | <b>6482,00</b> | <b>60,00</b>   | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
| 2                                                                                           | 4                   | 1Am                       | M4             | IP55 | 232769             | 232779             | 232789         | 232799         | 195077         | 195137           | -                                    | 195597              | 195607              | 195617               |               |
|                                                                                             |                     |                           |                |      | <b>4092,00</b>     | <b>4201,00</b>     | <b>4396,00</b> | <b>4467,00</b> | <b>65,00</b>   | <b>22,00</b>     | -                                    | <b>35,00</b>        | <b>53,00</b>        | <b>62,00</b>         |               |
| 2                                                                                           | 4-1                 | 1Am                       | M4             | IP55 | 232809             | 232819             | 232829         | 232839         | 195077         | 195137           | -                                    | 195597              | 195607              | 195617               |               |
|                                                                                             |                     |                           |                |      | <b>4296,00</b>     | <b>4408,00</b>     | <b>4602,00</b> | <b>4672,00</b> | <b>65,00</b>   | <b>22,00</b>     | -                                    | <b>35,00</b>        | <b>53,00</b>        | <b>62,00</b>         |               |
| 2 000                                                                                       | 1                   | 6                         | 1Am            | M4   | IP55               | 233369             | 233379         | 233389         | 233399         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                             |                     |                           |                |      |                    | <b>6261,00</b>     | <b>6324,00</b> | <b>6384,00</b> | <b>6447,00</b> | <b>60,00</b>     | <b>22,00</b>                         | Prix                | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                             | 1                   | 6-1                       | 1Am            | M4   | IP55               | 233409             | 233419         | 233429         | 233439         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                             |                     |                           |                |      |                    | <b>6488,00</b>     | <b>6551,00</b> | <b>6614,00</b> | <b>6676,00</b> | <b>60,00</b>     | <b>22,00</b>                         | Prix                | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                             | 1                   | 8                         | 1Bm            | M3   | IP55               | 231609             | 231619         | 231629         | 231639         | 195087           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                             |                     |                           |                |      |                    | <b>5994,00</b>     | <b>6054,00</b> | <b>6114,00</b> | <b>6174,00</b> | <b>50,00</b>     | <b>22,00</b>                         | Prix                | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
| 1                                                                                           | 8-2                 | 1Bm                       | M3             | IP55 | 231649             | 231659             | 231669         | 231649         | 195107         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                             |                     |                           |                |      | <b>6232,00</b>     | <b>6292,00</b>     | <b>6352,00</b> | <b>6232,00</b> | <b>60,00</b>   | <b>22,00</b>     | Prix                                 | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
| 2                                                                                           | 4                   | 1Bm                       | M3             | IP55 | 231249             | 231259             | 231269         | 231279         | 195077         | 195137           | -                                    | 195597              | 195607              | 195617               |               |
|                                                                                             |                     |                           |                |      | <b>4092,00</b>     | <b>4162,00</b>     | <b>4232,00</b> | <b>4302,00</b> | <b>65,00</b>   | <b>22,00</b>     | Prix                                 | <b>35,00</b>        | <b>53,00</b>        | <b>62,00</b>         |               |
| 2                                                                                           | 4                   | 2m                        | M5             | IP55 | 234529             | 234539             | 234549         | 234569         | 195097         | 195137           | -                                    | 195627              | 195637              | 195647               |               |
|                                                                                             |                     |                           |                |      | <b>5481,00</b>     | <b>5575,00</b>     | <b>5670,00</b> | <b>5719,00</b> | <b>92,30</b>   | <b>22,00</b>     | Prix                                 | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |

Net unit prices in €uro before tax

General sales and service conditions pages 210 and 211

## Range of electric chain hoists 3-phases from 1 600 to 5 000 kg, with electric trolley 1 speed 12 m/min



| tralift™ TS electric chain hoist 400 V - 50 Hz + electric trolley 1 speed 12 m/min |                     |                           |                |      |                    |                    |                |                |                |                  |                                      |                     |                     |                      |               |         |
|------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|------|--------------------|--------------------|----------------|----------------|----------------|------------------|--------------------------------------|---------------------|---------------------|----------------------|---------------|---------|
| W.L.L.<br>(kg)                                                                     | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |      | Protection<br>I.P. | Lifting height (m) |                |                |                | Add. m.<br>chain | Add. m.<br>pendant<br>control<br>box | Option hanger bar   |                     |                      |               |         |
|                                                                                    |                     |                           | FEM            | ISO  |                    | 3                  | 4              | 5              | 6              |                  |                                      | Lg.<br>maxi.<br>(m) | Lg.<br>maxi.<br>(m) | L1<br>standard<br>mm | L2 mm         | L3 mm   |
| 2 000                                                                              | 2                   | 4-1                       | 1Bm            | M3   | IP55               | 231289             | 231299         | 231309         | 231319         | 195077           | 195137                               | -                   | 195597              | 195607               | 195617        |         |
|                                                                                    |                     |                           |                |      |                    | <b>4296,00</b>     | <b>4366,00</b> | <b>4436,00</b> | <b>4506,00</b> | <b>65,00</b>     | <b>22,00</b>                         | -                   | <b>35,00</b>        | <b>53,00</b>         | <b>62,00</b>  |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                |                  | 17                                   | 16                  | 76-139              | 140-199              | 200-259       | 260-320 |
|                                                                                    | 2                   | 4-1                       | 2m             | M5   | IP55               | 234569             | 234579         | 234589         | 234599         | 195097           | 195137                               | -                   | 195627              | 195637               | 195647        |         |
|                                                                                    |                     |                           |                |      |                    | <b>5719,00</b>     | <b>5815,00</b> | <b>5909,00</b> | <b>6004,00</b> | <b>92,30</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                |                  | 15                                   | 14                  | 120-179             | 56-119               | 180-239       | 240-300 |
| 2                                                                                  | 5-1                 | 2m                        | M5             | IP55 | 235089             | 235099             | 235109         | 235119         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |         |
|                                                                                    |                     |                           |                |      | <b>7247,00</b>     | <b>7361,00</b>     | <b>7475,00</b> | <b>7591,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |         |
| 2 500                                                                              | 1                   | 6                         | 1Bm            | M3   | IP55               | 231849             | 231859         | 231869         | 231879         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |         |
|                                                                                    |                     |                           |                |      |                    | <b>6246,00</b>     | <b>6306,00</b> | <b>6366,00</b> | <b>6426,00</b> | <b>60,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                |                  | 25                                   | 24                  | 120-179             | 56-119               | 180-239       | 240-300 |
|                                                                                    | 1                   | 6-1                       | 1Bm            | M3   | IP55               | 231889             | 231899         | 231909         | 231919         | 195107           | 195137                               | -                   | 195657              | 195667               | 195677        |         |
|                                                                                    |                     |                           |                |      |                    | <b>6485,00</b>     | <b>6545,00</b> | <b>6605,00</b> | <b>6665,00</b> | <b>60,00</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                |                  | 25                                   | 24                  | 120-179             | 56-119               | 180-239       | 240-300 |
|                                                                                    | 2                   | 4                         | 1Am            | M4   | IP55               | 233009             | 233019         | 233029         | 233029         | 195097           | 195137                               | -                   | 195627              | 195637               | 195647        |         |
|                                                                                    |                     |                           |                |      |                    | <b>5476,00</b>     | <b>5572,00</b> | <b>5667,00</b> | <b>5762,00</b> | <b>92,30</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                |                  | 15                                   | 14                  | 120-179             | 56-119               | 180-239       | 240-300 |
|                                                                                    | 2                   | 4                         | 2m             | M5   | IP55               | 234769             | 234779         | 234789         | 234799         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |         |
|                                                                                    |                     |                           |                |      |                    | <b>6398,00</b>     | <b>6512,00</b> | <b>6626,00</b> | <b>6742,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                |                  | 12                                   | 11                  | 120-179             | 56-119               | 180-239       | 240-300 |
| 2                                                                                  | 4-1                 | 1Am                       | M4             | IP55 | 233049             | 233059             | 233069         | 233079         | 195097         | 195137           | -                                    | 195627              | 195637              | 195647               |               |         |
|                                                                                    |                     |                           |                |      | <b>5716,00</b>     | <b>5810,00</b>     | <b>5906,00</b> | <b>6000,00</b> | <b>92,30</b>   | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 15               | 14                                   | 120-179             | 56-119              | 180-239              | 240-300       |         |
| 2                                                                                  | 4-1                 | 2m                        | M5             | IP55 | 234809             | 234819             | 234829         | 234839         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |         |
|                                                                                    |                     |                           |                |      | <b>6637,00</b>     | <b>6750,00</b>     | <b>6865,00</b> | <b>6979,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |         |
| 2                                                                                  | 5-1                 | 1Am                       | M4             | IP55 | 233569             | 233579             | 233589         | 233599         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |         |
|                                                                                    |                     |                           |                |      | <b>7244,00</b>     | <b>7357,00</b>     | <b>7472,00</b> | <b>7586,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |         |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |         |

Net unit prices in €uro before tax

## Range of electric chain hoists 3-phases from 1 600 to 5 000 kg, with electric trolley 1 speed 12 m/min



HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

| tralift™ TS electric chain hoist 400 V - 50 Hz + electric trolley 1 speed 12 m/min |                     |                           |                |      |                    |                    |                |                |                |                  |                                      |                     |                     |                      |               |
|------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|------|--------------------|--------------------|----------------|----------------|----------------|------------------|--------------------------------------|---------------------|---------------------|----------------------|---------------|
| W.L.L.<br>(kg)                                                                     | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |      | Protection<br>I.P. | Lifting height (m) |                |                |                | Add. m.<br>chain | Add. m.<br>pendant<br>control<br>box | Option hanger bar   |                     |                      |               |
|                                                                                    |                     |                           | FEM            | ISO  |                    | 3                  | 4              | 5              | 6              |                  |                                      | Lg.<br>maxi.<br>(m) | Lg.<br>maxi.<br>(m) | L1<br>standard<br>mm | L2 mm         |
| 3 200                                                                              | 2                   | 3                         | 2m             | M5   | IP55               | 235009             | 235019         | 235029         | 235039         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                    |                     |                           |                |      |                    | <b>6656,00</b>     | <b>6769,00</b> | <b>6884,00</b> | <b>6998,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                    | 2                   | 3-1                       | 2m             | M5   | IP55               | 235049             | 235059         | 235069         | 235079         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                    |                     |                           |                |      |                    | <b>6893,00</b>     | <b>7007,00</b> | <b>7121,00</b> | <b>7237,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                    | 2                   | 4                         | 1Bm            | M3   | IP55               | 231489             | 231499         | 231509         | 231519         | 195097           | 195137                               | -                   | 195627              | 195637               | 195647        |
|                                                                                    |                     |                           |                |      |                    | <b>5476,00</b>     | <b>5568,00</b> | <b>5660,00</b> | <b>5752,00</b> | <b>92,30</b>     | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 15               | 14                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                    | 2                   | 4                         | 1Am            | M4   | IP55               | 233249             | 233259         | 233269         | 233279         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                    |                     |                           |                |      |                    | <b>6398,00</b>     | <b>6512,00</b> | <b>6626,00</b> | <b>6742,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                    |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |
| 2                                                                                  | 4-1                 | 1Bm                       | M3             | IP55 | 231529             | 231539             | 231549         | 231559         | 195097         | 195137           | -                                    | 195627              | 195637              | 195647               |               |
|                                                                                    |                     |                           |                |      | <b>5740,00</b>     | <b>5832,00</b>     | <b>5924,00</b> | <b>6016,00</b> | <b>92,30</b>   | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 15             | 14               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                  | 4-1                 | 1Am                       | M4             | IP55 | 233289             | 233299             | 233309         | 233319         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                    |                     |                           |                |      | <b>6637,00</b>     | <b>6750,00</b>     | <b>6865,00</b> | <b>6979,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                  | 5-1                 | 1Bm                       | M3             | IP55 | 232049             | 232059             | 232069         | 232079         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                    |                     |                           |                |      | <b>7244,00</b>     | <b>7364,00</b>     | <b>7484,00</b> | <b>7604,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 4 000                                                                              | 2                   | 3                         | 1Am            | M4   | IP55               | 233489             | 233499         | 233509         | 233519         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                    |                     |                           |                |      |                    | <b>6659,00</b>     | <b>6773,00</b> | <b>6887,00</b> | <b>7002,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
|                                                                                    | 2                   | 3-1                       | 1Am            | M4   | IP55               | 233529             | 233539         | 233549         | 233559         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
| <b>6897,00</b>                                                                     |                     |                           |                |      |                    | <b>7010,00</b>     | <b>7126,00</b> | <b>7240,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                  | 4                   | 1Bm                       | M3             | IP55 | 231729             | 231739             | 231749         | 231759         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                    |                     |                           |                |      | <b>6402,00</b>     | <b>6522,00</b>     | <b>6642,00</b> | <b>6762,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                  | 4-1                 | 1Bm                       | M3             | IP55 | 231769             | 231779             | 231789         | 231799         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                    |                     |                           |                |      | <b>6640,00</b>     | <b>6760,00</b>     | <b>6880,00</b> | <b>7000,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 5 000                                                                              | 2                   | 3                         | 1Bm            | M3   | IP55               | 231969             | 231979         | 231989         | 231999         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                    |                     |                           |                |      |                    | <b>6656,00</b>     | <b>6776,00</b> | <b>6896,00</b> | <b>7016,00</b> | <b>111,00</b>    | <b>22,00</b>                         | Prix                | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
|                                                                                    | 2                   | 3-1                       | 1Bm            | M3   | IP55               | 232009             | 232019         | 232029         | 232039         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
| <b>6893,00</b>                                                                     |                     |                           |                |      |                    | <b>7013,00</b>     | <b>7133,00</b> | <b>7253,00</b> | <b>111,00</b>  | <b>22,00</b>     | Prix                                 | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                    |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |

Net unit prices in Euro before tax

## Range of electric chain hoists 3-phases from 1 600 to 5 000 kg, with electric trolley 2 speeds 12 - 4 m/min



| tralift™ TS electric chain hoist 3-phases 400 V - 50 Hz + electric trolley 2 speeds 12-4 m/min |                     |                           |                |      |                    |                    |                |                |                |                     |                                      |                     |                     |                      |               |
|------------------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|------|--------------------|--------------------|----------------|----------------|----------------|---------------------|--------------------------------------|---------------------|---------------------|----------------------|---------------|
| W.L.L.<br>(kg)                                                                                 | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |      | Protection<br>I.P. | Lifting height (m) |                |                |                | Add.<br>m.<br>chain | Add. m.<br>pendant<br>control<br>box | Option hanger bar   |                     |                      |               |
|                                                                                                |                     |                           | FEM            | ISO  |                    | 3                  | 4              | 5              | 6              |                     |                                      | Lg.<br>maxi.<br>(m) | Lg.<br>maxi.<br>(m) | L1<br>standard<br>mm | L2 mm         |
| 1 600                                                                                          | 1                   | 8                         | 1Bm            | M3   | IP55               | 235929             | 235939         | 235949         | 235959         | 195087              | 195137                               | -                   | 195627              | 195637               | 195647        |
|                                                                                                |                     |                           |                |      |                    | <b>5124,00</b>     | <b>5170,00</b> | <b>5216,00</b> | <b>5262,00</b> | <b>50,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 30                  | 29                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                                | 1                   | 8                         | 1Am            | M4   | IP55               | 237689             | 237699         | 237709         | 237719         | 195107              | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                                |                     |                           |                |      |                    | <b>6253,00</b>     | <b>6315,00</b> | <b>6377,00</b> | <b>6440,00</b> | <b>60,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 25                  | 24                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                                | 1                   | 6                         | 2m             | M5   | IP55               | 239449             | 239459         | 239469         | 239479         | 195107              | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                                |                     |                           |                |      |                    | <b>6512,00</b>     | <b>6575,00</b> | <b>6637,00</b> | <b>6699,00</b> | <b>60,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 25                  | 24                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                                | 1                   | 6-1                       | 2m             | M5   | IP55               | 239489             | 239499         | 239509         | 239519         | 195107              | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                                |                     |                           |                |      |                    | <b>6755,00</b>     | <b>6818,00</b> | <b>6880,00</b> | <b>6944,00</b> | <b>60,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 25                  | 24                                   | 120-179             | 56-119              | 180-239              | 240-300       |
| 1                                                                                              | 8-2                 | 1Bm                       | M3             | IP55 | 235969             | 235979             | 235989         | 235999         | 195087         | 195137              | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                                |                     |                           |                |      | <b>5366,00</b>     | <b>5412,00</b>     | <b>5458,00</b> | <b>5504,00</b> | <b>50,00</b>   | <b>22,00</b>        | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                                |                     |                           |                |      |                    |                    |                |                | 30             | 29                  | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 1                                                                                              | 8-2                 | 1Am                       | M4             | IP55 | 237729             | 237739             | 237749         | 237759         | 195107         | 195137              | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                                |                     |                           |                |      | <b>6495,00</b>     | <b>6558,00</b>     | <b>6622,00</b> | <b>6685,00</b> | <b>60,00</b>   | <b>22,00</b>        | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                                |                     |                           |                |      |                    |                    |                |                | 25             | 21                  | 76-139                               | 140-199             | 200-259             | 260-320              |               |
| 2                                                                                              | 4                   | 1Am                       | M4             | IP55 | 237329             | 237339             | 237349         | 237359         | 195077         | 195137              | -                                    | 195597              | 195607              | 195617               |               |
|                                                                                                |                     |                           |                |      | <b>4250,00</b>     | <b>4320,00</b>     | <b>4515,00</b> | <b>4585,00</b> | <b>65,00</b>   | <b>22,00</b>        | -                                    | <b>35,00</b>        | <b>53,00</b>        | <b>62,00</b>         |               |
|                                                                                                |                     |                           |                |      |                    |                    |                |                | 17             | 16                  | 76-139                               | 140-199             | 200-259             | 260-320              |               |
| 2                                                                                              | 4-1                 | 1Am                       | M4             | IP55 | 237369             | 237379             | 237389         | 237399         | 195077         | 195137              | -                                    | 195597              | 195607              | 195617               |               |
|                                                                                                |                     |                           |                |      | <b>4459,00</b>     | <b>4530,00</b>     | <b>4724,00</b> | <b>4793,00</b> | <b>65,00</b>   | <b>22,00</b>        | -                                    | <b>35,00</b>        | <b>53,00</b>        | <b>62,00</b>         |               |
|                                                                                                |                     |                           |                |      |                    |                    |                |                | 17             | 16                  | 76-139                               | 56-119              | 180-239             | 240-300              |               |
| 2 000                                                                                          | 1                   | 6                         | 1Am            | M4   | IP55               | 237929             | 237939         | 237949         | 237959         | 195107              | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                                |                     |                           |                |      |                    | <b>6460,00</b>     | <b>6522,00</b> | <b>6585,00</b> | <b>6647,00</b> | <b>60,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 25                  | 24                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                                | 1                   | 6-1                       | 1Am            | M4   | IP55               | 237969             | 237979         | 237989         | 237999         | 195107              | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                                |                     |                           |                |      |                    | <b>6689,00</b>     | <b>6751,00</b> | <b>6814,00</b> | <b>6876,00</b> | <b>60,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 25                  | 24                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                                | 1                   | 8                         | 1Bm            | M3   | IP55               | 236169             | 236179         | 236189         | 236199         | 195087              | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                                |                     |                           |                |      |                    | <b>6190,00</b>     | <b>6250,00</b> | <b>6310,00</b> | <b>6370,00</b> | <b>50,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 25                  | 24                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                                | 1                   | 8-2                       | 1Bm            | M3   | IP55               | 236209             | 236219         | 236229         | 236239         | 195107              | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                                |                     |                           |                |      |                    | <b>6433,00</b>     | <b>6493,00</b> | <b>6553,00</b> | <b>6613,00</b> | <b>60,00</b>        | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                                |                     |                           |                |      |                    |                    |                |                |                | 25                  | 24                                   | 120-179             | 56-119              | 180-239              | 240-300       |
| 2                                                                                              | 4                   | 1Bm                       | M3             | IP55 | 235809             | 235819             | 235829         | 235839         | 195077         | 195137              | -                                    | 195597              | 195607              | 195617               |               |
|                                                                                                |                     |                           |                |      | <b>4210,00</b>     | <b>4280,00</b>     | <b>4350,00</b> | <b>4420,00</b> | <b>65,00</b>   | <b>22,00</b>        | -                                    | <b>35,00</b>        | <b>53,00</b>        | <b>62,00</b>         |               |
|                                                                                                |                     |                           |                |      |                    |                    |                |                | 17             | 16                  | 76-139                               | 140-199             | 200-259             | 260-320              |               |
| 2                                                                                              | 4                   | 2m                        | M5             | IP55 | 239089             | 239099             | 239109         | 239119         | 195097         | 195137              | -                                    | 195627              | 195637              | 195647               |               |
|                                                                                                |                     |                           |                |      | <b>5594,00</b>     | <b>5688,00</b>     | <b>5781,00</b> | <b>5876,00</b> | <b>92,30</b>   | <b>22,00</b>        | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                                |                     |                           |                |      |                    |                    |                |                | 15             | 14                  | 120-179                              | 56-119              | 180-239             | 240-300              |               |

Net unit prices in €uro before tax

## Range of electric chain hoists 3-phases from 1 600 to 5 000 kg, with electric trolley 2 speeds 12 - 4 m/min



HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

tralift™ TS electric chain hoist 400 V - 50 Hz + electric trolley 2 speeds 12-4 m/min

| W.L.L.<br>(kg) | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |      | Protection<br>I.P. | Lifting height<br>(m) |                |                |                         | Add. m.<br>chain        | Add. m.<br>pendant<br>control<br>box | Option hanger bar      |                        |                         |                         |
|----------------|---------------------|---------------------------|----------------|------|--------------------|-----------------------|----------------|----------------|-------------------------|-------------------------|--------------------------------------|------------------------|------------------------|-------------------------|-------------------------|
|                |                     |                           | FEM            | ISO  |                    | 3                     | 4              | 5              | 6                       |                         |                                      | Lg.<br>maxi.<br>(m)    | Lg.<br>maxi.<br>(m)    | L1<br>standard<br>mm    | L2<br>Mm                |
| 2 000          | 2                   | 4-1                       | 1Bm            | M3   | IP55               | 235849                | 235859         | 235869         | 235879                  | 195077<br><b>65,00</b>  | 195137<br><b>22,00</b>               | -                      | 195597<br><b>35,00</b> | 195607<br><b>53,00</b>  | 195617<br><b>62,00</b>  |
|                |                     |                           |                |      |                    | <b>4417,00</b>        | <b>4487,00</b> | <b>4557,00</b> | <b>4627,00</b>          | 17                      | 16                                   | 76-139                 | 140-199                | 200-259                 | 260-320                 |
|                | 2                   | 4-1                       | 2m             | M5   | IP55               | 239129                | 239139         | 239149         | 239159                  | 195097<br><b>92,30</b>  | 195137<br><b>22,00</b>               | -                      | 195627<br><b>83,00</b> | 195637<br><b>90,00</b>  | 195647<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>5834,00</b>        | <b>5929,00</b> | <b>6023,00</b> | <b>6119,00</b>          | 15                      | 14                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
|                | 2                   | 5-1                       | 2m             | M5   | IP55               | 239649                | 239659         | 239669         | 239679                  | 195117<br><b>111,00</b> | 195137<br><b>22,00</b>               | -                      | 195657<br><b>83,00</b> | 195667<br><b>90,00</b>  | 195677<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>7447,00</b>        | <b>7561,00</b> | <b>7676,00</b> | <b>7789,00</b>          | 12                      | 11                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
| 2 500          | 1                   | 6                         | 1Bm            | M3   | IP55               | 236409                | 236419         | 236429         | 236439                  | 195107<br><b>60,00</b>  | 195137<br><b>22,00</b>               | -                      | 195657<br><b>83,00</b> | 195667<br><b>90,00</b>  | 195677<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>6444,00</b>        | <b>6504,00</b> | <b>6564,00</b> | <b>6624,00</b>          | 25                      | 24                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
|                | 1                   | 6-1                       | 1Bm            | M3   | IP55               | 236449                | 236459         | 236469         | 236479                  | 195107<br><b>60,00</b>  | 195137<br><b>22,00</b>               | -                      | 195657<br><b>83,00</b> | 195667<br><b>90,00</b>  | 195677<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>6686,00</b>        | <b>6746,00</b> | <b>6806,00</b> | <b>6866,00</b>          | 25                      | 24                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
|                | 2                   | 4                         | 1Am            | M4   | IP55               | 237569                | 237579         | 237589         | 237599                  | 195097<br><b>92,30</b>  | 195137<br><b>22,00</b>               | -                      | 195627<br><b>83,00</b> | 195637<br><b>90,00</b>  | 195647<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>5590,00</b>        | <b>5683,00</b> | <b>5778,00</b> | <b>5872,00</b>          | 15                      | 14                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
|                | 2                   | 4                         | 2m             | M5   | IP55               | 239329                | 239339         | 239349         | 239359                  | 195117<br><b>111,00</b> | 195137<br><b>22,00</b>               | -                      | 195657<br><b>83,00</b> | 195667<br><b>90,00</b>  | 195677<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>6594,00</b>        | <b>6709,00</b> | <b>6823,00</b> | <b>6936,00</b>          | 12                      | 11                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
|                | 2                   | 4-1                       | 1Am            | M4   | IP55               | 237609                | 239619         | 239629         | 239639                  | 195097<br><b>92,30</b>  | 195137<br><b>22,00</b>               | -                      | 195627<br><b>83,00</b> | 195637<br><b>90,00</b>  | 195647<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>5831,00</b>        | <b>7207,00</b> | <b>7322,00</b> | <b>7435,00</b>          | 15                      | 14                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
|                | 2                   | 4-1                       | 2m             | M5   | IP55               | 239369                | 239379         | 239389         | 239399                  | 195117<br><b>111,00</b> | 195137<br><b>22,00</b>               | -                      | 195657<br><b>83,00</b> | 195667<br><b>90,00</b>  | 195677<br><b>123,00</b> |
|                |                     |                           |                |      |                    | <b>6836,00</b>        | <b>6950,00</b> | <b>7066,00</b> | <b>7179,00</b>          | 12                      | 11                                   | 120-179                | 56-119                 | 180-239                 | 240-300                 |
| 2              | 5-1                 | 1Am                       | M4             | IP55 | 238129             | 238139                | 238149         | 238159         | 195117<br><b>111,00</b> | 195137<br><b>22,00</b>  | -                                    | 195657<br><b>83,00</b> | 195667<br><b>90,00</b> | 195677<br><b>123,00</b> |                         |
|                |                     |                           |                |      | <b>7444,00</b>     | <b>7557,00</b>        | <b>7672,00</b> | <b>7779,00</b> | 12                      | 11                      | 120-179                              | 56-119                 | 180-239                | 240-300                 |                         |

Net unit prices in €uro before tax

## Range of electric chain hoists 3-phases from 1 600 to 5 000 kg, with electric trolley 2 speeds 12 - 4 m/min



| tralift™ TS electric chain hoist 400 V - 50 Hz + electric trolley 2 speeds 12-4 m/min |                     |                           |                |      |                    |                    |                |                |                |                  |                                      |                     |                     |                      |               |
|---------------------------------------------------------------------------------------|---------------------|---------------------------|----------------|------|--------------------|--------------------|----------------|----------------|----------------|------------------|--------------------------------------|---------------------|---------------------|----------------------|---------------|
| W.L.L.<br>(kg)                                                                        | Nber<br>of<br>falls | Lifting<br>speed<br>m/min | Classification |      | Protection<br>I.P. | Lifting height (m) |                |                |                | Add. m.<br>chain | Add. m.<br>pendant<br>control<br>box | Option hanger bar   |                     |                      |               |
|                                                                                       |                     |                           | FEM            | ISO  |                    | 3                  | 4              | 5              | 6              |                  |                                      | Lg.<br>maxi.<br>(m) | Lg.<br>maxi.<br>(m) | L1<br>standard<br>mm | L2 mm         |
| 3 200                                                                                 | 2                   | 3                         | 2m             | M5   | IP55               | 239569             | 239579         | 239589         | 239599         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                       |                     |                           |                |      |                    | <b>6852,00</b>     | <b>6966,00</b> | <b>7080,00</b> | <b>7193,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                       |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                       | 2                   | 3-1                       | 2m             | M5   | IP55               | 239609             | 239619         | 239629         | 239639         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                       |                     |                           |                |      |                    | <b>7094,00</b>     | <b>7207,00</b> | <b>7322,00</b> | <b>7435,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                       |                     |                           |                |      |                    |                    |                |                |                | 12               | 11                                   | 120-179             | 56-119              | 180-239              | 240-300       |
|                                                                                       | 2                   | 4                         | 1Bm            | M3   | IP55               | 236049             | 236059         | 236069         | 236079         | 195097           | 195137                               | -                   | 195627              | 195637               | 195647        |
| <b>5590,00</b>                                                                        |                     |                           |                |      |                    | <b>5682,00</b>     | <b>5774,00</b> | <b>5866,00</b> | <b>92,30</b>   | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 15             | 14               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                     | 4                   | 1Am                       | M4             | IP55 | 237809             | 237819             | 237829         | 237839         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                       |                     |                           |                |      | <b>6594,00</b>     | <b>6709,00</b>     | <b>6823,00</b> | <b>6936,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                     | 4-1                 | 1Bm                       | M3             | IP55 | 236089             | 236099             | 236109         | 236119         | 195097         | 195137           | -                                    | 195627              | 195637              | 195647               |               |
|                                                                                       |                     |                           |                |      | <b>5854,00</b>     | <b>5946,00</b>     | <b>6038,00</b> | <b>6130,00</b> | <b>92,30</b>   | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 15             | 14               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                     | 4-1                 | 1Am                       | M4             | IP55 | 237849             | 237859             | 237869         | 237879         | 195107         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                       |                     |                           |                |      | <b>6836,00</b>     | <b>6950,00</b>     | <b>7066,00</b> | <b>7179,00</b> | <b>60,00</b>   | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                     | 5-1                 | 1Bm                       | M3             | IP55 | 232049             | 232059             | 232069         | 232079         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                       |                     |                           |                |      | <b>7244,00</b>     | <b>7364,00</b>     | <b>7484,00</b> | <b>7604,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 4 000                                                                                 | 2                   | 3                         | 1Am            | M4   | IP55               | 238049             | 238059         | 238069         | 238079         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                       |                     |                           |                |      |                    | <b>6855,00</b>     | <b>6970,00</b> | <b>7083,00</b> | <b>7199,00</b> | <b>111,00</b>    | <b>22,00</b>                         | -                   | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
|                                                                                       | 2                   | 3-1                       | 1Am            | M4   | IP55               | 238089             | 238099         | 238109         | 238119         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
| <b>7097,00</b>                                                                        |                     |                           |                |      |                    | <b>7211,00</b>     | <b>7325,00</b> | <b>7439,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                     | 4                   | 1Bm                       | M3             | IP55 | 236289             | 236299             | 236309         | 236319         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                       |                     |                           |                |      | <b>6597,00</b>     | <b>6717,00</b>     | <b>6837,00</b> | <b>6957,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                     | 4                   | 1Bm                       | M3             | IP55 | 236289             | 236299             | 236309         | 236319         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                       |                     |                           |                |      | <b>6597,00</b>     | <b>6717,00</b>     | <b>6837,00</b> | <b>6957,00</b> | <b>111,00</b>  | <b>22,00</b>     | -                                    | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 5 000                                                                                 | 2                   | 3                         | 1Bm            | M3   | IP55               | 236529             | 236539         | 236549         | 236559         | 195117           | 195137                               | -                   | 195657              | 195667               | 195677        |
|                                                                                       |                     |                           |                |      |                    | <b>6852,00</b>     | <b>6972,00</b> | <b>7092,00</b> | <b>7212,00</b> | <b>111,00</b>    | <b>22,00</b>                         | <b>Prix</b>         | <b>83,00</b>        | <b>90,00</b>         | <b>123,00</b> |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |
| 2                                                                                     | 3-1                 | 1Bm                       | M3             | IP55 | 236569             | 236579             | 236589         | 236599         | 195117         | 195137           | -                                    | 195657              | 195667              | 195677               |               |
|                                                                                       |                     |                           |                |      | <b>7094,00</b>     | <b>7214,00</b>     | <b>7334,00</b> | <b>7454,00</b> | <b>111,00</b>  | <b>22,00</b>     | <b>Prix</b>                          | <b>83,00</b>        | <b>90,00</b>        | <b>123,00</b>        |               |
|                                                                                       |                     |                           |                |      |                    |                    |                |                | 12             | 11               | 120-179                              | 56-119              | 180-239             | 240-300              |               |

Net unit prices in €uro before tax

## Chain bags (capacities from 2 500 to 5 000 kg next page)

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

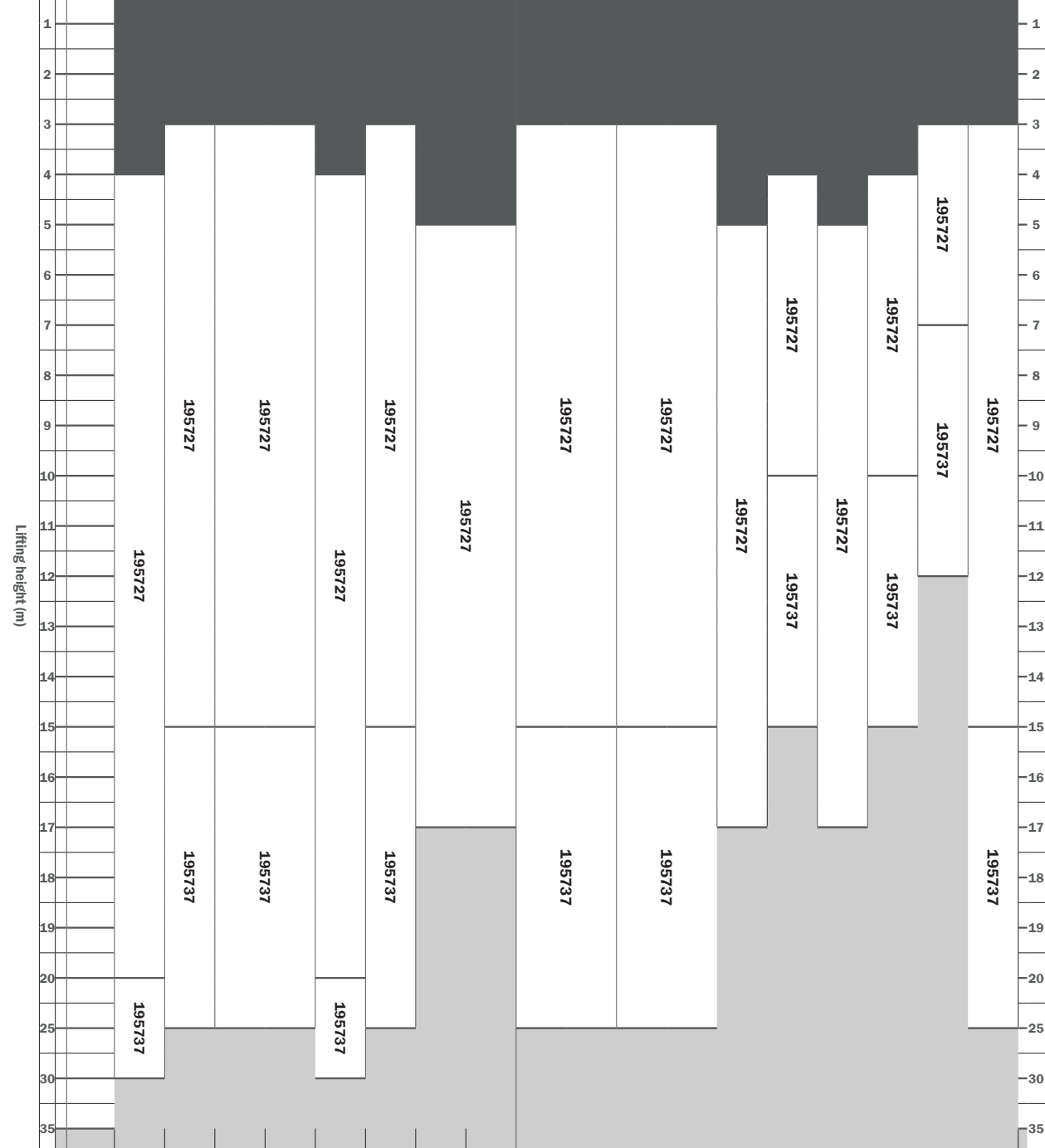
PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

| W.L.L. (kg)           | 18m M3 | 1 600 |   |       |     | 1 600 |       |       |       | 2 000 |       |       |      | 2 000 |      |       |       | 2 000 |  |  |  |
|-----------------------|--------|-------|---|-------|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|------|-------|-------|-------|--|--|--|
|                       | 1Am M4 | 1 600 |   | 1 600 |     | 1 600 |       | 2 000 |       | 2 000 |       | 2 000 |      | 2 000 |      | 2 000 |       |       |  |  |  |
|                       | 2m M5  | 1 600 |   | 1 600 |     | 1 600 |       | 2 000 |       | 2 000 |       | 2 000 |      | 2 000 |      | 2 000 |       |       |  |  |  |
| Number of falls       | 1      | 1     | 1 | 1     | 1   | 1     | 2     | 2     | 1     | 1     | 1     | 1     | 2    | 2     | 2    | 2     | 2     | 2     |  |  |  |
| Chain (mm)            | 9x27   | 10x28 |   | 10x28 |     | 9x27  | 10x28 |       | 10x28 |       | 10x28 |       | 7x22 | 9x27  | 7x22 | 9x27  | 10x28 |       |  |  |  |
| Lifting speed (m/min) | 8      | 8     | 6 | 6-1   | 8-2 | 8-2   | 4     | 4-1   | 6     | 6-1   | 8     | 8-2   | 4    | 4     | 4-1  | 4-1   | 5-1   | 6-1   |  |  |  |

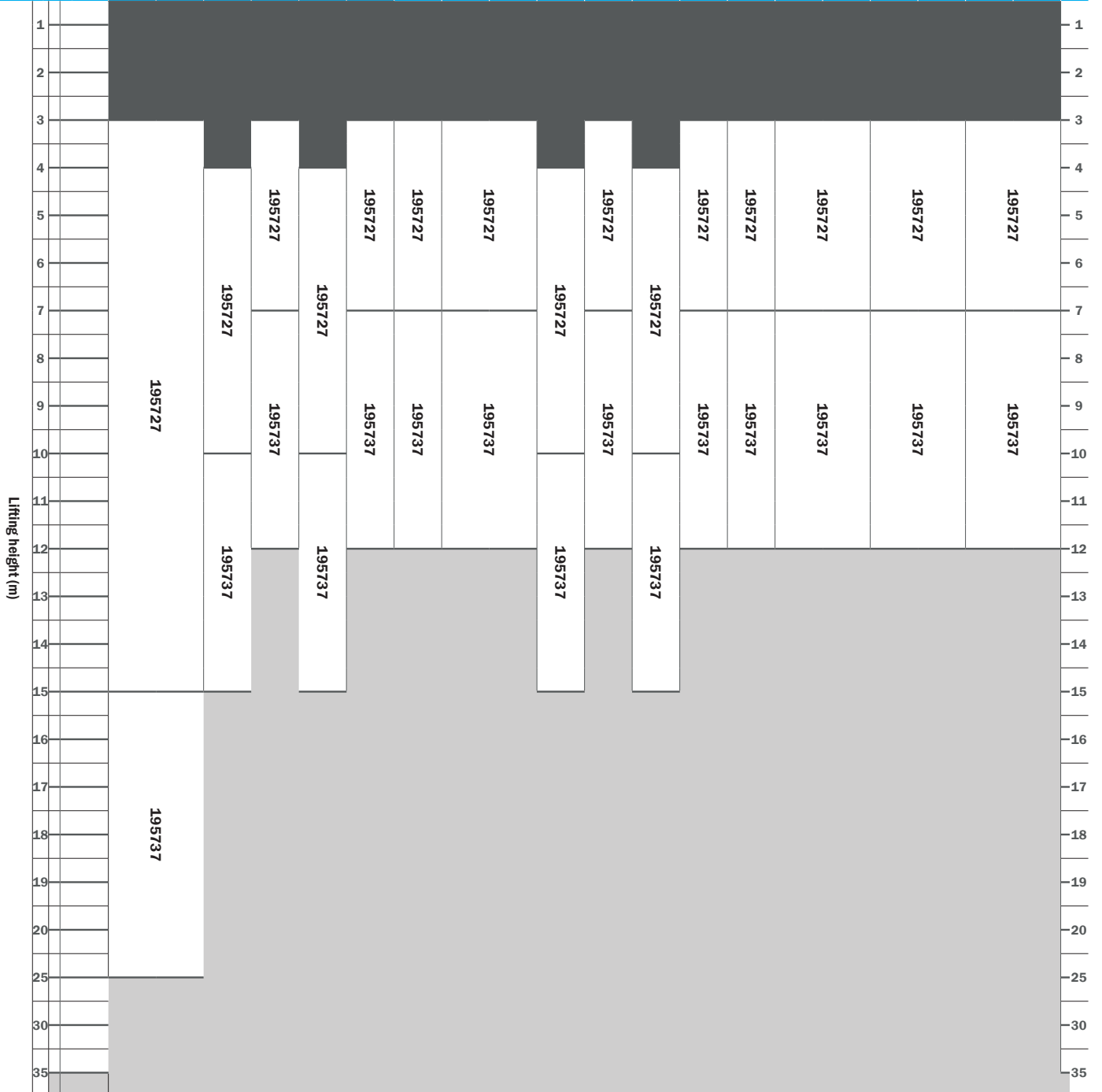


|         |        |        |
|---------|--------|--------|
| Code    | 195727 | 195737 |
| Price € | 162,00 | 253,00 |

■ Standard  
■ Unavailable

## Chain bags

| W.L.L. (kg)           | 1Bm M3 | 2 500 |      | -     | -    | -     | -     | -     | -   | 3 200 | -     | 3 200 | -     | 3 200 | -     | 4 000 |       | 5 000 |       |     |
|-----------------------|--------|-------|------|-------|------|-------|-------|-------|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
|                       | 1Am M4 | 2 500 |      | 2 500 | -    | 2 500 | -     | 2 500 | -   | 3 200 | 3 200 | -     | 3 200 | -     | 4 000 |       |       |       |       |     |
|                       | 2m M5  | 2 500 |      | 2 500 | -    | 2 500 | -     | 2 500 | -   | 3 200 |       | -     | 3 200 | -     | 4 000 |       |       |       |       |     |
| Number of falls       | 1      | 1     | 2    | 2     | 2    | 2     | 2     | 2     | 2   | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2   |
| Chain (mm)            | 10x28  |       | 9x27 | 10x28 | 9x27 | 10x28 | 10x28 | 10x28 |     | 9x27  | 10x28 | 9x27  | 10x28 | 10x28 | 10x28 |       | 10x28 |       | 10x28 |     |
| Lifting speed (m/min) | 6      | 6-1   | 4    | 4     | 4-1  | 4-1   | 5-1   | 3     | 3-1 | 4     | 4     | 4-1   | 4-1   | 5-1   | 3     | 3-1   | 4     | 4-1   | 3     | 3-1 |



|         |        |        |
|---------|--------|--------|
| Code    | 195727 | 195737 |
| Price € | 162,00 | 253,00 |

■: Standard

■: Unavailable



## Options (trolleys and hanger bar)

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

| Hand operated trolley for hoists tralift™ TS |               |        |     |        |     |        |     |        |     |        |       |        |       |        |                    |       |
|----------------------------------------------|---------------|--------|-----|--------|-----|--------|-----|--------|-----|--------|-------|--------|-------|--------|--------------------|-------|
| W.L.L. hoist (kg) 1Bm M3                     | 2 000         |        |     |        |     | 2 500  |     | 3 200  |     |        | 4 000 |        | 5 000 |        | Special hanger bar |       |
| W.L.L. hoist (kg) 1Am M4                     | 1 600         |        |     |        |     | 2 000  |     | 2 500  |     |        | 3 200 |        | 4 000 |        |                    |       |
| W.L.L. hoist (kg) 2m M5                      | -             |        |     |        |     | 1 600  |     | 2 000  |     |        | 2 500 |        | 3 200 |        |                    |       |
| Number of falls                              | 2             | 2      | 2   | 1      | 1   | 1      | 1   | 2      | 2   | 2      | 2     | 2      | 2     | 2      |                    |       |
| Lifting speed (m/min)                        | 4             | 4/1    | 6/1 | 8      | 8/2 | 6      | 6/1 | 4      | 4/1 | 5/1    | 4     | 4/1    | 3     | 3/1    |                    |       |
| TSP 150                                      | Code 240189   | 289,00 |     |        |     |        |     |        |     |        |       |        |       | D/E/F  |                    |       |
|                                              | lg 76-139 mm  |        |     |        |     |        |     |        |     |        |       |        |       |        |                    |       |
| TSP 300                                      | Code 240199   |        |     | 585,00 |     |        |     | 585,00 |     |        |       | 585,00 |       |        |                    | G/H/I |
|                                              | lg 120-179 mm |        |     |        |     |        |     |        |     |        |       |        |       |        |                    |       |
| TSP 500                                      | Code 240209   |        |     |        |     | 492,00 |     |        |     | 492,00 |       |        |       | 492,00 |                    | J/K/L |
|                                              | lg 120-179 mm |        |     |        |     |        |     |        |     |        |       |        |       |        |                    |       |

Net unit prices in Euro before tax

 : UNAVAILABLE

| Hanger bar selection table for hand operated and electric trolley |         |         |         |        |         |         |        |         |         |
|-------------------------------------------------------------------|---------|---------|---------|--------|---------|---------|--------|---------|---------|
| Ref. :                                                            | D       | E       | F       | G      | H       | I       | J      | K       | L       |
| width (mm)                                                        | 140-199 | 200-259 | 260-320 | 56-119 | 180-239 | 240-300 | 56-119 | 180-239 | 240-300 |
| Code                                                              | 195597  | 195607  | 195617  | 195627 | 195637  | 195647  | 195657 | 195667  | 195677  |
| Price €                                                           | 35,00   | 53,00   | 62,00   | 83,00  | 90,00   | 123,00  | 83,00  | 90,00   | 123,00  |

## Others options

| Options                                                | Code   | Price €           |
|--------------------------------------------------------|--------|-------------------|
| End limit switch for trolley                           | 211427 | <b>276,00</b>     |
| Tropical protection for hoist                          | 211527 | <b>254,00</b>     |
| Tropical protection for electric trolley               | 211537 | <b>254,00</b>     |
| Hoist in version three-phase 380V 60Hz                 | 211547 | <b>254,00</b>     |
| Electric trolley in version three-phase 380V 60Hz      | 211557 | <b>254,00</b>     |
| Hoist in version three-phase 220V 50Hz                 | 211567 | <b>On request</b> |
| Electric trolley in version three-phase 220V 50Hz      | 211577 | <b>On request</b> |
| Thermal protection for hoist                           | 211587 | <b>244,00</b>     |
| I.P. 65 protection for hoist                           | 211597 | <b>174,00</b>     |
| I.P. 65 protection for trolley                         | 211607 | <b>137,00</b>     |
| Lockable emergency stop for hoist                      | 211617 | <b>62,00</b>      |
| Radio control for hoist TS 1 600 to 5 000 kg           | 211837 | <b>2014,00</b>    |
| Radio control for hoist TS 1 600 to 5 000 kg + trolley | 211857 | <b>2716,00</b>    |
| Antenna for radio control for hoist                    | 184756 | <b>83,60</b>      |
| Special paint for hoist                                | -      | <b>On request</b> |
| Special paint for trolley                              | -      | <b>On request</b> |
| Hoist in INOX version (food application)               | -      | <b>On request</b> |
| Direct control volatge                                 | -      | <b>On request</b> |
| Trolley combined with hoist                            | -      | <b>On request</b> |

## Range of electric chain hoists 3-phases from 125 to 2 000 kg

### Standard equipment:

- Power supply 230/400V - 3-phases 50Hz
- Control voltage 48V
- Protection IP54 - Class F
- Friction load limiter operating as safety limit switch
- Lifting chain galvanised class 8
- Direct operated upper and lower limit switches
- Push-button pendant control with emergency stop, with 2 m control cable
- Standard 3 m lift
- FEM Group 1Am ISO M4



| tralift™ TE electric chain hoist 400 V - 50 Hz |               |                     |                |     |                 |                         |                         |                         |                         |                        |                             |
|------------------------------------------------|---------------|---------------------|----------------|-----|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------------|
| Capacity (kg)                                  | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height (m)      |                         |                         |                         | Add. m. chain          | Add. m. pendant control box |
|                                                |               |                     | FEM            | ISO |                 | 3                       | 4                       | 5                       | 6                       |                        |                             |
| 125                                            | 1             | 14                  | 1Am            | M4  | IP54            | 26119<br><b>1235,00</b> | 88579<br><b>1173,00</b> | 88719<br><b>1422,00</b> | 88859<br><b>1456,00</b> | 106887<br><b>22,00</b> | 9871<br><b>11,60</b>        |
|                                                | 1             | 14 - 4.8            | 1Am            | M4  | IP54            | 26219<br><b>2148,00</b> | 88589<br><b>1302,00</b> | 88729<br><b>1594,00</b> | 88869<br><b>1628,00</b> | 106887<br><b>22,00</b> | 9871<br><b>11,60</b>        |
| 250                                            | 1             | 8.8                 | 1Am            | M4  | IP54            | 26139<br><b>1495,00</b> | 88599<br><b>1600,00</b> | 88739<br><b>1600,00</b> | 88879<br><b>1680,00</b> | 106897<br><b>35,00</b> | 9871<br><b>11,60</b>        |
|                                                | 1             | 8 - 2.4             | 1Am            | M4  | IP54            | 26149<br><b>1690,00</b> | 88609<br><b>1800,00</b> | 88749<br><b>1770,00</b> | 88889<br><b>1890,00</b> | 106897<br><b>35,00</b> | 9871<br><b>11,60</b>        |
| 500                                            | 1             | 8.6                 | 1Am            | M4  | IP54            | 26159<br><b>1878,00</b> | 88619<br><b>1990,00</b> | 88759<br><b>2041,00</b> | 88899<br><b>2085,00</b> | 106907<br><b>38,00</b> | 9871<br><b>11,60</b>        |
|                                                | 1             | 8 - 2.6             | 1Am            | M4  | IP54            | 26169<br><b>1994,00</b> | 88629<br><b>2135,00</b> | 88769<br><b>2180,00</b> | 88909<br><b>2200,00</b> | 106907<br><b>38,00</b> | 9871<br><b>11,60</b>        |
|                                                | 2             | 4.4                 | 1Am            | M4  | IP54            | 26179<br><b>1725,00</b> | 88639<br><b>1850,00</b> | 88779<br><b>1950,00</b> | 88919<br><b>1980,00</b> | 106917<br><b>62,00</b> | 9871<br><b>11,60</b>        |
|                                                | 2             | 4 - 1.2             | 1Am            | M4  | IP54            | 26189<br><b>1807,00</b> | 88649<br><b>1950,00</b> | 88789<br><b>2020,00</b> | 88929<br><b>2100,00</b> | 106917<br><b>62,00</b> | 9871<br><b>11,60</b>        |
| 1 000                                          | 1             | 6.8                 | 1Am            | M4  | IP54            | 26199<br><b>2260,00</b> | 88659<br><b>2550,00</b> | 88799<br><b>2620,00</b> | 88939<br><b>2645,00</b> | 106927<br><b>50,00</b> | 9871<br><b>11,60</b>        |
|                                                | 1             | 6.8 - 2.1           | 1Am            | M4  | IP54            | 26209<br><b>2456,00</b> | 88669<br><b>2700,00</b> | 88809<br><b>2780,00</b> | 88949<br><b>2790,00</b> | 106927<br><b>50,00</b> | 9871<br><b>11,60</b>        |
|                                                | 2             | 4.3                 | 1Am            | M4  | IP54            | 26219<br><b>2148,00</b> | 88679<br><b>2250,00</b> | 88819<br><b>2350,00</b> | 88959<br><b>2395,00</b> | 106937<br><b>62,00</b> | 9871<br><b>11,60</b>        |
|                                                | 2             | 4 - 1.3             | 1Am            | M4  | IP54            | 26229<br><b>2200,00</b> | 88689<br><b>2380,00</b> | 88829<br><b>2450,00</b> | 88969<br><b>2490,00</b> | 106937<br><b>62,00</b> | 9871<br><b>11,60</b>        |
| 2 000                                          | 2             | 3.15                | 1Am            | M4  | IP54            | 26239<br><b>2594,00</b> | 88699<br><b>2980,00</b> | 88839<br><b>3100,00</b> | 88979<br><b>3145,00</b> | 106947<br><b>83,00</b> | 9871<br><b>11,60</b>        |
|                                                | 2             | 3.3 - 1             | 1Am            | M4  | IP54            | 26249<br><b>2785,00</b> | 88709<br><b>3140,00</b> | 88849<br><b>3245,00</b> | 88989<br><b>3295,00</b> | 106947<br><b>83,00</b> | 9871<br><b>11,60</b>        |

Net unit prices in Euro before tax

### Extra value for radio control for tralift™ TE

| Radio control | Code  | Price €        |
|---------------|-------|----------------|
| 1 LS + ES     | 68198 | <b>2307,00</b> |
| 2 LS + ES     | 68208 | <b>2416,00</b> |

LS = Lifting Speed

ES = Emergency Stop

HAND OPERATED LIFTING AND PULLING EQUIPMENT  
 MOTORISED LIFTING AND PULLING EQUIPMENT  
 ANCHOR POINT STRUCTURE  
 LOAD ARRESTORS  
 PULLEYS AND SHEAVES  
 LIFTING BEAMS  
 CLAMPS  
 FLOOR HANDLING EQUIPMENT

## Range of electric chain hoists 3-phases from 125 to 2 000 kg, with electric trolley\*\* 1 speed 10 m/min



| tralift™ TE electric chain hoist 400 V - 50 Hz + electric trolley** 1 speed 10 m/min |               |                     |                |     |                 |                         |                         |                         |                         |                        |                             |                 |
|--------------------------------------------------------------------------------------|---------------|---------------------|----------------|-----|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------------|-----------------|
| Capacity (kg)                                                                        | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height (m)      |                         |                         |                         | Add. m. chain          | Add. m. pendant control box | Hanger bar (mm) |
|                                                                                      |               |                     | FEM            | ISO |                 | 3                       | 4                       | 5                       | 6                       |                        |                             |                 |
| 125*                                                                                 | 1             | 14                  | 1Am            | M4  | IP54            | 97949<br><b>2627,00</b> | 97959<br><b>2662,00</b> | 97969<br><b>2697,00</b> | 97979<br><b>2732,00</b> | 106887<br><b>22,00</b> | 8231<br><b>20,50</b>        | 58 to 200       |
|                                                                                      | 1             | 14 - 4.8            | 1Am            | M4  | IP54            | 97989<br><b>2862,00</b> | 97999<br><b>2897,00</b> | 98009<br><b>2928,00</b> | 98019<br><b>2961,00</b> | 106887<br><b>22,00</b> | 8231<br><b>20,50</b>        |                 |
| 250                                                                                  | 1             | 8.8                 | 1Am            | M4  | IP54            | 86549<br><b>2902,00</b> | 89009<br><b>2895,00</b> | 89129<br><b>2895,00</b> | 89249<br><b>2925,00</b> | 106897<br><b>35,00</b> | 8231<br><b>20,50</b>        |                 |
|                                                                                      | 1             | 8 - 2.4             | 1Am            | M4  | IP54            | 86559<br><b>3056,00</b> | 89019<br><b>3085,00</b> | 89139<br><b>3095,00</b> | 89259<br><b>3145,00</b> | 106897<br><b>35,00</b> | 8231<br><b>20,50</b>        |                 |
| 500                                                                                  | 1             | 8.6                 | 1Am            | M4  | IP54            | 86589<br><b>3229,00</b> | 89049<br><b>3095,00</b> | 89169<br><b>3245,00</b> | 89289<br><b>3345,00</b> | 106907<br><b>38,00</b> | 8231<br><b>20,50</b>        | 68 to 220       |
|                                                                                      | 1             | 8 - 2.6             | 1Am            | M4  | IP54            | 86599<br><b>3527,00</b> | 89059<br><b>3395,00</b> | 89179<br><b>3495,00</b> | 89299<br><b>3495,00</b> | 106907<br><b>38,00</b> | 8231<br><b>20,50</b>        |                 |
|                                                                                      | 2             | 4.4                 | 1Am            | M4  | IP54            | 86569<br><b>3077,00</b> | 89029<br><b>3145,00</b> | 89149<br><b>3195,00</b> | 89269<br><b>3245,00</b> | 106917<br><b>62,00</b> | 8231<br><b>20,50</b>        |                 |
|                                                                                      | 2             | 4 - 1.2             | 1Am            | M4  | IP54            | 86579<br><b>3257,00</b> | 89039<br><b>3295,00</b> | 89159<br><b>3345,00</b> | 89279<br><b>3445,00</b> | 106917<br><b>62,00</b> | 8231<br><b>20,50</b>        |                 |
| 1 000                                                                                | 1             | 6.8                 | 1Am            | M4  | IP54            | 86629<br><b>3745,00</b> | 89089<br><b>3795,00</b> | 89209<br><b>3845,00</b> | 89329<br><b>3895,00</b> | 106927<br><b>50,00</b> | 8231<br><b>20,50</b>        |                 |
|                                                                                      | 1             | 6.8 - 2.1           | 1Am            | M4  | IP54            | 86639<br><b>3946,00</b> | 89099<br><b>3995,00</b> | 89219<br><b>4095,00</b> | 89339<br><b>4120,00</b> | 106927<br><b>50,00</b> | 8231<br><b>20,50</b>        |                 |
|                                                                                      | 2             | 4.3                 | 1Am            | M4  | IP54            | 86609<br><b>3427,00</b> | 89069<br><b>3585,00</b> | 89189<br><b>3519,00</b> | 89309<br><b>3695,00</b> | 106937<br><b>62,00</b> | 8231<br><b>20,50</b>        |                 |
|                                                                                      | 2             | 4 - 1.3             | 1Am            | M4  | IP54            | 86619<br><b>3620,00</b> | 89079<br><b>3695,00</b> | 89199<br><b>3795,00</b> | 89319<br><b>3845,00</b> | 106937<br><b>62,00</b> | 8231<br><b>20,50</b>        |                 |
| 2 000                                                                                | 2             | 3.15                | 1Am            | M4  | IP54            | 86649<br><b>4243,00</b> | 89109<br><b>4295,00</b> | 89229<br><b>4395,00</b> | 89349<br><b>4445,00</b> | 106947<br><b>83,00</b> | 8231<br><b>20,50</b>        | 76 to 220       |
|                                                                                      | 2             | 3.3 - 1             | 1Am            | M4  | IP54            | 86659<br><b>4337,00</b> | 89119<br><b>4495,00</b> | 89239<br><b>4595,00</b> | 89359<br><b>4595,00</b> | 106947<br><b>83,00</b> | 8231<br><b>20,50</b>        |                 |

Net unit prices in Euro before tax

\* The 125 kg hoist is delivered with eye axle

\*\* 400 V 50 Hz only 230 V on request

## Range of electric chain hoists 3-phases from 125 to 2 000 kg, with electric trolley\*\* 2 speeds 19 - 6 m/min



HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

| tralift™ TE electric chain hoist 400 V - 50 Hz + electric trolley** 2 speeds 19 - 6 m/min |               |                     |                |     |                 |                         |                         |                         |                         |                        |                             |                             |
|-------------------------------------------------------------------------------------------|---------------|---------------------|----------------|-----|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|-----------------------------|-----------------------------|
| Capacity (kg)                                                                             | Nber of falls | Lifting speed m/min | Classification |     | Protection I.P. | Lifting height (m)      |                         |                         |                         | Add. m. chain          | Add. m. pendant control box | Hanger bar (mm)             |
|                                                                                           |               |                     | FEM            | ISO |                 | 3                       | 4                       | 5                       | 6                       |                        |                             |                             |
| 125*                                                                                      | 1             | 14                  | 1Am            | M4  | IP54            | 98029<br><b>2952,00</b> | 98039<br><b>2969,00</b> | 98049<br><b>2999,00</b> | 98059<br><b>3033,00</b> | 106887<br><b>22,00</b> | 8231<br><b>20,50</b>        | 58 to 200                   |
|                                                                                           | 1             | 14 - 4.8            | 1Am            | M4  | IP54            | 98069<br><b>3130,00</b> | 98079<br><b>3146,00</b> | 98089<br><b>3176,00</b> | 98099<br><b>3208,00</b> | 106887<br><b>22,00</b> | 8231<br><b>20,50</b>        |                             |
| 250                                                                                       | 1             | 8.8                 | 1Am            | M4  | IP54            | 86669<br><b>3065,00</b> | 89489<br><b>3195,00</b> | 89609<br><b>3230,00</b> | 89729<br><b>3245,00</b> | 106897<br><b>35,00</b> | 8231<br><b>20,50</b>        | LOAD<br>ARRESTORS           |
|                                                                                           | 1             | 8 - 2.4             | 1Am            | M4  | IP54            | 86679<br><b>3287,00</b> | 89499<br><b>3345,00</b> | 89619<br><b>3395,00</b> | 89739<br><b>3395,00</b> | 106897<br><b>35,00</b> | 8231<br><b>20,50</b>        |                             |
| 500                                                                                       | 1             | 8.6                 | 1Am            | M4  | IP54            | 86709<br><b>3494,00</b> | 89529<br><b>3545,00</b> | 89649<br><b>3295,00</b> | 89769<br><b>3650,00</b> | 106907<br><b>38,00</b> | 8231<br><b>20,50</b>        | PULLEYS AND<br>SHEAVES      |
|                                                                                           | 1             | 8 - 2.6             | 1Am            | M4  | IP54            | 86719<br><b>3574,00</b> | 89539<br><b>3795,00</b> | 89659<br><b>3795,00</b> | 89779<br><b>3795,00</b> | 106907<br><b>38,00</b> | 8231<br><b>20,50</b>        |                             |
|                                                                                           | 2             | 4.4                 | 1Am            | M4  | IP54            | 86689<br><b>3329,00</b> | 89509<br><b>3395,00</b> | 89629<br><b>3455,00</b> | 89749<br><b>3495,00</b> | 106917<br><b>62,00</b> | 8231<br><b>20,50</b>        |                             |
|                                                                                           | 2             | 4 - 1.2             | 1Am            | M4  | IP54            | 86699<br><b>3506,00</b> | 89519<br><b>3595,00</b> | 89639<br><b>3695,00</b> | 89759<br><b>3745,00</b> | 106917<br><b>62,00</b> | 8231<br><b>20,50</b>        |                             |
| 1 000                                                                                     | 1             | 6.8                 | 1Am            | M4  | IP54            | 86749<br><b>4080,00</b> | 89569<br><b>4120,00</b> | 89689<br><b>4145,00</b> | 89809<br><b>4150,00</b> | 106927<br><b>50,00</b> | 8231<br><b>20,50</b>        | LIFTING<br>BEAMS            |
|                                                                                           | 1             | 6.8 - 2.1           | 1Am            | M4  | IP54            | 86759<br><b>4261,00</b> | 89579<br><b>4295,00</b> | 89699<br><b>4345,00</b> | 89819<br><b>4395,00</b> | 106927<br><b>50,00</b> | 8231<br><b>20,50</b>        |                             |
|                                                                                           | 2             | 4.3                 | 1Am            | M4  | IP54            | 86729<br><b>3695,00</b> | 89549<br><b>3895,00</b> | 89669<br><b>3895,00</b> | 89789<br><b>3995,00</b> | 106937<br><b>62,00</b> | 8231<br><b>20,50</b>        | CLAMPS                      |
|                                                                                           | 2             | 4 - 1.3             | 1Am            | M4  | IP54            | 86739<br><b>3887,00</b> | 89559<br><b>4045,00</b> | 89679<br><b>4095,00</b> | 89799<br><b>4120,00</b> | 106937<br><b>62,00</b> | 8231<br><b>20,50</b>        |                             |
| 2 000                                                                                     | 2             | 3.15                | 1Am            | M4  | IP54            | 86769<br><b>4545,00</b> | 89589<br><b>4495,00</b> | 89709<br><b>4595,00</b> | 89829<br><b>4645,00</b> | 106947<br><b>83,00</b> | 8231<br><b>20,50</b>        | FLOOR HANDLING<br>EQUIPMENT |
|                                                                                           | 2             | 3.3 - 1             | 1Am            | M4  | IP54            | 86779<br><b>4723,00</b> | 89599<br><b>4750,00</b> | 89719<br><b>4795,00</b> | 89839<br><b>4845,00</b> | 106947<br><b>83,00</b> | 8231<br><b>20,50</b>        |                             |

\* The 125 kg hoist is delivered with eye axle  
\*\* 400 V 50 Hz only 230 V on request

Net unit prices in €uro before tax

## Options for electric chain hoists tralift™ TE

### Motorised trolley with special traversing speed

| Trolley model | Traversing speed | Code   | Price € | Special hanger bar | Code   | Price € | End limit switch                | Code  | Price € |
|---------------|------------------|--------|---------|--------------------|--------|---------|---------------------------------|-------|---------|
| 1 speed       | 5 m/min          | 106847 | 63,50   | 68 to 320 mm       | 108937 | 60,90   | End limit switch for traversing | 75257 | 258,00  |
|               | 20 m/min         | 106837 | 63,50   | 250 kg to 1 t      |        |         |                                 |       |         |
| 2 speeds*     | 9/3 m/min        | 106827 | 70,50   | 76 to 320 mm 2 t   | 108947 | 66,00   |                                 |       |         |

\* 400 V 50 Hz only 230 V On request

### Extra value for radio control

| Radio control     | Code  | Price € |
|-------------------|-------|---------|
| 1 LS + 1 TSp + ES | 68218 | 2795,00 |
| 1 LS + 2 TSp + ES | 68228 | 2795,00 |
| 2 LS + 1 TSp + ES | 68238 | 2795,00 |
| 2 LS + 2 TSp + ES | 68248 | 2795,00 |

LS = Lifting speed, TSp = Traversing speed, ES = Emergency stop

### Chain bags selection table for tralift™ TE electric chain hoist

| Capacity (kg)      | 125  | 250   | 500   | 500    | 1 000 | 1 000  | 2 000  |        |
|--------------------|------|-------|-------|--------|-------|--------|--------|--------|
| Number of falls    | 1    | 1     | 2     | 1      | 2     | 1      | 2      |        |
| Chain (mm)         | 4x12 | 5x15  |       | 6.3x19 |       | 8x24   |        |        |
| Lifting height (m) | 2    |       |       |        |       |        |        |        |
|                    | 3    |       |       |        |       |        |        |        |
|                    | 4    |       |       |        |       |        |        |        |
|                    | 5    |       |       |        |       |        |        |        |
|                    | 6    |       |       |        |       |        |        |        |
|                    | 7    |       |       |        |       |        |        |        |
|                    | 8    |       |       |        |       |        | 163302 |        |
|                    | 9    |       |       | 16342  |       | 16352  | 16342  |        |
|                    | 10   |       |       |        |       |        |        |        |
|                    | 11   |       |       |        |       |        | 105307 |        |
|                    | 12   |       |       |        |       |        |        |        |
|                    | 13   |       |       |        |       |        |        |        |
|                    | 14   |       |       |        |       |        |        |        |
|                    | 15   |       |       | 16352  |       | 105307 |        | 105317 |
|                    | 16   |       | 16342 |        | 16352 |        | 16302  |        |
|                    | 17   |       |       |        |       |        |        |        |
|                    | 18   | 16342 |       |        |       |        |        |        |
| 19                 |      |       |       |        |       |        |        |        |
| 20                 |      |       |       |        |       |        |        |        |
| 25                 |      |       |       |        |       | 105307 |        |        |
| 30                 |      | 16352 |       | 105307 |       |        | 105317 |        |
| 35                 |      |       |       |        |       |        |        |        |

| Code    | 16302 | 16342 | 16352 | 105307 | 105317 |
|---------|-------|-------|-------|--------|--------|
| Price € | 17,00 | 13,60 | 15,20 | 216,00 | 275,00 |

Standard

Unavailable

105307 : Medium size steel bucket

105317 : Large size steel bucket

# Pneumatic chain hoist tralift™ TR

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT



- Adjustable lifting speed
- End limit switch
- Compact
- Low headroom
- Disc brake
- Operated pressure: 6,3 bars
- Noise level less than 83 dBA to 1 m

### Standard:

- 3 m lift - 2 m control cable
- Control by pendant rope or pendant box with button and emergency
- Galvanised lifting chain according to DIN 818-7
- Overload integrated device 1 fall
- Complete range up to W.L.L. 75 t
- Chain box
- To be used un EX proof site (ATEX). For other zones : confirm classification
- Pneumatic traversing trolley : on request

Pneumatic chain hoist tralift™ TR - Without load limiter

| W.L.L. | Number of falls | Lift speed when loaded | Weight hoist lift 3m | Headroom | Control                     | Code | Hoist with hook suspension height 3m | Extra m. lift chain |
|--------|-----------------|------------------------|----------------------|----------|-----------------------------|------|--------------------------------------|---------------------|
| kg     |                 | m/min                  | kg                   | mm       |                             |      | Price €                              | Price €             |
| 125    | 1               | 14                     | 7.5                  | 305      | pendant rope<br>pendant box |      | On request                           | On request          |
| 250    | 1               | 9.3                    | 7.5                  | 305      | pendant rope<br>pendant box |      |                                      |                     |
| 500    | 2               | 4.5                    | 11                   | 365      | pendant rope                |      |                                      |                     |
|        | 1               | 17                     | 15.9                 |          | pendant rope<br>pendant box |      |                                      |                     |

Pneumatic chain hoist tralift™ TR - With load limiter

| W.L.L. | Number of falls | Lift speed when loaded | Weight hoist lift 3m | Headroom | Control                     | Code | Hoist with hook suspension height 3m | Extra m. lift chain |
|--------|-----------------|------------------------|----------------------|----------|-----------------------------|------|--------------------------------------|---------------------|
| kg     |                 | m/min                  | kg                   | mm       |                             |      | Price €                              | Price €             |
| 500    | 1               | 10.5                   | 31                   | 412      | pendant rope<br>pendant box |      | On request                           | On request          |
| 1000   | 2               | 5.3                    | 34                   | 469      | pendant rope<br>pendant box |      |                                      |                     |
| 1000   | 1               | 6                      | 35                   | 416      | pendant rope<br>pendant box |      |                                      |                     |
| 2000   | 2               | 3                      | 40                   | 503      | pendant rope<br>pendant box |      |                                      |                     |
| 3000   | 1               | 2.8                    | 69                   | 563      | pendant rope<br>pendant box |      |                                      |                     |
| 6000   | 2               | 1.4                    | 90                   | 673      | pendant rope                |      |                                      |                     |

- OPTIONAL EXTRAS : Control by pendant rope - length > 2 m : **On request**  
Control by pendant box - length > 2 m : **On request**

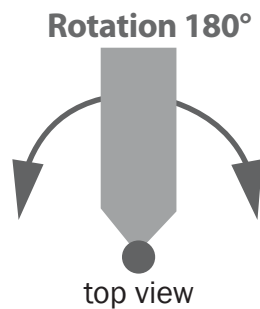
Warning : maximum length of the pendant box : 20 m

# Hoist for construction sites

## altotir™

Must have equipment for lifting and material outfeeding worksite, the **altotir™** from **Tractel®** is a upper tie rod hoist, easy to install and to use.

Its design enables to lift any load **up to 200 kg** rapidly and in the best security conditions.



**altotir™ 200 supplied with tie rod, bottle screw and scaffolding pole brackets: installation on tubular scaffolding structure and a pendant control box 1.5 m**

| Model | Capacity kg | Lifting height maxi m | Speed m/mn. | Weight kg | Antirotating wire rope ø mm | Code   | Price € |
|-------|-------------|-----------------------|-------------|-----------|-----------------------------|--------|---------|
| 200   | 200         | 35                    | 28          | 37        | 5                           | 261579 | 844,00  |

### Accessories for altotir™ 200

| Model         | Code   | Price € |
|---------------|--------|---------|
| Window strut  | 231767 | 268,00  |
| Ceiling strut | 231757 | 446,00  |



Window strut



Ceiling strut



# Material lifting crane

## sodenic™

### Compact, safe and fast

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### Thermal motor

| sodenic™ complete with gas heat motor (with wire rope) |                      |        |                           |
|--------------------------------------------------------|----------------------|--------|---------------------------|
| Capacity kg                                            | Length wire rope (m) | Code   | w/o counterweight Price € |
| 250                                                    | 45                   | 251009 | 10678,00                  |
| 250                                                    | 60                   | 251019 | 10748,00                  |
| 200                                                    | 80                   | 251029 | 10843,00                  |

### Electric motor

| sodenic™ complete with electric motor one phase 230 V (with wire rope) |                      |        |                           |
|------------------------------------------------------------------------|----------------------|--------|---------------------------|
| Capacity kg                                                            | Length wire rope (m) | Code   | w/o counterweight Price € |
| 250                                                                    | 45                   | 251039 | 11168,00                  |
| 250                                                                    | 60                   | 251049 | 11239,00                  |
| 200                                                                    | 80                   | 251059 | 11333,00                  |

| sodenic™ bare | Code   | Price € |
|---------------|--------|---------|
|               | 187448 | 5369,00 |

| Components                                    |    |        |         |
|-----------------------------------------------|----|--------|---------|
| Thermal hoist - speed up and down 22 m / min  |    |        |         |
| Petrol                                        | 45 | 187388 | 5307,00 |
|                                               | 60 | 187398 | 5379,00 |
|                                               | 80 | 187408 | 5472,00 |
| Electric hoist - speed up and down 28 m / min |    |        |         |
| Electric                                      | 45 | 187418 | 5800,00 |
|                                               | 60 | 187428 | 5869,00 |
|                                               | 80 | 187438 | 5964,00 |
| Thermal motor only                            |    |        |         |
| Petrol                                        |    | 187838 | 1197,00 |

| Accessories         |    |       |        |
|---------------------|----|-------|--------|
| Wire rope end limit |    | 38958 | 183,00 |
| Manual hoist        |    | 38968 | 790,00 |
| Bucket 75 liters    |    | 38978 | 370,00 |
| Counterweight 25 kg |    | 3378  | 92,30  |
| Wire rope*          | 45 | 38928 | 326,00 |
|                     | 60 | 38938 | 384,00 |
|                     | 80 | 38948 | 476,00 |

\* Prices are subject to change without prior notice



- Lifting speed up to 28 m/min
- Easy to use
- Transport and installation simple and quickly
  - the heaviest one weighing only 36 kg
  - assembled by pins and clips, without using tools
  - the components can be roughed up by the building's lift
- Ballast made of blocks that fit into one another, distributed on a locable platform
- 360° automatic locking hook
- Entirely galvanized structure
- Jib height enabling to move loads over parapets of 1.10m
- Weight without motor and counterweight 237 kg
- Hand winch in option

# Jib cranes

## Overbraced and underbraced

### Wall mounted jib cranes overbraced, 180° slewing

- Box construction
- Top coat of paint (RAL 1028)
- W.L.L. sticker
- Ready to be assembled



| Wall mounted jib cranes - overbraced - 180° slewing |                             |         |       |         |       |         |       |         |       |         |
|-----------------------------------------------------|-----------------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| Capacity<br>kg                                      | Span in meters              |         |       |         |       |         |       |         |       |         |
|                                                     | 2                           |         | 3     |         | 4     |         | 5     |         | 6     |         |
|                                                     | Code                        | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 250                                                 | 50259                       | 738,00  | 50269 | 783,00  | 50279 | 838,00  | 50289 | 1193,00 | 50299 | 1372,00 |
| 500                                                 | 50309                       | 738,00  | 50319 | 788,00  | 50329 | 969,00  | 50339 | 1384,00 | 50349 | 2020,00 |
| 1000                                                | 50359                       | 911,00  | 50369 | 1067,00 | 50379 | 1789,00 | 50389 | 1926,00 | 50399 | OR**    |
| 1600                                                | 50409                       | 1514,00 | 50419 | 1634,00 | 50429 | OR**    | 50439 | OR**    |       |         |
| 2000                                                | 50449                       | 1536,00 | 50459 | 1888,00 |       |         |       |         |       |         |
| Power line                                          | Flat cable on a steel track |         |       |         |       |         |       |         |       |         |
|                                                     | 64618                       | 161,00  | 64638 | 196,00  | 59108 | 233,00  | 59118 | 271,00  | 59128 | 322,00  |

### Wall mounted jib cranes underbraced, 180° slewing

- Maximum working height
- Box construction
- Top coat of paint (RAL 1028)
- W.L.L. sticker
- Ready to be assembled




| Wall mounted jib cranes - underbraced - 180° slewing |                             |         |       |         |       |         |       |         |       |         |
|------------------------------------------------------|-----------------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| Capacity<br>kg                                       | Span in meters              |         |       |         |       |         |       |         |       |         |
|                                                      | 2                           |         | 3     |         | 4     |         | 5     |         | 6     |         |
|                                                      | Code                        | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 250                                                  | 50519                       | 885,00  | 50529 | 959,00  | 50539 | 1099,00 | 50549 | 1499,00 | 50559 | 1600,00 |
| 500                                                  | 50569                       | 885,00  | 50579 | 1285,00 | 50589 | 1455,00 | 50599 | 2124,00 | 50609 | 2233,00 |
| 1000                                                 | 50619                       | 1184,00 | 50629 | 1825,00 | 50639 | 2049,00 | 50649 | 2789,00 | 50659 | OR**    |
| 1600                                                 | 50669                       | 1687,00 | 50679 | 1798,00 | 50689 | 2618,00 | 50699 | 3077,00 | 50709 | 3942,00 |
| 2000                                                 | 50719                       | 1713,00 | 50729 | 1851,00 | 50739 | 3028,00 | 50749 | 3702,00 | 50759 | OR**    |
| Power line                                           | Flat cable on a steel track |         |       |         |       |         |       |         |       |         |
|                                                      | 64618                       | 161,00  | 64638 | 196,00  | 59108 | 233,00  | 59118 | 271,00  | 59128 | 322,00  |

| Options:                                                     | Code   | Price €    |
|--------------------------------------------------------------|--------|------------|
| Column mounted kit and box assembly on surface               | 195487 | 121,00     |
| Slewing stop (to be welded when commissioning)<br>(the pair) | 105937 | OR**       |
| Slewing speed limiter                                        | 84436  | 152,00     |
| Adjustable bumper on beam                                    |        | On Request |
| Radio control                                                |        | On Request |

OR\*\* : On Request

Outdoor use and others options:  
On Request

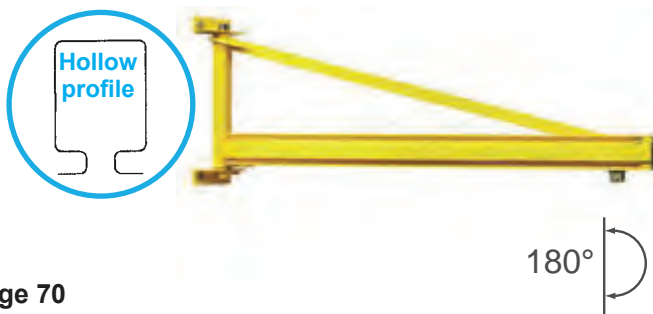
 Wall jib cranes fixation kit  
see page 70

# Jib cranes

## Overbraced hollow construction

### Wall mounted overbraced jib cranes - hollow profile construction 180° slewing

- Top coat of paint (RAL 1028)
- W.L.L. sticker
- Ready to be assembled
- Lifting speed  $\alpha \leq 8$  m/ min
- For indoor use only
- Power line cable included
- The JIB can not be motorized / push trolley only



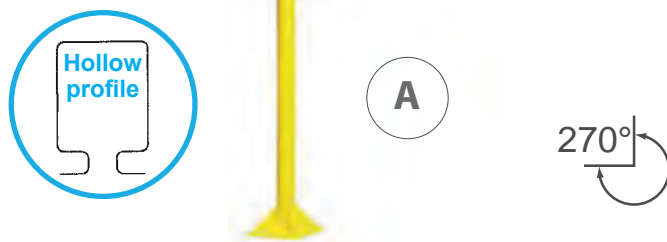
Wall jib cranes fixation kit see page 70

| Wall mounted overbraced jib cranes-hollow profile construction 180° slewing |                |         |       |         |       |         |       |         |       |         |
|-----------------------------------------------------------------------------|----------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| Capacity<br>kg                                                              | Span in meters |         |       |         |       |         |       |         |       |         |
|                                                                             | 2              |         | 3     |         | 4     |         | 5     |         | 6     |         |
|                                                                             | Code           | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 150                                                                         | 51799          | 922,00  | 51809 | 998,00  | 51819 | 1081,00 | 51829 | 1674,00 | 51839 | 1798,00 |
| 250                                                                         | 51849          | 922,00  | 51859 | 998,00  | 51869 | 1374,00 | 51879 | 1700,00 | 51889 | 1992,00 |
| 500                                                                         | 51899          | 1088,00 | 51909 | 1216,00 | 51919 | 1530,00 | 51929 | 1742,00 | 51939 | 2425,00 |
| 1000                                                                        | 51949          | 1280,00 | 51959 | 1475,00 | 51969 | 1891,00 | 51979 | 2205,00 |       |         |
| 1600                                                                        | 51989          | 2046,00 | 51999 | 2204,00 |       |         |       |         |       |         |
| 2000                                                                        | 52009          | OR**    |       |         |       |         |       |         |       |         |

Prices includes: hoist support trolley, power line cable and cable trolley

### Wall mounted overbraced jib cranes - hollow profile construction 270° slewing

- Top coat of paint (RAL 1028)
- W.L.L. sticker
- Ready to be assembled
- Lifting speed  $\alpha \leq 8$  m/ min
- For indoor use only
- Power line cable included
- The JIB can not be motorised / push trolley only



| Wall mounted overbraced jib cranes-hollow profile construction 270° slewing |                        |                |         |       |         |       |         |       |         |       |         |
|-----------------------------------------------------------------------------|------------------------|----------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| Capacity<br>kg                                                              | Height under beam<br>m | Span in meters |         |       |         |       |         |       |         |       |         |
|                                                                             |                        | 2              |         | 3     |         | 4     |         | 5     |         | 6     |         |
|                                                                             |                        | Code           | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 150                                                                         | 3                      | 52019          | 1724,00 | 52029 | 1790,00 | 52039 | 1966,00 | 52049 | 2655,00 | 52059 | 2778,00 |
|                                                                             | Extra/ 0.1*            | -              | 15,00   | -     | 15,00   | -     | 15,00   | -     | 15,00   | -     | 22,00   |
| 250                                                                         | 3                      | 52069          | 1724,00 | 52079 | 1790,00 | 52089 | 2329,00 | 52099 | 2695,00 | 52109 | 3285,00 |
|                                                                             | Extra/ 0.1*            | -              | 15,00   | -     | 15,00   | -     | 22,00   | -     | 22,00   | -     | 31,50   |
| 500                                                                         | 3                      | 52119          | 1881,00 | 52129 | 2173,00 | 52139 | 2826,00 | 52149 | 3215,00 | 52159 | 4004,00 |
|                                                                             | Extra/ 0.1*            | -              | 15,00   | -     | 22,00   | -     | 31,50   | -     | 31,50   | -     | 42,00   |
| 1000                                                                        | 3                      | 52169          | 2564,00 | 52179 | 2854,00 | 52189 | 3437,00 | 52199 | 4192,00 |       |         |
|                                                                             | Extra/ 0.1*            | -              | 30,00   | -     | 30,00   | -     | 42,00   | -     | 45,50   |       |         |
| 1600                                                                        | 3                      | 52209          | 3813,00 | 52219 | 3987,00 |       |         |       |         |       |         |
|                                                                             | Extra/ 0.1*            | -              | 42,00   | -     | 42,00   |       |         |       |         |       |         |
| 2000                                                                        | 3                      | 52229          | OR**    |       |         |       |         |       |         |       |         |
|                                                                             | Extra/ 0.1*            | -              | OR**    |       |         |       |         |       |         |       |         |

Prices includes: hoist support trolley, power line cable and cable trolley

\* For more than 4 meters distance under beam, please contact us.

| Options:                                                  | Code   | Price €    |
|-----------------------------------------------------------|--------|------------|
| Main switch with stop                                     | 70507  | 114,00     |
| Column mounted kit and box assembly in surface            | 195487 | 121,00     |
| Slewing stop (to be welded when commissioning) (the pair) | 105937 | OR**       |
| Slewing speed limiter                                     | 84436  | 152,00     |
| Locking device                                            |        | On Request |
| Locking device multiposition                              |        | On Request |
| Fixing base plate to pin*                                 |        | On Request |

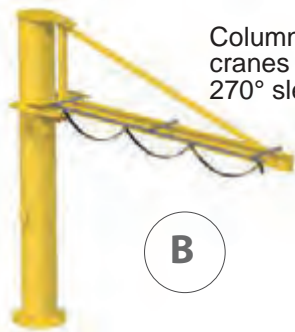
OR\*\* : On Request

To choose the correct anchor bolts and positioner, please take the reference letter of the jib cranes (letter close by the sketch) as well the capacity and the range of the selected model and refer to page 70

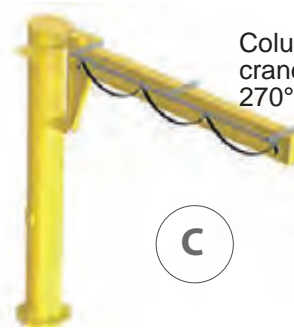
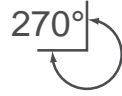
Outdoor use and others options:  
On Request

# Jib cranes

## Column mounted jib cranes



Column mounted jib cranes overbraced 270° slewing



Column mounted jib cranes underbraced 270° slewing



| Column mounted jib cranes - overbraced - 270° slewing |                              |                             |         |       |         |       |         |       |         |       |         |
|-------------------------------------------------------|------------------------------|-----------------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| Capacity<br>kg                                        | Height<br>under<br>beam<br>m | Span in meters              |         |       |         |       |         |       |         |       |         |
|                                                       |                              | 2                           |         | 3     |         | 4     |         | 5     |         | 6     |         |
|                                                       |                              | Code                        | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 150                                                   | 3                            | 50769                       | 1583,00 | 50779 | 1620,00 | 50789 | 1665,00 | 50799 | 2156,00 | 50809 | 2215,00 |
|                                                       | Extra/ 0.1*                  | -                           | 15,00   | -     | 15,00   | -     | 15,00   | -     | 22,00   | -     | 22,00   |
| 250                                                   | 3                            | 50819                       | 1583,00 | 50829 | 1620,00 | 50839 | 1854,00 | 50849 | 2156,00 | 50859 | 2895,00 |
|                                                       | Extra/ 0.1*                  | -                           | 15,00   | -     | 15,00   | -     | 22,00   | -     | 22,00   | -     | 30,00   |
| 500                                                   | 3                            | 50869                       | 1587,00 | 50879 | 1816,00 | 50889 | 2550,00 | 50899 | 2933,00 | 50909 | 3704,00 |
|                                                       | Extra/ 0.1*                  | -                           | 15,00   | -     | 22,00   | -     | 30,00   | -     | 30,00   | -     | 37,00   |
| 1000                                                  | 3                            | 50919                       | 2432,00 | 50929 | 2602,00 | 50939 | 3482,00 | 50949 | 3976,00 | 50959 | OR**    |
|                                                       | Extra/ 0.1*                  | -                           | 30,00   | -     | 30,00   | -     | 42,00   | -     | 45,50   | -     | OR**    |
| 1600                                                  | 3                            | 50969                       | 3406,00 | 50979 | 3514,00 | 50989 | 4248,00 | 50999 | 4377,00 |       |         |
|                                                       | Extra/ 0.1*                  | -                           | 42,00   | -     | 42,00   | -     | 45,50   | -     | 45,50   |       |         |
| 2000                                                  | 3                            | 51009                       | 3655,00 | 51019 | 4228,00 |       |         |       |         |       |         |
|                                                       | Extra/ 0.1*                  | -                           | 45,50   | -     | 45,50   |       |         |       |         |       |         |
| Power line                                            |                              | Flat cable on a steel track |         |       |         |       |         |       |         |       |         |
|                                                       |                              | 64618                       | 161,00  | 64638 | 196,00  | 59108 | 233,00  | 59118 | 271,00  | 59128 | 322,00  |

| Column mounted jib cranes - underbraced - 270° slewing |                           |                             |         |       |         |       |         |       |         |       |         |
|--------------------------------------------------------|---------------------------|-----------------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| Capacity<br>kg                                         | Height<br>under beam<br>m | Span in meters              |         |       |         |       |         |       |         |       |         |
|                                                        |                           | 2                           |         | 3     |         | 4     |         | 5     |         | 6     |         |
|                                                        |                           | Code                        | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 150                                                    | 3                         | 51029                       | 1811,00 | 51039 | 1885,00 | 51049 | 2140,00 | 51059 | 2304,00 | 51069 | 3112,00 |
|                                                        | Extra/ 0.1*               | -                           | 15,00   | -     | 15,00   | -     | 22,00   | -     | 22,00   | -     | 22,00   |
| 250                                                    | 3                         | 51079                       | 1811,00 | 51089 | 1998,00 | 51099 | 2140,00 | 51109 | 3052,00 | 51119 | 3158,00 |
|                                                        | Extra/ 0.1*               | -                           | 15,00   | -     | 22,00   | -     | 22,00   | -     | 30,00   | -     | 30,00   |
| 500                                                    | 3                         | 51129                       | 1928,00 | 51139 | 2749,00 | 51149 | 2893,00 | 51159 | 3825,00 | 51169 | 4035,00 |
|                                                        | Extra/ 0.1*               | -                           | 22,00   | -     | 30,00   | -     | 30,00   | -     | 42,00   | -     | 42,00   |
| 1000                                                   | 3                         | 51179                       | 2816,00 | 51189 | 3331,00 | 51199 | 3584,00 | 51209 | 4732,00 | 51219 | OR**    |
|                                                        | Extra/ 0.1*               | -                           | 30,00   | -     | 42,00   | -     | 42,00   | -     | 45,50   | -     | OR**    |
| 1600                                                   | 3                         | 51229                       | 3414,00 | 51239 | 3874,00 | 51249 | 4814,00 | 51259 | 6080,00 |       |         |
|                                                        | Extra/ 0.1*               | -                           | 42,00   | -     | 45,50   | -     | 45,50   | -     | 54,50   |       |         |
| 2000                                                   | 3                         | 51269                       | 3465,00 | 51279 | 4128,00 | 51289 | 5428,00 | 51299 | 6384,00 |       |         |
|                                                        | Extra/ 0.1*               | -                           | 42,00   | -     | 45,50   | -     | 54,50   | -     | 54,50   |       |         |
| Power line                                             |                           | Flat cable on a steel track |         |       |         |       |         |       |         |       |         |
|                                                        |                           | 64618                       | 161,00  | 64638 | 196,00  | 59108 | 233,00  | 59118 | 271,00  | 59128 | 322,00  |



\* For more than 4 meters distance under beam, please contact us.

| Options:                                                  | Code   | Price €    |
|-----------------------------------------------------------|--------|------------|
| Main switch with stop                                     | 70507  | 114,00     |
| Slewing stop (to be welded when commissioning) (the pair) | 105937 | OR**       |
| Slewing speed limiter                                     | 84436  | 152,00     |
| Fixing base plate to pin                                  |        | On Request |
| Customized under beam height                              |        | On Request |
| Adjustable bumper on beam                                 |        | On Request |

OR\*\* : On Request

To choose the correct anchor bolts and positioner, please take the reference letter of the jib cranes (letter close by the sketch) as well the capacity and the range of the selected model and refer to page 70

# Jib cranes

## Column mounted jib cranes



Column mounted jib cranes 360° underbraced

D



| Column mounted jib cranes 360° underbraced |                     |                             |         |       |         |       |         |       |          |       |          |
|--------------------------------------------|---------------------|-----------------------------|---------|-------|---------|-------|---------|-------|----------|-------|----------|
| Capacity kg                                | Height under beam m | Span in meters              |         |       |         |       |         |       |          |       |          |
|                                            |                     | 2                           |         | 3     |         | 4     |         | 5     |          | 6     |          |
|                                            |                     | Code                        | Price € | Code  | Price € | Code  | Price € | Code  | Price €  | Code  | Price €  |
| 150                                        | 3                   | 51309                       | 2541,00 | 51319 | 2585,00 | 51329 | 2888,00 | 51339 | 2990,00  | 51349 | 4022,00  |
|                                            | Extra/ 0.1*         | -                           | 15,00   | -     | 15,00   | -     | 22,00   | -     | 22,00    | -     | 30,00    |
| 250                                        | 3                   | 51359                       | 2541,00 | 51369 | 2841,00 | 51379 | 3062,00 | 51389 | 3945,00  | 51399 | 4022,00  |
|                                            | Extra/ 0.1*         | -                           | 15,00   | -     | 22,00   | -     | 22,00   | -     | 30,00    | -     | 30,00    |
| 500                                        | 3                   | 51409                       | 2794,00 | 51419 | 3791,00 | 51429 | 3869,00 | 51439 | 4686,00  | 51449 | 5353,00  |
|                                            | Extra/ 0.1*         | -                           | 22,00   | -     | 30,00   | -     | 30,00   | -     | 42,00    | -     | 45,50    |
| 1000                                       | 3                   | 51459                       | 3713,00 | 51469 | 3923,00 | 51479 | 5140,00 | 51489 | 5577,00  | 51499 | 7214,00  |
|                                            | Extra/ 0.1*         | -                           | 30,00   | -     | 30,00   | -     | 45,50   | -     | 45,50    | -     | 54,50    |
| 1600                                       | 3                   | 51509                       | 4371,00 | 51519 | 5034,00 | 51529 | 5591,00 | 51539 | 7066,00  | 51549 | 8097,00  |
|                                            | Extra/ 0.1*         | -                           | 42,00   | -     | 45,50   | -     | 45,50   | -     | 54,50    | -     | 54,50    |
| 2000                                       | 3                   | 51559                       | 4371,00 | 51569 | 5447,00 | 51579 | 6919,00 | 51589 | 7888,00  | 51599 | 8759,00  |
|                                            | Extra/ 0.1*         | -                           | 42,00   | -     | 45,50   | -     | 54,50   | -     | 54,50    | -     | 54,50    |
| 2500                                       | 3                   | 51609                       | OR**    | 51619 | OR**    | 51629 | OR**    | 51639 | OR**     | 51649 | OR**     |
|                                            | Extra/ 0.1*         | -                           | OR**    | -     | OR**    | -     | OR**    | -     | OR**     | -     | OR**     |
| 3200                                       | 3                   | 51659                       | 5320,00 | 51669 | 6969,00 | 51679 | 8023,00 | 51689 | 10369,00 | 51699 | 11211,00 |
|                                            | Extra/ 0.1*         | -                           | 42,00   | -     | 54,50   | -     | 54,50   | -     | 60,00    | -     | 60,00    |
| 4000                                       | 3                   | 51709                       | OR**    | 51719 | OR**    | 51729 | OR**    | 51739 | OR**     | 51749 | OR**     |
|                                            | Extra/ 0.1*         | -                           | OR**    | -     | OR**    | -     | OR**    | -     | OR**     | -     | OR**     |
| 5000                                       | 3                   | 51759                       | OR**    | 51769 | OR**    | 51779 | OR**    | 51789 | OR**     |       |          |
|                                            | Extra/ 0.1*         | -                           | OR**    | -     | OR**    | -     | OR**    | -     | OR**     |       |          |
| Power line                                 |                     | Flat cable on a steel track |         |       |         |       |         |       |          |       |          |
|                                            |                     | 64618                       | 161,00  | 64638 | 196,00  | 59108 | 233,00  | 59118 | 271,00   | 59128 | 322,00   |

\* For more than distance under beam, please contact us.

| Options:                                                  | Code   | Price €    |
|-----------------------------------------------------------|--------|------------|
| Main switch with lock 20A                                 | 70507  | 114,00     |
| Main switch with lock 32A for WLL > 3.2 T                 | 110597 | 171,00     |
| Collector 10/16 A                                         | 217417 | 161,00     |
| Collector 25 A for WLL > 3.2 T                            | 110607 | 558,00     |
| Slewing stop (to be welded when commissioning) (the pair) | 105937 | 110,00     |
| Slewing speed limiter                                     | 84436  | 152,00     |
| Locking device 1 position                                 |        | On Request |
| Locking device multiposition                              |        | On Request |
| Fixing base plate to pin                                  |        | On Request |
| Customized under beam height                              |        | On Request |
| Electric control for power slewing:                       |        |            |
| 1 speed (not including pendant controls)                  |        | On Request |
| 2 speeds (not including pendant controls)                 |        | On Request |

OR\*\* : On Request

To choose the correct anchor bolts and positioner, please take the reference letter of the jib cranes (letter close by the sketch) as well the capacity and the range of the selected model and refer to page 70

**ARTICULATED, JIB, WALL OR COLUMN MOUNTED CRANES:**  
On request

# Jib cranes

## Anchors bolts and positioner for jib cranes

### Wall jib cranes fixation kit



**Model 1**

Attachment to IPE HEA or HEB-type post with plate and backplate.

| Code   | Price € |
|--------|---------|
| 193777 | 723,00  |



**Model 2**

Attachment to concrete or steel post with plate and backplate.

| Code   | Price € |
|--------|---------|
| 193787 | 1010,00 |



**Model 3**

Attachment to IPE HEA or HEB-type post with clamp.

| Code   | Price € |
|--------|---------|
| 193797 | 1100,00 |

**A: Wall mounted overbraced jib cranes-hollow profile construction 180° slewing, page 67.**

**B: Column mounted jib cranes - overbraced - 270° slewing, page 68.**

**C: Column mounted jib cranes - underbraced - 270° slewing, page 68.**

**D: Column mounted jib cranes 360° underbraced, page 69.**

| Codes of the anchor bolts and positioner by capacity and range |                 |                |        |        |        |        |
|----------------------------------------------------------------|-----------------|----------------|--------|--------|--------|--------|
| Capacity kg                                                    | Type of bracket | Span in meters |        |        |        |        |
|                                                                |                 | 2              | 3      | 4      | 5      | 6      |
| 150                                                            | A               | 102027         |        |        |        |        |
|                                                                | B               | 102027         |        |        |        |        |
|                                                                | C               | 102027         |        |        |        | 102037 |
|                                                                | D               | 102027         |        |        |        | 102037 |
| 250                                                            | A               | 102027         |        |        |        | 102037 |
|                                                                | B               | 102027         |        |        |        | 102037 |
|                                                                | C               | 102027         |        |        | 102037 |        |
|                                                                | D               | 102027         |        |        | 102037 |        |
| 500                                                            | A               | 102027         |        | 102037 |        | 102047 |
|                                                                | B               | 102027         |        | 102037 |        | 102047 |
|                                                                | C               | 102027         | 102037 |        | 102047 |        |
|                                                                | D               | 102027         | 102037 |        |        | 102047 |
| 1000                                                           | A               | 102037         |        |        | 102047 | 102057 |
|                                                                | B               | 102037         |        |        | 102047 | 102057 |
|                                                                | C               | 102037         | 102047 |        | 102057 | -      |
|                                                                | D               | 102037         |        | 102047 |        | 102057 |
| 1600                                                           | A               | 102047         |        | -      | -      | -      |
|                                                                | B               | 102047         |        | -      | -      | -      |
|                                                                | C               | 102047         |        | 102057 |        | -      |
|                                                                | D               | 102037         | 102047 | 102057 |        | 102067 |
| 2000                                                           | A               | 102047         | -      | -      | -      | -      |
|                                                                | B               | 102047         | 102057 | -      | -      | -      |
|                                                                | C               | 102047         | 102057 |        | 102067 | -      |
|                                                                | D               | 102037         | 102057 |        | 102067 |        |
| 2500                                                           | D               | 102047         | 102057 | 102067 |        | 102677 |
| 3200                                                           | D               | 102057         |        | 102067 | 102677 |        |
| 4000                                                           | D               | 102057         | 102067 | 102677 |        | 102687 |
| 5000                                                           | D               | 102067         | 102677 | 102687 |        | -      |

| Code    | 102027 | 102037 | 102047 | 102057 | 102067 | 102677 | 102687  |
|---------|--------|--------|--------|--------|--------|--------|---------|
| Price € | 294,00 | 407,00 | 430,00 | 641,00 | 740,00 | 889,00 | 1115,00 |

# Portal cranes

## Portal cranes standard



Portal cranes movable when loaded\*

- Easy to dismantle
- Acid free top coat of paint
- With swivelling wheels
- With WLL sticker

**OUTDOOR USE ON REQUEST**

\* Non-motorised

| Portal cranes standard |                   |                             |         |       |         |       |         |       |         |       |         |       |         |
|------------------------|-------------------|-----------------------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| Capacity kg            | Height under beam | Span in meters              |         |       |         |       |         |       |         |       |         |       |         |
|                        |                   | 2.5                         |         | 3     |         | 3.5   |         | 4     |         | 4.5   |         | 5     |         |
|                        |                   | Code                        | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 500                    | 3                 | 52239                       | 2131,00 | 52249 | 2149,00 | 52259 | 2166,00 | 52269 | 2205,00 | 52279 | 2245,00 | 52289 | 2285,00 |
|                        | 3.5               | 52299                       | 2166,00 | 52309 | 2187,00 | 52319 | 2205,00 | 52329 | 2221,00 | 52339 | 2262,00 | 52349 | 2303,00 |
|                        | 4                 | 52359                       | 2187,00 | 52369 | 2205,00 | 52379 | 2221,00 | 52389 | 2240,00 | 52399 | 2281,00 | 52409 | 2323,00 |
| 1000                   | 3                 | 52419                       | 2166,00 | 52429 | 2205,00 | 52439 | 2390,00 | 52449 | 2686,00 | 52459 | 2669,00 | 52469 | 2692,00 |
|                        | 3.5               | 52479                       | 2240,00 | 52489 | 2278,00 | 52499 | 2497,00 | 52509 | 2700,00 | 52519 | 2758,00 | 52529 | 2782,00 |
|                        | 4                 | 52539                       | 2463,00 | 52549 | 2538,00 | 52559 | 2684,00 | 52569 | 2949,00 | 52579 | 2924,00 | 52589 | 3036,00 |
| 1600                   | 3                 | 52599                       | 2753,00 | 52609 | 3028,00 | 52619 | 3012,00 | 52629 | 3177,00 | 52639 | 3198,00 | 52649 | 3275,00 |
|                        | 3.5               | 52659                       | 2812,00 | 52669 | 3012,00 | 52679 | 3087,00 | 52689 | 3196,00 | 52699 | 3305,00 | 52709 | 3336,00 |
|                        | 4                 | 52719                       | 2942,00 | 52729 | 3140,00 | 52739 | 3215,00 | 52749 | 3461,00 | 52759 | 3472,00 | 52769 | 3556,00 |
| 2000                   | 3                 | 52779                       | 3380,00 | 52789 | 3557,00 | 52799 | 3658,00 | 52809 | 3896,00 | 52819 | 3913,00 | 52829 | 4064,00 |
|                        | 3.5               | 52839                       | 3489,00 | 52849 | 3563,00 | 52859 | 3728,00 | 52869 | 4004,00 | 52879 | 4076,00 | 52889 | 4113,00 |
|                        | 4                 | 52899                       | 3620,00 | 52909 | 3783,00 | 52919 | 3931,00 | 52929 | 4137,00 | 52939 | 4208,00 | 52949 | 4370,00 |
| 3200                   | 3                 | 52959                       | 4410,00 | 52969 | 4736,00 | 52979 | 4866,00 | 52989 | 5145,00 | 52999 | 5198,00 | 53009 | 5246,00 |
|                        | 3.5               | 53019                       | 4668,00 | 53029 | 4793,00 | 53039 | 5068,00 | 53049 | 5327,00 | 53059 | 5377,00 | 53069 | 5432,00 |
|                        | 4                 | 53079                       | 4920,00 | 53089 | 5056,00 | 53099 | 5292,00 | 53109 | 5510,00 | 53119 | 5566,00 | 53129 | 5614,00 |
| 5000                   | 3                 | 53139                       | 6624,00 | 53149 | 6678,00 | 53159 | 6731,00 | 53169 | 6783,00 | 53179 | 6835,00 | 53189 | 6889,00 |
|                        | 3.5               | 53199                       | 6765,00 | 53209 | 6821,00 | 53219 | 6873,00 | 53229 | 6926,00 | 53239 | 6980,00 | 53249 | 7029,00 |
|                        | 4                 | 53259                       | 7095,00 | 53269 | 7147,00 | 53279 | 7201,00 | 53289 | 7251,00 | 53299 | 7307,00 | 53309 | 7360,00 |
| Power line             |                   | Flat cable on a steel track |         |       |         |       |         |       |         |       |         |       |         |
|                        |                   | 64628                       | 181,00  | 64638 | 196,00  | 64648 | 213,00  | 59108 | 233,00  | 64658 | 254,00  | 59118 | 271,00  |

| Options:                                                  | Code  | Price € |
|-----------------------------------------------------------|-------|---------|
| Wheel with blocking device for capacity 500 kg to 3200 kg | 83566 | 109,00  |
| Wheel with blocking device for capacity 5000 kg           | 83576 | 228,00  |
| Lockable main switch                                      | 70507 | 114,00  |

# Portal cranes

## Portal cranes hollow profile



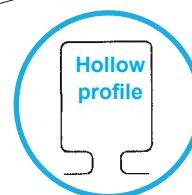
Portal cranes that cannot be moved when loaded\*

- Easy to dismantle
- Acid free top coat of paint
- With swivelling wheels
- With WLL sticker

**OUTDOOR USE ON REQUEST**

\* Non-motorised

**CANNOT BE MOVED WHEN LOADED**



| Portal cranes with swiveling wheels "Hollow profile" |                   |                |         |       |         |       |         |       |         |
|------------------------------------------------------|-------------------|----------------|---------|-------|---------|-------|---------|-------|---------|
| Capacity                                             | Height under beam | Span in meters |         |       |         |       |         |       |         |
|                                                      |                   | 2              |         | 3     |         | 4     |         | 5     |         |
| kg                                                   | m                 | Code           | Price € | Code  | Price € | Code  | Price € | Code  | Price € |
| 500                                                  | 2                 | 76319          | 1632,00 | 76329 | 1742,00 | 76339 | 1855,00 | 76349 | 1972,00 |
|                                                      | 2.5               | 76359          | 1653,00 | 76369 | 1770,00 | 76379 | 1881,00 | 76389 | 2394,00 |
|                                                      | 3                 | 76399          | 1678,00 | 76409 | 1792,00 | 76419 | 1903,00 | 76429 | 2020,00 |
|                                                      | 3.5               | 76439          | 1703,00 | 76449 | 1817,00 | 76459 | 1930,00 | 76469 | 2044,00 |
| 1000                                                 | 2                 | 76479          | 1766,00 | 76489 | 1826,00 | 76499 | 1993,00 | 76509 | 2301,00 |
|                                                      | 2.5               | 76519          | 1790,00 | 76529 | 1910,00 | 76539 | 2020,00 | 76549 | 2329,00 |
|                                                      | 3                 | 76559          | 1817,00 | 76569 | 1935,00 | 76579 | 2046,00 | 76589 | 2356,00 |
|                                                      | 3.5               | 76599          | 1844,00 | 76609 | 1960,00 | 76619 | 2072,00 | 76629 | 2380,00 |
| 1600                                                 | 2                 | 76639          | 2356,00 | 76649 | 2585,00 | 76659 | 2741,00 | 76669 | 2895,00 |
|                                                      | 2.5               | 76679          | 2386,00 | 76689 | 2615,00 | 76699 | 2767,00 | 76709 | 2924,00 |
|                                                      | 3                 | 76719          | 2413,00 | 76729 | 2642,00 | 76739 | 2769,00 | 76749 | 2952,00 |
|                                                      | 3.5               | 76759          | 2440,00 | 76769 | 2674,00 | 76779 | 2823,00 | 76789 | 2980,00 |
| 2000                                                 | 2                 | 76799          | 2539,00 | 76809 | 2688,00 | 76819 | 2843,00 | -     | -       |
|                                                      | 2.5               | 76829          | 2572,00 | 76839 | 2723,00 | 76849 | 2879,00 | -     | -       |
|                                                      | 3                 | 76859          | 2609,00 | 76869 | 2761,00 | 76879 | 2911,00 | -     | -       |
|                                                      | 3.5               | 76889          | 2642,00 | 76899 | 2797,00 | 76909 | 2951,00 | -     | -       |

| Options:                                                 | Code  | Price € |
|----------------------------------------------------------|-------|---------|
| Wheel with blocking device for capacities 200 to 2000 kg | 83566 | 109,00  |
| Lockable switch                                          | 70507 | 114,00  |

**Price includes:**

- hoist support trolley
- power line cable
- cable trolley



# Trolleys and beam clamps

## corso

A safe and quick anchor point simple and reliable system

pushed-loads



chain-operated



### corso overhead travelling trolleys

| W.L.L.                                                                                                   | pushed-load         |       |         |                          |        |         | chain-operated*     |        |         |                          |        |         |  |
|----------------------------------------------------------------------------------------------------------|---------------------|-------|---------|--------------------------|--------|---------|---------------------|--------|---------|--------------------------|--------|---------|--|
|                                                                                                          | standard hanger bar |       |         | hanger bar 220 to 320 mm |        |         | standard hanger bar |        |         | hanger bar 220 to 320 mm |        |         |  |
| (t)                                                                                                      | beam width (mm)     | Code  | Price € | beam width (mm)          | Code   | Price € | beam width (mm)     | Code   | Price € | beam width (mm)          | Code   | Price € |  |
| 0.25 (1)                                                                                                 | 45 to 152           | 69289 | 82,50   | -                        | -      | -       | -                   | -      | -       | -                        | -      | -       |  |
| 0.5                                                                                                      | 50 to 220           | 23309 | 121,50  | 160 to 320               | 108879 | 178,00  | -                   | -      | -       | -                        | -      | -       |  |
| 1                                                                                                        | 58 to 220           | 23319 | 145,00  | 160 to 320               | 108889 | 263,00  | 58 to 220           | 23339  | 282,00  | 160 to 320               | 108929 | 381,00  |  |
| 2                                                                                                        | 66 to 220           | 23329 | 228,50  | 160 to 320               | 108899 | 347,00  | 66 to 220           | 23349  | 362,00  | 160 to 320               | 108939 | 485,00  |  |
| 3                                                                                                        | 74 to 220           | 23379 | 382,50  | 160 to 320               | 108909 | 558,00  | 74 to 220           | 23359  | 488,00  | 160 to 320               | 108949 | 746,00  |  |
| 5                                                                                                        | 90 to 220           | 23389 | 588,00  | 160 to 320               | 108919 | 772,00  | 90 to 220           | 23369  | 720,00  | 160 to 320               | 108959 | 963,00  |  |
| 10                                                                                                       | -                   | -     | -       | 142 to 320               | 56279  | 1081,00 | -                   | -      | -       | 142 to 320               | 56289  | 1113,00 |  |
| 20                                                                                                       | -                   | -     | -       | -                        | -      | -       | -                   | -      | -       | 153 to 320               | 56299  | 2687,00 |  |
| (1) beam width 45 to 152 mm. Model only for tralift™ and bravo™ 250 kg. (Not for tralift™ TT, TS and TE) |                     |       |         |                          |        |         |                     |        |         |                          |        |         |  |
| Extra value per lifting meters (height>3m)                                                               |                     |       |         |                          |        |         |                     | 108957 | 10,29   |                          |        |         |  |
| 3 m in standard                                                                                          |                     |       |         |                          |        |         |                     |        |         |                          |        |         |  |

## Vertical and horizontal beam clamps

| Beam clamps |              |                 |             |      |         |
|-------------|--------------|-----------------|-------------|------|---------|
| Model       | Capacity (t) | Beam width (mm) | Weight (kg) | Code | Price € |
| LT-1B       | 1            | 75 to 230       | 4.8         | 7009 | 122,00  |
| LT-2B       | 2            | 75 to 230       | 5.6         | 7019 | 151,00  |
| LT-3B       | 3            | 80 to 330       | 11          | 7029 | 206,00  |
| LT-5B       | 5            | 80 to 330       | 12.3        | 7039 | 245,00  |
| LT-10B      | 10           | 80 to 350       | 21          | 7049 | 497,00  |



## ADVANTAGES:

- Minimum free fall height (>100 mm)
- Load fall is stopped gradually
- Fall arrest device can be stopped by a simple action on the lever
- Operation can be tested at any time by pressing the emergency button to close the jaw manually
- No need to recondition the device after fall arrest



### blocmat™ S suspended

| Model              | Capacity kg | Stroke m | Ø wire rope (mm) | Code  | Price € |
|--------------------|-------------|----------|------------------|-------|---------|
| blocmat™ S 500/15  | 500         | 15       | 6.5              | 47329 | 2766,00 |
| blocmat™ S 500/20  | 500         | 20       | 6.5              | 47339 | 3408,00 |
| blocmat™ S 500/25  | 500         | 25       | 6.5              | 47349 | 3418,00 |
| blocmat™ S 800/10  | 800         | 10       | 8.4              | 47359 | 3452,00 |
| blocmat™ S 800/20  | 800         | 20       | 8.4              | 47369 | 3779,00 |
| blocmat™ S 1000/8  | 1000        | 8        | 9.5              | 47379 | 3385,00 |
| blocmat™ S 1000/12 | 1000        | 12       | 9.5              | 47389 | 3695,00 |
| blocmat™ S 1000/25 | 1000        | 25       | 9.5              | 75399 | 3850,00 |

### blocmat™ SI floor mounted

|                     |      |    |     |       |         |
|---------------------|------|----|-----|-------|---------|
| blocmat™ SI 500/15  | 500  | 15 | 6.5 | 47269 | 2775,00 |
| blocmat™ SI 500/25  | 500  | 25 | 6.5 | 47279 | 3364,00 |
| blocmat™ SI 800/15  | 800  | 15 | 8.4 | 47289 | 3475,00 |
| blocmat™ SI 800/25  | 800  | 25 | 8.4 | 47299 | 3801,00 |
| blocmat™ SI 1000/10 | 1000 | 10 | 9.5 | 47309 | 3404,00 |
| blocmat™ SI 1000/25 | 1000 | 25 | 9.5 | 47319 | 3755,00 |

## ADVANTAGES:

- Limited free fall height
- Load fall is stopped gradually
- Minimum dead weight
- Handles for transport
- Minimum maintenance cost



### blocmat™ B.S suspended

| Model                                         | Capacity kg | Stroke m | Ø wire rope (mm) | Code  | Price € |
|-----------------------------------------------|-------------|----------|------------------|-------|---------|
| blocmat™ B.S 250 (with connector) Fig. 1      | 250         | 10       | 4.7              | 60579 | 709,00  |
| blocmat™ B.S 250 (with connector) Fig. 2      | 250         | 15       | 5                | 47419 | 1132,00 |
| blocmat™ B.S 250 (with fixing bracket) Fig. 3 | 250         | 15       | 5                | 47409 | 1084,00 |
| blocmat™ B.S 250 (with connector) Fig. 4      | 250         | 15       | 5                | 47399 | 1338,00 |

# Pulleys EH Series

## Selection of sheaves diameters for wire rope by application: According to FEM Standard:

### Lifting

The sheaving factor K will be minimum 12 (for motorised winch class M1) up to 28 (for motorised winch class M8).

N.B.

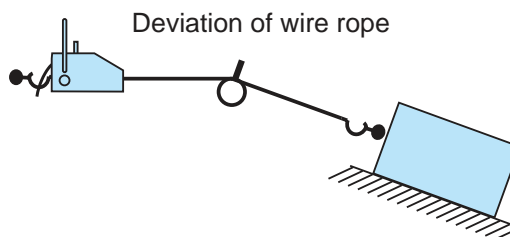
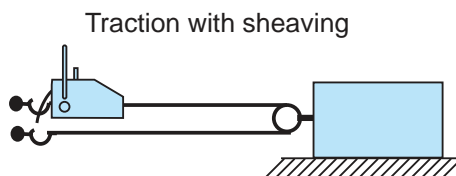
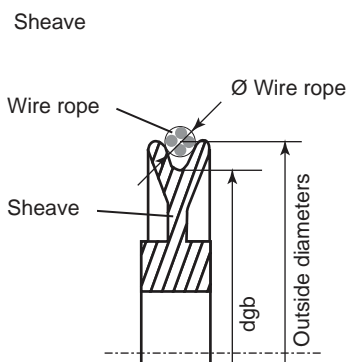
Sheaving factor is applied on wire rope diameters. The results correspond to the outside diameters of the sheave.

Example:

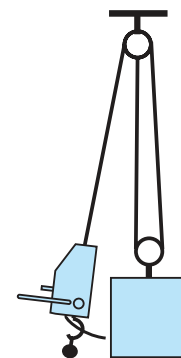
Wire rope diameters = 10 mm used with winch class M1

Outer sheave diameter = 10 mm x 12 = 120 mm

Diameter of groove base = 120 mm - 10 mm (wire rope) = 110 mm



Lifting with sheaving



### Lifting pulleys "tirfor®" series

|           | Sheave<br>dgbØ/outØ<br>(mm) | Ø wire rope<br>(mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|-----------|-----------------------------|---------------------|---------------|----------------|-------|---------|
| with hook |                             |                     |               |                |       |         |
| E460H     | 132/ 160                    | 8.3                 | 1.6           | 7              | 80969 | 273,00  |
| E470H     | 160/ 200                    | 11.5                | 3.2           | 15.5           | 80989 | 399,00  |
| E480H     | 275/ 336                    | 16.3                | 6.4           | 34             | 81009 | 873,00  |

### EH Single sheave snatch block

|           | Sheave<br>dgbØ/outØ<br>(mm) | Ø wire rope<br>min/ max<br>(mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|-----------|-----------------------------|---------------------------------|---------------|----------------|-------|---------|
| with hook |                             |                                 |               |                |       |         |
| E303H     | 80/ 100                     | 8/ 9                            | 1             | 3              | 80869 | 194,00  |
| E313H     | 132/ 160                    | 10/ 12                          | 2             | 7              | 80889 | 269,00  |
| E323H     | 160/ 200                    | 13/ 15                          | 3.2           | 15.5           | 80909 | 399,00  |
| E490H     | 160/ 200                    | 13/ 15                          | 5             | 17             | 81029 | 597,00  |
| E333H     | 210/ 250                    | 16/ 18                          | 5             | 20.2           | 80929 | 649,00  |
| E347H     | 275/ 336                    | 21/ 23                          | 8             | 34             | 80949 | 916,00  |



# Pulleys

## EC, ES and ETC series

### EC Scissor design snatch pulley



Wire rope

|              | Sheave<br>dgbØ/outØ<br>(mm) | Ø wire rope<br>min/ max<br>(mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|--------------|-----------------------------|---------------------------------|---------------|----------------|-------|---------|
| EC1.6-100E9  | 80/ 100                     | 8/ 9                            | 1.6           | 2.2            | 80689 | 101,00  |
| EC3.2-160E12 | 132/ 160                    | 10/ 12                          | 3.2           | 4.8            | 80699 | 180,00  |
| EC5-200E15   | 160/ 200                    | 13/ 15                          | 5             | 9.3            | 80709 | 238,00  |
| EC8-250E18   | 210/ 250                    | 16/ 18                          | 8             | 19.4           | 80719 | 376,00  |

### ES Simple yoke pulley



Wire rope

|       | Sheave<br>dgbØ/outØ<br>(mm) | Ø wire rope<br>min/ max<br>(mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|-------|-----------------------------|---------------------------------|---------------|----------------|-------|---------|
|       | with hook                   |                                 |               |                |       |         |
| E110S | 60/ 80                      | 4/ 5                            | 0.32          | 0.9            | 81329 | 69,00   |
| E112S | 80/ 100                     | 8/ 9                            | 0.63          | 1.8            | 81339 | 86,00   |
| E120S | 132/ 160                    | 10/ 11,5                        | 1.2           | 3.4            | 81359 | 133,00  |

### ETC Heavy duty snatch block for off-shore use with hook



Wire rope

|              | Sheave<br>dgbØ/outØ<br>(mm) | Ø wire rope<br>min/ max<br>(mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|--------------|-----------------------------|---------------------------------|---------------|----------------|-------|---------|
| ETC2-79E10   | 60/ 79                      | 9/ 10                           | 2             | 2.7            | 81429 | 175,00  |
| ETC5-114E14  | 90/ 114                     | 12/ 14                          | 5             | 8              | 81399 | 299,00  |
| ETC5-165E14  | 140/ 165                    | 12/ 14                          | 5             | 10.5           | 81459 | 395,00  |
| ETC8-142E19  | 112/ 142                    | 17/ 19                          | 8             | 15             | 81489 | 434,00  |
| ETC8-209E19  | 177/ 209                    | 17/ 19                          | 8             | 20             | 81519 | 504,00  |
| ETC8-262E19  | 221/ 262                    | 17/ 19                          | 8             | 25             | 81549 | 657,00  |
| ETC8-326E23  | 275/ 326                    | 20/ 23                          | 8             | 29             | 81579 | 745,00  |
| ETC12-145E23 | 112/ 145                    | 20/ 23                          | 12.5          | 30             | 81609 | 810,00  |
| ETC12-216E23 | 174/ 216                    | 20/ 23                          | 12.5          | 35             | 81669 | 954,00  |
| ETC12-216E29 | 174/ 216                    | 26/ 29                          | 12.5          | 35             | 81639 | 966,00  |
| ETC15-262E23 | 221/ 262                    | 20/ 23                          | 15            | 38             | 81699 | 1206,00 |
| ETC15-326E23 | 275/ 326                    | 20/ 23                          | 15            | 45             | 81759 | 1327,00 |
| ETC15-420E23 | 355/ 420                    | 20/ 23                          | 15            | 65             | 81819 | 1633,00 |
| ETC20-216E29 | 174/ 216                    | 26/ 29                          | 20            | 39             | 81729 | 1317,00 |
| ETC20-268E38 | 224/ 268                    | 35/ 38                          | 20            | 56             | 81789 | 1362,00 |
| ETC20-410E38 | 349/ 410                    | 35/ 38                          | 20            | 70             | 81849 | 1998,00 |
| ETC25-262E29 | 221/ 262                    | 26/ 29                          | 25            | 62             | 81879 | 1874,00 |
| ETC25-326E29 | 270/ 326                    | 26/ 29                          | 25            | 85             | 81939 | 2136,00 |
| ETC32-334E46 | 270/ 334                    | 42/ 46                          | 32            | 95             | 81909 | 2718,00 |
| ETC32-518E46 | 443/ 518                    | 42/ 46                          | 32            | 135            | 81969 | 4506,00 |

# Pulleys

## ETM and ETA series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### ETM Heavy duty snatch block for off-shore use with stud shackle



Wire rope

|              | Sheave dgbØ/outØ (mm) | Ø wire rope min/ max (mm) | W.L.L. (t) | Weight (kg) | Code  | Price € |
|--------------|-----------------------|---------------------------|------------|-------------|-------|---------|
| ETM2-79E10   | 60/ 79                | 9/ 10                     | 2          | 2.7         | 81439 | 189,00  |
| ETM5-114E14  | 90/ 114               | 12/ 14                    | 5          | 8           | 81409 | 328,00  |
| ETM5-165E14  | 140/ 165              | 12/ 14                    | 5          | 10.5        | 81469 | 407,00  |
| ETM8-142E19  | 112/ 142              | 17/ 19                    | 8          | 15          | 81499 | 462,00  |
| ETM8-209E19  | 177/ 209              | 17/ 19                    | 8          | 20          | 81529 | 541,00  |
| ETM8-262E19  | 221/ 262              | 17/ 19                    | 8          | 25          | 81559 | 727,00  |
| ETM8-326E23  | 275/ 326              | 20/ 23                    | 8          | 29          | 81589 | 814,00  |
| ETM12-145E23 | 112/ 145              | 20/ 23                    | 12.5       | 30          | 81619 | 843,00  |
| ETM12-216E23 | 174/ 216              | 20/ 23                    | 12.5       | 35          | 81679 | 1007,00 |
| ETM12-216E29 | 174/ 216              | 26/ 29                    | 12.5       | 35          | 81649 | 995,00  |
| ETM15-262E23 | 221/ 262              | 20/ 23                    | 15         | 38          | 81709 | 1256,00 |
| ETM15-326E23 | 275/ 326              | 20/ 23                    | 15         | 45          | 81769 | 1383,00 |
| ETM15-420E23 | 355/ 420              | 20/ 23                    | 15         | 65          | 81829 | 1702,00 |
| ETM20-216E29 | 174/ 216              | 26/ 29                    | 20         | 39          | 81739 | 1355,00 |
| ETM20-268E38 | 224/ 268              | 35/ 38                    | 20         | 56          | 81799 | 1397,00 |
| ETM20-410E38 | 349/ 410              | 35/ 38                    | 20         | 70          | 81859 | 2082,00 |
| ETM25-262E29 | 221/ 262              | 26/ 29                    | 25         | 62          | 81889 | 1948,00 |
| ETM25-326E29 | 270/ 326              | 26/ 29                    | 25         | 85          | 81949 | 2226,00 |
| ETM32-334E46 | 270/ 334              | 42/ 46                    | 32         | 95          | 81919 | 3895,00 |
| ETM32-518E46 | 443/ 518              | 42/ 46                    | 32         | 135         | 81979 | 4690,00 |

### ETA Heavy duty snatch block for off-shore use with axles



Wire rope

|              | Sheave dgbØ/outØ (mm) | Ø wire rope min/ max (mm) | W.L.L. (t) | Weight (kg) | Code  | Price € |
|--------------|-----------------------|---------------------------|------------|-------------|-------|---------|
| ETA2-79E10   | 60/ 79                | 9/ 10                     | 2          | 1.6         | 81449 | 136,00  |
| ETA5-114E14  | 90/ 114               | 12/ 14                    | 5          | 4.5         | 81419 | 217,00  |
| ETA5-165E14  | 140/ 165              | 12/ 14                    | 5          | 7           | 81479 | 299,00  |
| ETA8-142E19  | 112/ 142              | 17/ 19                    | 8          | 8.5         | 81509 | 328,00  |
| ETA8-209E19  | 177/ 209              | 17/ 19                    | 8          | 13.5        | 81539 | 365,00  |
| ETA8-262E19  | 221/ 262              | 17/ 19                    | 8          | 18          | 81569 | 504,00  |
| ETA8-326E23  | 275/ 326              | 20/ 23                    | 8          | 23          | 81599 | 606,00  |
| ETA12-145E23 | 112/ 145              | 20/ 23                    | 12.5       | 24          | 81629 | 575,00  |
| ETA12-216E23 | 174/ 216              | 20/ 23                    | 12.5       | 28          | 81689 | 678,00  |
| ETA12-216E29 | 174/ 216              | 26/ 29                    | 12.5       | 28          | 81659 | 686,00  |
| ETA15-262E23 | 221/ 262              | 20/ 23                    | 15         | 30          | 81719 | 842,00  |
| ETA15-326E23 | 275/ 326              | 20/ 23                    | 15         | 36          | 81779 | 927,00  |
| ETA15-420E23 | 355/ 420              | 20/ 23                    | 15         | 52          | 81839 | 1139,00 |
| ETA20-216E29 | 174/ 216              | 26/ 29                    | 20         | 31          | 81749 | 907,00  |
| ETA20-268E38 | 224/ 268              | 35/ 38                    | 20         | 45          | 81809 | 936,00  |
| ETA20-410E38 | 349/ 410              | 35/ 38                    | 20         | 56          | 81869 | 1395,00 |
| ETA25-262E29 | 221/ 262              | 26/ 29                    | 25         | 48          | 81899 | 1306,00 |
| ETA25-326E29 | 270/ 326              | 26/ 29                    | 25         | 63          | 81959 | 1491,00 |
| ETA32-334E46 | 270/ 334              | 42/ 46                    | 32         | 70          | 81929 | 2608,00 |
| ETA32-518E46 | 443/ 518              | 42/ 46                    | 32         | 100         | 81989 | 3144,00 |

# Pulleys

## EP series

### Safety:

- Pulleys are designed according to FEM87 et à la norme EN 1808.
- Finger protection system.
- Limit detection stop.

### Easy to use:

- The casings' geometry allows using the pulley as opening pulley and facilitating wire rope positioning.

### Low weight:

- The use of high strength steel and a polyamide sheave makes the pulley light and easy to manipulate.

### Versatility:

- These pulleys can be used for man riding or material lifting with the same Working Load Limit.

### Compatibility:

- EP pulleys can be used with the whole range of tirfor® and tirak™ hoists.



EPA II  
an axis



EPC II  
a swivel safety  
locking hook



EPE II  
a swivel hook with  
safety latch



EPF II  
a fixed safety  
locking hook



EPL II  
a fixed hook with  
safety latch

| Typ    | Working Load Limit (kg) | Ødgb/ outØ (mm) | Ø wire rope (mm)      |                    | Weight (kg) | Code   | Price € |
|--------|-------------------------|-----------------|-----------------------|--------------------|-------------|--------|---------|
|        |                         |                 | Motorised application | Manual application |             |        |         |
| EPA II | 1600                    | 171/198         | 8                     | 9                  | 2.9         | 192789 | 398,00  |
|        | 2400                    | 196/219.5       | 10                    | 12                 | 5           | 192819 | 522,00  |
|        | 4800                    | 277.4/310.7     | 14                    | 16                 | 12.2        | 192849 | 788,00  |
| EPC II | 1600                    | 171/198         | 8                     | 9                  | 3.7         | 192769 | 503,00  |
|        | 2400                    | 196/219.5       | 10                    | 12                 | 6.4         | 192799 | 665,00  |
|        | 4800                    | 277.4/310.7     | 14                    | 16                 | 14.8        | 192829 | 981,00  |
| EPE II | 1600                    | 171/198         | 8                     | 9                  | 3.7         | 192899 | 422,00  |
|        | 2400                    | 196/219.5       | 10                    | 12                 | 6.4         | 192919 | 550,00  |
|        | 4800                    | 277.4/310.7     | 14                    | 16                 | 14.8        | 192939 | 811,00  |
| EPF II | 1600                    | 171/198         | 8                     | 9                  | 3.5         | 192779 | 451,00  |
|        | 2400                    | 196/219.5       | 10                    | 12                 | 5.9         | 192809 | 594,00  |
|        | 4800                    | 277.4/310.7     | 14                    | 16                 | 14.1        | 192839 | 895,00  |
| EPL II | 1600                    | 171/198         | 8                     | 9                  | 3.5         | 192909 | 416,00  |
|        | 2400                    | 196/219.5       | 10                    | 11.5               | 5.9         | 192929 | 525,00  |
|        | 4800                    | 277.4/310.7     | 14                    | 16.3               | 14.1        | 192949 | 785,00  |

# Overhead craneblock

## CHA, CHB and CUB series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

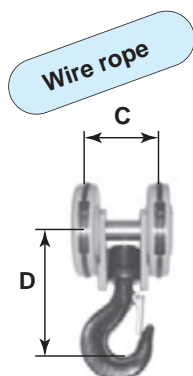
PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

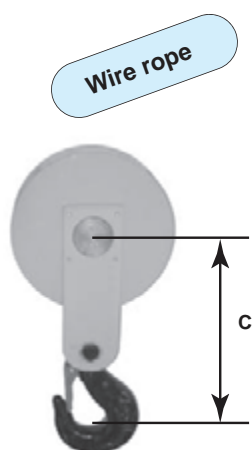
### CHA and CHB Two sheaves overhead craneblock



**CHA**= strengthened steel carter  
**CHB**= steel sheet carter

|               | Dimension | Croc N°<br>DIN 15401 | Sheave<br>dgbØ/ outØ<br>(mm) | Ø wire<br>rope<br>min/max<br>(mm) | C<br>(mm) | D<br>(mm) | W.L.L. (t)<br>FEM group |      | Weight<br>(kg) | Code   | Price € |
|---------------|-----------|----------------------|------------------------------|-----------------------------------|-----------|-----------|-------------------------|------|----------------|--------|---------|
|               |           |                      |                              |                                   |           |           | M5                      | M6   |                |        |         |
| <b>CHB122</b> | 02        | 1.6-V                | 152/175                      | 7                                 | 142       | 262       | 3.2                     | -    | 17             | 105169 | 466,00  |
|               |           |                      |                              | 8                                 |           |           | -                       | 2,5  |                | 105179 | 466,00  |
| <b>CHB132</b> | 03        | 2,5-T                | 172/200                      | 8                                 | 167       | 295       | 4                       | -    | 25             | 105189 | 505,00  |
|               |           |                      |                              | 9                                 |           |           | -                       | 3.2  |                | 105199 | 505,00  |
| <b>CHB142</b> | 04        | 2,5-T                | 180/210                      | 9                                 | 172       | 295       | 5                       | -    | 27             | 105209 | 603,00  |
|               |           |                      |                              | 10                                |           |           | -                       | 4    |                | 105219 | 603,00  |
| <b>CHB172</b> | 07        | 5-T                  | 250/297                      | 12                                | 220       | 373       | 10                      | -    | 65             | 105269 | 983,00  |
|               |           |                      |                              | 13                                |           |           | -                       | 8    |                | 105279 | 983,00  |
| <b>CHA152</b> | 05        | 4-T                  | 200/235                      | 10                                | 190       | 328       | 6.3                     | -    | 45             | 105229 | 806,00  |
|               |           |                      |                              | 11                                |           |           | -                       | 5    |                | 105239 | 806,00  |
| <b>CHA162</b> | 06        | 4-T                  | 228/270                      | 11                                | 215       | 346       | 8                       | -    | 64             | 105249 | 1195,00 |
|               |           |                      |                              | 12                                |           |           | -                       | 6.3  |                | 105259 | 1195,00 |
| <b>CHA172</b> | 07        | 5-T                  | 250/297                      | 12                                | 235       | 373       | 10                      | -    | 76             | 105289 | 1433,00 |
|               |           |                      |                              | 13                                |           |           | -                       | 8    |                | 105299 | 1433,00 |
| <b>CHA182</b> | 08        | 6-T                  | 280/330                      | 13                                | 268       | 450       | 12.5                    | -    | 120            | 105309 | 1924,00 |
|               |           |                      |                              | 14                                |           |           | -                       | 10   |                | 105319 | 1924,00 |
| <b>CHA192</b> | 09        | 8-T                  | 320/375                      | 15                                | 291       | 484       | 16                      | -    | 152            | 105329 | 2111,00 |
|               |           |                      |                              | 16                                |           |           | -                       | 12.5 |                | 105339 | 2111,00 |
| <b>CHA202</b> | 10        | 10-T                 | 355/425                      | 17                                | 320       | 530       | 20                      | -    | 215            | 105349 | 3474,00 |
|               |           |                      |                              | 18                                |           |           | -                       | 16   |                | 105359 | 3474,00 |
| <b>CHA212</b> | 11        | 12-T                 | 400/470                      | 19                                | 360       | 600       | 25                      | -    | 270            | 105369 | 4220,00 |
|               |           |                      |                              | 20                                |           |           | -                       | 20   |                | 105379 | 4220,00 |

### CUB One sheave overhead craneblock



|               | Dimension | Croc N°<br>DIN 15401 | Sheave<br>dgbØ/<br>outØ<br>(mm) | Ø wire<br>rope<br>min/max<br>(mm) | C<br>(mm) | W.L.L. (t)<br>FEM group |      | Weight<br>(kg) | Code   | Price € |
|---------------|-----------|----------------------|---------------------------------|-----------------------------------|-----------|-------------------------|------|----------------|--------|---------|
|               |           |                      |                                 |                                   |           | M5                      | M6   |                |        |         |
| <b>CUB122</b> | 02        | 1-V                  | 152/175                         | 7                                 | 305       | 1.6                     | -    | 11             | 104819 | 407,00  |
|               |           |                      |                                 | 8                                 |           | -                       | 1.25 |                | 104829 | 407,00  |
| <b>CUB132</b> | 03        | 1-V                  | 172/200                         | 8                                 | 317       | 2                       | -    | 14             | 104839 | 459,00  |
|               |           |                      |                                 | 9                                 |           | -                       | 1.6  |                | 104849 | 459,00  |
| <b>CUB142</b> | 04        | 1.6-V                | 180/210                         | 9                                 | 348       | 2.5                     | -    | 18             | 104859 | 500,00  |
|               |           |                      |                                 | 10                                |           | -                       | 2    |                | 104869 | 500,00  |
| <b>CUB152</b> | 05        | 1.6-V                | 200/235                         | 10                                | 359       | 3.2                     | -    | 21             | 104879 | 530,00  |
|               |           |                      |                                 | 11                                |           | -                       | 2.5  |                | 104889 | 530,00  |
| <b>CUB162</b> | 06        | 2,5-T                | 228/270                         | 11                                | 418       | 4                       | -    | 36             | 104899 | 801,00  |
|               |           |                      |                                 | 12                                |           | -                       | 3.2  |                | 104909 | 801,00  |
| <b>CUB172</b> | 07        | 2,5-T                | 250/297                         | 12                                | 434       | 5                       | -    | 41             | 104919 | 900,00  |
|               |           |                      |                                 | 13                                |           | -                       | 4    |                | 104929 | 900,00  |
| <b>CUB182</b> | 08        | 4-T                  | 280/330                         | 13                                | 475       | 6.3                     | -    | 65             | 104939 | 1322,00 |
|               |           |                      |                                 | 14                                |           | -                       | 5    |                | 104949 | 1322,00 |
| <b>CUB192</b> | 09        | 4-T                  | 320/375                         | 15                                | 488       | 8                       | -    | 68             | 104959 | 1539,00 |
|               |           |                      |                                 | 16                                |           | -                       | 6.3  |                | 104969 | 1539,00 |

# Sheaves

## BC and BD series

### BC Sheave with short hub



|                | Sheave<br>dgbØ/out<br>Ø (mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|----------------|------------------------------|---------------------------------|---------------|----------------|-------|---------|
| no bush        |                              |                                 |               |                |       |         |
| CA86C8MUC      | 86/ 100                      | 7/ 8                            | 0.8           | 0.6            | 83799 | 55,00   |
| CA140C11VUC    | 140/ 160                     | 10/ 11,5                        | 1.6           | 1.2            | 83809 | 95,00   |
| CA172C15VUC    | 172/ 200                     | 13/ 15                          | 2.5           | 2.1            | 83819 | 103,00  |
| CA212C19VUC    | 212/ 250                     | 17/ 19                          | 4             | 4.2            | 83829 | 124,00  |
| bronze brushed |                              |                                 |               |                |       |         |
| CA86C8MMC      | 86/ 100                      | 7/ 8                            | 0.8           | 0.6            | 83839 | 69,00   |
| CA140C11VMC    | 140/ 160                     | 10/ 11,5                        | 1.6           | 1.2            | 83849 | 114,00  |
| CA172C15VMC    | 172/ 200                     | 13/ 15                          | 2.5           | 2.1            | 83859 | 133,00  |
| CA212C19VMC    | 212/ 250                     | 17/ 19                          | 4             | 4.2            | 83869 | 179,00  |

### BD Sheave for building and civil engineering



|                | Sheave<br>dgbØ/out<br>Ø (mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|----------------|------------------------------|---------------------------------|---------------|----------------|-------|---------|
| no bush        |                              |                                 |               |                |       |         |
| ** CA100C4MU   | 100/ 112                     | 4/ 4.5                          | 0.5           | 0.5            | 83879 | 45,00   |
| CA140C6VU      | 140/ 160                     | 5.5/ 6.3                        | 1             | 1.2            | 83889 | 79,00   |
| ** CA200C9VU   | 200/ 224                     | 8/ 9.5                          | 2             | 2.1            | 83899 | 101,00  |
| bronze brushed |                              |                                 |               |                |       |         |
| CA140C6VM      | 140/ 160                     | 5.5/ 6.3                        | 1             | 1.2            | 83909 | 106,00  |
| with bearing   |                              |                                 |               |                |       |         |
| CA100C4MB      | 100/ 112                     | 4/ 4.5                          | 0.5           | 0.5            | 83929 | 64,00   |
| CA140C6VB      | 140/ 160                     | 5.5/ 6.3                        | 1             | 1.2            | 83939 | 98,00   |
| CA200C9VB      | 200/ 224                     | 8/ 9.5                          | 2             | 2.1            | 83949 | 170,00  |
| CA220C10CB     | 220/ 255                     | 9/10                            | 2             | 7.6            | 83959 | 220,00  |

\*\* without greaser



# Sheaves

## BE and BL series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### BE Sheave tapered groove



Wire rope

|                | Sheave dgbØ/out Ø (mm) | Ø wire rope min/max (mm) | W.L.L. (t) | Weight (kg) | Code | Price € |               |
|----------------|------------------------|--------------------------|------------|-------------|------|---------|---------------|
| no bush        |                        |                          |            |             |      |         |               |
|                | CA53C5CU               | 53/ 63                   | 4/ 5       | 0.32        | 0.2  | 104189  | <b>13,00</b>  |
|                | CA60C5CU               | 60/ 80                   | 4/ 5       | 0.63        | 0.32 | 104199  | <b>15,00</b>  |
|                | CA80C9CU               | 80/ 100                  | 8/ 9       | 1.25        | 0.65 | 104209  | <b>24,00</b>  |
|                | CA120C11CU             | 120/ 150                 | 10/ 11.5   | 2           | 1.4  | 104219  | <b>40,00</b>  |
|                | CA160C15CU             | 160/ 200                 | 13/ 15     | 3.2         | 3    | 104239  | <b>54,00</b>  |
| **             | CA210C18CU             | 210/ 255                 | 16/ 18     | 5           | 4.6  | 104259  | <b>144,00</b> |
| bronze brushed |                        |                          |            |             |      |         |               |
|                | CA80C9CM               | 80/ 100                  | 8/ 9       | 1.25        | 0.65 | 104269  | <b>61,00</b>  |
| **             | CA132C12VM             | 132/ 160                 | 10/ 12     | 2           | 1.4  | 104279  | <b>82,00</b>  |
| **             | CA160C15VM             | 160/ 200                 | 13/ 15     | 3.2         | 3    | 104289  | <b>124,00</b> |
| **             | CA210C18CM             | 210/ 255                 | 16/18      | 5           | 4.6  | 104299  | <b>195,00</b> |
| with bearing   |                        |                          |            |             |      |         |               |
|                | CA80C9CA               | 80/ 100                  | 8/9        | 1.25        | 0.65 | 104309  | <b>63,00</b>  |
| **             | CA132C12VA             | 132/ 160                 | 10/12      | 2           | 1.4  | 104319  | <b>92,00</b>  |
| **             | CA160C15VA             | 160/ 200                 | 13/15      | 3.2         | 3    | 104329  | <b>133,00</b> |
|                | CA210C18CO             | 210/ 255                 | 16/18      | 5           | 4.6  | 104339  | <b>213,00</b> |

\*\* steel

### BL Sheave with long hub



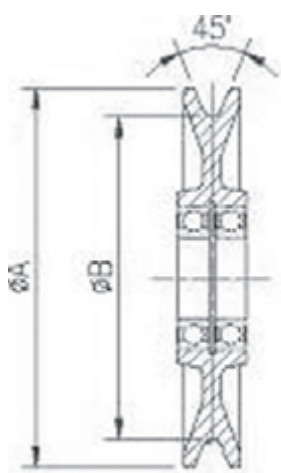
Wire rope

|                | Sheave dgbØ/out Ø (mm) | Ø wire rope min/max (mm) | W.L.L. (t) | Weight (kg) | Code | Price € |               |
|----------------|------------------------|--------------------------|------------|-------------|------|---------|---------------|
| no bush        |                        |                          |            |             |      |         |               |
|                | CA140C11VUL            | 140/ 160                 | 10/ 11.5   | 2           | 1.3  | 104009  | <b>89,00</b>  |
|                | CA172C15VUL            | 172/ 200                 | 13/ 15     | 3.2         | 2.2  | 104019  | <b>109,00</b> |
|                | CA212C19VUL            | 212/ 250                 | 17/ 19     | 5           | 4.4  | 104029  | <b>121,00</b> |
| bronze brushed |                        |                          |            |             |      |         |               |
|                | CA140C11VML            | 140/ 160                 | 10/ 11.5   | 2           | 1.3  | 104039  | <b>106,00</b> |
|                | CA172C15VML            | 172/ 200                 | 13/ 15     | 3.2         | 2.2  | 104049  | <b>125,00</b> |
|                | CA212C19VML            | 212/ 250                 | 17/ 19     | 5           | 4.4  | 104059  | <b>176,00</b> |
| with bearing   |                        |                          |            |             |      |         |               |
|                | CA145C7CBL             | 145/ 170                 | 6/ 7       | 1,5         | 2,4  | 104069  | <b>83,00</b>  |
|                | CA140C11VAL            | 140/ 160                 | 10/ 11.5   | 2           | 1.3  | 104079  | <b>99,00</b>  |
|                | CA171C9CBL             | 171/ 195                 | 8/ 9       | 3           | 3.3  | 104089  | <b>115,00</b> |
|                | CA205C11CBL            | 205/ 240                 | 10/ 11     | 4           | 5.7  | 104099  | <b>180,00</b> |
|                | CA260C14CBL            | 260/ 300                 | 12/ 14     | 6           | 11   | 104109  | <b>352,00</b> |
|                | CA172C15VAL            | 172/ 200                 | 13/ 15     | 3.2         | 2.2  | 104119  | <b>136,00</b> |
|                | CA325C17CBL            | 325/ 375                 | 15/ 17     | 8           | 27   | 104129  | <b>917,00</b> |
|                | CA172C19VAL            | 212/ 250                 | 17/ 19     | 5           | 4.4  | 104139  | <b>202,00</b> |

# Sheaves

## CSB serie

### CSB Sheaves with ball bearings



Wire rope



|        | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code   | Price € |
|--------|--------------------------|---------------------------------|---------------|----------------|--------|---------|
| CSB012 | 133/ 150                 | 6/ 7                            | 1.6           | 1.75           | 104359 | 62,00   |
| CSB014 | 125/ 150                 | 7.5/ 8                          |               |                | 105639 | 64,20   |
| CSB022 | 152/ 175                 | 7/ 8                            | 2             | 2.7            | 104389 | 67,00   |
| CSB024 | 150/ 178                 | 9/ 10                           |               |                | 105649 | 67,30   |
| CSB032 | 172/ 200                 | 8/ 9                            | 2.5           | 4.1            | 104419 | 74,00   |
| CSB034 | 165/ 200                 | 10/ 11                          |               |                | 105659 | 74,60   |
| CSB042 | 180/ 210                 | 9/ 10                           | 3.2           | 5.1            | 104449 | 82,00   |
| CSB044 | 180/ 210                 | 11/ 12                          |               |                | 105669 | 83,80   |
| CSB052 | 200/ 235                 | 10/ 11                          | 4             | 6.9            | 104479 | 132,00  |
| CSB054 | 195/ 235                 | 12/ 13                          |               |                | 105679 | 135,00  |
| CSB062 | 228/ 270                 | 11/ 12                          | 6.3           | 10.2           | 104509 | 211,00  |
| CSB064 | 225/ 270                 | 13/ 14                          |               |                | 105689 | 215,00  |
| CSB072 | 257/ 297                 | 12/ 13                          | 6.3           | 12.3           | 104539 | 233,00  |
| CSB074 | 257/ 297                 | 14/ 15                          |               |                | 105699 | 237,00  |
| CSB082 | 280/ 330                 | 13/ 14                          | 10            | 23.1           | 104569 | 438,00  |
| CSB084 | 280/ 330                 | 15/ 16                          |               |                | 105709 | 445,00  |
| CSB092 | 320/ 375                 | 15/ 16                          | 10            | 24.5           | 104599 | 546,00  |
| CSB094 | 306/ 370                 | 17/ 18                          |               |                | 105719 | 555,00  |
| CSB102 | 355/ 425                 | 17/ 18                          | 12.5          | 34             | 104629 | 718,00  |
| CSB104 | 355/ 425                 | 19/ 20                          |               |                | 105729 | 732,00  |
| CSB112 | 400/ 470                 | 19/ 20                          | 16            | 45             | 104659 | 1151,00 |
| CSB114 | 400/ 470                 | 22/ 24                          |               |                | 105739 | 1173,00 |
| CSB122 | 440/ 510                 | 20/ 22                          | 20            | 65             | 105759 | 1651,00 |
| CSB124 | 430/ 510                 | 24/ 26                          |               |                | 105779 | 1651,00 |
| CSB132 | 500/ 570                 | 22/ 24                          | 20            | 115            | 105799 | 2546,00 |
| CSB142 | 550/ 630                 | 24/ 26                          |               |                | 105829 | 3057,00 |

# Pulleys

## FM, ED, EG and EJ series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### FM Double or triple sheave opening block for wire rope



Wire rope

|                       | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|-----------------------|--------------------------|---------------------------------|---------------|----------------|-------|---------|
| with hook - 2 sheaves |                          |                                 |               |                |       |         |
| F003M                 | 86/ 100                  | 7/ 8                            | 1.25          | 5              | 82289 | 319,00  |
| F013M                 | 140/ 160                 | 10/ 11.5                        | 3.2           | 12.5           | 82329 | 531,00  |
| F023M                 | 175/ 200                 | 13/ 15                          | 5             | 18             | 82369 | 768,00  |
| with hook - 3 sheaves |                          |                                 |               |                |       |         |
| F073M                 | 140/ 160                 | 10/ 11.5                        | 5             | 16             | 82449 | 772,00  |

### ED Side opening pulley



Wire rope

|       | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|-------|--------------------------|---------------------------------|---------------|----------------|-------|---------|
| E162D | 140/ 160                 | 10/ 11.5                        | 1.25          | 5.2            | 80729 | 276,00  |
| E172D | 172/ 200                 | 13/ 15                          | 2             | 9.3            | 80769 | 372,00  |

### EG Light duty pulley



Wire rope

|                       | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|-----------------------|--------------------------|---------------------------------|---------------|----------------|-------|---------|
| with cast iron sheave |                          |                                 |               |                |       |         |
| E140G                 | 60/ 80                   | 4/ 5                            | 0.32          | 1.6            | 80809 | 108,00  |
| E144G                 | 80/ 100                  | 8/ 9                            | 0.63          | 2.5            | 80829 | 138,00  |
| E146G                 | 80/ 100                  | 8/ 9                            | 0.63          | 2.5            | 80849 | 160,00  |

### EJ Medium duty snatch pulley



Wire rope

|              | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|--------------|--------------------------|---------------------------------|---------------|----------------|-------|---------|
| without hook |                          |                                 |               |                |       |         |
| E125J        | 80/ 100                  | 8/ 9                            | 1             | 1.9            | 81049 | 67,00   |
| with hook    |                          |                                 |               |                |       |         |
| E126J        | 80/ 100                  | 8/ 9                            | 0.63          | 2.6            | 81059 | 121,00  |
| E136J        | 132/ 160                 | 10/ 11.5                        | 1.25          | 5              | 81099 | 180,00  |

# Rollers

## BG, BH and BN series

### BG Cast iron roller



Rope

|                 | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|-----------------|--------------------------|---------------------------------|---------------|----------------|-------|---------|
| lot de 10       |                          |                                 |               |                |       |         |
| CO34C11MU       | 34/ 40                   | 9/ 11                           | 100           | 90             | 83699 | 77,00   |
| CO42C12MU       | 42/ 50                   | 10/ 12.6                        | 160           | 170            | 83709 | 51,00   |
| CO54C17CU       | 54/ 63                   | 15/ 17                          | 250           | 200            | 83719 | 120,00  |
| à l'unité       |                          |                                 |               |                |       |         |
| CO63C17CM       | 63/ 80                   | 16/ 18                          | 400           | 320            | 83729 | 38,00   |
| CO80C19CM       | 80/ 100                  | 17/ 19                          | 630           | 680            | 83739 | 43,00   |
| CO131C-<br>25MM | 131/ 160                 | 23/ 25                          | 1000          | 1500           | 83749 | 80,00   |

### BH Cast iron roller



Rope

|            | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|------------|--------------------------|---------------------------------|---------------|----------------|-------|---------|
| CO63C17CU  | 63/ 80                   | 15/ 17                          | 400           | 300            | 83759 | 34,00   |
| CO80C19CU  | 80/ 100                  | 17/ 19                          | 630           | 650            | 83769 | 40,00   |
| CO131C25MU | 131/ 160                 | 23/ 25                          | 1250          | 1400           | 83779 | 84,00   |
| CO161C34MU | 161/ 200                 | 32/ 34                          | 2000          | 2900           | 83789 | 82,00   |

### BN Polyamide roller



Rope

|            | Sheave<br>ØB/ ØA<br>(mm) | Ø wire<br>rope min/<br>max (mm) | W.L.L.<br>(t) | Weight<br>(kg) | Code  | Price € |
|------------|--------------------------|---------------------------------|---------------|----------------|-------|---------|
| lot de 10  |                          |                                 |               |                |       |         |
| CO25C8PZ   | 25/ 32                   | 6/ 8                            | 63            | 5              | 83609 | 9,00    |
| CO32C10PZ  | 32/ 40                   | 8/ 10                           | 100           | 10             | 83619 | 10,00   |
| CO40C12PZ  | 40/ 50                   | 10/ 12                          | 160           | 20             | 83629 | 13,00   |
| CO44C7PZ   | 44/ 62                   | 5/ 7.5                          | 200           | 30             | 83639 | 39,00   |
| CO61C10PZ  | 61/ 76                   | 8/ 10                           | 300           | 60             | 83649 | 51,00   |
| CO66C8PZ   | 66/ 80                   | 6/ 8                            | 300           | 70             | 83659 | 58,00   |
| CO78C10PZ  | 78/ 100                  | 8/ 10                           | 300           | 90             | 83669 | 111,00  |
| CO78C12PZ  | 78/ 100                  | 10/ 12                          | 300           | 100            | 83679 | 119,00  |
| CO118C12PZ | 118/ 140                 | 10/ 12                          | 300           | 125            | 83689 | 135,00  |

# Palanmatic and sheave axle

## DA and BX series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### DA Palanmatic



|       | W.L.L. (kg) | Nber of rollers | Lifting height (m) | Weight (kg) | Code  | Price € |
|-------|-------------|-----------------|--------------------|-------------|-------|---------|
| D202A | 250         | 3               | 7                  | 1.9         | 80009 | 123,00  |
| D212A |             |                 | 3                  | 1.6         | 80039 | 99,00   |
| D204A | 400         | 5               | 7                  | 2.9         | 80019 | 155,00  |
| D214A |             |                 | 3                  | 2.2         | 80049 | 126,00  |
| D206A | 630         | 7               | 3                  | 3.7         | 80029 | 220,00  |

### BX Sheave axle



|       | Out Ø (mm) | Bush length (mm) | Bush Ø (mm) | Code   | Price € |
|-------|------------|------------------|-------------|--------|---------|
| B060X | 80         | 22.5             | 15          | 105439 | 7,20    |
| B061X | 100        | 29.5             | 22          | 105449 | 8,30    |
| B062X | 160        | 35.5             | 30          | 105459 | 19,70   |
| B063X | 200        | 47.5             | 30          | 105469 | 26,90   |
| B064X | 250        | 55.5             | 52          | 105479 | 49,70   |

# Pulleys Lyon blocks

## DB, DE and DD series , Lyon Blocks DL

### DB Poulistop 2 - Manual return pulley



|                                    | Sheave<br>dgbØ/out<br>Ø (mm)   | Ø rope<br>min/ max<br>(mm) | W.L.L.<br>(kg) | Weight<br>(kg) | Code   | Price € |
|------------------------------------|--------------------------------|----------------------------|----------------|----------------|--------|---------|
| D050B<br>(hook)                    | 150/ 195                       | 18/ 20                     | 50             | 4              | 192319 | 185,00  |
| D051B<br>(fixing<br>bracket)       | 150/ 195                       | 18/ 20                     | 50             | 4              | 192329 | 171,00  |
| DC050B<br>(rope for<br>Poulistop2) | Ø 18 mm                        |                            |                |                | 192339 | 154,00  |
| DP050B<br>(support)                | Length 880 mm<br>Height 450 mm |                            |                | 9              | 192359 | 107,00  |

### DE "contractor's pulley"



|       | Sheave<br>dgbØ/out<br>Ø (mm) | Ø rope<br>min/ max<br>(mm) | W.L.L.<br>(kg) | Weight<br>(kg) | Code  | Price € |
|-------|------------------------------|----------------------------|----------------|----------------|-------|---------|
| D039E | 156/ 200                     | 22/ 30                     | 40             | 1.6            | 80169 | 59,10   |

### DD Simple yoke pulley



|       | Sheave<br>dgbØ/out<br>Ø (mm) | Ø rope<br>min/ max<br>(mm) | W.L.L.<br>(kg) | Weight<br>(kg) | Code  | Price € |
|-------|------------------------------|----------------------------|----------------|----------------|-------|---------|
| D040D | 63/ 80                       | 15/ 17                     | 250            | 0.8            | 80139 | 87,00   |
| D042D | 80/ 100                      | 17/ 19                     | 500            | 1.8            | 80149 | 104,00  |
| D046D | 131/ 160                     | 23/ 25                     | 1000           | 3.4            | 80159 | 165,00  |

### DL Lyon Blocks

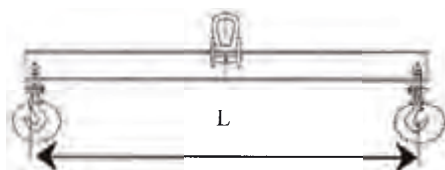


|                                  | Nber of<br>rollers | Sheave<br>dgbØ/out<br>Ø (mm) | Ø rope<br>min/ max<br>(mm) | W.L.L.<br>(kg) | Weight/<br>pair (kg) | Code  | Price € |
|----------------------------------|--------------------|------------------------------|----------------------------|----------------|----------------------|-------|---------|
| packs of 2 units - iron rollers  |                    |                              |                            |                |                      |       |         |
| D083L                            | 2                  | 34/ 40                       | 8/ 10                      | 160            | 0.9                  | 80359 | 94,20   |
| D086L                            | 3                  | 34/ 40                       | 8/ 10                      | 250            | 1.3                  | 80379 | 122,00  |
| D089L                            | 2                  | 42/ 50                       | 10/ 12                     | 320            | 1.8                  | 80399 | 117,00  |
| D092L                            | 3                  | 42/ 50                       | 10/ 12                     | 500            | 2.4                  | 80419 | 151,00  |
| Packs of 2 units - nylon rollers |                    |                              |                            |                |                      |       |         |
| D080L                            | 3                  | 25/ 32                       | 6/ 8                       | 125            | 0.7                  | 80339 | 93,20   |
| D082L                            | 2                  | 32/ 40                       | 8/ 10                      | 160            | 0.9                  | 80349 | 91,10   |
| D085L                            | 3                  | 32/ 40                       | 8/ 10                      | 250            | 1.3                  | 80369 | 95,30   |
| D088L                            | 2                  | 40/ 50                       | 10/ 12                     | 320            | 1.8                  | 80389 | 102,00  |
| D091L                            | 3                  | 40/ 50                       | 10/ 12                     | 500            | 2.4                  | 80409 | 119,00  |

Warning: Not suitable for lifting

# Lifting beams

## Pal Beam PBF fixed single lifting beams



Lifting beams without hooks

Lower hooks  
Swivel hook with safety catch

| W.L.L.<br>(kg) | L useful length<br>(mm) | Ref.    | Code  | Unit Price<br>€HT | Ref.                 | Price/hook<br>€HT |
|----------------|-------------------------|---------|-------|-------------------|----------------------|-------------------|
| 1000           | 1000                    | PBFA1-A | 51338 | 737,00            | C125E<br>code 104999 | 51,00             |
|                | 1001   1500             | PBFA1-B | 51348 | 769,00            |                      |                   |
|                | 1501   1999             | PBFA1-C | 51358 | 876,00            |                      |                   |
|                | 2000                    | PBFA1-D | 51368 | 834,00            |                      |                   |
|                | 2001   2500             | PBFA1-E | 51378 | 882,00            |                      |                   |
|                | 2501   2999             | PBFA1-F | 51388 | 993,00            |                      |                   |
|                | 3000                    | PBFA1-G | 51398 | 941,00            |                      |                   |
|                | 3001   3500             | PBFB1-H | 51408 | 1022,00           |                      |                   |
|                | 3501   3999             | PBFB1-I | 51418 | 1209,00           |                      |                   |
|                | 4000                    | PBFB1-J | 51428 | 1157,00           |                      |                   |
| 2000           | 1000                    | PBFA2-A | 51438 | 795,00            | C126E<br>code 105009 | 60,00             |
|                | 1001   1500             | PBFB2-B | 51448 | 859,00            |                      |                   |
|                | 1501   1999             | PBFB2-C | 51458 | 993,00            |                      |                   |
|                | 2000                    | PBFB2-D | 51468 | 941,00            |                      |                   |
|                | 2001   2500             | PBFB2-E | 51478 | 1022,00           |                      |                   |
|                | 2501   2999             | PBFB2-F | 51488 | 1157,00           |                      |                   |
|                | 3000                    | PBFB2-G | 51498 | 1105,00           |                      |                   |
|                | 3001   3500             | PBFC2-H | 51508 | 1225,00           |                      |                   |
|                | 3501   3999             | PBFC2-I | 51518 | 1454,00           |                      |                   |
|                | 4000                    | PBFC2-J | 51528 | 1401,00           |                      |                   |
| 3000           | 1000                    | PBFB3-A | 51538 | 891,00            | C127E<br>code 105019 | 95,00             |
|                | 1001   1500             | PBFB3-B | 51548 | 954,00            |                      |                   |
|                | 1501   1999             | PBFB3-C | 51558 | 1100,00           |                      |                   |
|                | 2000                    | PBFB3-D | 51568 | 1048,00           |                      |                   |
|                | 2001   2500             | PBFC3-E | 51578 | 1129,00           |                      |                   |
|                | 2501   2999             | PBFC3-F | 51588 | 1310,00           |                      |                   |
|                | 3000                    | PBFC3-G | 51598 | 1258,00           |                      |                   |
|                | 3001   3500             | PBFD3-H | 51608 | 1435,00           |                      |                   |
|                | 3501   3999             | PBFD3-I | 51618 | 1607,00           |                      |                   |
|                | 4000                    | PBFD3-J | 51628 | 1554,00           |                      |                   |
| 4000           | 1000                    | PBFC4-A | 51638 | 1003,00           | C127E<br>code 105019 | 95,00             |
|                | 1001   1500             | PBFC4-B | 51648 | 1077,00           |                      |                   |
|                | 1501   1999             | PBFC4-C | 51658 | 1223,00           |                      |                   |
|                | 2000                    | PBFC4-D | 51668 | 1171,00           |                      |                   |
|                | 2001   2500             | PBFD4-E | 51678 | 1280,00           |                      |                   |
|                | 2501   2999             | PBFD4-F | 51688 | 1519,00           |                      |                   |
|                | 3000                    | PBFD4-G | 51698 | 1467,00           |                      |                   |
|                | 3001   3500             | PBFE4-H | 51708 | 1836,00           |                      |                   |
|                | 3501   3999             | PBFE4-I | 51718 | 2128,00           |                      |                   |
|                | 4000                    | PBFE4-J | 51728 | 2000,00           |                      |                   |
| 5000           | 1000                    | PBFD5-A | 51738 | 1151,00           | C127E<br>code 105019 | 95,00             |
|                | 1001   1500             | PBFD5-B | 51748 | 1231,00           |                      |                   |
|                | 1501   1999             | PBFD5-C | 51758 | 1399,00           |                      |                   |
|                | 2000                    | PBFD5-D | 51768 | 1347,00           |                      |                   |
|                | 2001   2500             | PBFE5-E | 51778 | 1524,00           |                      |                   |
|                | 2501   2999             | PBFE5-F | 51788 | 1845,00           |                      |                   |
|                | 3000                    | PBFE5-G | 51798 | 1793,00           |                      |                   |
|                | 3001   3500             | PBFE5-H | 51808 | 1977,00           |                      |                   |
|                | 3501   3999             | PBFE5-I | 51818 | 2309,00           |                      |                   |
|                | 4000                    | PBFE5-J | 51828 | 2256,00           |                      |                   |

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

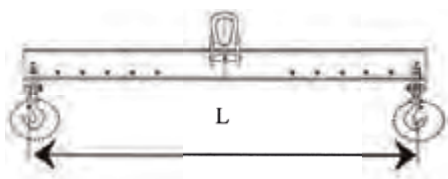
LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

# Lifting beams

## Pal Beam PBM adjustable single lifting beams



### Range of adjustment

L ≤ 1500 mm : adjustment on 300 mm on each side of the upper lifting point (ie 600 mm as total).

L > 1500 mm : adjustment on 500 mm on each side of the upper lifting point (ie 1000 mm as total)

The adjusting increment is 100 mm.

Lifting beams without hooks

Lower hooks  
Swivel hook with safety catch

| W.L.L.<br>(kg) | L useful length<br>(mm) | Ref.    | Code    | Unit Price<br>€HT | Ref.                 | Price/hook<br>€HT |
|----------------|-------------------------|---------|---------|-------------------|----------------------|-------------------|
| 1000           | 1000                    | PBMA1-A | 51838   | 917,00            | C125E<br>code 104999 | 51,00             |
|                | 1001   1500             | PBMA1-B | 51848   | 983,00            |                      |                   |
|                | 1501   1999             | PBMA1-C | 51858   | 1097,00           |                      |                   |
|                | 2000                    | PBMA1-D | 51868   | 1044,00           |                      |                   |
|                | 2001   2500             | PBMA1-E | 51878   | 1103,00           |                      |                   |
|                | 2501   2999             | PBMA1-F | 51888   | 1225,00           |                      |                   |
|                | 3000                    | PBMA1-G | 51898   | 1173,00           |                      |                   |
|                | 3001   3500             | PBMB1-H | 51908   | 1355,00           |                      |                   |
|                | 3501   3999             | PBMB1-I | 51918   | 1487,00           |                      |                   |
| 4000           | PBMB1-J                 | 51928   | 1435,00 |                   |                      |                   |
| 2000           | 1000                    | PBMA2-A | 51938   | 996,00            | C126E<br>code 105009 | 60,00             |
|                | 1001   1500             | PBMB2-B | 51948   | 1060,00           |                      |                   |
|                | 1501   1999             | PBMB2-C | 51958   | 1229,00           |                      |                   |
|                | 2000                    | PBMB2-D | 51968   | 1177,00           |                      |                   |
|                | 2001   2500             | PBMB2-E | 51978   | 1252,00           |                      |                   |
|                | 2501   2999             | PBMB2-F | 51988   | 1446,00           |                      |                   |
|                | 3000                    | PBMB2-G | 51998   | 1394,00           |                      |                   |
|                | 3001   3500             | PBMC2-H | 52008   | 1520,00           |                      |                   |
|                | 3501   3999             | PBMC2-I | 52018   | 1803,00           |                      |                   |
| 4000           | PBMC2-J                 | 52028   | 1751,00 |                   |                      |                   |
| 3000           | 1000                    | PBMB3-A | 52038   | 1111,00           | C127E<br>code 105019 | 95,00             |
|                | 1001   1500             | PBMB3-B | 52048   | 1193,00           |                      |                   |
|                | 1501   1999             | PBMB3-C | 52058   | 1365,00           |                      |                   |
|                | 2000                    | PBMB3-D | 52068   | 1313,00           |                      |                   |
|                | 2001   2500             | PBMC3-E | 52078   | 1394,00           |                      |                   |
|                | 2501   2999             | PBMC3-F | 52088   | 1618,00           |                      |                   |
|                | 3000                    | PBMC3-G | 52098   | 1563,00           |                      |                   |
|                | 3001   3500             | PBMD3-H | 52108   | 1704,00           |                      |                   |
|                | 3501   3999             | PBMD3-I | 52118   | 1980,00           |                      |                   |
| 4000           | PBMD3-J                 | 52128   | 1928,00 |                   |                      |                   |
| 4000           | 1000                    | PBMC4-A | 52138   | 1260,00           | C127E<br>code 105019 | 95,00             |
|                | 1001   1500             | PBMC4-B | 52148   | 1335,00           |                      |                   |
|                | 1501   1999             | PBMC4-C | 52158   | 1510,00           |                      |                   |
|                | 2000                    | PBMC4-D | 52168   | 1458,00           |                      |                   |
|                | 2001   2500             | PBMD4-E | 52178   | 1598,00           |                      |                   |
|                | 2501   2999             | PBMD4-F | 52188   | 1886,00           |                      |                   |
|                | 3000                    | PBMD4-G | 52198   | 1834,00           |                      |                   |
|                | 3001   3500             | PBME4-H | 52208   | 2018,00           |                      |                   |
|                | 3501   3999             | PBME4-I | 52218   | 2400,00           |                      |                   |
| 4000           | PBME4-J                 | 52228   | 2348,00 |                   |                      |                   |
| 5000           | 1000                    | PBMD5-A | 52238   | 1441,00           | C127E<br>code 105019 | 95,00             |
|                | 1001   1500             | PBMD5-B | 52248   | 1508,00           |                      |                   |
|                | 1501   1999             | PBMD5-C | 52258   | 1720,00           |                      |                   |
|                | 2000                    | PBMD5-D | 52268   | 1668,00           |                      |                   |
|                | 2001   2500             | PBME5-E | 52278   | 1880,00           |                      |                   |
|                | 2501   2999             | PBME5-F | 52288   | 2296,00           |                      |                   |
|                | 3000                    | PBME5-G | 52298   | 2244,00           |                      |                   |
|                | 3001   3500             | PBME5-H | 52308   | 2451,00           |                      |                   |
|                | 3501   3999             | PBME5-I | 52318   | 2880,00           |                      |                   |
| 4000           | PBME5-J                 | 52328   | 2828,00 |                   |                      |                   |

\* Swivel hook with safety catch



## Price list for TOPAL™ assembly kits

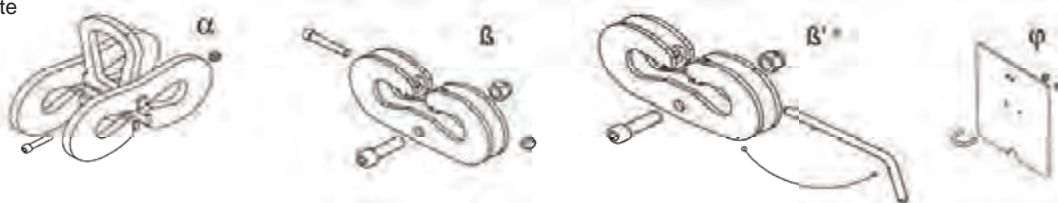
### STANDARDIZED HOOKING FOR MAKING LIFTING BEAMS FROM STANDARD PROFILES

To reduce transport costs, simply order kits of the components and have the support manufactured locally. Contact us for details.

| W.L.L.<br>(kg) | FIXED                   |      |      |       |                   | ADJUSTABLES             |      |      |       |                   |
|----------------|-------------------------|------|------|-------|-------------------|-------------------------|------|------|-------|-------------------|
|                | L useful length<br>(mm) |      | Ref. | Code  | Price/ kit<br>€HT | L useful length<br>(mm) |      | Ref. | Code  | Price/ kit<br>€HT |
| 1000           | 1000                    | 3000 | PBFA | 52378 | 510,00            | 1000                    | 3000 | PBMA | 52508 | 545,00            |
|                | 3001                    | 4000 | PBFB | 52388 | 601,00            | 3001                    | 4000 | PBMB | 52518 | 655,00            |
| 2000           | 1000                    |      | PBFA | 52378 | 510,00            | 1000                    |      | PBMA | 52508 | 545,00            |
|                | 1001                    | 3000 | PBFB | 52388 | 601,00            | 1001                    | 3000 | PBMB | 52518 | 655,00            |
|                | 3001                    | 4000 | PBFC | 52418 | 785,00            | 3001                    | 4000 | PBMC | 52548 | 835,00            |
| 3000           | 1000                    | 2000 | PBFB | 52388 | 601,00            | 1000                    | 2000 | PBMB | 52518 | 655,00            |
|                | 2001                    | 3000 | PBFC | 52418 | 786,00            | 2001                    | 3000 | PBMC | 52548 | 835,00            |
|                | 3001                    | 4000 | PBFD | 52448 | 902,00            | 3001                    | 4000 | PBMD | 52578 | 964,00            |
| 4000           | 1000                    | 2000 | PBFC | 52418 | 786,00            | 1000                    | 2000 | PBMC | 52548 | 834,00            |
|                | 2001                    | 3000 | PBFD | 52448 | 902,00            | 2001                    | 3000 | PBMD | 52578 | 964,00            |
|                | 3001                    | 4000 | PBFE | 52478 | 1080,00           | 3001                    | 4000 | PBME | 52608 | 1178,00           |
| 5000           | 1000                    | 2000 | PBFD | 52448 | 902,00            | 1000                    | 2000 | PBMD | 52578 | 964,00            |
|                | 2001                    | 4000 | PBFE | 52478 | 1079,00           | 2001                    | 4000 | PBME | 52608 | 1177,00           |

Kit composition for fixed or adjustable single lifting beams, excluding profil and lower hooks:

- 1 upper hooking point (A)
- 2 lower pivots\* (B: for fixed lifting beams ; C: for adjustable lifting beams)
- 2 end plates (D)
- Screws and bolts
- 1 marking plate
- Stickers



#### N.B.

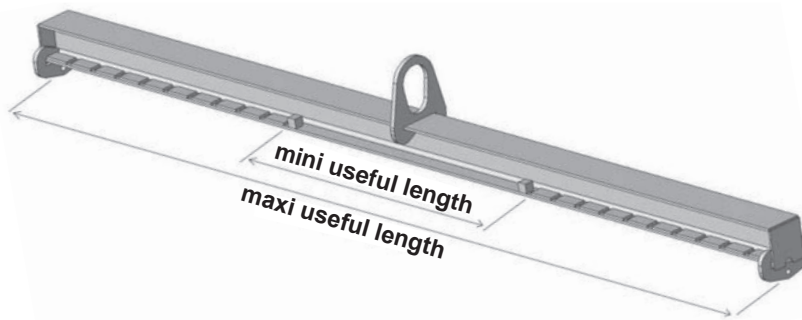
You may complete this kit by ordering swivel lower hooks - see previous page; in such a case, do not forget to add the order line corresponding to the accessories.

The order for a kit for assembling an adjustable single lifting beam WLL 2 t / L 1000 mm and swivel lower hooks will be placed as follows: Please follow the example below to order a kit pal-beam™.

1 PBMA + 2 CRE 1.6.

# Lifting beams

## PEM Adjustable single lifting



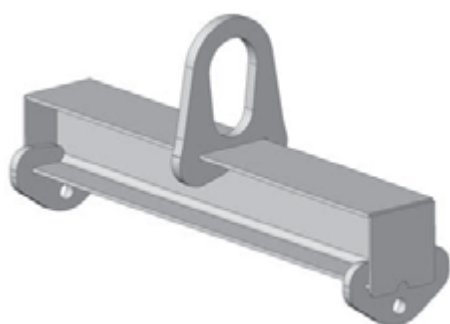
| W.L.L.<br>(kg) | Max useful<br>length<br>(mm) | Min useful<br>length<br>(mm) | Weight<br>(kg) | Ref.      | Code  | Unit Price<br>€ | lower shackles*         |                        | lower hooks**           |                     |
|----------------|------------------------------|------------------------------|----------------|-----------|-------|-----------------|-------------------------|------------------------|-------------------------|---------------------|
|                |                              |                              |                |           |       |                 | Ref.                    | Price/<br>shackle<br>€ | Ref.                    | Price/<br>hook<br>€ |
| 1000           | 1000                         | 400                          | 26             | PEM1-1000 | 82308 | 507,00          | C036H<br>code<br>105599 | 27,00                  | C120E<br>code<br>104979 | 43,00               |
|                | 2000                         | 1000                         | 43             | PEM1-2000 | 82318 | 667,00          |                         |                        |                         |                     |
|                | 3000                         | 1000                         | 59             | PEM1-3000 | 82328 | 763,00          |                         |                        |                         |                     |
|                | 4000                         | 2000                         | 93             | PEM1-4000 | 82338 | 910,00          |                         |                        |                         |                     |
|                | 5000                         | 2000                         | 167            | PEM1-5000 | 82348 | 1181,00         |                         |                        |                         |                     |
| 2000           | 1000                         | 400                          | 26             | PEM2-1000 | 82358 | 607,00          | C037H<br>code<br>105609 | 39,00                  | C125E<br>code<br>104999 | 51,00               |
|                | 2000                         | 1000                         | 53             | PEM2-2000 | 82368 | 699,00          |                         |                        |                         |                     |
|                | 3000                         | 1000                         | 106            | PEM2-3000 | 82378 | 860,00          |                         |                        |                         |                     |
|                | 4000                         | 2000                         | 137            | PEM2-4000 | 82388 | 1055,00         |                         |                        |                         |                     |
|                | 5000                         | 2000                         | 198            | PEM2-5000 | 82398 | 1345,00         |                         |                        |                         |                     |
| 3000           | 1000                         | 400                          | 33             | PEM3-1000 | 82408 | 664,00          | C039H<br>code<br>105589 | 58,00                  | C126E<br>code<br>105009 | 60,00               |
|                | 2000                         | 1000                         | 83             | PEM3-2000 | 82418 | 758,00          |                         |                        |                         |                     |
|                | 3000                         | 1000                         | 113            | PEM3-3000 | 82428 | 1101,00         |                         |                        |                         |                     |
|                | 4000                         | 2000                         | 162            | PEM3-4000 | 82438 | 1338,00         |                         |                        |                         |                     |
|                | 5000                         | 2000                         | 240            | PEM3-5000 | 82448 | 1648,00         |                         |                        |                         |                     |
| 4000           | 1000                         | 400                          | 52             | PEM4-1000 | 82458 | 778,00          | C039H<br>code<br>105589 | 58,00                  | C127E<br>code<br>105019 | 95,00               |
|                | 2000                         | 1000                         | 83             | PEM4-2000 | 82468 | 924,00          |                         |                        |                         |                     |
|                | 3000                         | 1000                         | 140            | PEM4-3000 | 82478 | 1275,00         |                         |                        |                         |                     |
|                | 4000                         | 2000                         | 197            | PEM4-4000 | 82488 | 1524,00         |                         |                        |                         |                     |
|                | 5000                         | 2000                         | 295            | PEM4-5000 | 82498 | 1922,00         |                         |                        |                         |                     |
| 5000           | 1000                         | 400                          | 68             | PEM5-1000 | 82508 | 848,00          | C040H<br>code<br>105619 | 69,00                  | C128E<br>code<br>105029 | 109,00              |
|                | 2000                         | 1000                         | 104            | PEM5-2000 | 82518 | 1091,00         |                         |                        |                         |                     |
|                | 3000                         | 1000                         | 165            | PEM5-3000 | 82528 | 1476,00         |                         |                        |                         |                     |
|                | 4000                         | 2000                         | 244            | PEM5-4000 | 82538 | 1656,00         |                         |                        |                         |                     |
|                | 5000                         | 2000                         | 348            | PEM5-5000 | 82548 | 2197,00         |                         |                        |                         |                     |
| 6000           | 1000                         | 400                          | 69             | PEM6-1000 | 82558 | 890,00          | C040H<br>code<br>105619 | 69,00                  | C128E<br>code<br>105029 | 109,00              |
|                | 2000                         | 1000                         | 123            | PEM6-2000 | 82568 | 1189,00         |                         |                        |                         |                     |
|                | 3000                         | 1000                         | 194            | PEM6-3000 | 82578 | 1544,00         |                         |                        |                         |                     |
|                | 4000                         | 2000                         | 288            | PEM6-4000 | 82588 | 1862,00         |                         |                        |                         |                     |
|                | 5000                         | 2000                         | 392            | PEM6-5000 | 82598 | 2334,00         |                         |                        |                         |                     |

\* Shackles and swivel hooks with safety catch available on stock.

\*\* The shackles are essential for the assembly of hooks on the lower points of the lifting beam.

# Lifting beams

## PEF fixed single lifting beam



| W.L.L.<br>(kg) | Useful length<br>(mm) | Weight<br>(kg) | Ref.      | Code  | Unit Price<br>€ | lower shackles*         |                        | lower hooks**           |                     |
|----------------|-----------------------|----------------|-----------|-------|-----------------|-------------------------|------------------------|-------------------------|---------------------|
|                |                       |                |           |       |                 | Ref.                    | Price/<br>shackle<br>€ | Ref.                    | Price/<br>hook<br>€ |
| 1000           | 1000                  | 26             | PEF1-1000 | 82008 | 363,00          | CO36H<br>code<br>105599 | 27,00                  | C120E<br>code<br>104979 | 43,00               |
|                | 2000                  | 43             | PEF1-2000 | 82018 | 458,00          |                         |                        |                         |                     |
|                | 3000                  | 59             | PEF1-3000 | 82028 | 507,00          |                         |                        |                         |                     |
|                | 4000                  | 93             | PEF1-4000 | 82038 | 669,00          |                         |                        |                         |                     |
|                | 5000                  | 167            | PEF1-5000 | 82048 | 916,00          |                         |                        |                         |                     |
| 2000           | 1000                  | 26             | PEF2-1000 | 82058 | 418,00          | C037H<br>code<br>105609 | 39,00                  | C125E<br>code<br>104999 | 51,00               |
|                | 2000                  | 53             | PEF2-2000 | 82068 | 483,00          |                         |                        |                         |                     |
|                | 3000                  | 106            | PEF2-3000 | 82078 | 651,00          |                         |                        |                         |                     |
|                | 4000                  | 137            | PEF2-4000 | 82088 | 864,00          |                         |                        |                         |                     |
|                | 5000                  | 198            | PEF2-5000 | 82098 | 1017,00         |                         |                        |                         |                     |
| 3000           | 1000                  | 33             | PEF3-1000 | 82108 | 466,00          | C037H<br>code<br>105609 | 39,00                  | C125E<br>code<br>104999 | 51,00               |
|                | 2000                  | 83             | PEF3-2000 | 82118 | 588,00          |                         |                        |                         |                     |
|                | 3000                  | 113            | PEF3-3000 | 82128 | 812,00          |                         |                        |                         |                     |
|                | 4000                  | 162            | PEF3-4000 | 82138 | 1002,00         |                         |                        |                         |                     |
|                | 5000                  | 240            | PEF3-5000 | 82148 | 1403,00         |                         |                        |                         |                     |
| 4000           | 1000                  | 52             | PEF4-1000 | 82158 | 501,00          | C039H<br>code<br>105589 | 58,00                  | C127E<br>code<br>105019 | 95,00               |
|                | 2000                  | 83             | PEF4-2000 | 82168 | 740,00          |                         |                        |                         |                     |
|                | 3000                  | 140            | PEF4-3000 | 82178 | 961,00          |                         |                        |                         |                     |
|                | 4000                  | 197            | PEF4-4000 | 82188 | 1172,00         |                         |                        |                         |                     |
|                | 5000                  | 295            | PEF4-5000 | 82198 | 1692,00         |                         |                        |                         |                     |
| 5000           | 1000                  | 68             | PEF5-1000 | 82208 | 530,00          | C039H<br>code<br>105589 | 58,00                  | C127E<br>code<br>105019 | 95,00               |
|                | 2000                  | 104            | PEF5-2000 | 82218 | 886,00          |                         |                        |                         |                     |
|                | 3000                  | 165            | PEF5-3000 | 82228 | 1151,00         |                         |                        |                         |                     |
|                | 4000                  | 244            | PEF5-4000 | 82238 | 1431,00         |                         |                        |                         |                     |
|                | 5000                  | 348            | PEF5-5000 | 82248 | 1829,00         |                         |                        |                         |                     |
| 6000           | 1000                  | 69             | PEF6-1000 | 82258 | 573,00          | C040H<br>code<br>105619 | 79,00                  | C128E<br>code<br>105029 | 109,00              |
|                | 2000                  | 123            | PEF6-2000 | 82268 | 878,00          |                         |                        |                         |                     |
|                | 3000                  | 194            | PEF6-3000 | 82278 | 1275,00         |                         |                        |                         |                     |
|                | 4000                  | 288            | PEF6-4000 | 82288 | 1567,00         |                         |                        |                         |                     |
|                | 5000                  | 392            | PEF6-5000 | 82298 | 2032,00         |                         |                        |                         |                     |

\* Shackles and swivel hooks with safety catch available on stock.

\*\* The shackles are essential for the assembly of hooks on the lower points of the lifting beam.

HAND OPERATED LIFTING  
AND PULLING EQUIPMENT

MOTORISED LIFTING AND  
PULLING EQUIPMENT

ANCHOR POINT  
STRUCTURE

LOAD  
ARRESTORS

PULLEYS AND  
SHEAVES

LIFTING  
BEAMS

CLAMPS

FLOOR HANDLING  
EQUIPMENT

# Clamps, C-hooks and Hooks

## AH, BX, CC, CR and F series

### AH Automatic hook



|         | W.L.L. (kg) | Grip (mm) | Code   | Unit Price € |
|---------|-------------|-----------|--------|--------------|
| AH2-32  | 2 000       | 38        | 185278 | 510,00       |
| AH5-40  | 5 000       | 47.5      | 185288 | 816,00       |
| AH10-40 | 10 000      | 55        | 185298 | 1122,00      |

### BX Kerbstone clamps



BX200



BX12

|                                             | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|---------------------------------------------|-------------|-----------|-------|--------------|
| BX200*                                      | 200         | 1000      | 54788 | 498,00       |
| BX12 1000                                   | 120         | 1000      | 54008 | 256,00       |
| BX01D 1000                                  | 100         | 1000      | 50018 | 471,00       |
| BX02 120-300                                | 200         | 120-300   | 50028 | 384,00       |
| <b>2-legged chain sling for BX12 clamps</b> |             |           |       |              |
| BXE1                                        | 120         | L: 660 mm | 54018 | 130,00       |
| <b>2-legged chain sling for BX02 clamps</b> |             |           |       |              |
| BXE2                                        | 200         | L: 290 mm | 54038 | 119,00       |

\* BX 200: including 2-legged chain sling



BX01D



BX02

### CC Container lugs - Use in 4s



|          | W.L.L. (kg) | Pulling   | Code  | Unit Price € |
|----------|-------------|-----------|-------|--------------|
| CC7.5 V  | 7500        | vertical  | 50038 | 207,00       |
| CC12.5 V | 12500       | vertical  | 50048 | 259,00       |
| CC7.5 B  | 7500        | slantwise | 50058 | 207,00       |
| CC12.5 B | 12500       | slantwise | 50068 | 259,00       |

### CR C-hook for lifting and turning coils



|             | W.L.L. (kg) | Coil width (mm) | Code  | Unit Price € |
|-------------|-------------|-----------------|-------|--------------|
| CR05 50-120 | 500         | 50-120          | 50078 | 573,00       |
| CR1 70-140  | 1000        | 70-140          | 50088 | 653,00       |
| CR2 100-200 | 2000        | 100-200         | 50098 | 886,00       |
| CR2 160-330 | 2000        | 160-330         | 50108 | 1144,00      |

### F Pipe hooks - Use in pairs



|                  | W.L.L./ hook (kg) | Grip (mm) | Code   | Unit Price € |
|------------------|-------------------|-----------|--------|--------------|
| F2 0-60/II       | 1000              | 0-60      | 189028 | 92,00        |
| F2 0-60/IIPVC    | 1000              | 0-60      | 185968 | 153,00       |
| F5 0-75/II       | 2500              | 0-75      | 189038 | 161,00       |
| F5 0-75/IIPVC    | 2500              | 0-75      | 185978 | 236,00       |
| F7,5 0-100/II    | 3750              | 0-100     | 185958 | 190,00       |
| F7,5 0-100/IIPVC | 3750              | 0-100     | 185988 | 279,00       |
| F10 0-100/II     | 5000              | 0-100     | 189048 | 301,00       |
| F10 0-100/IIPVC  | 5000              | 0-100     | 185998 | 422,00       |
| F15 0-100/II     | 7500              | 0-100     | 189058 | 387,00       |
| F15 0-100/IIPVC  | 7500              | 0-100     | 189008 | 581,00       |

*N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.*

# Clamps including beam clamps

## GP, HF, KP, KSA and KS series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

### GP Beam clamps



|              | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|--------------|-------------|-----------|-------|--------------|
| GP1 60-180   | 1000        | 60-180    | 50158 | 279,00       |
| GP2 60-200   | 2000        | 60-200    | 50168 | 323,00       |
| GP3 60-300   | 3000        | 60-300    | 50178 | 383,00       |
| GP5 100-390  | 5000        | 100-390   | 50188 | 505,00       |
| GP10 100-390 | 10000       | 100-390   | 50198 | 957,00       |

MOTORISED LIFTING AND PULLING EQUIPMENT

### HF Semi-automatic clamps for horizontal steel drum lif-



|              | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|--------------|-------------|-----------|-------|--------------|
| HF05 440-920 | 500         | 440-920   | 50208 | 273,00       |

ANCHOR POINT STRUCTURE

### KP Semi-automatic girder clamps



|          | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|----------|-------------|-----------|-------|--------------|
| KP1 0-20 | 1500        | 0-20      | 50218 | 786,00       |
| KP2 0-30 | 3000        | 0-30      | 50228 | 1062,00      |

LOAD ARRESTORS

### KSA Plate clamps with ring



|             | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|-------------|-------------|-----------|-------|--------------|
| KSA075 0-15 | 750         | 0-15      | 54768 | 170,00       |
| KSA1 0-20   | 1000        | 0-20      | 54778 | 210,00       |

PULLEYS AND SHEAVES

### KS Multiposition plate clamps



|            | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|------------|-------------|-----------|-------|--------------|
| KS075 0-15 | 750         | 0-15      | 50238 | 251,00       |
| KS1 0-20   | 1000        | 0-20      | 50248 | 319,00       |
| KS2 0-25   | 2000        | 0-25      | 50258 | 380,00       |
| KS3 0-30   | 3000        | 0-30      | 50268 | 640,00       |

LIFTING BEAMS

CLAMPS

**N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.**

FLOOR HANDLING EQUIPMENT

# Lever, permanent magnets and clamps

## LT, magfor and NK series

### LT Knocking lever for separating plates



|         | Length (mm) | Code  | Unit Price € |
|---------|-------------|-------|--------------|
| LT1-830 | 830         | 50278 | 733,00       |

### magfor Permanent lifting magnets



magfor and magfor II: standard permanent lifting magnets.

magfor II HO: embeddable magnets

magfor II TP: thin plate magnets

magfor II HT: high temperature magnet.

|                   | W.L.L. on a plate (kg) | W.L.L. on a round (kg) | Weight (kg) | Code    | Unit Price € |
|-------------------|------------------------|------------------------|-------------|---------|--------------|
| magfor II 100     | 100                    | 50                     | 3-4         | 185438  | 370,00       |
| magfor II 100 HO  |                        |                        |             | 185508  | 421,00       |
| magfor II 180 TP  | 180                    | /                      | 9-12        | 185528  | 804,00       |
| magfor II 200 HT  | 200                    | 100                    |             | 185518  | 1086,00      |
| magfor II 300     | 300                    | 125                    |             | 185448  | 561,00       |
| magfor II 300 HO  |                        |                        |             | 185538  | 625,00       |
| magfor II 300 TP  |                        | /                      | 15-20       | 185558  | 1033,00      |
| magfor II 400 HT  | 400                    | 200                    |             | 185548  | 1416,00      |
| magfor II 500     | 500                    | 215                    |             | 185458  | 805,00       |
| magfor II 500 HO  |                        |                        | 185568      | 898,00  |              |
| magfor II 800 HT  | 800                    | 400                    | 32-40       | 185578  | 2273,00      |
| magfor II 1000    | 1000                   | 450                    |             | 185468  | 1326,00      |
| magfor II 1000 HO |                        |                        | 185588      | 1543,00 |              |
| magfor II 2000    | 2000                   | 800                    | 80-95       | 185478  | 2550,00      |
| magfor 3000       | 3000                   | 1200                   | 190         | 54668   | 3749,00      |
| magfor 5000       | 5000                   | 2400                   | 400         | 54678   | 5406,00      |

### NK Multiposition self-locking plate clamps



**AUTOMATIC CLAMPING**

|             | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|-------------|-------------|-----------|-------|--------------|
| NK1 0-20    | 1500        | 0-20      | 50288 | 580,00       |
| NK1 20-40   | 1500        | 20-40     | 50298 | 822,00       |
| NK1 40-60   | 1500        | 40-60     | 50308 | 861,00       |
| NK2 0-30    | 3000        | 0-30      | 50318 | 890,00       |
| NK2 30-60   | 3000        | 30-60     | 50328 | 1157,00      |
| NK2 60-90   | 3000        | 60-90     | 50338 | 1232,00      |
| NK3 0-40    | 4500        | 0-40      | 50348 | 1497,00      |
| NK3 40-80   | 4500        | 40-80     | 50358 | 1629,00      |
| NK3 80-120  | 4500        | 80-120    | 50368 | 2342,00      |
| NK5 0-50    | 7500        | 0-50      | 50378 | 3351,00      |
| NK5 50-100  | 7500        | 50-100    | 50388 | 3583,00      |
| NK5 100-150 | 7500        | 100-150   | 50398 | 3753,00      |

*N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.*

# Clamps and brackets for fork lift trucks

## NX, PB and PC series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### NX Multiposition self-locking plate clamps for very hard or sensitive loads



**AUTOMATIC CLAMPING**

|            | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|------------|-------------|-----------|-------|--------------|
| NX05 0-20  | 500         | 0-20      | 50408 | 759,00       |
| NX1.5 0-30 | 1500        | 0-30      | 50418 | 964,00       |

| Models with adjustable opening |     |        |       |         |
|--------------------------------|-----|--------|-------|---------|
| NXR05 0-100                    | 500 | 0-100  | 50428 | 1029,00 |
| NXR05 20-120                   | 500 | 20-120 | 50438 | 1179,00 |
| NXR05 40-140                   | 500 | 40-140 | 50448 | 1222,00 |

### PB Clamps for lifting loads with parallel sides



**AUTOMATIC LAYING DOWN**

|              | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|--------------|-------------|-----------|-------|--------------|
| PB05 0-100   | 500         | 0-100     | 50458 | 540,00       |
| PB05 100-250 | 500         | 100-250   | 50468 | 603,00       |
| PB05 200-500 | 500         | 200-500   | 50478 | 811,00       |
| PB1 0-200    | 1000        | 0-200     | 50488 | 1068,00      |
| PB1 200-500  | 1000        | 200-500   | 50498 | 1585,00      |
| PB1 500-800  | 1000        | 500-800   | 50508 | 2504,00      |
| PB1 700-1000 | 1000        | 700-1000  | 50518 | 2592,00      |
| PB3 200-500  | 3000        | 200-500   | 88368 | 3892,00      |
| PB3 500-800  | 3000        | 500-800   | 88378 | 4893,00      |

### PC Lifting hook adaptor bracket for fork lift trucks



|           | W.L.L. (kg)         | Maximum fork width (mm) | Code   | Unit Price € |
|-----------|---------------------|-------------------------|--------|--------------|
| PC1.5 120 | 1500                | 120                     | 50528  | 456,00       |
| PC3 170   | 3000                | 170                     | 50538  | 564,00       |
| C125E     | Swivel hook 1500 kg |                         | 104999 | 51,00        |
| C127E     | Swivel hook 3200 kg |                         | 105019 | 95,00        |

**N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.**

\* Special clamps, On request

# Clamps and Hooks

## PL, PP, PR and QR series

### PL Girder clamps



**AUTOMATIC LAYING DOWN**

|             | W.L.L. (kg) | Grip (mm)             |                    |      | Code   | Unit Price € |
|-------------|-------------|-----------------------|--------------------|------|--------|--------------|
|             |             | mini on girder flange | mini on girder web | maxi |        |              |
| PL1 95-200  | 1000        | 95                    | 46                 | 200  | 185328 | 290,00       |
| PL2 120-300 | 2000        | 120                   | 55                 | 300  | 185338 | 420,00       |
| PL3 180-450 | 3000        | 180                   | 64                 | 450* | 185348 | 764,00       |
| PL4 120-300 | 4000        | 120                   | 55                 | 300  | 185358 | 772,00       |

\* clamp with max. opening

### PP Adjustable clamp for lifting loads with parallel sides



|              | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|--------------|-------------|-----------|-------|--------------|
| PP1 200-1000 | 1000        | 200-1000  | 50608 | 1947,00      |

### PR Girder clamps



**AUTOMATIC LAYING DOWN**

|            | W.L.L. (kg) | Grip (mm) | Code   | Unit Price € |
|------------|-------------|-----------|--------|--------------|
| PR1 20-40  | 1000        | 20-40     | 185308 | 289,00       |
| PR2 40-80  | 2000        | 40-80     | 185318 | 453,00       |
| PR2A 40-80 | 2000        | 40-80     | 185428 | 737,00       |

with the clamp PR2A grip and laying down automatic.tique.

### QR Double hooks for horizontal plates



|            | W.L.L./hook (kg) | Grip (mm) | Code  | Unit Price € |
|------------|------------------|-----------|-------|--------------|
| QR3 0-300  | 1500             | 0-300     | 50648 | 822,00       |
| QR6 0-300  | 3000             | 0-300     | 50658 | 1104,00      |
| QR12 0-300 | 6000             | 0-300     | 50668 | 1455,00      |

Slings not included

**N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.**

\* Special clamps, On request



# Hooks and clamps

## QS, QX, RB and RT series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### QS Single hooks for horizontal plates - use in 4s



|             | W.L.L./hook (kg) | Grip (mm) | Code  | Unit Price € |
|-------------|------------------|-----------|-------|--------------|
| QS1.5 0-300 | 750              | 0-300     | 50678 | 430,00       |
| QS3 0-300   | 1500             | 0-300     | 50688 | 531,00       |
| QS6 0-300   | 3000             | 0-300     | 50698 | 617,00       |

Slings not included

### QX Double hooks for separating and lifting horizontal plates



|          | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|----------|-------------|-----------|-------|--------------|
| QX10-120 | 5000        | 120       | 50708 | 1261,00      |
| QX10-210 | 5000        | 210       | 50718 | 1719,00      |

Slings not included

### RB Manhole hooks - use in 3s



|                                                          | W.L.L./hook (kg) | Opening (mm) | Code  | Unit Price € |
|----------------------------------------------------------|------------------|--------------|-------|--------------|
| Hook RB1.5 40-110                                        | 500              | 40-110       | 50728 | 182,00       |
| <b>3-legged chain sling for set of RB1.5 hooks</b>       |                  |              |       |              |
| RBE 1500                                                 | 1500             | L:1500 mm    | 50738 | 134,00       |
| <b>2-legged chain sling for pair of RB1.5 hooks</b>      |                  |              |       |              |
| RBE 1                                                    | 1000             | L:1500 mm    | 52468 | 113,00       |
| <b>Set of 3 RB Hooks including 3-legged chain sling</b>  |                  |              |       |              |
| RB 1.5-E-3                                               | 1500             | L:1500 mm    | 54068 | 653,00       |
| <b>Pair of 3 RB Hooks including 2-legged chain sling</b> |                  |              |       |              |
| RB 1.5-E-2                                               | 1000             | L:1500 mm    | 54078 | 432,00       |

For manholes: 600 to 200 mm

### RT Round bar and pipe clamps



**AUTOMATIC LAYING DOWN**

|             | W.L.L. (kg) | Grip (mm) | Code   | Unit Price € |
|-------------|-------------|-----------|--------|--------------|
| RT05 50-100 | 500         | 50-100    | 185368 | 290,00       |
| RT1 100-200 | 1000        | 100-200   | 185378 | 355,00       |
| RT2 200-350 | 2000        | 200-350   | 185388 | 800,00       |
| RT3 250-450 | 3000        | 250-450   | 185398 | 1423,00      |

***N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.***

# Lifting beams, hooks and load positioners

## SCX, TB, TC and TE series

### SCX Lifting beams for cone-shaped concrete manholes



|                                              | W.L.L. (kg) | Opening (mm) | Code  | Unit Price € |
|----------------------------------------------|-------------|--------------|-------|--------------|
| CX 1*                                        | 1000        | 700          | 52628 | 575,00       |
| SCX 1                                        | 1000        | 700          | 50788 | 982,00       |
| 2-legged chain sling for SCX 1 lifting beams |             |              |       |              |
| SCXE                                         | 1000        | L = 490 mm   | 52618 | 139,00       |

X 1: Chain sling 2 falls include

### TB Pipe hooks - Use in pairs



|           | W.L.L./hook (kg) | Grip (mm) | Code  | Unit Price € |
|-----------|------------------|-----------|-------|--------------|
| TB1 0-150 | 500              | 0-150     | 50798 | 139,00       |
| TB2 0-200 | 1000             | 0-200     | 50808 | 217,00       |
| TB3 0-250 | 1500             | 0-250     | 50818 | 343,00       |

### TC Load positioners for rope sling



|        | W.L.L. to 45° (kg) | Ø wire rope (mm) | Code  | Unit Price € |
|--------|--------------------|------------------|-------|--------------|
| TC2 11 | 2000               | 11               | 50828 | 254,00       |
| TC3 13 | 3000               | 13               | 50838 | 296,00       |
| TC5 18 | 5000               | 18               | 50848 | 506,00       |

### TE Automatic self-locking load positioners for chain sling



|       | W.L.L. to 120° (kg) | Ø chain (mm) | Code  | Unit Price € |
|-------|---------------------|--------------|-------|--------------|
| TE1.6 | 1600                | 7            | 50858 | 964,00       |
| TE3   | 3000                | 10           | 50868 | 1367,00      |
| TE4.5 | 4500                | 13           | 50878 | 2154,00      |

*N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.*

# Load positioners and clamps

## TF, TI and TLC series

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

### TF Automatic load positioners for rope stop



|          | W.L.L. to 45° (kg) | Ø wire rope (mm) | Code  | Unit Price € |
|----------|--------------------|------------------|-------|--------------|
| TF1.5 9  | 1500               | 9                | 50888 | 859,00       |
| TF3 13.2 | 3000               | 13.2             | 50898 | 1143,00      |
| TF5 16.8 | 5000               | 16.8             | 50908 | 1882,00      |
| TF10 23  | 10000              | 24               | 50918 | 2627,00      |
| TF20 32  | 20000              | 32               | 50928 | 3064,00      |

### TI Clamps for lifting and/or laying horizontal pipes in trenches



|               | W.L.L. (kg) | Grip (mm) | Code  | Unit Price € |
|---------------|-------------|-----------|-------|--------------|
| TIS05 230-400 | 500         | 230-400   | 50938 | 1246,00      |
| TIA05 230-400 | 500         | 230-400   | 50948 | 1431,00      |
| TIS05 380-650 | 500         | 380-650   | 50958 | 1772,00      |
| TIA05 380-650 | 500         | 380-650   | 50968 | 1883,00      |
| TIS1 450-900  | 1000        | 450-900   | 50978 | 2621,00      |
| TIA1 450-900  | 1000        | 450-900   | 50988 | 2726,00      |

S = automatic laying down

A = automatic clamping - laying down

### TLC Universal clamps for lifting horizontal plates - Use in pairs



|        | W.L.L./clamp (kg) | Grip (mm) | Code  | Unit Price € |
|--------|-------------------|-----------|-------|--------------|
| TLC1   | 500               | 0-150     | 50998 | 656,00       |
| TLC2.5 | 1250              | 0-150     | 51008 | 740,00       |
| TLC4   | 2000              | 0-150     | 51018 | 945,00       |
| TLC6   | 3000              | 0-150     | 51028 | 1071,00      |

Slings not included

**N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.**

# Clamps and Hooks

## TLH, TLR and TO series

### TLH Horizontal plate clamps - Use in pairs



|             | W.L.L./<br>clamp<br>(kg) | Grip<br>(mm) | Code  | Unit Price € |
|-------------|--------------------------|--------------|-------|--------------|
| TLH1 0-60   | 500                      | 0-60         | 51038 | 131,00       |
| TLH1 0-120  | 500                      | 0-120        | 51048 | 215,00       |
| TLH2 0-60   | 1000                     | 0-60         | 51058 | 190,00       |
| TLH2 0-120  | 1000                     | 0-120        | 51068 | 260,00       |
| TLH3 0-60   | 1500                     | 0-60         | 51078 | 258,00       |
| TLH3 0-150  | 1500                     | 0-150        | 51088 | 329,00       |
| TLH4 0-60   | 2000                     | 0-60         | 51098 | 309,00       |
| TLH4 0-150  | 2000                     | 0-150        | 51108 | 435,00       |
| TLH5 0-60   | 2500                     | 0-60         | 51118 | 358,00       |
| TLH5 0-150  | 2500                     | 0-150        | 51128 | 515,00       |
| TLH10 0-60  | 5000                     | 0-60         | 51138 | 592,00       |
| TLH10 0-150 | 5000                     | 0-150        | 51148 | 716,00       |

Slings not included

### TLR Adjustable clamps for horizontal plates - Use in pairs



|             | W.L.L./<br>clamp<br>(kg) | Grip<br>(mm) | Code  | Unit Price € |
|-------------|--------------------------|--------------|-------|--------------|
| TLR2 0-300  | 1000                     | 0-300        | 51158 | 485,00       |
| TLR3 0-300  | 1500                     | 0-300        | 51168 | 583,00       |
| TLR5 0-300  | 2500                     | 0-300        | 51178 | 719,00       |
| TLR10 0-300 | 5000                     | 0-300        | 51188 | 1025,00      |

Slings not included

### TO Universal drum cable hooks - Use in pairs



|      | W.L.L./<br>hook<br>(kg) | Opening<br>(mm) | Code  | Unit Price € |
|------|-------------------------|-----------------|-------|--------------|
| TO13 | 6500                    | 83              | 51198 | 146,00       |

Slings not included

**N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.**

# Clamps

## VDL, VFA and VFB series

### VDL Clamps for lifting steel drums with a rim



|       | W.L.L. (kg) | Ø chain (mm) | Weight (kg) | Code  | Unit Price € |
|-------|-------------|--------------|-------------|-------|--------------|
| VDL-1 | 1000        | 6            | 3.5         | 54398 | 253,00       |

- For lifting steel drums with a rim.
- Vertical or horizontal position.
- Minimum dead weight.
- Manufactured without load bearing welds.
- Hot epoxy coating.
- Minimum maintenance cost.
- Sling chain included.

### VFA Automatic clamps for lifting steel drum vertically



**AUTOMATIC CLAMPING AND LAYING DOWN**

|         | W.L.L. (kg) | Opening (mm) | Code  | Unit Price € |
|---------|-------------|--------------|-------|--------------|
| VFA 025 | 300         | 600 (220 l)  | 51208 | 1068,00      |

### VFB Clamps for lifting and turning over steel drums



**AUTOMATIC CLAMPING AND LAYING DOWN**

|           | W.L.L. (kg) | Opening (mm) | Code  | Unit Price € |
|-----------|-------------|--------------|-------|--------------|
| VFB 03 S  | 300         | 600 (220 l)  | 51218 | 2260,00      |
| VFB 03 A  | 300         | 600 (220 l)  | 51228 | 2425,00      |
| VFB 03 AR | 300         | 600 (220 l)  | 51238 | 3804,00      |

*N.B. Unless otherwise clearly stated, accessories such as slings, hooks etc. are not provided.*

# Clamps and lifting beam for Big-Bag VFR, VLF and XBAG series

## VFR Semi-automatic clamps for lifting steel drums



**AUTOMATIC LAYING DOWN**

|         | W.L.L.<br>(kg) | Opening<br>(mm)    | Code  | Unit Price € |
|---------|----------------|--------------------|-------|--------------|
| VFR05 5 | 500            | 400-500<br>(125 l) | 51248 | 629,00       |
| VFR05 6 | 500            | 500-600<br>(220 l) | 51258 | 673,00       |

## VLF Clamps for lifting steel drums with edges vertically



|           | W.L.L.<br>(kg) | Opening<br>(mm) | Code  | Unit Price € |
|-----------|----------------|-----------------|-------|--------------|
| VLF05 600 | 500            | 600 (220 l)     | 51268 | 303,00       |
| VLF08 600 | 800            | 600 (220 l)     | 51278 | 466,00       |

## XBAG Lifting beams for big-bag



|         | W.L.L.<br>(kg) | Opening<br>(mm) | Code  | Unit Price € |
|---------|----------------|-----------------|-------|--------------|
| XBAG1.5 | 1500           | 880-990         | 54628 | 843,00       |
| XBAG2.5 | 2500           | 880-990         | 54638 | 1104,00      |
| XBAG3.5 | 3500           | 880-990         | 54648 | On request   |

# Weighing truck, skates and trolleys

## pioneer™

HAND OPERATED LIFTING AND PULLING EQUIPMENT

MOTORISED LIFTING AND PULLING EQUIPMENT

ANCHOR POINT STRUCTURE

LOAD ARRESTORS

PULLEYS AND SHEAVES

LIFTING BEAMS

CLAMPS

FLOOR HANDLING EQUIPMENT

| pioneer™ weighing truck |              |                    |                           |                           |           |        |         |
|-------------------------|--------------|--------------------|---------------------------|---------------------------|-----------|--------|---------|
| Model                   | W.L.L. in Kg | Length of forks mm | Minimum lifting height mm | Maximum lifting height mm | Weight kg | Code   | Price € |
| pioneer™                | 2500         | 1550               | 85                        | 200                       | 65        | 251179 | 416,00  |



## pakrol™

### Skate and trolley skate

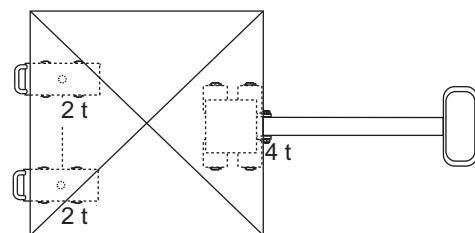
| Skate pakrol™                             |          |        |       |         |
|-------------------------------------------|----------|--------|-------|---------|
| Model                                     | Capacity | Wheels | Code  | Price € |
| P 22                                      | 2 t      | 2*     | 50149 | 84,60   |
| P 44                                      | 4 t      | 4*     | 50159 | 167,00  |
| P 66                                      | 6 t      | 6*     | 50169 | 229,00  |
| Trolley skate pakrol™                     |          |        |       |         |
| Model                                     | Capacity | Wheels | Code  | Price € |
| T 44                                      | 4 t      | 4*     | 50179 | 191,00  |
| T 68                                      | 6 t      | 8*     | 50189 | 509,00  |
| T 88                                      | 8 t      | 8**    | 50199 | 563,00  |
| Option:                                   |          |        |       |         |
| Model                                     |          |        | Code  | Price € |
| Connection bar between skate (l. 1200 mm) |          |        | 74517 | 67,00   |

\* nylon rollers  
\*\* polyurethane rollers



Example: 8 t

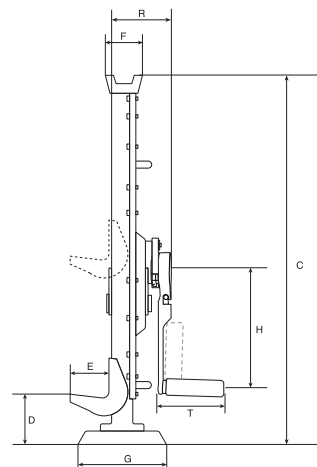
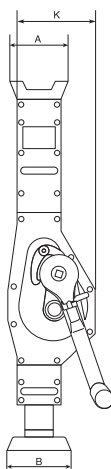
| Load          | 8 t     | 12 t    | 14 t    | 18 t    | 20 t    |
|---------------|---------|---------|---------|---------|---------|
| Trolley skate | 4 t     | 4 t     | 6 t     | 6 t     | 8 t     |
|               | +       | +       | +       | +       | +       |
| Skate         | 2 x 2 t | 2 x 4 t | 2 x 4 t | 2 x 6 t | 2 x 6 t |



# Toe and hydraulic jacks top and hydrofor™

## Spurwheel toe jacks

The crank has a ratchet with neutral position, permitting operation only back and forth.



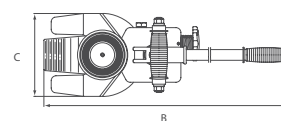
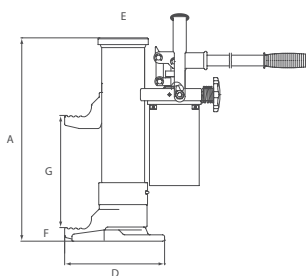
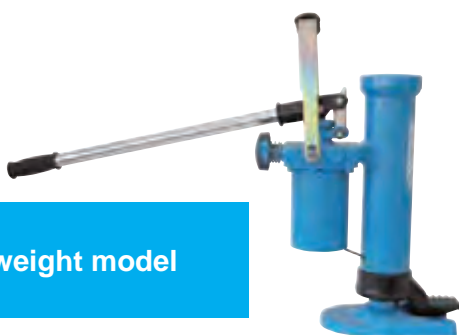
### top spurwheel toe jacks

| Model  | (W.L.L.t)  |           | Lift<br>(mm) | Strength<br>on handle<br>(daN) | Weight<br>kg | Dimensions (mm) |     |           |           |    |    |     |     |     |     | Code | Price € |        |
|--------|------------|-----------|--------------|--------------------------------|--------------|-----------------|-----|-----------|-----------|----|----|-----|-----|-----|-----|------|---------|--------|
|        | On<br>head | On<br>toe |              |                                |              | A               | B   | C<br>mini | D<br>mini | E  | F  | G   | H   | K   | R   |      |         | T      |
| BT 1.5 | 1.5        | 1.5       | 300          | 30                             | 18           | 81              | 100 | 600       | 70        | 55 | 46 | 110 | 225 | 147 | 119 | 113  | 264889  | 220,00 |
| BT 3   | 3          | 3         | 355          | 35                             | 20           | 83              | 130 | 735       | 70        | 60 | 45 | 138 | 249 | 168 | 129 | 130  | 264899  | 298,00 |
| BT 5   | 5          | 5         | 345          | 40                             | 28           | 108             | 140 | 735       | 80        | 71 | 68 | 170 | 249 | 190 | 149 | 130  | 264909  | 365,00 |
| BT 10  | 10         | 10        | 390          | 58                             | 46           | 124             | 140 | 800       | 100       | 86 | 76 | 170 | 300 | 250 | 168 | 239  | 264919  | 504,00 |

## hydrofor™

## Hydraulic jacks

Lightweight model



### hydrofor™ hydraulic jacks

| Model | Capacity Head<br>and toe tons | Travel<br>toe<br>mm | Travel<br>Head<br>mm | Weight<br>kg | Dimensions |         |           |         |         | Code   | Price € |
|-------|-------------------------------|---------------------|----------------------|--------------|------------|---------|-----------|---------|---------|--------|---------|
|       |                               |                     |                      |              | A<br>mm    | B<br>mm | C/D<br>mm | E<br>mm | F<br>mm |        |         |
| H 5   | 5                             | 25-230              | 370-600              | 22           | 370-600    | 745     | 140x213   | Ø 93    | 25      | 243269 | 738,00  |
| H 10  | 10                            | 30-260              | 421-651              | 28           | 421-651    | 745     | 170x205   | Ø 103   | 30      | 243279 | 972,00  |
| H 25* | 25                            | 58-273              | 505-720              | 109          | 505-720    | 1305    | 210x420   | 155x155 | 58      | 79909  | 2578,00 |

Hydraulic jack with handle

\* Model with rollers







110186073 MAX 3.2

**dynator**

110186073  
MAX 3.2  
LLX1 8.2%

Red emergency stop button

# Handy electronic scale handifor™

LOAD  
MEASUREMENT

LOAD  
LIMITERS

TENSIO  
METERS

ANCHOR  
TESTER

Operating life  
100 hours

- Capacities: 20 kg  
50 kg  
100 kg  
200 kg
- Lightweight 220 g
- Easy to work
- Built in 18mm display
- **Adjustable by user**
- **Keyboard control: ON / OFF, Tare, Peak Hold and Units.**



Tractel® specificities

- Accuracy  $\pm 0.5\%$  EM
- I.P. 40

| handifor™                     |          |        |         |
|-------------------------------|----------|--------|---------|
| Microweigher with LCD display |          |        |         |
| Model                         | Capacity | Code   | Price € |
| handifor™ 20                  | 20 kg    | 199919 | 100,00  |
| handifor™ 50                  | 50 kg    | 199929 | 106,00  |
| handifor™ 100                 | 100 kg   | 199939 | 112,00  |
| handifor™ 200                 | 200 kg   | 199949 | 116,00  |

This prices include, the handifor™,  
- 1 hook S, 1 connector, operating instructions and the certificate of conformity (in cardboard box)



# Industrials dynamometers

## dynafor™ LLZ2

Accuracy and traceability certified by:  
• Adjustment certificate (5 points)

- Wide range from 1 to 20 t
- **Units : kg, t / daN, kN / Lbs, ton (US)**
- Build in display : 17,8 mm
- Functions :
  - Tare, Peak hold
  - Automatic OFF
- Up to 350 h battery life (2 x "AAA")
- Low battery indicators
- **CE conformity: 2006/42/CE**
- **CEM conformity : 2004/108/CE**
- Options and accessories :
  - Various fastening accessories.



Tractel® specificities

- Accuracy  $\pm 0.8\%$  EM
- I.P. 65

| dynafor™ LLZ2                                |          |          |        |         |
|----------------------------------------------|----------|----------|--------|---------|
| Operating life 800 hours (3 x LR6 batteries) |          |          |        |         |
| Model                                        | Capacity | Smallest | Code   | Price € |
| LLZ2 1 t                                     | 1 t      | 1 kg     | 260889 | 1355,00 |
| LLZ2 3.2 t                                   | 3.2 t    | 1 kg     | 260899 | 1502,00 |
| LLZ2 6.3 t                                   | 6.3 t    | 10 kg    | 260909 | 1733,00 |
| LLZ2 12.5 t                                  | 12.5 t   | 20 kg    | 260919 | 1880,00 |
| LLZ2 20 t                                    | 20 t     | 50 kg    | 260929 | 2079,00 |

Delivered with cardboard box, except for models LLZ-10 and LLZ-20 (delivered with plastic box with 1 verification certificate, operating instructions and certificate of conformity)



| Accessories for dynafor™ LLZ2 |       |         |                    |        |         |
|-------------------------------|-------|---------|--------------------|--------|---------|
| HR-Bow shackles               | Code  | Price € | Swivel hooks       | Code   | Price € |
| LLZ2 1 t and 3.2 t            | 47916 | 15,66   | LLZ2 1 t and 3.2 t | 40977  | 249,26  |
| LLZ2 6.3 t                    | 47926 | 29,25   | LLZ2 6.3 t         | 105567 | 533,54  |
| LLZ2 12.5                     | 47936 | 89,61   | LLZ2 12.5 t        | 113227 | 764,26  |
| LLZ2 20 t                     | 47946 | 221,45  | LLZ2 20 t          | 105587 | 944,00  |

# Industrials dynamometers

## dynafor™ LLX1

### Technology serving industry

- Wide range from 0.5 to 20 t
- **Units: kg, t / daN, kN / lbs, ton (US)**
- Build in display: LCD 18 mm
- Basic functions: Tare, Peak hold
- Advanced functions:
  - **Adjustable dynamic effects filter function**
  - **Adjustable automatic OFF function**
  - 5 adjustable thresholds
  - Many others - see user manual.
- Up to 450 h battery life (3 x "AA")
- Battery charge indicators
- Traceability to International Standard (IS)
- **CE conformity: 2006/42/CE**
- **CEM conformity: 2004/108/CE**
- Built in radio transmitter (off by default)
- No PC connection
- Options and accessories:
  - Remote display (Bat. Li-Po)
    - 18 mm digit LCD with back lighting
    - Interchangeable displays (16 channels)
    - ZigBee 2.4 GHz (40m)
    - **Worldwide radio certification:** EN 300 440-2 V1.1.1  
USA & Canada: FCC part 15 / Australia: C-Tick ID
  - Various fastening accessories

Accuracy and traceability certified by:

- Adjustment certificate (5 points) or
- ISO 376 Certificate (3 x 10 points)



- Accuracy  $\pm 0.2\%$  EM
- IP 65

Tractel® specificities

| dynafor™ LLX1 dynamometers |          |          |             |                |  |
|----------------------------|----------|----------|-------------|----------------|--|
| Model                      | Capacity | Accuracy | Sensor only |                |  |
|                            |          |          | Code        | Price €        |  |
| <b>I.P. 65</b>             |          |          |             |                |  |
| LLX1 <b>0.5 t</b>          | 0.5 t    | 0.2 kg   | 210269      | <b>1645,00</b> |  |
| LLX1 <b>1 t</b>            | 1 t      | 0.5 kg   | 210279      | <b>1750,00</b> |  |
| LLX1 <b>2 t</b>            | 2 t      | 1 kg     | 210289      | <b>1895,00</b> |  |
| LLX1 <b>3.2 t</b>          | 3.2 t    | 1 kg     | 210299      | <b>2020,00</b> |  |
| LLX1 <b>5 t</b>            | 5 t      | 2 kg     | 210309      | <b>2140,00</b> |  |
| LLX1 <b>6.3 t</b>          | 6.3 t    | 2 kg     | 210319      | <b>2185,00</b> |  |
| LLX1 <b>12.5 t</b>         | 12.5 t   | 5 kg     | 210329      | <b>2645,00</b> |  |
| LLX1 <b>20 t</b>           | 20 t     | 10 kg    | 210339      | <b>3195,00</b> |  |

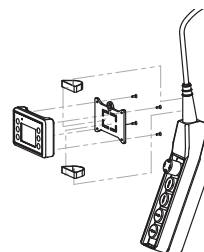
Delivered with plastic box with 1 verification certificate and operating instructions  
Delivered with battery for sensor, without shackles and without hook.



• IP 54

| Options                                          |                 | Code   | Price €       |
|--------------------------------------------------|-----------------|--------|---------------|
| LCD display                                      |                 | 243249 | <b>639,00</b> |
| Fixing kit for display                           |                 | 87758  | <b>38,00</b>  |
| <b>Checking certificate according to ISO 376</b> | from 0.5 to 1 t | 109397 | <b>305,00</b> |
|                                                  | from 2 to 20 t  | 109407 | <b>339,00</b> |

LCD display delivered with charger



| Accessories for dynafor™ LLX1 |       |               |                    |        |                |
|-------------------------------|-------|---------------|--------------------|--------|----------------|
| HR-Bow shackles               | Code  | Price €       | Hook               | Code   | Price €        |
| LLX1 0.5 t and 1 t            | 47906 | <b>8,50</b>   | LLX1 0.5 t         | 40957  | <b>146,26</b>  |
| LLX1 2 t and 3.2 t            | 47916 | <b>15,20</b>  | LLX1 1 t           | 40967  | <b>169,95</b>  |
| LLX1 5 t and 6.3 t            | 47926 | <b>28,40</b>  | LLX1 2 t           | 103777 | <b>256,47</b>  |
| LLX1 12.5 t                   | 47936 | <b>87,00</b>  | LLX1 3.2 t         | 40977  | <b>249,26</b>  |
| LLX1 20 t                     | 47946 | <b>215,00</b> | LLX1 5 t and 6.3 t | 105567 | <b>533,54</b>  |
|                               |       |               | LLX1 12.5 t        | 113227 | <b>764,26</b>  |
|                               |       |               | LLX1 20 t          | 51207  | <b>2325,74</b> |

Housing provided in the suitcase for 2 shackles up to 3.2 t



# Industrials dynamometers

## dynafor™ LLX2

High-tech technology serving industry

Accuracy and traceability certified by:  
 • Adjustment certificate (5 points) or  
 • ISO 376 Certificate (3 x 10 points)

- Wide range from 0.5 to 10 t
- **Units: kg, t / daN, kN / lbs, ton (US)**
- Remote display: LCD 25 mm with back lighting (Bat. Li-Po)
- Sensor to display connection: ZigBee 2.4 GHz (80m)
- Display to PC connection: USB
- Interchangeable displays (16 channels)
- Simultaneous reading of 1 to 4 sensors on one Master display
- Simultaneous reading on 3 slave displays
- Basic functions: Tare, Peak hold
- Advanced functions:
  - **Adjustable dynamic effects filter**
  - **Adjustable automatic OFF**
  - 5 adjustable thresholds
  - Many others - see user manual.
- Up to 1000 h battery life (3 x "AA")
- Battery charge indicators
- **Traceability to International Standard (IS)**
- **CE conformity: 2006/42/CE**
- **CEM conformity: 2004/108/CE**
- **Worldwide radio certification: EN 300 440-2 V1.1.1**  
 USA & Canada: FCC part 15 / Australia: C-Tick ID
- Options and accessories:
  - Connection Software, PC Communication Protocol
  - External Antenna (consult us)
  - Various fastening accessories



- Accuracy ± 0.1% EM
- IP 66
- IP 67 in option



- IP 54 for display

Tractel® specificities

| dynafor™ LLX2 dynamometers |          |          |                      |         |             |         |                      |         |             |         |
|----------------------------|----------|----------|----------------------|---------|-------------|---------|----------------------|---------|-------------|---------|
| Model                      | Capacity | Accuracy | Set sensor / display |         | Sensor only |         | Set sensor / display |         | Sensor only |         |
|                            |          |          | Code                 | Price € | Code        | Price € | Code                 | Price € | Code        | Price € |
|                            |          |          | I.P. 66              |         | I.P. 66     |         | I.P. 67*             |         | I.P. 67*    |         |
| LLX2 0.5 t                 | 0.5 t    | 0.1 kg   | 108109               | 2589,42 | 108179      | 1860,18 | 193479               | 3050,00 | 193549      | 2320,00 |
| LLX2 1 t                   | 1 t      | 0.2 kg   | 108119               | 2713,02 | 108189      | 1985,84 | 193489               | 3180,00 | 193559      | 2450,00 |
| LLX2 2 t                   | 2 t      | 0.5 kg   | 108129               | 2835,59 | 108199      | 2105,32 | 193499               | 3320,00 | 193569      | 2560,00 |
| LLX2 3.2 t                 | 3.2 t    | 0.5 kg   | 108139               | 2961,25 | 108209      | 2230,98 | 193509               | 3450,00 | 193579      | 2690,00 |
| LLX2 5 t                   | 5 t      | 1 kg     | 108149               | 3083,82 | 108219      | 2353,55 | 193519               | 3540,00 | 193589      | 2845,00 |
| LLX2 6.3 t                 | 6.3 t    | 1 kg     | 108159               | 3207,42 | 108229      | 2477,15 | 193529               | 3700,00 | 193599      | 2945,00 |
| LLX2 10 t                  | 10 t     | 2 kg     | 108169               | 3734,78 | 108239      | 2847,95 | 193539               | 4200,00 | 193609      | 3285,00 |

Delivered with plastic box with 1 verification certificate and operating instructions  
 Delivered with battery for sensor and charger for display, without shackles and without hook.  
 \* Accuracy ± 0,2% for the models I.P. 67 and range scope 60 m

| Options                                   |                 | Code   | Price € |
|-------------------------------------------|-----------------|--------|---------|
| Checking certificate according to ISO 376 | from 0.5 to 1 t | 109397 | 305,00  |
|                                           | from 2 to 20 t  | 109407 | 339,00  |

Options and accessories, see page 112

Accuracy and traceability certified by:

- Adjustment certificate (5 points) or
- ISO 376 Certificate (3 x 10 points)

- Wide range from 15 to 250 t
- **Units: kg, t / daN, kN / lbs, ton (US)**
- Remote display: LCD 25 mm with back lighting (Bat. Li-Po)
- Sensor to display connection: ZigBee 2.4 GHz (80m)
- Display to PC connection: USB
- Interchangeable displays (16 channels)
- Simultaneous reading of 1 to 4 sensors on one Master display
- Simultaneous reading on 3 slave displays
- Basic functions: Tare, Peak hold
- Advanced functions:
  - **Adjustable dynamic effects filter**
  - **Adjustable automatic OFF**
  - 5 adjustable thresholds
  - Many others - see user manual.
- Up to 1000 h battery life (3 x "AA")
- Battery charge indicators
- **Traceability to International Standard (IS)**
- **CE conformity: 2006/42/CE**
- **CEM conformity: 2004/108/CE**
- **Worldwide radio certification: EN 300 440-2 V1.1.1**  
USA & Canada: FCC part 15 / Australia: C-Tick ID
- Options and accessories:
  - Connection Software, PC Communication Protocol
  - External Antenna (consult us)
  - Various fastening accessories



- **Accuracy ± 0.2% EM**
- IP 65
- IP 67 in option



- IP 54

Tractel® specificities

| dynafor™ LLXh dynamometers |          |          |                      |          |             |          |                      |          |             |          |
|----------------------------|----------|----------|----------------------|----------|-------------|----------|----------------------|----------|-------------|----------|
| Model                      | Capacity | Accuracy | Set sensor / display |          | Sensor only |          | Set sensor / display |          | Sensor only |          |
|                            |          |          | Code                 | Price €  | Code        | Price €  | Code                 | Price €  | Code        | Price €  |
|                            |          |          | I.P. 65              |          | I.P. 65     |          | I.P. 67*             |          | I.P. 67*    |          |
| LLXh 15 t                  | 15 t     | 5 kg     | 193089               | 4005,00  | 193139      | 3200,00  | 194929               | 4361,00  | 197049      | 3595,00  |
| LLXh 25 t                  | 25 t     | 10 kg    | 193099               | 4422,00  | 193149      | 3659,00  | 194939               | 4774,00  | 197059      | 3995,00  |
| LLXh 50 t                  | 50 t     | 20 kg    | 193109               | 6263,00  | 193159      | 5500,00  | 194949               | 6596,00  | 197069      | 5795,00  |
| LLXh 100 t                 | 100 t    | 50 kg    | 193119               | 12833,00 | 193169      | 12071,00 | 194959               | 13102,00 | 197079      | 12347,00 |
| LLXh 250 t                 | 250 t    | 100 kg   | 193129               | 31948,00 | 193179      | 31187,00 | 194969               | 32030,00 | 197089      | 31274,00 |

Delivered with plastic box with 1 verification certificate and operating instructions  
Delivered with battery for sensor and charger for display, without shackles and without hook.  
\* Accuracy ± 0,2% for the models I.P. 67 and range scope 60 m

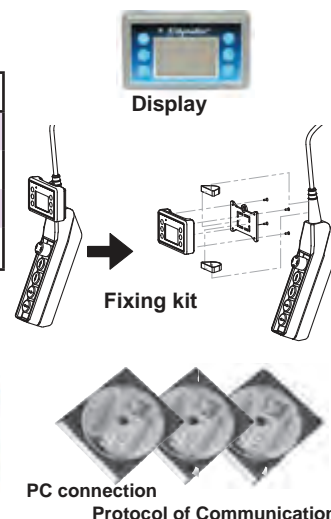
| Options                                   |             | Code   | Price €    |
|-------------------------------------------|-------------|--------|------------|
| Checking certificate according to ISO 376 | 15 t        | 109407 | 339,00     |
|                                           | 25 and 50 t | 109417 | 403,00     |
|                                           | 100 t**     | 111377 | On request |
|                                           | 250 t**     | 112277 | On request |

Options and accessories, see page 112

# Industrials dynamometers Complementary equipment

## Accessories and services

| dynafor™ LLX2, LLXh and LLXt | Code   | Price € |
|------------------------------|--------|---------|
| LCD display                  | 108249 | 1084,59 |
| Fixing kit for display       | 87758  | 38,00   |
| PC connection kit            | 68968  | 1463,00 |
| Protocol of communication    | 199459 | 968,00  |



Shackles



HR-Bow shackles



Hook

| Accessories for dynafor™ LLX2 and LLXh |        |         |                               |        |         |
|----------------------------------------|--------|---------|-------------------------------|--------|---------|
| Shackles for LLX2                      | Code   | Price € | Shackle and hook kit for LLX2 | Code   | Price € |
| LLX2 0.5 t to 3.2 t                    | 111407 | 64,00   | LLX2 0.5 t to 3.2 t           | 68978  | 135,00  |
| LLX2 5 t and 6.3 t                     | 111417 | 133,00  | LLX2 5 t and 6.3 t            | 68988  | 267,00  |
| LLX2 10 t                              | 112207 | 254,00  | LLX2 10 t                     | 84138  | 434,00  |
| HR-Bow shackles for LLX2 and LLXh      |        |         | Hook for LLX2 and LLXh        |        |         |
| LLX2 0.5 t to 3.2 t                    | 47916  | 15,66   | LLX2 0.5 t and 3.2 t          | 111437 | 71,50   |
| LLX2 5 t and 6.3 t                     | 47926  | 29,25   | LLX2 5 t and 6.3 t            | 111447 | 138,00  |
| LLX2 10 t                              | 47936  | 89,61   | LLX2 10 t                     | 112217 | 207,00  |
| LLXh 15 t                              | 112427 | 127,00  | LLXh 15 t                     | 113227 | 764,26  |
| LLXh 25 t                              | 47946  | 221,45  | LLXh 25 t                     | 51207  | 2325,74 |
| LLXh 50 t                              | 47956  | 576,00  | LLXh 50 t                     | 51447  | 2757,00 |
| LLXh 100 t                             | 38166  | 2912,00 |                               |        |         |
| LLXh 250 t                             | 93106  | 4859,00 |                               |        |         |

| Spare parts for LLX                              | Code  | Price € |
|--------------------------------------------------|-------|---------|
| 18 mm LCD display                                | 23288 | 500,00  |
| Cable of connection, 10 m length with connectors | 23298 | 53,00   |
| Wireless radio IR 433 MHz                        | 19777 | 836,00  |



## Control works for After Sales Service only

| Adjustment certificate |                        |        |         |
|------------------------|------------------------|--------|---------|
| Model                  |                        | Code   | Price € |
| handifor               |                        | 109357 | 117,00  |
| LLX2<br>LLXh           | from 0.25 to<br>1.25 t | 109367 | 156,00  |
| LLX1<br>LLX            | from 2 t to 20 t       | 109377 | 174,00  |
| LLZ<br>MWX             | from 25 t to 50 t      | 109387 | 222,00  |

| Checking certificate according to ISO 376 |                    |        |          |
|-------------------------------------------|--------------------|--------|----------|
| Model                                     |                    | Code   | Price €  |
| LLX2                                      | from 0.5 to 1.25 t | 109397 | 305,00   |
| LLXh                                      | from 2 t to 20 t   | 109407 | 339,00   |
| LLX1                                      | from 25 t to 50 t  | 109417 | 403,00   |
| LLX                                       | 100 t**            | 111377 | 3803,00* |
| MWX                                       | 250 t**            | 112277 | 4987,00* |

\*: On request. \*\*: LLX and LLXh only.

The control works within specific business conditions, Please contact us  
Our prices are valid Net (freight cost in addition) only for Calibration or Adjustment certificates  
without repair.



# Mechanical load limit switches

## dynasafe™

### Optimize operator safety and machine sustainability

LOAD  
MEASUREMENT

LOAD  
LIMITERS

TENSIO  
METERS

ANCHOR  
TESTER

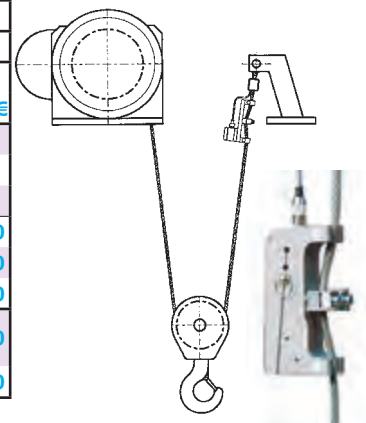
## Installation on wire rope

HF 31 and 32 "A" model load limit switches have one or two "all or nothing" switches (220 VAC / 4A.) No interface is required.

HF 32 "B" model load limit switches must be associated with an HF 85/1 monitor.



| dynasafe™ HF 31/1/A2, HF 32/1/A and HF 32/1/B                                        |             |                       |              |         |                |         |              |         |
|--------------------------------------------------------------------------------------|-------------|-----------------------|--------------|---------|----------------|---------|--------------|---------|
| Model                                                                                | Ø wire rope | Capacity maxi in fall | Model A      |         |                |         | Model B      |         |
|                                                                                      |             |                       | 1 Trip point |         | 2 Trips points |         | 1 Trip point |         |
|                                                                                      |             |                       | Code         | Price € | Code           | Price € | Code         | Price € |
| HF31/1/A (2 trips points)                                                            | 5 to 16 mm  | 3 200 kg              | -            |         | 87768          | 870,00  | -            |         |
| HF32/2/A (1 and 2 trips points)                                                      | 17 to 26 mm | 6 000 kg              | 38628        | 1412,00 | 38658          | 1561,00 | -            |         |
| HF32/3/A (1 and 2 trips points)                                                      | 27 to 36 mm | 12 000 kg             | 38638        | 1782,00 | 38668          | 2028,00 | -            |         |
| HF32/1/B (1 trip point)                                                              | 5 to 16 mm  | 3 200 kg              | -            |         | -              |         | 38678        | 1167,00 |
| HF32/2/B (1 trip point)                                                              | 17 to 26 mm | 6 000 kg              | -            |         | -              |         | 38688        | 1538,00 |
| HF32/3/B (1 trip point)                                                              | 27 to 36 mm | 12 000 kg             | -            |         | -              |         | 38698        | 2169,00 |
| Diameter of the cable and load to the strand to be specified on your purchase order. |             |                       |              |         |                |         | 73887        | 131,00  |
| Protection against acid (HF32 only)                                                  |             |                       |              |         |                |         | 105967       | 379,00  |

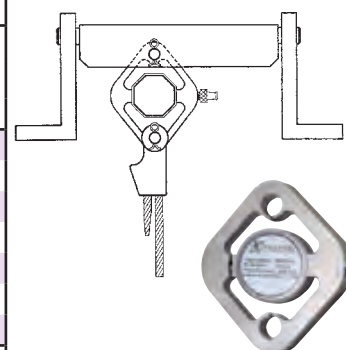


## Installation at a dead end

HF 05 "A" model load limit switches have one or two "all or nothing" switches (220 VAC / 4A.) No interface is required.

HF 05 "B" model load limit switches must be associated with an HF 85/1 monitor.

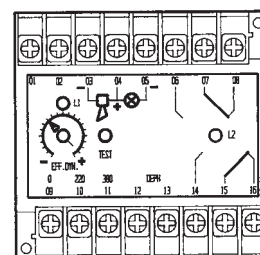
| dynasafe™ HF 05                                                                                                                  |                       |                        |         |                          |         |                        |         |        |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------|---------|--------------------------|---------|------------------------|---------|--------|
| Model                                                                                                                            | Capacity max. in fall | Without Monitor        |         |                          |         | With Monitor           |         |        |
|                                                                                                                                  |                       | 1 Trip point - model A |         | 2 Trips points - model A |         | 1 Trip point - model B |         |        |
|                                                                                                                                  |                       | Code                   | Price € | Code                     | Price € | Code                   | Price € |        |
| HF 05/1                                                                                                                          | 500 kg                | 24718                  | 831,00  | 43508                    | 1017,00 | 38508                  | 831,00  |        |
| HF 05/2                                                                                                                          | 1 250 kg              | 24728                  | 886,00  | 46188                    | 1071,00 | 38518                  | 886,00  |        |
| HF 05/3                                                                                                                          | 2 000 kg              | 24738                  | 935,00  | 43528                    | 1120,00 | 38528                  | 935,00  |        |
| HF 05/4                                                                                                                          | 3 200 kg              | 58298                  | 984,00  |                          |         | 24748                  | 969,00  |        |
| HF 05/5                                                                                                                          | 5 000 kg              |                        |         |                          |         | 24758                  | 1245,00 |        |
| HF 05/6                                                                                                                          | 8 000 kg              |                        |         |                          |         | 24768                  | 1500,00 |        |
| HF 05/7                                                                                                                          | 12 000 kg             |                        |         |                          |         | 24778                  | 1857,00 |        |
| Options                                                                                                                          |                       |                        |         |                          |         |                        |         |        |
| Calibration at the factory (by trip point), diameter of the cable and load to the strand to be specified on your purchase order. |                       |                        |         |                          |         |                        | 73887   | 131,00 |



## Dynamic effects monitoring

The HF 85/1 monitor is designed to filter dynamic effects and is essential in amplifying the output signal of any "B" model mechanical load limit switch.

| dynasafe™ HF 85 monitor for HF 32/B and HF 05/B |                       |         |
|-------------------------------------------------|-----------------------|---------|
| Model                                           | Code                  | Price € |
| HF 85/1                                         | For mechanical sensor | 24788   |
| Alarm equipment                                 |                       |         |
| Model                                           | Code                  | Price € |
| HF 90/1                                         | Electronic alarm      | 24798   |
| HF 90/2                                         | Flashing light        | 24808   |



# Electronic load limit switches dynasafe™

Optimize operator safety and machine sustainability

## Installation on wire rope

Load limit sensors in the HF 35 series are electronic sensors that generate an electric signal directly proportional to the measured effort.  
They are designed to be fixed directly on the wire rope and are made of 2014 aluminium.  
According to the chosen output signal, they are combined with a Tractel® monitor, a Tractel® display or other types of common interfaces.  
Price according to the wire rope diameter and effort, consult us.  
Specifications: [http://www.tractel.com/fr/series.php?id\\_serie=17](http://www.tractel.com/fr/series.php?id_serie=17)

| dynasafe™ HF 35 with strain gauges |                 |        |           |          |           |
|------------------------------------|-----------------|--------|-----------|----------|-----------|
| wire rope Ø                        | Effort per fall | Output |           |          |           |
|                                    |                 | mV/V   | Frequency | 0 - 10 V | 4 - 20 mA |
| 5 - 45 mm                          | 20 kg - 20 t    | ✓      | ✓         | ✓        | ✓         |
|                                    |                 |        |           |          |           |



## Installation at a dead end.

Load limit sensors in the HF 10 series are electronic sensors that generate an electric signal directly proportional to the measured effort.  
They are designed to be fixed at the dead end and are made of 2014 aluminium (option: also available in stainless steel.)  
According to the chosen output signal, they are combined with a Tractel® monitor, a Tractel® display or other types of common interfaces.  
Price according to effort, consult us.  
Specifications: [http://www.tractel.com/fr/series.php?id\\_serie=16](http://www.tractel.com/fr/series.php?id_serie=16)

| dynasafe™ HF 10 with strain gauges |        |           |          |           |
|------------------------------------|--------|-----------|----------|-----------|
| Effort per fall                    | Output |           |          |           |
|                                    | mV/V   | Frequency | 0 - 10 V | 4 - 20 mA |
| 20 kg - 20 t                       | ✓      | ✓         | ✓        | ✓         |
|                                    |        |           |          |           |



## Load pins

Load pin sensors in the HF 50 series are electronic sensors that generate an electric signal directly proportional to the measured effort.  
They are custom made from APX 4 stainless steel,  
According to the chosen output signal, they are combined with a Tractel® monitor, a Tractel® display or other types of common interfaces.  
Price according to pin dimensions, consult us.  
Specifications: [http://www.tractel.com/fr/series.php?id\\_serie=18](http://www.tractel.com/fr/series.php?id_serie=18)

| dynasafe™ HF50 with strain gauges |                 |        |           |          |           |
|-----------------------------------|-----------------|--------|-----------|----------|-----------|
| Pin Ø                             | Effort          | Output |           |          |           |
|                                   |                 | mV/V   | Frequency | 0 - 10 V | 4 - 20 mA |
| 19 - 300 mm                       | 50 kg - 1 000 t | ✓      | ✓         | ✓        | ✓         |
|                                   |                 |        |           |          |           |



Consult us for others types of custom made effort sensors: traction, compression, shearing, bending, etc. from 20 kg up to 1000 t.



# Load monitors accessories

## dynafor™ and dynasafe™

Conditioning and management of sensor signals

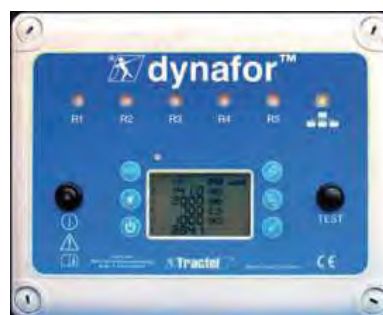
## dynafor™ LLXt and D.M.U.



dynafor™ LLXt



Adjustment Software



D.M.U. dynafor™ Monitoring Unit

LOAD MEASUREMENT

LOAD LIMITERS

TENSIONMETERS

ANCHOR TESTER

| Model                                    | Description                                                                                                                                                                                                                        | Code   | Price €           |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------|
| <b>dynafor™ LLXt WL</b>                  | Conditionner mV/ZigBee                                                                                                                                                                                                             | 198559 | <b>763,00</b>     |
| <b>dynafor™ LLXt RS 485</b>              | Conditionner mV/BUS RS 485                                                                                                                                                                                                         | 198549 | <b>529,00</b>     |
| <b>Adjustment Software</b>               | Adjustment software for <b>LLXt WL</b> and <b>LLXt RS</b>                                                                                                                                                                          | 199529 | <b>1149,00</b>    |
| <b>D.M.U. (dynafor™ Monitoring Unit)</b> | Inputs monitor BUS 485 OR Zigbee<br><ul style="list-style-type: none"> <li>• 6 relay outputs AON*</li> <li>• Sum Function</li> <li>• Display of the load</li> <li>• Dynamic effect filter</li> <li>• Black box, etc,...</li> </ul> | 261959 | <b>On request</b> |
| <b>Accessories</b>                       | 3 spare cable gland additional                                                                                                                                                                                                     | 233527 | <b>10,00</b>      |
| <b>BR</b>                                | Connection unit                                                                                                                                                                                                                    | 244019 | <b>199,00</b>     |
| <b>Cable per metre</b>                   | Connection cable                                                                                                                                                                                                                   | 25871  | <b>3,20</b>       |
| <b>Power supply</b>                      | Power supply 110/230 Vac -> 24 Vcc                                                                                                                                                                                                 | 199046 | <b>62,00</b>      |
|                                          | Power supply 48 Vac -> 24 Vcc                                                                                                                                                                                                      | 208206 | <b>120,00</b>     |

## dynasafe™ HF 80 and HF 84



| Model          | Description                                   | Code  | Price €        |
|----------------|-----------------------------------------------|-------|----------------|
| <b>HF 80/1</b> | Input monitor Frequency/ 2 Relay output AON.* | 43568 | <b>1400,00</b> |
| <b>HF 84/1</b> | Converter mV/Frequency                        | 44168 | <b>483,00</b>  |
| <b>Cable</b>   | Connection cable                              | 27631 | <b>4,10</b>    |

\* All Or Nothing

# LED displays

## LED displays AL 63 and AL 128

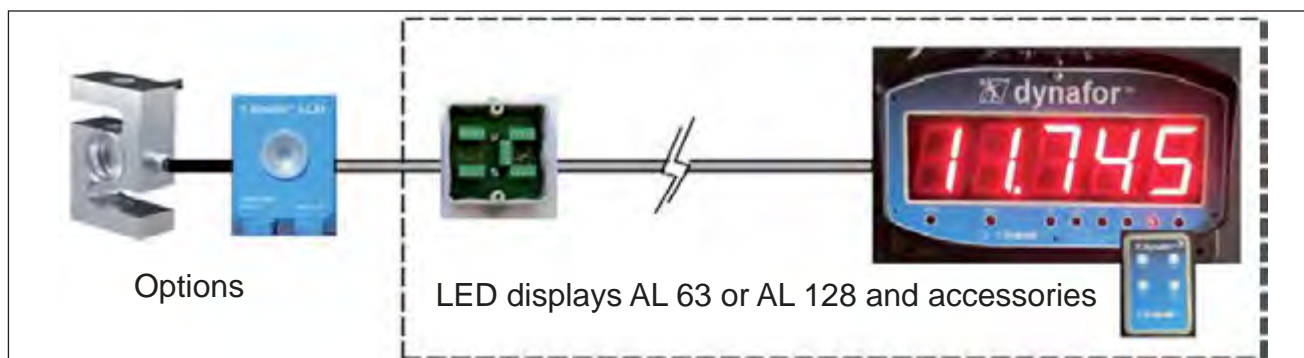
Designed to visualize the efforts or loads measured by one or more sensors.

- From 1 up to 4 sensors, with automatic sum function.
- Tare, peak hold, unit's selection with the **TLC** remote control.
- Adjustable dynamic effects filter.
- Network communication through **BUS RS 485**
- Complementary to the LLX2 monitors.

Multiple configurations of monitors, sensors and LED displays are possible via the use of different technologies: BUS RS 485, wireless connection, displays and software. They also enable recording and monitoring with dynafor™ LLX2 displays.

A standard installation consists of at least 4 elements:

- 1 **dynafor™ AL 63** or **AL 128** mm display kit
- 1 or more strain gauge sensors (Maximum 4)
- 1 **dynafor™ LLXt RS 485** module
- 1 **RS 485 BUS** lead cable.



N.B. The LLXt module must be adjusted according to the sensor and the machine where it will be integrated.

| Description                   | Composition                                                                                                                                                             | Code   | Price €        |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
| <b>LED display AL 63 kit</b>  | LED display AL 63<br>TLC remote control Zig Bee 2.4 GHz<br>Connection unit<br>4 mounting silent blocks, 2 spare cable glands<br>Packaging<br>Manual and CE certificate  | 243019 | <b>1888,00</b> |
| <b>LED display AL 128 kit</b> | LED display AL 128<br>TLC remote control Zig Bee 2.4 GHz<br>Connection unit<br>6 mounting silent blocks, 2 spare cable glands<br>Packaging<br>Manual and CE certificate | 251199 | <b>2481,00</b> |

### Options and Accessories

| Description                | Composition                                                                                                        | Code   | Price €        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------|--------|----------------|
| <b>LED display AL 63</b>   | LED display AL 63<br>4 mounting silent blocks, 2 spare cable glands<br>Packaging box<br>Manual and CE certificate  | 182658 | <b>1776,00</b> |
| <b>LED display AL 128</b>  | LED display AL 128<br>6 mounting silent blocks, 2 spare cable glands<br>Packaging box<br>Manual and CE certificate | 187648 | <b>2108,00</b> |
| <b>LLXt RS 485 module</b>  | Conditions the sensor signal                                                                                       | 198549 | <b>529,00</b>  |
| <b>TLC</b>                 | Remote control Zig Bee 2.4 GHz                                                                                     | 244009 | <b>345,00</b>  |
| <b>BR</b>                  | Connection unit                                                                                                    | 244019 | <b>199,00</b>  |
| <b>Cable per metre</b>     | BUS RS 485 connection cable                                                                                        | 25871  | <b>3,20</b>    |
| <b>Power supply 24 Vcc</b> | Power supply 24 Vcc AL 63 and AL 128                                                                               | 199046 | <b>62,00</b>   |
| <b>Power supply 5 Vcc</b>  | Power supply 5 Vcc LLXt                                                                                            | 184886 | <b>139,00</b>  |
| <b>Adjustment Software</b> | To adjust LLXt WL or RS 485 modules                                                                                | 199529 | <b>1149,00</b> |

# Tensiometers dynarope

## Tensiometers big capacities

Designed to measure, without dismantling, the tension in several types of cables.

The display contains a Standard Data Bank (DB) that includes several items that are identified by a "Reference Number". Each reference corresponds to a calibration process carried out on a particular sample.

The measurement wire rope is deemed to have a minimum length of 8 mm, and is assumed to be tensioned between a fixed and a "flexible" end (e.g. an aerial mast) in order to render negligible the influence of placing the sensor on the cable. Placing the sensor on the wire rope causes a shorting of the wire rope by approximately 1.5 mm.

If the installation does not match the above description or if the cable you wish to measure does not appear in the list, we recommend that a custom calibration is carried out (see user manual) or that you order a specific calibration filling the corresponding form in (consult our commercial staff).



- Accuracy: < 1% of full scale
- T° of use: -20° to +60°C
- Protection: IP 65
- Powered by the display: 3 x AA 1,5V
- USB port
- Records of operation
- Loader Light software included

| dynarope big capacities                                            |        |                   |
|--------------------------------------------------------------------|--------|-------------------|
| Model                                                              | Code   | Price €           |
| <b>dynarope HF36/1/LPT</b> complete kit 2 kN to 50 kN. 5 to 13 mm  | 187938 | <b>7625,00</b>    |
| <b>dynarope HF36/1/LPT</b> sensor only                             | 190598 | <b>4493,00</b>    |
| <b>Carry box 36/1/LPT</b>                                          | 230517 | <b>386,00</b>     |
| <b>dynarope HF36/2/LPT</b> complete kit 4 kN to 200 kN. 9 to 28 mm | 187948 | <b>9406,00</b>    |
| <b>dynarope HF36/2/LPT</b> sensor only                             | 190608 | <b>6118,00</b>    |
| <b>Carry box 36/2/LPT</b>                                          | 230527 | <b>497,00</b>     |
| <b>dynarope HF36/S/LPT</b> > 200 kN > to 28 mm                     |        | <b>On request</b> |

| dynarope Special Railway                                                               |        |                |
|----------------------------------------------------------------------------------------|--------|----------------|
| Model                                                                                  | Code   | Price €        |
| <b>dynarope HF36/1 LPT RWT</b> complete kit 50 kN<br>With specific "Railway" Data Bank | 190688 | <b>9405,00</b> |

| Common accessories                                       |        |                |
|----------------------------------------------------------|--------|----------------|
|                                                          |        |                |
| LEMO LPT cable                                           | 230317 | <b>225,00</b>  |
| Display HF 87/T/LPT only (specify associated HF 36 type) | 190628 | <b>2279,00</b> |
| USB Cable                                                | 230327 | <b>43,90</b>   |
| Specific calibration to be add at the Data Bank          | 230517 | <b>386,00</b>  |

| N° | Software                                                                          | Code   | Price €        |
|----|-----------------------------------------------------------------------------------|--------|----------------|
| 1  | <b>Loader Light.</b> Included in the standard kit<br>To data transfer to a PC     | 193008 | <b>162,00</b>  |
| 2  | <b>Loader Tech.</b> Option<br>To update the Data Bank through Internet            | 193018 | <b>849,00</b>  |
| 3  | <b>Loader Full</b> Option. Loader Tech +<br>Full management of all the Data Banks | 187978 | <b>1372,00</b> |
| 4  | <b>Loader Monitor.</b> Option<br>To display and record measurement on PC.         | 193028 | <b>1049,00</b> |

# Tensiometers dynarope

## Tensiometers low capacities

The display contains a Standard Data Bank (DB) that includes several items that are identified by a "Reference Number". Each reference corresponds to a calibration process carried out on a particular sample.

The measurement wire rope is deemed to have a minimum length of 8 m, and is assumed to be tensioned between a fixed end and a "flexible" end (e.g. an aerial mast) in order to render negligible the influence of placing the sensor on the cable. Placing the sensor on the wire rope causes a shorting of the wire by approximately 1.5 mm.

If the installation does not match the above description or if the cable you wish to measure does not appear in the list, we recommend that a custom calibration is carried out (see user manual) or that you order a specific calibration filling the corresponding form in (consult our commercial staff).



- Accuracy : < 1% of full scale
- T° of use : -20° to +60°C
- Protection : IP 65
- Powered by the display : 2 batteries CR123A 3V
- USB port
- Records of operation
- Loader Light software included

| dynarope low capacities                                   |        |         |
|-----------------------------------------------------------|--------|---------|
| Model                                                     | Code   | Price € |
| dynarope HF37/1/LPT complet kit 1 kN to 15 kN. 5 to 13 mm | 190008 | 3851,00 |
| dynarope HF37/2/LPT complet kit 2 kN to 30 kN. 8 to 18 mm | 190018 | 6674,00 |
| Specific calibration to be add at the Data Bank           | 111347 | 385,00  |

| N° | Software                                                                          | Code   | Price € |
|----|-----------------------------------------------------------------------------------|--------|---------|
| 1  | <b>Loader Light.</b> Included in the standard kit<br>To data transfer to a PC     | 193008 | 162,00  |
| 2  | <b>Loader Tech.</b> Option<br>To update the Data Bank through Internet            | 193018 | 849,00  |
| 3  | <b>Loader Full</b> Option. Loader Tech +<br>Full management of all the Data Banks | 187978 | 1372,00 |
| 4  | <b>Loader Monitor.</b> Option<br>To display and record measurement on PC.         | 193028 | 1049,00 |

# Anchor point tester dynaplug

LOAD  
MEASUREMENT

Designed to test the wrench resistance of an anchor point as specified by the Norm EN 795 Appendix A



Supplied with a set of dies compatibles with the most current plugs (M10, M12, M14 and M16) and a fork suitable for to the Tractel® anchor points. Special dies on request.

- Accuracy: < 1% of full scale
- T° of use: -20° to +60°C
- Protection: IP 65
- Powered by the display: 3 x AA 1,5V
- USB port
- Records of operation
- Loader Light software included

LOAD  
LIMITERS

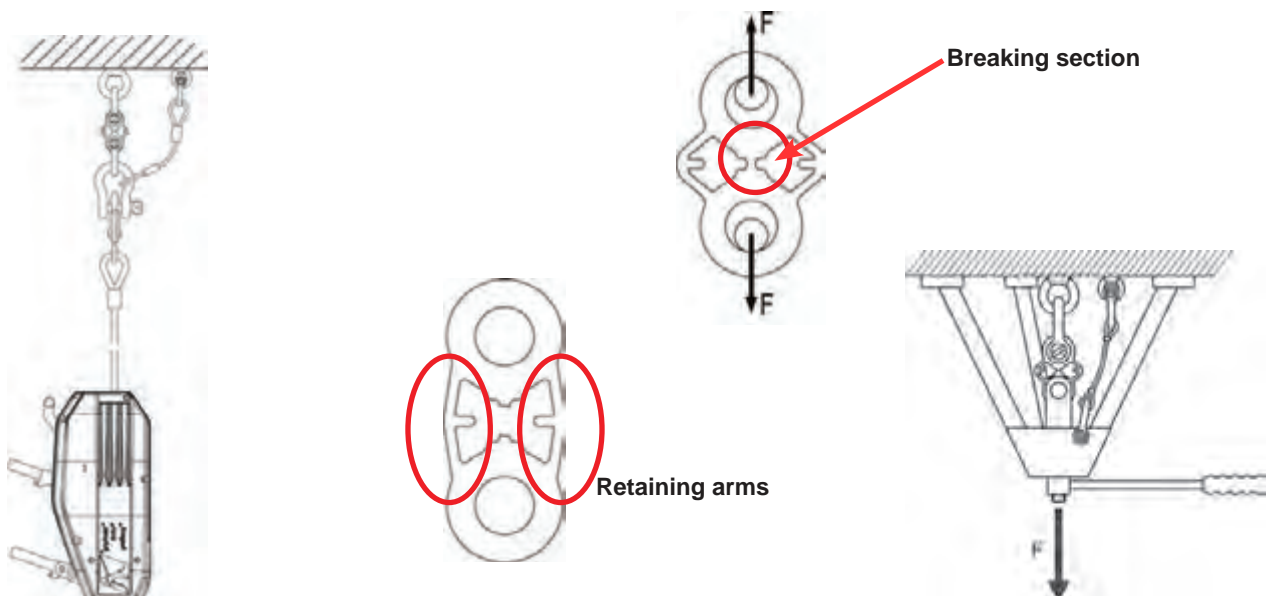
TENSIONMETERS

| dynaplug                              |        |         |
|---------------------------------------|--------|---------|
| Model                                 | Code   | Price € |
| Dynaplug HF44/1/LPT complet kit 15 kN | 190028 | 4144,00 |
| Dynaplug HF44/2/LPT complet kit 25 kN | 190038 | 4526,00 |
| Dynaplug HF44/3/LPT complet kit 50 kN | 190048 | 6650,00 |

## Anchor tester plate TA

Anchor testers TA are test specimens endowed with a breaking section calibrated to break under a determined traction force. The anchor tester must be installed between the anchor point to be tested and the loading device by means of shackles or any other adequate mechanical connection.

ANCHOR  
TESTER



| Test plates TA                                              |        |            |
|-------------------------------------------------------------|--------|------------|
| Model                                                       | Code   | Price €    |
| Test plate TA 400 Kit of 20 P Breaking point at 600 daN     | 193269 | 158,00     |
| Test plate TA 1000 Kit of 20 P Breaking point at 1 000 daN  | 261769 | 200,00     |
| Test plate TA 1000 Kit of 20 P Breaking point at 1 200 daN  | 261779 | 200,00     |
| Test plate TA 1000 Kit of 20 P Breaking point at 1 500 daN  | 193279 | 200,00     |
| Test plate TA 1330 Kit of 20 P Breaking point at 2 000 daN  | 193289 | 200,00     |
| Test plate TA 12670 Kit of 10 P Breaking point at 4 000 daN | 193299 | 180,00     |
| Tensile tester used with test plate TA                      | -      | On Request |

Notes: .....

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**NEW**



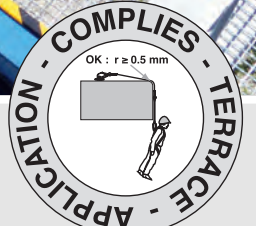
Anchors



Fall arrest



Harnesses



# 150 kg Height Safety range

Tractel<sup>®</sup> offers a complete and evolutionary range of fall arrest products certified according to the current CE Standards in order to protect users up to 150 kg (body mass + mass of gear and tools).

These products can also be used for horizontal roof terrace applications.

# Harnesses

HARNESSES AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

RESCUE

FABA™ TRACTELIFT

ACCESSORIES



## DORSAL (back)

Dorsal anchorage **fall arrest** point on every harness. **EN 361**.

## STERNAL (front)

Chest anchorage **fall arrest** point **EN 361** and **working position EN 358**.

## THORACIC (front)

Chest anchorage **fall arrest** points **EN 361** and **working position EN 358**.

## UMBILICAL (front)

Front waist anchorage for **suspended work EN 813**. For support purposes. Do not use as a fall arrest point.

## LATERAL (side)

Side waist anchorage point for **work positioning EN 358**. For support purposes. Do not use as a fall arrest point.

## Adjustment

Pull the strap in direction of the arrows.

|   | S        | M        | XL        |
|---|----------|----------|-----------|
| A | 60 - 100 | 80 - 120 | 100 - 160 |
| B | 75 - 100 | 90 - 110 | 100 - 125 |
| C | 45 - 80  | 45 - 100 | 45 - 120  |
| D | 55 - 65  | 65 - 80  | 80 - 90   |

in cm

## EN 361

Applications examples



### standard buckle

opened buckle      locked buckle

### automatic buckle (option A)

opened automatic buckle      locked automatic buckle

- ★ Acceptable for
- ★★ Well suited for
- ★★★ Optimal for
- ⊙ Option

# Standard harnesses



|           | attachment points |             |         |          |           |         | Description                                   | Code  | Price € |
|-----------|-------------------|-------------|---------|----------|-----------|---------|-----------------------------------------------|-------|---------|
|           | No                | Fall arrest |         |          | Support   |         |                                               |       |         |
|           |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                                               |       |         |
| ET10 M    | 1                 | 1           | -       | -        | -         | -       | 2 adjustment points, without sub-pelvic strap | 50402 | 21,00   |
| ET11 M    | 2                 | 1           | 1       | -        | -         | -       | 2 adjustment points, without sub-pelvic strap | 50422 | 24,90   |
| HT10 S    | 1                 | 1           | -       | -        | -         | -       |                                               | 31142 | 35,00   |
| HT10 M    | 1                 | 1           | -       | -        | -         | -       | 2 adjustment points, without sub-pelvic strap | 17892 | 35,00   |
| HT10 XL   | 1                 | 1           | -       | -        | -         | -       |                                               | 29702 | 37,00   |
| HT11 S    | 1                 | 1           | -       | -        | -         | -       |                                               | 31192 | 41,00   |
| HT11 M    | 1                 | 1           | -       | -        | -         | -       | 2 adjustment points, sub-pelvic strap         | 10002 | 41,00   |
| HT11 XL   | 1                 | 1           | -       | -        | -         | -       |                                               | 31182 | 44,00   |
| HT21 S    | 2                 | 1           | 1       | -        | -         | -       |                                               | 31582 | 49,00   |
| HT21 M    | 2                 | 1           | 1       | -        | -         | -       | 2 adjustment points, sub-pelvic strap         | 10012 | 49,00   |
| HT21 XL   | 2                 | 1           | 1       | -        | -         | -       |                                               | 29722 | 51,00   |
| HT22 S    | 2                 | 1           | 1       | -        | -         | -       |                                               | 31592 | 54,00   |
| HT22 M    | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points, sub-pelvic strap         | 14002 | 54,00   |
| HT22 XL   | 2                 | 1           | 1       | -        | -         | -       |                                               | 28502 | 57,00   |
| HT22 S A  | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points, sub-pelvic strap         | 31832 | 88,00   |
| HT22 M A  | 2                 | 1           | 1       | -        | -         | -       | automatic buckles                             | 31822 | 88,00   |
| HT22 XL A | 2                 | 1           | 1       | -        | -         | -       |                                               | 31842 | 92,00   |
| HT31 S    | 1                 | 1           | -       | -        | -         | -       |                                               | 31602 | 52,25   |
| HT31 M    | 1                 | 1           | -       | -        | -         | -       | 5 adjustment points, sub-pelvic strap         | 10022 | 52,73   |
| HT31 XL   | 1                 | 1           | -       | -        | -         | -       |                                               | 31102 | 57,00   |
| HT31 S A  | 1                 | 1           | -       | -        | -         | -       | 5 adjustment points, sub-pelvic strap         | 31862 | 87,40   |
| HT31 M A  | 1                 | 1           | -       | -        | -         | -       | automatic buckles                             | 31852 | 87,40   |
| HT31 XL A | 1                 | 1           | -       | -        | -         | -       |                                               | 31872 | 90,25   |

# Standard harnesses



HARNESSES  
AND BELTS

|           | attachment points |             |         |          |           |         | Description          | Code  | Price € |
|-----------|-------------------|-------------|---------|----------|-----------|---------|----------------------|-------|---------|
|           | No                | Fall arrest |         |          | Support   |         |                      |       |         |
|           |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                      |       |         |
| HT33 S    | 3                 | 1           | -       | -        | -         | 2       | 5 adjustment points, | 33042 | 101,00  |
| HT33 M    | 3                 | 1           | -       | -        | -         | 2       | sub-pelvic strap,    | 18012 | 101,00  |
| HT33 XL   | 3                 | 1           | -       | -        | -         | 2       | belt                 | 12322 | 105,00  |
| HT33 S A  | 3                 | 1           | -       | -        | -         | 2       | 5 adjustment points, | 33062 | 152,00  |
| HT33 M A  | 3                 | 1           | -       | -        | -         | 2       | sub-pelvic strap,    | 33052 | 152,00  |
| HT33 XL A | 3                 | 1           | -       | -        | -         | 2       | belt,                | 33072 | 155,00  |
|           |                   |             |         |          |           |         | automatic buckles.   |       |         |
| HT34 S    | 6                 | 1           | 1       | 2        | -         | 2       | 5 adjustment points, | 35352 | 122,00  |
| HT34 M    | 6                 | 1           | 1       | 2        | -         | 2       | sub-pelvic strap,    | 35362 | 122,00  |
| HT34 XL   | 6                 | 1           | 1       | 2        | -         | 2       | belt                 | 35372 | 129,00  |
| HT34 S A  | 6                 | 1           | 1       | 2        | -         | 2       | 5 adjustment points, | 40782 | 172,00  |
| HT34 M A  | 6                 | 1           | 1       | 2        | -         | 2       | sub-pelvic strap,    | 40792 | 172,00  |
| HT34 XL A | 6                 | 1           | 1       | 2        | -         | 2       | belt,                | 40802 | 177,00  |
|           |                   |             |         |          |           |         | automatic buckles.   |       |         |
| HT42 S    | 3                 | 1           | -       | 2        | -         | -       |                      | 31622 | 62,00   |
| HT42 M    | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points, | 10042 | 62,00   |
| HT42 XL   | 3                 | 1           | -       | 2        | -         | -       | sub-pelvic strap,    | 31082 | 65,00   |
| HT42 S A  | 3                 | 1           | -       | 2        | -         | -       |                      | 31922 | 96,00   |
| HT42 M A  | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points, | 31912 | 96,00   |
| HT42 XL A | 3                 | 1           | -       | 2        | -         | -       | sub-pelvic strap,    | 31932 | 99,00   |
|           |                   |             |         |          |           |         | automatic buckles.   |       |         |
| HT43 S    | 4                 | 1           | 1       | 2        | -         | -       |                      | 33302 | 66,00   |
| HT43 M    | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points, | 33292 | 66,00   |
| HT43 XL   | 4                 | 1           | 1       | 2        | -         | -       | sub-pelvic strap,    | 33312 | 70,00   |
| HT43 S A  | 4                 | 1           | 1       | 2        | -         | -       |                      | 33332 | 102,00  |
| HT43 M A  | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points, | 33322 | 102,00  |
| HT43 XL A | 4                 | 1           | 1       | 2        | -         | -       | sub-pelvic strap,    | 33342 | 105,00  |
|           |                   |             |         |          |           |         | automatic buckles.   |       |         |

HT33



HT34



HT42



HT43



PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

# Standard harnesses



**HT44**



**HT44 E**



**HT45**



**HT45 E**



Elastrac™ packs (Tractel® patent) provide elasticity through the back straps, offering optimum user comfort.

|             | attachment points |             |         |          |           |         | Description              | Code  | Price € |
|-------------|-------------------|-------------|---------|----------|-----------|---------|--------------------------|-------|---------|
|             | No                | Fall arrest |         |          | Support   |         |                          |       |         |
|             |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                          |       |         |
| HT44 S      | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points,     | 44102 | 66,50   |
| HT44 M      | 3                 | 1           | -       | 2        | -         | -       | sub-pelvic strap,        | 44112 | 66,50   |
| HT44 XL     | 3                 | 1           | -       | 2        | -         | -       | high-comfort leg straps. | 44122 | 70,30   |
| HT44 S A    | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points,     | 50732 | 99,00   |
| HT44 M A    | 3                 | 1           | -       | 2        | -         | -       | sub-pelvic strap,        | 50742 | 101,00  |
| HT44 XL A   | 3                 | 1           | -       | 2        | -         | -       | high-comfort leg straps. | 50752 | 104,00  |
| HT44 S E    | 3                 | 1           | -       | 2        | -         | -       | automatic buckles.       | 55672 | 99,00   |
| HT44 M E    | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points,     | 55682 | 99,00   |
| HT44 XL E   | 3                 | 1           | -       | 2        | -         | -       | sub-pelvic strap,        | 55692 | 102,00  |
| HT44 S A E  | 3                 | 1           | -       | 2        | -         | -       | high-comfort leg straps, | 54892 | 136,00  |
| HT44 M A E  | 3                 | 1           | -       | 2        | -         | -       | Elastrac packs.          | 54902 | 136,00  |
| HT44 XL A E | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points,     | 54912 | 141,00  |
| HT45 S      | 2                 | 1           | 1       | -        | -         | -       | sub-pelvic strap,        | 55012 | 77,00   |
| HT45 M      | 2                 | 1           | 1       | -        | -         | -       | high-comfort leg straps. | 55022 | 77,00   |
| HT45 XL     | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points,     | 55032 | 81,00   |
| HT45 S A    | 2                 | 1           | 1       | -        | -         | -       | sub-pelvic strap,        | 53072 | 114,00  |
| HT45 M A    | 2                 | 1           | 1       | -        | -         | -       | high-comfort leg straps, | 53082 | 114,00  |
| HT45 XL A   | 2                 | 1           | 1       | -        | -         | -       | automatic buckles.       | 53092 | 118,00  |
| HT45 S E    | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points,     | 55702 | 90,00   |
| HT45 M E    | 2                 | 1           | 1       | -        | -         | -       | sub-pelvic strap,        | 55712 | 93,00   |
| HT45 XL E   | 2                 | 1           | 1       | -        | -         | -       | high-comfort leg straps, | 55722 | 95,00   |
| HT45 S A E  | 2                 | 1           | 1       | -        | -         | -       | Elastrac packs.          | 54922 | 127,00  |
| HT45 M A E  | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points,     | 54932 | 130,00  |
| HT45 XL A E | 2                 | 1           | 1       | -        | -         | -       | sub-pelvic strap,        | 54942 | 135,00  |
|             |                   |             |         |          |           |         | high-comfort leg straps, |       |         |
|             |                   |             |         |          |           |         | Elastrac packs.          |       |         |
|             |                   |             |         |          |           |         | automatic buckles.       |       |         |

# Standard harnesses



HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

|             | attachment points |             |         |          |           |         | Description                                                       | Code  | Price € |
|-------------|-------------------|-------------|---------|----------|-----------|---------|-------------------------------------------------------------------|-------|---------|
|             | No                | Fall arrest |         |          | Support   |         |                                                                   |       |         |
|             |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                                                                   |       |         |
| HT46 S      | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points,                                              | 55042 | 88,00   |
| HT46 M      | 4                 | 1           | 1       | 2        | -         | -       | sub-pelvic strap,                                                 | 55052 | 88,00   |
| HT46 XL     | 4                 | 1           | 1       | 2        | -         | -       | high-comfort leg straps.                                          | 55062 | 93,00   |
| HT46 S A    | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points,                                              | 52972 | 122,00  |
| HT46 M A    | 4                 | 1           | 1       | 2        | -         | -       | sub-pelvic strap,                                                 | 52982 | 122,00  |
| HT46 XL A   | 4                 | 1           | 1       | 2        | -         | -       | high-comfort leg straps,<br>automatic buckles.                    | 52992 | 127,00  |
| HT46 S E    | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points,                                              | 55732 | 110,00  |
| HT46 M E    | 4                 | 1           | 1       | 2        | -         | -       | sub-pelvic strap,                                                 | 55742 | 110,00  |
| HT46 XL E   | 4                 | 1           | 1       | 2        | -         | -       | high-comfort leg straps,<br>Elastrac packs.                       | 55752 | 114,00  |
| HT46 S A E  | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points,                                              | 54952 | 147,00  |
| HT46 M A E  | 4                 | 1           | 1       | 2        | -         | -       | sub-pelvic strap,                                                 | 54962 | 147,00  |
| HT46 XL A E | 4                 | 1           | 1       | 2        | -         | -       | high-comfort leg straps,<br>automatic buckles,<br>Elastrac packs. | 54972 | 152,00  |



Elastrac™ packs (Tractel® patent) provide elasticity through the back straps, offering optimum user comfort.

|          | attachment points |             |         |          |           |         | Description              | Code  | Price € |
|----------|-------------------|-------------|---------|----------|-----------|---------|--------------------------|-------|---------|
|          | No                | Fall arrest |         |          | Support   |         |                          |       |         |
|          |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                          |       |         |
| HT120 S  | 4                 | 1           | -       | 2        | 1         | -       | 5 adjustment points,     | 61702 | 119,00  |
| HT120 M  | 4                 | 1           | -       | 2        | 1         | -       | sub-pelvic strap,        | 61712 | 119,00  |
| HT120 XL | 4                 | 1           | -       | 2        | 1         | -       | high-comfort leg straps. | 61722 | 124,00  |

The HT120 harness increases user comfort during the ascent of ladders equipped with belay systems through its umbilical attachment point which also allows the user to remain upright during a fall.



**HT54**



**HT54 A**



**HT55**



**HT55 A**



All HT54, HT55 and HT56 harnesses are equipped with X-Pad back packs for comfort.

|                | attachment points |             |         |          |           |         | Description                                                                                        | Code  | Price € |
|----------------|-------------------|-------------|---------|----------|-----------|---------|----------------------------------------------------------------------------------------------------|-------|---------|
|                | No                | Fall arrest |         |          | Support   |         |                                                                                                    |       |         |
|                |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                                                                                                    |       |         |
| HT54 S XP      | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points, sub-pelvic strap, high-comfort leg straps.                                    | 65502 | 106,00  |
| HT54 M XP      | 3                 | 1           | -       | 2        | -         | -       |                                                                                                    | 65512 | 106,00  |
| HT54 XL XP     | 3                 | 1           | -       | 2        | -         | -       |                                                                                                    | 65522 | 111,00  |
| HT54 S A XP    | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points, sub-pelvic strap, high-comfort leg straps, automatic buckles.                 | 65532 | 139,00  |
| HT54 M A XP    | 3                 | 1           | -       | 2        | -         | -       |                                                                                                    | 65542 | 139,00  |
| HT54 XL A XP   | 3                 | 1           | -       | 2        | -         | -       |                                                                                                    | 65552 | 144,00  |
| HT54 S A E XP  | 3                 | 1           | -       | 2        | -         | -       | 5 adjustment points, sub-pelvic strap, high-comfort leg straps, automatic buckles, Elastrac packs. | 65562 | 160,00  |
| HT54 M A E XP  | 3                 | 1           | -       | 2        | -         | -       |                                                                                                    | 65572 | 160,00  |
| HT54 XL A E XP | 3                 | 1           | -       | 2        | -         | -       |                                                                                                    | 65582 | 165,00  |
| HT55 S XP      | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points, sub-pelvic strap, high-comfort leg straps.                                    | 65592 | 101,00  |
| HT55 M XP      | 2                 | 1           | 1       | -        | -         | -       |                                                                                                    | 65602 | 101,00  |
| HT55 XL XP     | 2                 | 1           | 1       | -        | -         | -       |                                                                                                    | 65612 | 106,00  |
| HT55 S A XP    | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points, sub-pelvic strap, high-comfort leg straps, automatic buckles.                 | 65622 | 134,00  |
| HT55 M A XP    | 2                 | 1           | 1       | -        | -         | -       |                                                                                                    | 65632 | 134,00  |
| HT55 XL A XP   | 2                 | 1           | 1       | -        | -         | -       |                                                                                                    | 65642 | 139,00  |
| HT55 S A E XP  | 2                 | 1           | 1       | -        | -         | -       | 5 adjustment points, sub-pelvic strap, high-comfort leg straps, automatic buckles, Elastrac packs. | 65652 | 154,00  |
| HT55 M A E XP  | 2                 | 1           | 1       | -        | -         | -       |                                                                                                    | 65662 | 154,00  |
| HT55 XL A E XP | 2                 | 1           | 1       | -        | -         | -       |                                                                                                    | 65672 | 159,00  |



# Standard harnesses



HARNESSES  
AND BELTS

|                | attachment points |             |         |          |           |         | Description                                  | Code  | Price € |
|----------------|-------------------|-------------|---------|----------|-----------|---------|----------------------------------------------|-------|---------|
|                | No                | Fall arrest |         |          | Support   |         |                                              |       |         |
|                |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                                              |       |         |
| HT56 S XP      | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points,<br>sub-pelvic strap,    | 65302 | 111,00  |
| HT56 M XP      | 4                 | 1           | 1       | 2        | -         | -       | fall indicators,<br>high-comfort leg straps. | 65312 | 111,00  |
| HT56 XL XP     | 4                 | 1           | 1       | 2        | -         | -       |                                              | 65322 | 116,00  |
| HT56 S A XP    | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points,<br>sub-pelvic strap,    | 65332 | 144,00  |
| HT56 M A XP    | 4                 | 1           | 1       | 2        | -         | -       | fall indicators,<br>high-comfort leg straps, | 65342 | 144,00  |
| HT56 XL A XP   | 4                 | 1           | 1       | 2        | -         | -       | automatic buckles.                           | 65352 | 149,00  |
| HT56 S A E XP  | 4                 | 1           | 1       | 2        | -         | -       | 5 adjustment points,<br>sub-pelvic strap,    | 65682 | 166,00  |
| HT56 M A E XP  | 4                 | 1           | 1       | 2        | -         | -       | fall indicators,<br>high-comfort leg straps, | 65692 | 166,00  |
| HT56 XL A E XP | 4                 | 1           | 1       | 2        | -         | -       | automatic buckles,<br>Elastrac packs.        | 65702 | 171,00  |

HT56



HT56 A



All HT54, HT55 and HT56 harnesses are equipped with X-Pad back packs for comfort.

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

## Harnesses for women

|                        | attachment points |             |         |          |           |         | Description                                                                                                             | Code  | Price € |
|------------------------|-------------------|-------------|---------|----------|-----------|---------|-------------------------------------------------------------------------------------------------------------------------|-------|---------|
|                        | No                | Fall arrest |         |          | Support   |         |                                                                                                                         |       |         |
|                        |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |                                                                                                                         |       |         |
| HT Ladytrac™<br>M A    | 1                 | 1           | -       | -        | -         | -       | 1 attachment point,<br>legs adjustment with<br>automatic buckles,                                                       | 55882 | 173,00  |
| HT Ladytrac™<br>XL A   | 1                 | 1           | -       | -        | -         | -       | adjustable jacket<br>made with stretch and<br>polycotton textile                                                        | 55892 | 191,00  |
| HT Ladytrac™ B<br>M A  | 3                 | 1           | -       | -        | -         | 2       | 3 attachment points,<br>legs adjustment with<br>automatic buckles,                                                      | 55282 | 218,00  |
| HT Ladytrac™ B<br>XL A | 3                 | 1           | -       | -        | -         | 2       | 1 positioning belt, 2<br>lateral attachment<br>points, adjustable jacket<br>made with stretch and<br>polycotton textile | 55292 | 236,00  |



RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

## HT Easyclimb



## HT Easyclimb (back)



## HT Electra



## HT Electra (back)



|  | attachment points |             |         |          |           | Description | Code | Price € |         |
|--|-------------------|-------------|---------|----------|-----------|-------------|------|---------|---------|
|  | No                | Fall arrest |         |          | Support   |             |      |         |         |
|  |                   | Dorsal      | Sternal | Thoracic | Umbilical |             |      |         | Lateral |

### LADDER CLIMBING

|                        |   |   |   |   |   |   |                                                                   |       |        |
|------------------------|---|---|---|---|---|---|-------------------------------------------------------------------|-------|--------|
| HT Easyclimb S A XP    | 6 | 1 | - | 2 | 1 | 2 | 5 adjustment points, X-Pad comfort back pads,                     | 66482 | 317,00 |
| HT Easyclimb M A XP    | 6 | 1 | - | 2 | 1 | 2 | automatic buckles, fall indicators,                               | 66492 | 317,00 |
| HT Easyclimb XL A XP   | 6 | 1 | - | 2 | 1 | 2 | umbilical anchorage point, anti roll-back system                  | 66502 | 322,00 |
| HT Easyclimb S A E XP  | 6 | 1 | - | 2 | 1 | 2 | 5 adjustment points, X-Pad comfort back pads,                     | 66452 | 340,00 |
| HT Easyclimb M A E XP  | 6 | 1 | - | 2 | 1 | 2 | automatic buckles, fall indicators,                               | 66462 | 340,00 |
| HT Easyclimb XL A E XP | 6 | 1 | - | 2 | 1 | 2 | umbilical anchorage point, anti roll-back system, Elastrac packs. | 66472 | 345,00 |

### POLE-CLIMBING, UTILITIES INDUSTRY

|                      |   |   |   |   |   |   |                                               |       |        |
|----------------------|---|---|---|---|---|---|-----------------------------------------------|-------|--------|
| HT Electra S A XP    | 4 | 1 | 1 | - | - | 2 | 5 adjustment points,                          | 65272 | 261,00 |
| HT Electra M A XP    | 4 | 1 | 1 | - | - | 2 | X-Pad comfort back pads, automatic buckles,   | 65282 | 261,00 |
| HT Electra XL A XP   | 4 | 1 | 1 | - | - | 2 | fall indicators, 150° rotation.               | 65292 | 266,00 |
| HT Electra S A E XP  | 4 | 1 | 1 | - | - | 2 | 5 adjustment points, X-Pad comfort back pads, | 65912 | 283,00 |
| HT Electra M A E XP  | 4 | 1 | 1 | - | - | 2 | automatic buckles, fall indicators,           | 65922 | 283,00 |
| HT Electra XL A E XP | 4 | 1 | 1 | - | - | 2 | 150° rotation, Elastrac packs.                | 65932 | 288,00 |

# Technical harnesses



HARNESSES  
AND BELTS

|  | attachment points |             |         |          |           |         | Description | Code | Price € |
|--|-------------------|-------------|---------|----------|-----------|---------|-------------|------|---------|
|  | No                | Fall arrest |         |          | Support   |         |             |      |         |
|  |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |             |      |         |

## ROPE ACCESS

|                      |   |   |   |   |   |   |                                                                                                                                                                                                            |       |        |
|----------------------|---|---|---|---|---|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| HT Promast S A XP    | 5 | 1 | 1 | - | 1 | 2 | 5 adjustment points,<br>X-Pad comfort back pads,                                                                                                                                                           | 65242 | 245,00 |
| HT Promast M A XP    | 5 | 1 | 1 | - | 1 | 2 | automatic buckles,<br>fall indicators,                                                                                                                                                                     | 65252 | 245,00 |
| HT Promast XL A XP   | 5 | 1 | 1 | - | 1 | 2 | high-comfort leg straps.                                                                                                                                                                                   | 65262 | 250,00 |
| HT Promast S A E XP  | 5 | 1 | 1 | - | 1 | 2 | 5 adjustment points,<br>X-Pad comfort back pads,                                                                                                                                                           | 65712 | 266,00 |
| HT Promast M A E XP  | 5 | 1 | 1 | - | 1 | 2 | automatic buckles,<br>fall indicators,                                                                                                                                                                     | 65722 | 266,00 |
| HT Promast XL A E XP | 5 | 1 | 1 | - | 1 | 2 | Elastrac packs,<br>high-comfort leg straps.                                                                                                                                                                | 65732 | 271,00 |
| HT Secours S XP      | 5 | 1 | 1 | - | 1 | 2 | 5 adjustment points,<br>X-Pad comfort back pads,                                                                                                                                                           | 66132 | 190,00 |
| HT Secours M XP      | 5 | 1 | 1 | - | 1 | 2 | fall indicators,<br>high-comfort leg straps.                                                                                                                                                               | 66142 | 190,00 |
| HT Secours XL XP     | 5 | 1 | 1 | - | 1 | 2 |                                                                                                                                                                                                            | 66152 | 195,00 |
| HT Secours S A XP    | 5 | 1 | 1 | - | 1 | 2 | 5 adjustment points,<br>X-Pad comfort back pads,                                                                                                                                                           | 65882 | 211,00 |
| HT Secours M A XP    | 5 | 1 | 1 | - | 1 | 2 | automatic buckles,<br>fall indicators,                                                                                                                                                                     | 65892 | 211,00 |
| HT Secours XL A XP   | 5 | 1 | 1 | - | 1 | 2 | high-comfort leg straps.                                                                                                                                                                                   | 65902 | 216,00 |
| Work seat            |   |   |   |   |   |   | Wide and ergonomic. For working in a seated position for a long period of time. Rigid sides to avoid thigh compression. Three tools holders. Positioned on back of HT Secours, HT Promast or HT Transport. | 65762 | 119,00 |

## HT Promast



## HT Promast (back)



## HT Secours



## HT Secours (back)



Work seat

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

## HT Transport



## HT Transport (back)



Work seat

## HT Greentool



## HT Greentool (back)



|  | attachment points |             |         |          |           |         | Description | Code | Price € |
|--|-------------------|-------------|---------|----------|-----------|---------|-------------|------|---------|
|  | No                | Fall arrest |         |          | Support   |         |             |      |         |
|  |                   | Dorsal      | Sternal | Thoracic | Umbilical | Lateral |             |      |         |

### PYLON WORK

|                        |   |   |   |   |   |   |                                                                                                                                                                                                            |       |        |
|------------------------|---|---|---|---|---|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| HT Transport S A XP    | 4 | 1 | 1 | - | 1 | 1 | 5 adjustment points,<br>X-Pad comfort back pads,                                                                                                                                                           | 65942 | 256,00 |
| HT Transport M A XP    | 4 | 1 | 1 | - | 1 | 1 | automatic buckles,<br>fall indicators,                                                                                                                                                                     | 65952 | 256,00 |
| HT Transport XL A XP   | 4 | 1 | 1 | - | 1 | 1 | high-comfort leg straps.                                                                                                                                                                                   | 65962 | 261,00 |
| HT Transport S A E XP  | 4 | 1 | 1 | - | 1 | 1 | 5 adjustment points,<br>X-Pad comfort back pads,                                                                                                                                                           | 65972 | 277,00 |
| HT Transport M A E XP  | 4 | 1 | 1 | - | 1 | 1 | automatic buckles,<br>fall indicators,                                                                                                                                                                     | 65982 | 277,00 |
| HT Transport XL A E XP | 4 | 1 | 1 | - | 1 | 1 | Elastrac packs,<br>high-comfort leg straps.                                                                                                                                                                | 65992 | 282,00 |
| Work seat              |   |   |   |   |   |   | Wide and ergonomic. For working in a seated position for a long period of time. Rigid sides to avoid thigh compression. Three tools holders. Positioned on back of HT Secours, HT Promast or HT Transport. | 65762 | 119,00 |

### FOR TREE SURGEONS

|                        |   |   |   |   |   |   |                                                  |       |        |
|------------------------|---|---|---|---|---|---|--------------------------------------------------|-------|--------|
| HT Greentool S A XP    | 5 | 1 | 1 | - | 1 | 2 | 6 adjustment points,<br>X-Pad comfort back pads, | 66002 | 290,00 |
| HT Greentool M A XP    | 5 | 1 | 1 | - | 1 | 2 | automatic buckles,<br>fall indicators,           | 66012 | 290,00 |
| HT Greentool XL A XP   | 5 | 1 | 1 | - | 1 | 2 | high comfort Work seat.                          | 66022 | 295,00 |
| HT Greentool S A E XP  | 5 | 1 | 1 | - | 1 | 2 | 6 adjustment points,<br>X-Pad comfort back pads, | 66032 | 312,00 |
| HT Greentool M A E XP  | 5 | 1 | 1 | - | 1 | 2 | automatic buckles,<br>fall indicators,           | 66042 | 312,00 |
| HT Greentool XL A E XP | 5 | 1 | 1 | - | 1 | 2 | high comfort Work seat,<br>Elastrac packs.       | 66052 | 317,00 |

# Belts and accessories

HARNESSES AND BELTS  
PPE KITS  
FALL ARRESTERS  
LANYARDS AND CONNECTORS  
LIFELINES AND ANCHOR POINTS  
RESCUE  
FABA™ TRACTELIFT  
ACCESSORIES

| Description  | Description                                                          | Code  | Price € |
|--------------|----------------------------------------------------------------------|-------|---------|
| belt CE05    | 2 laterals attachment points, with 1.5 m lanyard, with M10 connector | 33132 | 63,00   |
| belt CE03 S  | 2 laterals attachment points, pressed steel D                        | 11812 | 41,00   |
| belt CE03 M  | 2 laterals attachment points, pressed steel D                        | 11792 | 41,00   |
| belt CE03 XL | 2 laterals attachment points, pressed steel D                        | 11802 | 46,00   |

| Description     | Description                                                                                  | Code  | Price € |
|-----------------|----------------------------------------------------------------------------------------------|-------|---------|
| belt CE01 S     | 2 laterals attachment points, 45 mm D                                                        | 32882 | 43,00   |
| belt CE01 M     | 2 laterals attachment points, 45 mm D                                                        | 10052 | 43,00   |
| belt CE01 XL    | 2 laterals attachment points, 45 mm D                                                        | 10062 | 45,00   |
| belt CE02 S     | 2 laterals attachment points, D 60 mm curved                                                 | 32892 | 54,00   |
| belt CE02 M     | 2 laterals attachment points, D 60 mm curved                                                 | 10082 | 54,00   |
| belt CE02 XL    | 2 laterals attachment points, D 60 mm curved                                                 | 10092 | 56,00   |
| belt CE04 S     | 2 laterals attachment points, 1 umbilical anchorage, D 45 mm                                 | 11842 | 56,00   |
| belt CE04 M     | 2 lateral attachment points, 1 umbilical anchorage, D 45 mm                                  | 11822 | 56,00   |
| belt CE04 XL    | 2 lateral attachment points, 1 umbilical anchorage, D 45 mm                                  | 11832 | 58,00   |
| easy jacket     | removable jacket                                                                             | 31782 | 19,95   |
| French jacket   | removable jacket, perspiration prevention net, side pockets                                  | 40522 | 40,00   |
|                 | jacket with HT22 harness, size M                                                             | 44232 | 98,00   |
|                 | jacket with HT42 harness, size M                                                             | 44242 | 107,00  |
| American jacket | removable jacket, perspiration prevention net, side pockets, fluorescent strip               | 37492 | 44,18   |
| Italian jacket  | removable jacket, perspiration prevention net, side pockets                                  | 17912 | 38,30   |
| shoulder strap  | padded shoulder straps                                                                       | 10112 | 13,10   |
| RL webbing      | rescue webbing for dorsal (rear) anchorage point                                             | 32872 | 32,60   |
| R webbing       | recue webbing for braces                                                                     | 32862 | 12,90   |
| X-PAD           | X-Pad comfort backpads for harness (except models HT Secours, HT Transport and HT Greentool) | 62672 | 37,00   |
| Comfort Strap   | Comfort Strap against the compression produced by the harness on the user's thighs           | 66182 | 27,40   |



# Fall protection kits



**Tractel®**, Fall Arrest Safety Specialist, develops and manufactures its products in France. For 20 years, its Marketing and R & D teams have worked at innovating and improving fall arrest equipment in order to anticipate its customer's needs in terms of safety, comfort, ergonomics and style. By offering Fall Arrest Kits specially adapted to each business sector, **Tractel®** meets the challenges facing professionals in determining appropriate fall arrest solutions. Although a fall arrest solution must above all protect the user against the risk of falling from a height, it must also take into account many other factors:

- The comfort of the user,
- The speed of setting up
- Ease of use,
- The normal working posture,
- The mobility needed for working,
- Access to anchor points.

**In choosing a Tractel® Fall Arrest Kit the professional is sure to choose the optimal fall arrest solution for its business sector: the ergonomic suitability of this kit will guarantee careful use and, therefore optimum safety.**

\* TRACTEL®, in addition to the kits presented in this price range, will study, depending on the quantity required, kits adapted to other business sectors, or for specific uses. If interested, please do not hesitate to contact us.

## For every profession, a Tractel® fall protection kit

### Maintenance 1



**Kits for industrial maintenance, with adjustable length fall arrester lanyard with ring to create an anchor point.**

#### Advantages of the 4 kits:

- Fixed adjustable harness and rapid locking
- Adjustable length fall arrester to minimise fall height
- Lanyard ring for easily creating an anchor point on any structure

### Maintenance 2



### Maintenance 3



### Maintenance 4



| Description                     | Description                               | Specific advantages                                                                                                                                                                                                                                                                                                                                                              | Code  | Price €       |
|---------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>Industrial Maintenance 1</b> | HT31, blocfor™ 2 ESD, AS19S, combipro 20I | <ul style="list-style-type: none"> <li>• Automatic adjustment of the length of the fall arrester to a distance of 2 meters</li> </ul>                                                                                                                                                                                                                                            | 38432 | <b>193,00</b> |
| <b>Industrial Maintenance 2</b> | HT31, Lanyard LCAR, AS19, combipro 20I    | <ul style="list-style-type: none"> <li>• Manual adjustment of the length of the fall arrester to a distance of 2 meters</li> </ul>                                                                                                                                                                                                                                               | 40652 | <b>189,00</b> |
| <b>Industrial Maintenance 3</b> | HT42, blocfor™ 6 ESD, AS19S, combipro 30I | <ul style="list-style-type: none"> <li>• Harness fitted with 3 attachment points (1 dorsal and 2 thoracic) enabling the professional to select the most effective attachment point for their working position</li> <li>• Automatic adjustment of the length of the fall arrester to a distance of 6 meters</li> <li>• Use of the authorised horizontal fall arrester</li> </ul>  | 40052 | <b>371,00</b> |
| <b>Industrial Maintenance 4</b> | HT22, blocfor™ 1.8A ESD, combipro 20I     | <ul style="list-style-type: none"> <li>• Harness fitted with 2 attachment points (1 dorsal and 2 sternal) enabling the professional to select the most effective attachment point for their working position</li> <li>• Automatic adjustment of the length of the fall arrester to a distance of 1.8 meters</li> <li>• Use of the authorised horizontal fall arrester</li> </ul> | 67472 | <b>204,00</b> |

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS



**Kits enabling the securing and maintaining of increased freedom of movement in a cradle.**

RESCUE

| Description                   | Description                           | Specific advantages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Code  | Price €       |
|-------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>Aerial work platform 1</b> | HT22, Lanyard LC, combipro 20I        | <ul style="list-style-type: none"> <li>• Securing kits for small size elevator cradles</li> <li>• Harness with 2 attachment points (1 dorsal and sternal 1) enabling the professional to select the most effective attachment point for their working position within a elevator cradle</li> </ul>                                                                                                                                                                                                                                                                                                            | 67512 | <b>98,00</b>  |
| <b>Aerial work platform 2</b> | HT45, blocfor™ 1.8A ESD, combipro 20I | <ul style="list-style-type: none"> <li>• Fall Arrest Kit for large elevator cradles, enabling the professional to move freely within the cradle using a fall arrester lanyard permanently adjusted to a length of 1.8 meters</li> <li>• Harness with 2 attachment points (1 dorsal and sternal 1) enabling the professional to select the most effective attachment point for their working position within a elevator cradle</li> <li>• Harness equipped with an articulated leg straps offering greater mobility and a high level of comfort, especially recommended for long-term interventions</li> </ul> | 67522 | <b>219,00</b> |

FABA™  
TRACTELIFT

ACCESSORIES

### Aerial work platform 1



### Aerial work platform 2



# Fall protection kits

**Roofer 1**



**Roofer 2**



**Roofer 3**



**Roofer 4**



**Roofer**

**Kits for use by Roofers, Carpenters and Metal Workers, enabling greater freedom of movement and control over working positions.**

**Advantages of the 4 kits:**

- The sternal attachment point of the HT22 harness enables the professional to come in direct contact with the roof.
- The locking function of the stopfor™ ML and stopfor™ SK enables the professional to maintain themselves on the slope of the roof
- The stopfor™ ML and stopfor™ SK lanyard enables the professional to work at a distance from the fall arrester rope.

| Description     | Description                                                       | Specific advantages                                                                                                                                                                                                                                | Code  | Price €       |
|-----------------|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>Roofer 1</b> | HT22, stopfor™ ML, Rope 10m, M10, Combipro 30l                    | <ul style="list-style-type: none"> <li>• Secured intervention distance (rope length): 10m</li> </ul>                                                                                                                                               | 40862 | <b>248,00</b> |
| <b>Roofer 2</b> | HT22, stopfor™ ML, Rope 15m, M10, Combipro 30l                    | <ul style="list-style-type: none"> <li>• Secured intervention distance (rope length): 15m</li> </ul>                                                                                                                                               | 40872 | <b>265,00</b> |
| <b>Roofer 3</b> | HT22, stopfor™ ML, Rope 20m, M10, Combipro 30l                    | <ul style="list-style-type: none"> <li>• Secured intervention distance (rope length): 20m</li> </ul>                                                                                                                                               | 40882 | <b>277,00</b> |
| <b>Roofer 4</b> | HT22, stopfor™ SK, Lanyard LC12-2 B-B Rope 15m, M10, Combipro 30l | <ul style="list-style-type: none"> <li>• Secured intervention distance (rope length): 15m</li> <li>• The polyamide fall arrester lanyard is particularly resistant to abrasion and is therefore recommended for traditional style roofs</li> </ul> | 38422 | <b>370,00</b> |



**Scaffolder**

**Kit designed for scaffolding installers**

**Scaffolder**



| Description       | Description                        | Specific advantages                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Code  | Price €       |
|-------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>Scaffolder</b> | HT22, blocfor™ 2 ESD, combipro 20l | <ul style="list-style-type: none"> <li>• Harness fitted with 2 attachment points (1 dorsal and 1 sternal) enabling the professional to select the most effective attachment point for their working position</li> <li>• Automatic adjustment of the length of the fall arrester to a distance of 2 meters in order to minimise the height of a possible fall</li> <li>• A lightweight, large aperture aluminium connector enables anchoring to a tube of up to 60mm in diameter</li> </ul> | 40182 | <b>223,00</b> |





**Kits designed for use by occasional tree surgeons, ensuring optimum comfort and safety.**

PPE KITS

## Tree Surgeon 1, 2 and 3



| Description               | Description                                            | Specific advantages                                                                                                                                                                                                                                                                                                                                      | Code  | Price €       |
|---------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>Tree Surgeon ECO 1</b> | HT Secours, stopfor™ ML, Rope 20m, LCM03, Combipro 60l | <ul style="list-style-type: none"> <li>• Very comfortable harness for suspended working</li> <li>• Retaining lanyard fitted with cut resistant rope</li> <li>• stopfor™ ML manual slide with locking function enabling the professional to locate themselves in their workstation</li> <li>• Secured intervention distance (rope length): 20m</li> </ul> | 38452 | <b>611,00</b> |
| <b>Tree Surgeon ECO 2</b> | HT Secours, stopfor™ ML, Rope 30m, LCM03, Combipro 60l | <ul style="list-style-type: none"> <li>• Very comfortable harness for suspended working</li> <li>• Retaining lanyard fitted with cut resistant rope</li> <li>• stopfor™ ML manual slide with locking function enabling the professional to locate themselves in their workstation</li> <li>• Secured intervention distance (rope length): 30m</li> </ul> | 38472 | <b>639,00</b> |
| <b>Tree Surgeon ECO 3</b> | HT Secours, stopfor™ ML, Rope 40m, LCM03, Combipro 60l | <ul style="list-style-type: none"> <li>• Very comfortable harness for suspended working</li> <li>• Retaining lanyard fitted with cut resistant rope</li> <li>• stopfor™ ML manual slide with locking function enabling the professional to locate themselves in their workstation</li> <li>• Secured intervention distance (rope length): 40m</li> </ul> | 38462 | <b>665,00</b> |

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS



**Kits for professional tree surgeons designed for long duration interventions.**

RESCUE

## Tree Surgeon PRO 1 and 2



| Description               | Description                                                                          | Specific advantages                                                                                                                                                                                                                                                                                                     | Code  | Price €       |
|---------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>Tree Surgeon PRO 1</b> | HT Greentool, Prussik knot, kernmantle rope for tree puning 30m, LCM03, Combipro 60l | <ul style="list-style-type: none"> <li>• Very comfortable harness equipped with a sling seat</li> <li>• Retaining lanyard fitted with cut resistant rope</li> <li>• Tree pruning rope equipped with a Prussik knot for ease of mobility in trees</li> <li>• Secured intervention distance (rope length): 30m</li> </ul> | 51982 | <b>757,00</b> |
| <b>Tree Surgeon PRO 2</b> | HT Greentool, Prussik knot, kernmantle rope for tree puning 40m, LCM03, Combipro 60l | <ul style="list-style-type: none"> <li>• Very comfortable harness equipped with a sling seat</li> <li>• Retaining lanyard fitted with cut resistant rope</li> <li>• Tree pruning rope equipped with a Prussik knot for ease of mobility in trees</li> <li>• Secured intervention distance (rope length): 40m</li> </ul> | 51992 | <b>803,00</b> |

FABA™  
TRACTELIFT

ACCESSORIES

# Fall protection kits

## Kits for waterprooferers working on slight gradient terrace roofs.



### Weatherproofing contractors 1



### Weatherproofing contractors 2



#### Advantages of the 2 kits:

blocfor™ 10 ESD Self Retracting fall arrester:

- is certified for use in a horizontal position,
- enables the fall arrester to be adjusted to a length of 10 meters,
- is equipped with an ESD patented system limiting shock in the event of a fall on a fully unwound rope,
- complies with European VG11/CNB/P/ 11.60 document relating to the resistance of the fall arrester on stopping impact on a radius of up to 0.5mm

| Description                   | Description                                | Specific advantages                                                                                                                                                                                                                                                                                                                                                                          | Code  | Price € |
|-------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Weatherproofing contractors 1 | HT22, blocfor™ 10 ESD, AS19S, combipro 30I | <ul style="list-style-type: none"> <li>• Harness fitted with 2 attachment points (1 dorsal and 1 sternal) enabling the professional to select the most effective attachment point for their working position</li> </ul>                                                                                                                                                                      | 38412 | 478,00  |
| Weatherproofing contractors 2 | HT45, blocfor™ 10 ESD, AS19S, combipro 30I | <ul style="list-style-type: none"> <li>• Harness fitted with 2 attachment points (1 dorsal and 1 sternal) enabling the professional to select the most effective attachment point for their working position</li> <li>• Harness equipped with an articulated leg straps offering greater mobility and a high level of comfort, especially recommended for long-term interventions</li> </ul> | 64242 | 501,00  |



### Crane operator



## Kits designed for professionals responsible for the installation, control and maintenance of cranes.

| Description         | Description                        | Specific advantages                                                                                                                                                                                                                                                                                                                                                                                                  | Code  | Price € |
|---------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Crane operator 1.75 | HT31, LSA with webbing lanyard M51 | <ul style="list-style-type: none"> <li>• Fixed adjustable harness and rapid locking</li> <li>• Lanyard equipped with a shock absorber protecting the user against a fall from height even when they have anchored their lanyard to a support which is at the same level as their feet (fall factor 2)</li> <li>• Lightweight large aperture aluminium connector enabling anchoring to the crane structure</li> </ul> | 37352 | 158,00  |

**Kits designed for professionals working on windows or other exterior openings on premises not equipped with anchor points.**



**Advantages of the 2 kits:**

- Fixed adjustable harness and rapid locking
- Anchor Point: Door Bar, transportable in shoulder bag, which can be installed in the width of doors between 0.60 to 0.90 m (for 2 users) or between 0.60 to 1.10 m (for 1 user).
- The great length of the rope (20 m) is used to anchor onto door supports far from the work area.

**Window cleaner 1**



**Window cleaner 2**



| Description      | Description                                                                          | Specific advantages                                                                                                                                                    | Code  | Price € |
|------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Window cleaner 1 | HT31,<br>stopfor™ SL,<br>Rope 20m,<br>Protective sleeve,<br>Door bar<br>Door bar bag | <ul style="list-style-type: none"> <li>• Automatic stopfor™ SL slider gives the operator the ability to move freely along the rope</li> </ul>                          | 40292 | 658,00  |
| Window cleaner 2 | HT22,<br>stopfor™ ML,<br>Rope 20m,<br>Protective sleeve,<br>Door bar<br>Door bar bag | <ul style="list-style-type: none"> <li>• stopfor™ ML manual slide with locking function enabling the professional to locate themselves in their workstation</li> </ul> | 67542 | 670,00  |



**Basic kit for professionals working occasionally on pylons.**

**Pylon worker**



| Description  | Description                                                         | Specific advantages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Code  | Price € |
|--------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Pylon worker | HT42 + belt,<br>stopfor™ SL,<br>Rope 20m,<br>AS19S,<br>combipro 30I | <ul style="list-style-type: none"> <li>• Harness fitted with 3 attachment points (1 dorsal and 2 thoracic) enabling the professional to select the most effective attachment point for their working position</li> <li>• Work location maintenance provided by the CE02 belt and LCM02 supporting lanyard</li> <li>• Lanyard ring for easily creating an anchor point on any structure</li> <li>• stopfor™ SL fall arrester with a 20m rope allows the professional to move freely at a great height</li> </ul> | 40042 | 431,00  |

# Fall protection kits

Easytrac 1



Easytrac 2



Easytrac 3



Easytrac 4



## Kits for occasional jobs

| Description | Description                                            | Specific advantages                                                                                  | Code  | Price € |
|-------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------|---------|
| Easytrac 1  | HT10, LSA, combipro 20l                                | • Basic fall arrester kit for intervening in a work perimeter of 2m                                  | 35332 | 122,00  |
| Easytrac 2  | HT10 + belt, LS, combipro 20l                          | • Basic subjugation kit to limit the user's movement within in a 2m security perimeter               | 40302 | 123,00  |
| Easytrac 3  | HT21, stopfor™ P, Rope 10m, AS19S, 2 M10, combipro 20l | • Basic fall arrester kit allowing safe vertical access to 10 m                                      | 35322 | 161,00  |
| Easytrac 4  | HT11, blocfor™ 2 ESD, combipro 20l                     | • Basic fall arrester kit to intervene in a work perimeter of 2m with an adjusted fall arrest length | 35342 | 183,00  |

## Kits designed for all trades with high vertical displacement.

### Strong points of the 5 kits:

- Automatic slider on rope offering the professional total freedom of vertical movement
- Fixed adjustable harness and rapid locking
- Harness comprising attachment points on the front allowing the professional to choose their anchor point depending on their position

Vertical acces 1, 2 and 3



Vertical acces 4



Vertical acces 5



| Description      | Description                                    | Specific advantages                                                                                                                                                                                                                                                                                                                                       | Code  | Price € |
|------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| Vertical acces 1 | HT42, stopfor™ SL, Rope 10m, M10, Combipro 30l | • Harness fitted with 3 attachment points (1 dorsal and 2 thoracic) enabling the professional to select the most effective attachment point for their working position<br>• Secured intervention distance (rope length): 10m                                                                                                                              | 40892 | 243,00  |
| Vertical acces 2 | HT42, stopfor™ SL, Rope 15m, M10, Combipro 30l | • Harness fitted with 3 attachment points (1 dorsal and 2 thoracic) enabling the professional to select the most effective attachment point for their working position<br>• Secured intervention distance (rope length): 15m                                                                                                                              | 40902 | 260,00  |
| Vertical acces 3 | HT42, stopfor™ SL, Rope 20m, M10, Combipro 30l | • Harness fitted with 3 attachment points (1 dorsal and 2 thoracic) enabling the professional to select the most effective attachment point for their working position<br>• Secured intervention distance (rope length): 20m                                                                                                                              | 40912 | 272,00  |
| Vertical acces 4 | HT22, stopfor™ SL, Rope 10m, M10, Combipro 30l | • Harness fitted with 2 attachment points (1 dorsal and 1 sternal) enabling the professional to select the most effective attachment point for their working position<br>• Secured intervention distance (rope length): 10m                                                                                                                               | 26812 | 229,00  |
| Vertical acces 5 | HT22, stopfor™ K, Braided 10m, Combipro 30l    | • Harness fitted with 2 attachment points (1 dorsal and 1 sternal) enabling the professional to select the most effective attachment point for their working position<br>• Secured intervention distance (rope length): 10m<br>• The polyamide fall arrester halyard is particularly resistant to abrasion and is therefore recommended for intensive use | 44552 | 211,00  |

# Fall arresters

## Automatic fall prevention device blocfor™

HARNESSES AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

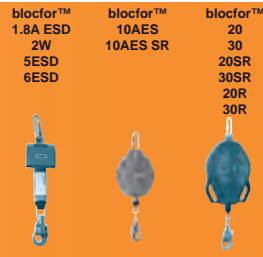
RESCUE

FABA™ TRACTELIFT

ACCESSORIES

### EN 360

Applications examples



| Application                  | blocfor™ 1.8A ESD<br>2W<br>5ESD<br>6ESD | blocfor™ 10AES<br>10AES SR | blocfor™ 20<br>30<br>20SR<br>30SR<br>20R<br>30R |
|------------------------------|-----------------------------------------|----------------------------|-------------------------------------------------|
| Roof edge                    | ★                                       | ★★★                        | ★                                               |
| Roof slope                   |                                         | ★★★                        | ★                                               |
| Roof edge with guardrail     |                                         | ★                          | ★                                               |
| Roof edge with safety net    | ★★★                                     | ★★★                        | ★★★                                             |
| Vertical work                |                                         | ★★★                        | ★★★                                             |
| Horizontal work              | ★★★                                     | ★★★                        | ★★★                                             |
| Vertical work on scaffolding | ★★★                                     | ★★★                        | ★                                               |
| Falling from height          |                                         |                            |                                                 |

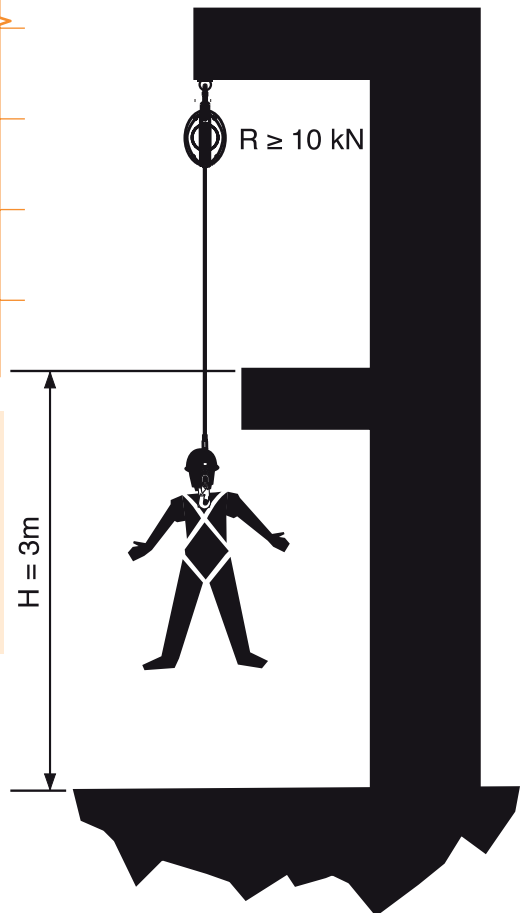
★ Acceptable for

★★ Well suited for

★★★ Optimal for

### CLEARANCE NECESSARY

Clearance H is equal to the fall height with the blocfor™: 2 metres + 1 safety metre, i.e. 3 metres. (Free space under user feet).



Compliant for horizontal roof terrace applications CNB/P/11.060 - 074 - 075

# Fall arresters

## Automatic fall prevention device blocfor™



**WARNING :** As part of the evolution of the High Capacity Range 150 kg, many product codes will change in 2018. To help you, you will find below the list of current product codes in 100 kg followed by the new codes produced in 150 kg. Please consult Tractel® to confirm that the 150 kg products are already available before placing your order.

| EN 360                                       |                                                                                                                    | Description | Old Code | 150 kg Code   | Price € |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-------------|----------|---------------|---------|
| <b>blocfor™ 1.8A ESD</b>                     |                                                                                                                    |             |          |               |         |
| <b>blocfor™ 1.8A ESD-10-47</b>               | 1.8 m <b>webbing</b> (18 mm) automatic fall arrester, M10, M47 connectors                                          | 67952       | 70592    | <b>123,50</b> |         |
| <b>blocfor™ 1.8A ESD-51-47</b>               | 1.8 m <b>webbing</b> (18 mm) automatic fall arrester, M51, M47 connectors                                          | 67962       | 70602    | <b>158,00</b> |         |
| <b>blocfor™ 1.8A ESD-53-47</b>               | 1.8 m <b>webbing</b> (18 mm) automatic fall arrester, M53, M47 connectors                                          | 67972       | 70612    | <b>142,00</b> |         |
| <b>blocfor™ 1.8B ESD-51-47</b>               | 1.8 m <b>webbing</b> (18 mm) automatic fall arrester, M51, M47 connectors                                          | -           | 72462    | <b>151,00</b> |         |
| <b>blocfor™ 2 ESD</b>                        |                                                                                                                    |             |          |               |         |
| <b>blocfor™ 2 ESD-10-47</b>                  | 2 m <b>webbing</b> , (50 mm), automatic fall arrester, M10, M47 connectors                                         | -           | 75389    | <b>115,00</b> |         |
| <b>blocfor™ 2 ESD-51-47</b>                  | 2 m <b>webbing</b> , (50 mm), automatic fall arrester, M51, M47 connectors                                         | -           | 75679    | <b>152,00</b> |         |
| <b>blocfor™ 5 ESD - blocfor™ 6 ESD</b>       |                                                                                                                    |             |          |               |         |
| <b>blocfor™ 5 ESD-10-47</b>                  | 5 m <b>webbing</b> automatic fall arrester with <b>end system dissipator</b> , width l 25 mm, M10, M47 connectors  | 60402       | 70652    | <b>267,00</b> |         |
| <b>blocfor™ 6 ESD-10-47</b>                  | 56 m <b>webbing</b> automatic fall arrester with <b>end system dissipator</b> , width l 25 mm, M10, M47 connectors | 60392       | 70662    | <b>281,00</b> |         |
| <b>blocfor™ 10 ESD</b>                       |                                                                                                                    |             |          |               |         |
| <b>blocfor™ 10 ESD 10-47</b>                 | 10 m <b>galvanised</b> automatic fall arrester, M10, M47 connectors                                                | 58642       | 70572    | <b>398,00</b> |         |
| <b>blocfor™ 10 ESD 61-47</b>                 | 10 m <b>galvanised</b> automatic fall arrester, M61, M47 connectors                                                | -           | 70582    | <b>457,00</b> |         |
| <b>blocfor™ 10 AES 10-46 stainless steel</b> | 10 m <b>stainless steel</b> automatic fall arrester, M10, M46 (with fall indicators) connectors                    | 58622       | -        | <b>481,00</b> |         |
| <b>blocfor™ 10 AES 10-47 stainless steel</b> | 10 m <b>stainless steel</b> automatic fall arrester, M10, M47 connectors                                           | 58652       | -        | <b>449,00</b> |         |
| <b>blocfor™ 10SR ESD 10-47</b>               | 10 m <b>synthetic</b> automatic fall arrester, M10, M47 connectors                                                 | -           | 74372    | <b>417,00</b> |         |
| <b>blocfor™ 10SR ESD 61-47</b>               | 10 m <b>synthetic</b> automatic fall arrester, M61, M47 connectors                                                 | -           | 74382    | <b>461,00</b> |         |

**blocfor™ 1.8A ESD    blocfor™ 1.8B ESD**



**blocfor™ 2 ESD**



**blocfor™ 10 ESD**



**blocfor™ 10SR ESD**



**blocfor™ 5/6 ESD**



# Fall arresters

## Automatic fall prevention device blocfor™

HARNESSES  
AND BELTS



**WARNING :** As part of the evolution of the High Capacity Range 150 kg, many product codes will change in 2018. To help you, you will find below the list of current product codes in 100 kg followed by the new codes produced in 150 kg. Please consult Tractel® to confirm that the 150 kg products are already available before placing your order.

### blocfor™ 20 ESD



### blocfor™ 20SR ESD



### blocfor™ 30 ESD



### blocfor™ 30SR ESD



| EN 360                                   |                                                                                                                      | Old Code | 150 kg Code | Price €        |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------|-------------|----------------|
| Description                              | Description                                                                                                          |          |             |                |
| <b>blocfor™ 20 and blocfor™ 20 ESD</b>   |                                                                                                                      |          |             |                |
| <b>blocfor™ 20 ESD 10-47</b>             | 20 m <b>galvanised</b> automatic fall arrester, M10, M47 connectors                                                  | 31392    | 74512       | <b>590,00</b>  |
| <b>blocfor™ 20 ESD 61-47</b>             | 20 m <b>galvanised</b> automatic fall arrester, M61, M47 connectors                                                  | -        | 74522       | <b>635,00</b>  |
| <b>blocfor™ 20 10-46 stainless steel</b> | 20 m <b>stainless steel</b> automatic fall arrester, M10, M46 (with fall indicators) connectors                      | 17572    | -           | <b>686,00</b>  |
| <b>blocfor™ 20 10-47 stainless steel</b> | 20 m <b>stainless steel</b> automatic fall arrester, M10, M47 connectors                                             | 35502    | -           | <b>652,65</b>  |
| <b>blocfor™ 20 ESD SR 10-47</b>          | 20 m <b>synthetic</b> automatic fall arrester, M10, M47 connectors                                                   | 76269    | 74392       | <b>695,00</b>  |
| <b>blocfor™ 20 ESD SR 61-47</b>          | 20 m <b>synthetic</b> automatic fall arrester, M61, M47 connectors                                                   | -        | 74402       | <b>740,00</b>  |
| <b>blocfor™ 20R M46</b>                  | 20 m <b>galvanised</b> rope automatic fall arrester, with retrieval system M46 (with fall indicator) connectors      | 18042    | -           | <b>1405,00</b> |
| <b>blocfor™ 20R M46 stainless steel</b>  | 20 m <b>stainless steel</b> rope automatic fall arrester, with retrieval system M46 (with fall indicator) connectors | 28612    | -           | <b>1492,00</b> |
| <b>blocfor™ 30 and blocfor™ 30 ESD</b>   |                                                                                                                      |          |             |                |
| <b>blocfor™ 30 ESD 10-47</b>             | 30 m <b>galvanised</b> automatic fall arrester, M10, M47 connectors                                                  | 38292    | 74532       | <b>865,00</b>  |
| <b>blocfor™ 30 ESD 61-47</b>             | 30 m <b>galvanised</b> automatic fall arrester, M61, M47 connectors                                                  | -        | 74542       | <b>967,00</b>  |
| <b>blocfor™ 30 10-46 inox</b>            | 30 m <b>stainless steel</b> automatic fall arrester, M10, M46 (with fall indicators) connectors                      | 17612    | -           | <b>942,00</b>  |
| <b>blocfor™ 30 10-47 inox</b>            | 30 m <b>stainless steel</b> automatic fall arrester, M10, M47 connectors                                             | 38302    | -           | <b>923,00</b>  |
| <b>blocfor™ 30 ESD SR 10-47</b>          | 30 m <b>synthetic</b> automatic fall arrester, M10, M47 connectors                                                   | 38312    | 74412       | <b>945,00</b>  |
| <b>blocfor™ 30 ESD SR 61-47</b>          | 30 m <b>synthetic</b> automatic fall arrester, M61, M47 connectors                                                   | -        | 74422       | <b>1040,00</b> |
| <b>blocfor™ 30R M46</b>                  | 30 m <b>galvanised</b> rope automatic fall arrester, with retrieval system M46 (with fall indicator) connectors      | 18062    | -           | <b>1665,00</b> |
| <b>blocfor™ 30R M46 inox</b>             | 30 m <b>stainless steel</b> rope automatic fall arrester, with retrieval system M46 (with fall indicator) connectors | 42972    | -           | <b>1441,00</b> |
| <b>webbing lanyard blocfor™</b>          | special blocfor™ webbing lanyard 2 m for horizontal use                                                              | 35032    | -           | <b>24,30</b>   |

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

RESCUE

FABA™ TRACTELIFT

ACCESSORIES

### WARNING !

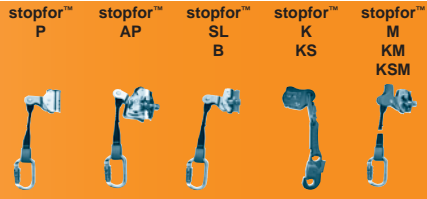
A special blocfor™ lanyard must be used with any blocfor™ 10, 20 and 30, stainless steel, when used on terrace works.

# Fall arrest systems

## On flexible anchorage lines - stopfor™

### EN 353-2

Applications examples



| Application                 | stopfor™ P | stopfor™ AP | stopfor™ SL B | stopfor™ K KS | stopfor™ M KM KSM |
|-----------------------------|------------|-------------|---------------|---------------|-------------------|
| Roof edge                   | ★          | ★           | ★ ★           | ★ ★           | ★ ★ ★             |
| Roof slope                  | ★          | ★           | ★ ★           | ★ ★           | ★ ★ ★             |
| Roof truss                  | ★          | ★ ★         | ★ ★           | ★ ★           | ★ ★ ★             |
| Vertical wall               | ★          | ★ ★         | ★ ★           | ★ ★           | ★ ★ ★             |
| Vertical wall (ladder)      | ★          | ★ ★         | ★ ★           | ★ ★           | ★ ★ ★             |
| Vertical wall (scaffolding) | ★          | ★ ★         | ★ ★           | ★ ★           | ★ ★ ★             |
| Vertical wall (scaffolding) | ★          | ★ ★         | ★ ★           | ★ ★           | ★ ★ ★             |
| Vertical wall (scaffolding) | ★          | ★ ★         | ★ ★           | ★ ★           | ★ ★ ★             |
| Vertical wall (scaffolding) | ★          | ★ ★         | ★ ★           | ★ ★           | ★ ★ ★             |

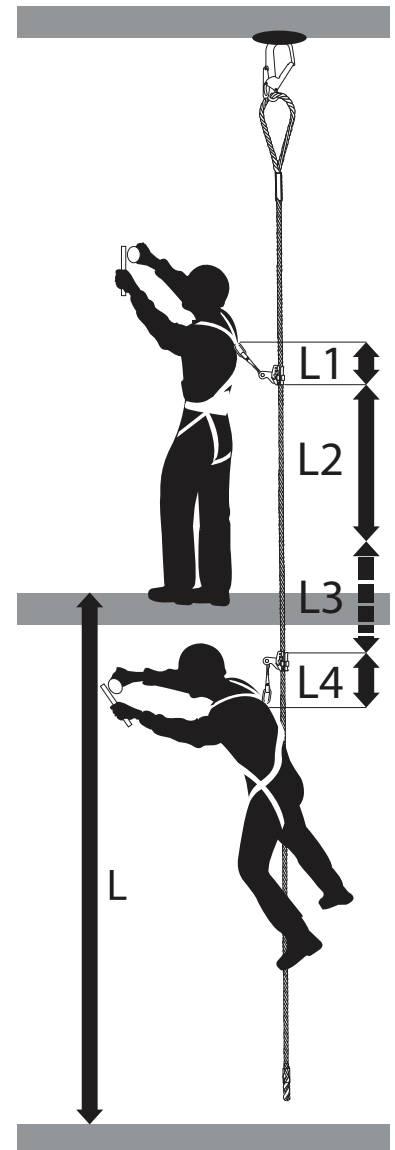
★ Acceptable for

★ ★ Well suited for

★ ★ ★ Optimal for

### CLEARANCE

The clearance must be at least equal to the height of the fall  $L = L1$  (lanyard length: 0.3 m, 0.6 m or 0.9 m) +  $L2$  (braking distance 1m) +  $L3$  (elastic elongation of the rope +  $L4$  (lanyard length: 0.3, 0.6 or 0.9 m) + 1 m for safety.



Compliant for horizontal roof terrace applications CNB/P/11.060 - 074 - 075



# Fall arrest systems

## On flexible anchorage lines - stopfor™

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

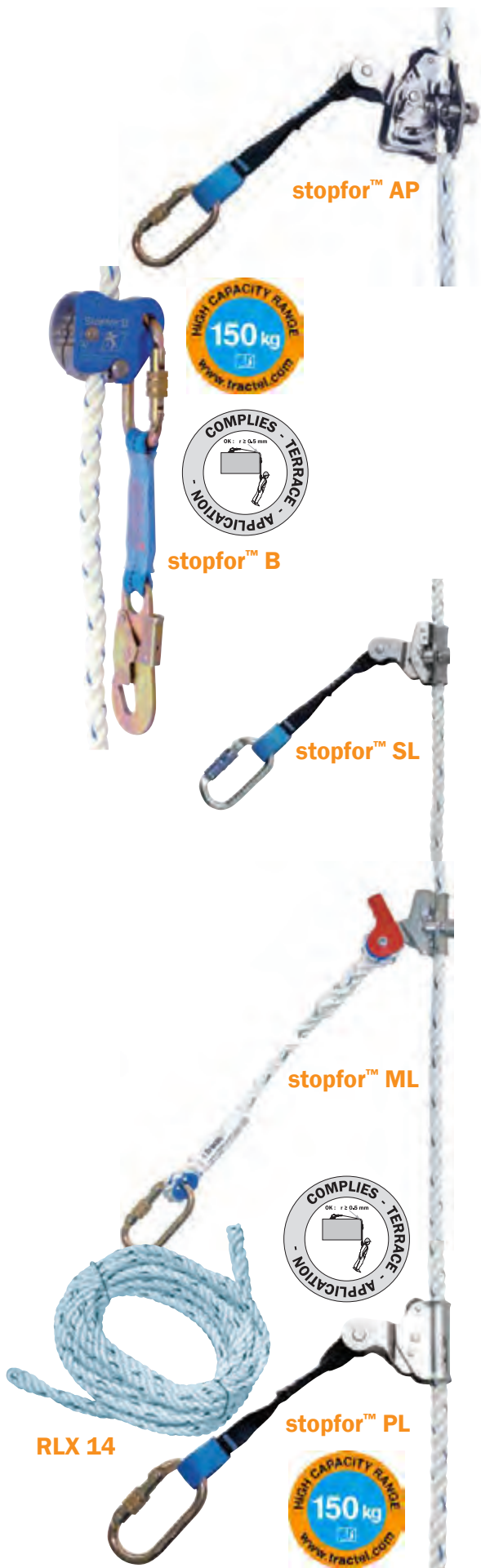
LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES



### EN 353-2

| Description                | Description                                                                      | Old Code | 150 kg Code | Price €       |
|----------------------------|----------------------------------------------------------------------------------|----------|-------------|---------------|
| <b>stopfor™ AP</b>         |                                                                                  |          |             |               |
| <b>stopfor™ AP 0.3-M10</b> | with a 0.3 m webbing lanyard, <b>M10</b> connector. On stranded rope ø 14 mm     | 17732    | -           | <b>155,00</b> |
| <b>stopfor™ AP 0.3-M11</b> | with a 0.3 m webbing lanyard, <b>M11</b> connector. On stranded rope ø 14 mm     | 17742    | -           | <b>168,00</b> |
| <b>stopfor™ AP 0.3-M41</b> | with a 0.3 m webbing lanyard, <b>M41</b> connector. On stranded rope ø 14 mm     | 17752    | -           | <b>159,00</b> |
| <b>stopfor™ B</b>          |                                                                                  |          |             |               |
| <b>stopfor™ B M10</b>      | with <b>M10</b> connector. On braided rope ø 12 - 14 mm                          | 106189   | 106189      | <b>72,30</b>  |
| <b>stopfor™ B 0.3-M41</b>  | with a 0.3 m webbing lanyard, <b>M41</b> connector. On braided rope ø 12 - 14 mm | 106169   | -           | <b>90,50</b>  |
| <b>stopfor™ B 0.3-M42</b>  | with a 0.3 m webbing lanyard, <b>M42</b> connector. On braided rope ø 12 - 14 mm | 106179   | 106179      | <b>93,00</b>  |

### EN 353-2

| Description                | Description                                                                  | Code  | Price €       |
|----------------------------|------------------------------------------------------------------------------|-------|---------------|
| <b>stopfor™ SL</b>         |                                                                              |       |               |
| <b>stopfor™ SL 0.3-M10</b> | with a 0.3 m webbing lanyard, <b>M10</b> connector. On stranded rope ø 14 mm | 27348 | <b>114,00</b> |
| <b>stopfor™ SL 0.3-M11</b> | with a 0.3 m webbing lanyard, <b>M11</b> connector. On stranded rope ø 14 mm | 36558 | <b>123,50</b> |
| <b>stopfor™ SL 0.3-M41</b> | with a 0.3 m webbing lanyard, <b>M41</b> connector. On stranded rope ø 14 mm | 27368 | <b>122,50</b> |
| <b>stopfor™ ML</b>         |                                                                              |       |               |
| <b>stopfor™ ML 0.9-M10</b> | with <b>M10</b> connector. On braided rope ø 14 mm                           | 10162 | <b>127,00</b> |
| <b>stopfor™ ML 0.9-M41</b> | with a 0.3 m webbing lanyard, <b>M41</b> connector. On braided rope ø 14 mm  | 10172 | <b>130,00</b> |

### EN 353-2

| Description                         | Description                                                                  | Code  | Price €       |
|-------------------------------------|------------------------------------------------------------------------------|-------|---------------|
| <b>stopfor™ PL</b>                  |                                                                              |       |               |
| <b>stopfor™ PL 0.3-M10</b>          | with a 0.3 m webbing lanyard, <b>M10</b> connector. On stranded rope ø 14 mm | 36468 | <b>47,50</b>  |
| <b>stopfor™ PL 0.3-M11</b>          | with a 0.3 m webbing lanyard, <b>M11</b> connector. On stranded rope ø 14 mm | 36478 | <b>55,10</b>  |
| <b>stopfor™ PL 0.3-M41</b>          | with a 0.3 m webbing lanyard, <b>M41</b> connector. On stranded rope ø 14 mm | 36488 | <b>50,35</b>  |
| <b>special rope for stopfor™ PL</b> |                                                                              |       |               |
| <b>RLX 14-10-B</b>                  | <b>10 m</b> rope ø 14 mm, small buckle at the end                            | 29682 | <b>42,70</b>  |
| <b>RLX 14-20-B</b>                  | <b>20 m</b> rope ø 14 mm, small buckle at the end                            | 29692 | <b>70,30</b>  |
| <b>RLX 14-30-B</b>                  | <b>30 m</b> rope ø 14 mm, small buckle at the end                            | 32912 | <b>96,90</b>  |
| <b>RLX 14-40-B</b>                  | <b>40 m</b> rope ø 14 mm, small buckle at the end                            | 32922 | <b>122,55</b> |

# Fall arrest systems

## On flexible anchorage lines - stopfor™

EN 353-2

| Description                | Description                                                                          | Code  | Price €       |
|----------------------------|--------------------------------------------------------------------------------------|-------|---------------|
| <b>stopfor™ K</b>          |                                                                                      |       |               |
| <b>stopfor™ K M10</b>      | with <b>M10</b> connector,<br>On braided rope ø 12,5 mm                              | 98469 | <b>74,50</b>  |
| <b>stopfor™ K 0,3-M41</b>  | with a 0,3 m webbing lanyard, <b>M41</b> connector, On braided rope ø 12,5 mm        | 98479 | <b>94,50</b>  |
| <b>stopfor™ K 0,3-M42</b>  | with a 0,3 m webbing lanyard, <b>M42</b> connector, On braided rope ø 12,5 mm        | 98489 | <b>99,00</b>  |
| <b>stopfor™ KS</b>         |                                                                                      |       |               |
| <b>stopfor™ KS M10</b>     | with <b>M10</b> connector,<br>On braided rope ø 10,5 - 12,5 mm                       | 51062 | <b>86,60</b>  |
| <b>stopfor™ KS 0,3-M41</b> | with a 0,3 m webbing lanyard, <b>M41</b> connector, On braided rope ø 10,5 - 12,5 mm | 51072 | <b>108,00</b> |
| <b>stopfor™ KS 0,3-M42</b> | with a 0,3 m webbing lanyard, <b>M42</b> connector, On braided rope ø 10,5 - 12,5 mm | 51082 | <b>117,00</b> |

stopfor™ K  
stopfor™ KS



stopfor™ KM  
stopfor™ KSM



EN 353-2

| Description                 | Description                                                                          | Code  | Price €       |
|-----------------------------|--------------------------------------------------------------------------------------|-------|---------------|
| <b>stopfor™ KM</b>          |                                                                                      |       |               |
| <b>stopfor™ KM M10</b>      | with <b>M10</b> connector,<br>On braided rope ø 10,5 - 12,5 mm                       | 51092 | <b>91,60</b>  |
| <b>stopfor™ KM 0,3-M41</b>  | with a 0,3 m webbing lanyard, <b>M41</b> connector, On braided rope ø 10,5 - 12,5 mm | 51102 | <b>111,00</b> |
| <b>stopfor™ KM 0,3-M42</b>  | with a 0,3 m webbing lanyard, <b>M42</b> connector, On braided rope ø 10,5 - 12,5 mm | 51112 | <b>120,50</b> |
| <b>stopfor™ KSM</b>         |                                                                                      |       |               |
| <b>stopfor™ KSM M10</b>     | with <b>M10</b> connector,<br>On braided rope ø 10,5 - 12,5 mm                       | 51122 | <b>95,90</b>  |
| <b>stopfor™ KSM 0,3-M41</b> | with a 0,3 m webbing lanyard, <b>M41</b> connector, On braided rope ø 10,5 - 12,5 mm | 51132 | <b>116,00</b> |
| <b>stopfor™ KSM 0,3-M42</b> | with a 0,3 m webbing lanyard, <b>M42</b> connector, On braided rope ø 10,5 - 12,5 mm | 51172 | <b>124,00</b> |
| <b>stopfor™ SK</b>          |                                                                                      |       |               |
| <b>stopfor™ SK</b>          | with 15 m braided rope, ø 12 mm, absorber, 1 M12 and 2 M13 connectors                | 36022 | <b>276,00</b> |

stopfor™ SK



# Fall arrest systems

## Rope and braided rope stopfor™

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES



RLX 14



RLXD 11

| Description     | Compatibility   | Description                                                                        | stop end + spliced buckle end |         | stop end + M10 |         | stop end + M41 |         |
|-----------------|-----------------|------------------------------------------------------------------------------------|-------------------------------|---------|----------------|---------|----------------|---------|
|                 |                 |                                                                                    | Code                          | Price € | Code           | Price € | Code           | Price € |
| RLX 14 05       |                 | 5 m <b>stranded rope</b> ø 14 mm                                                   | 12162                         | 29,45   | 32942          | 36,00   | 12182          | 39,10   |
| RLX 14 10       |                 | 10 m <b>stranded rope</b> ø 14 mm                                                  | 11422                         | 41,60   | 32952          | 48,40   | 12082          | 52,50   |
| RLX 14 15       | <b>stopfor™</b> | 15 m <b>stranded rope</b> ø 14 mm                                                  | 12072                         | 55,10   | 32962          | 63,00   | 12092          | 66,50   |
| RLX 14 20       | <b>AP</b>       | 20 m <b>stranded rope</b> ø 14 mm                                                  | 11432                         | 70,00   | 32972          | 76,10   | 12102          | 80,00   |
| RLX 14 25       | <b>SL</b>       | 25 m <b>stranded rope</b> ø 14 mm                                                  | 12172                         | 81,32   | 32982          | 91,00   | 12192          | 92,40   |
| RLX 14 30       | <b>ML</b>       | 30 m <b>stranded rope</b> ø 14 mm                                                  | 11442                         | 98,00   | 32992          | 104,00  | 12112          | 107,00  |
| RLX 14 35       |                 | 35 m <b>stranded rope</b> ø 14 mm                                                  | 23832                         | 111,00  |                |         |                |         |
| RLX 14 40       |                 | 40 m <b>stranded rope</b> ø 14 mm                                                  | 11452                         | 124,00  | 33002          | 129,00  | 25562          | 133,00  |
| RLX 14 50       |                 | 50 m <b>stranded rope</b> ø 14 mm                                                  | 11462                         | 155,00  | 33012          | 165,00  | 23742          | 164,35  |
| RLX 14 05-P10-A |                 | 5 m <b>stranded rope</b> ø 14 mm with sewed buckle, <b>special for stopfor™ B</b>  |                               |         | 45372          | 36,10   |                |         |
| RLX 1410-P10-A  |                 | 10 m <b>stranded rope</b> ø 14 mm with sewed buckle, <b>special for stopfor™ B</b> |                               |         | 45092          | 48,93   |                |         |
| RLX 14 15-P10-A |                 | 15 m <b>stranded rope</b> ø 14 mm with sewed buckle, <b>special for stopfor™ B</b> |                               |         | 45102          | 61,66   |                |         |
| RLX 14 20-P10-A | <b>stopfor™</b> | 20 m <b>stranded rope</b> ø 14 mm with sewed buckle, <b>special for stopfor™ B</b> |                               |         | 45112          | 76,00   |                |         |
| RLX 14 30-P10-A | <b>B</b>        | 30 m <b>stranded rope</b> ø 14 mm with sewed buckle, <b>special for stopfor™ B</b> |                               |         | 45132          | 104,00  |                |         |
| RLX 14 40-P10-A |                 | 40 m <b>stranded rope</b> ø 14 mm with sewed buckle, <b>special for stopfor™ B</b> |                               |         | 45142          | 131,00  |                |         |
| RLX 14 50-P10-A |                 | 50 m <b>stranded rope</b> ø 14 mm with sewed buckle, <b>special for stopfor™ B</b> |                               |         | 45152          | 155,80  |                |         |
| RLXD 11 05      |                 | 5 m <b>braided rope</b> ø 11 mm                                                    | 17412                         | 24,04   | 37532          | 30,40   | 17002          | 33,16   |
| RLXD 11 10      | <b>stopfor™</b> | 10 m <b>braided rope</b> ø 11 mm                                                   | 14102                         | 34,99   | 37542          | 41,19   | 17012          | 44,68   |
| RLXD 11 15      | <b>K</b>        | 15 m <b>braided rope</b> ø 11 mm                                                   | 17422                         | 47,50   | 37552          | 53,20   | 17022          | 56,53   |
| RLXD 11 20      | <b>KS</b>       | 20 m <b>braided rope</b> ø 11 mm                                                   | 14112                         | 59,38   | 35562          | 68,00   | 17032          | 68,88   |
| RLXD 11 30      | <b>KM</b>       | 30 m <b>braided rope</b> ø 11 mm                                                   | 14122                         | 81,70   | 37572          | 90,63   | 17052          | 91,20   |
| RLXD 11 40      | <b>KSM</b>      | 40 m <b>braided rope</b> ø 11 mm                                                   | 14132                         | 108,00  | 37582          | 108,30  | 17062          | 112,10  |
| RLXD 11 50      |                 | 50 m <b>braided rope</b> ø 11 mm                                                   | 14142                         | 125,40  | 37592          | 133,50  | 17072          | 134,90  |

# Fall arrest systems

## On wire rope - stopcable™



**WARNING :** As part of the evolution of the High Capacity Range 150 kg, many product codes will change in 2018. To help you, you will find below the list of current product codes in 100 kg followed by the new codes produced in 150 kg. Please consult Tractel® to confirm that the 150 kg products are already available before placing your order.

### EN 353-1

| Description                       | Description                                                                                    | Old Code | 150 kg Code | Price €       |
|-----------------------------------|------------------------------------------------------------------------------------------------|----------|-------------|---------------|
| <b>anchor point</b>               | galvanised top or bottom anchor point                                                          | 17872    | 17872       | <b>95,20</b>  |
|                                   | stainless steel top or bottom anchor point                                                     | 32902    | 32902       | <b>165,00</b> |
| <b>anchor kit</b>                 | anchor kit for tube                                                                            | 87378    | 87378       | <b>103,00</b> |
| <b>jumper</b>                     | stainless steel jumper ø 27 mm                                                                 | 18132    | 18132       | <b>6,00</b>   |
|                                   | stainless steel jumper ø 34 mm                                                                 | 18142    | 18142       | <b>6,18</b>   |
| <b>fall arrest</b>                | stopcable™ with energy absorber, 2 M10 connectors                                              | 58482    | 72272       | <b>122,00</b> |
| <b>tensioning device</b>          | pre-tension indicator, stainless steel clavis pin, spring tensioning device                    | 90059    | 261809      | <b>119,00</b> |
| <b>cable guide</b>                | to restrict cable play, stainless steel and rubber, position every 10 m                        | 108857   | 108857      | <b>45,00</b>  |
| <b>energy shock-absorber</b>      | stainless steel clavis pin, P,U, absorber                                                      | 90049    | 90049       | <b>126,68</b> |
| <b>stainless steel wire rope*</b> | 3 m of stainless steel, ø 8 mm, 7 strands 19 wires, with 3 stainless steel cable clamps        | 18162    | 18162       | <b>108,00</b> |
|                                   | stainless steel cable meter                                                                    | 25091    | 25091       | <b>8,30</b>   |
| <b>galvanised wire rope*</b>      | 3 m of stainless steel lugged, ø 8 mm, 6 strands 19 wires, with 3 stainless steel cable clamps | 37422    | 37422       | <b>63,30</b>  |
|                                   | galvanised cable meter                                                                         | 25101    | 25101       | <b>3,20</b>   |
| <b>counterweight</b>              | steel counterweight                                                                            | 129445   | 129445      | <b>78,55</b>  |
| <b>signage plate</b>              |                                                                                                | 117505   | 117505      | <b>13,49</b>  |

\* Prices may be subject to change without prior notice.

anchor point



anchor kit



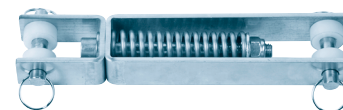
jumper



fall arrester



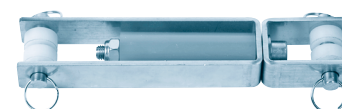
tensioning



cable guide



energy shock-absorber



cable / cable clamp



counterweight



signage plate



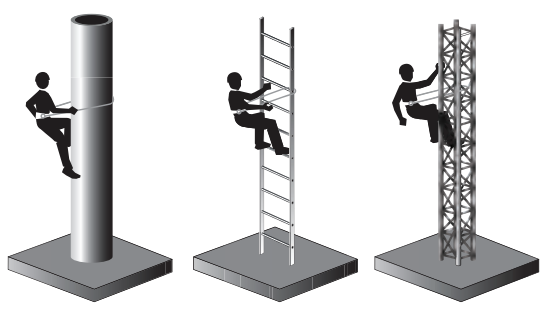
### WARNING !

Lifelines are safety components class III. Instructions for installation and the quotation must be followed precisely.

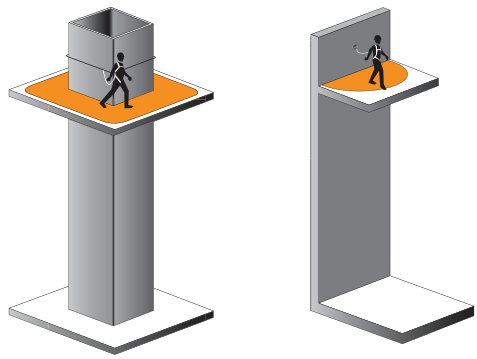
# Fall arrest systems

HARNESSES AND BELTS  
PPE KITS  
FALL ARRESTERS  
LANYARDS AND CONNECTORS  
LIFELINES AND ANCHOR POINTS  
RESCUE  
FABA™ TRACTELIFT  
ACCESSORIES

- ★ Acceptable for
- ★★ Well suited for
- ★★★ Optimal for



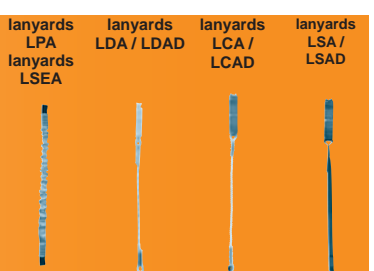
**Pole straps:**  
Designed to maintain the user in position when working at height on a structure. N.B. Not a fall arrest device.  
**EN 358**



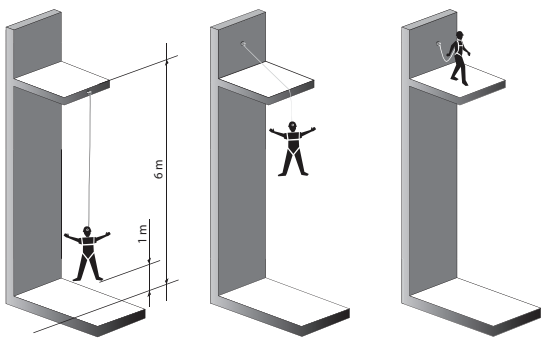
**Restraint lanyards:**  
Designed to limit user movements within the perimeter of safety zones. N.B. Not a fall arrest device.  
**EN 354**

## EN 355 / EN 354 / EN 358

Applications examples



|  | lanyards LPA lanyards LSEA | lanyards LDA / LDAD | lanyards LCA / LCAD | lanyards LSA / LSAD |
|--|----------------------------|---------------------|---------------------|---------------------|
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★                          | ★                   | ★                   | ★                   |
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★★★                        | ★★★                 | ★★★                 | ★★★                 |
|  | ★                          | ★                   | ★                   | ★                   |



**Fall arrests lanyards:**  
Lanyards with integrated energy absorber, deployed in the event of a fall.  
**EN 355**

# Fall arrest systems

## Absorbers Poy Lanyards

| EN 355           |                                                                             | Description | Code         | Price € |
|------------------|-----------------------------------------------------------------------------|-------------|--------------|---------|
| LPA 1,5 m-BB     | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,                               | 52732       | <b>50,10</b> |         |
| LPA 1,75 m-BB    | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,                              | 52722       | <b>56,00</b> |         |
| LPA 2 m-BB       | absorber POY lanyard w, 35 mm, <b>2 m</b> ,                                 | 52752       | <b>52,50</b> |         |
| LPA 1,5 m-10-10  | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,<br>2 connectors M10           | 51932       | <b>61,50</b> |         |
| LPA 1,75 m-10-10 | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,<br>2 connectors M10          | 52742       | <b>65,50</b> |         |
| LPA 2 m-10-10    | absorber POY lanyard w, 35 mm, <b>2 m</b> ,<br>2 connectors M10             | 51942       | <b>68,50</b> |         |
| LPA 1,5 m-10-41  | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,<br>1 connector M10 and 1 M41  | 52762       | <b>70,00</b> |         |
| LPA 1,75 m-10-41 | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,<br>1 connector M10 and 1 M41 | 52772       | <b>74,50</b> |         |
| LPA 2 m-10-41    | absorber POY lanyard w, 35 mm, <b>2 m</b> ,<br>1 connector M10 and 1 M41    | 52782       | <b>77,50</b> |         |
| LPA 1,5 m-10-51  | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,<br>1 connector M10 and 1 M51  | 52792       | <b>79,00</b> |         |
| LPA 1,75 m-10-51 | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,<br>1 connector M10 and 1 M51 | 52802       | <b>82,00</b> |         |
| LPA 2 m-10-51    | absorber POY lanyard w, 35 mm, <b>2 m</b> ,<br>1 connector M10 and 1 M51    | 52812       | <b>86,50</b> |         |
| LPA 1,5 m-10-53  | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,<br>1 connector M10 and 1 M53  | 52822       | <b>70,50</b> |         |
| LPA 1,75 m-10-53 | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,<br>1 connector M10 and 1 M53 | 52832       | <b>73,00</b> |         |
| LPA 2 m-10-53    | absorber POY lanyard w, 35 mm, <b>2 m</b> ,<br>1 connector M10 and 1 M53    | 52842       | <b>78,00</b> |         |
| LPA 1,5 m-41-41  | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,<br>2 connectors M41           | 52912       | <b>80,50</b> |         |
| LPA 1,75 m-41-41 | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,<br>2 connectors M41          | 53022       | <b>85,00</b> |         |
| LPA 2 m-41-41    | absorber POY lanyard w, 35 mm, <b>2 m</b> ,<br>2 connectors M41             | 52932       | <b>85,00</b> |         |
| LPA 1,5 m-41-51  | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,<br>1 connector M41 and 1 M51  | 52852       | <b>91,00</b> |         |
| LPA 1,75 m-41-51 | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,<br>1 connector M41 and 1 M51 | 52862       | <b>93,00</b> |         |
| LPA 2 m-41-51    | absorber POY lanyard w, 35 mm, <b>2 m</b> ,<br>1 connector M41 and 1 M51    | 52872       | <b>96,00</b> |         |
| LPA 1,5 m-41-53  | absorber POY lanyard w, 35 mm, <b>1,5 m</b> ,<br>1 connector M41 and 1 M53  | 52882       | <b>80,30</b> |         |
| LPA 1,75 m-41-53 | absorber POY lanyard w, 35 mm, <b>1,75 m</b> ,<br>1 connector M41 and 1 M53 | 52892       | <b>83,00</b> |         |
| LPA 2 m-41-53    | absorber POY lanyard lw, 35 mm, <b>2 m</b> ,<br>1 connector M41 and 1 M53   | 53002       | <b>86,00</b> |         |

### LPA



The given length of Tractel® lanyards include the connectors.  
Tolerance ±5%

# Fall arrest systems

## Absorber Elastic Webbing Lanyard

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

EN 355

| Description       | Description                                                                          | Code  | Price €       |
|-------------------|--------------------------------------------------------------------------------------|-------|---------------|
| LSEA 1,5 m-BB     | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> ,                            | 53832 | <b>54,50</b>  |
| LSEA 1,75 m-BB    | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> ,                           | 53852 | <b>62,00</b>  |
| LSEA 2 m-BB       | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> ,                              | 53862 | <b>68,00</b>  |
| LSEA 1,5 m-10-10  | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> , 2 connectors M10           | 53872 | <b>70,00</b>  |
| LSEA 1,75 m-10-10 | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> , 2 connectors M10          | 53882 | <b>74,50</b>  |
| LSEA 2 m-10-10    | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> , 2 connectors M10             | 53892 | <b>79,50</b>  |
| LSEA 1,5 m-10-41  | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> , 1 connector M10 and 1 M41  | 53902 | <b>69,50</b>  |
| LSEA 1,75 m-10-41 | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> , 1 connector M10 and 1 M41 | 53912 | <b>77,00</b>  |
| LSEA 2 m-10-41    | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> , 1 connector M10 and 1 M41    | 53922 | <b>82,00</b>  |
| LSEA 1,5 m-10-51  | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> , 1 connector M10 and 1 M51  | 53932 | <b>104,00</b> |
| LSEA 1,75 m-10-51 | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> , 1 connector M10 and 1 M51 | 53942 | <b>108,00</b> |
| LSEA 2 m-10-51    | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> , 1 connector M10 and 1 M51    | 53952 | <b>115,00</b> |
| LSEA 1,5 m-10-53  | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> , 1 connector M10 and 1 M53  | 53962 | <b>83,00</b>  |
| LSEA 1,75 m-10-53 | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> , 1 connector M10 and 1 M53 | 53972 | <b>86,50</b>  |
| LSEA 2 m-10-53    | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> , 1 connector M10 and 1 M53    | 53982 | <b>92,50</b>  |
| LSEA 1,5 m-41-41  | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> , 2 connectors M41           | 54052 | <b>73,00</b>  |
| LSEA 1,75 m-41-41 | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> , 2 connectors M41          | 54062 | <b>79,00</b>  |
| LSEA 2 m-41-41    | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> , 2 connectors M41             | 54072 | <b>84,50</b>  |
| LSEA 1,5 m-41-51  | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> , 1 connector M41 and 1 M51  | 53992 | <b>105,00</b> |
| LSEA 1,75 m-41-51 | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> , 1 connector M41 and 1 M51 | 54002 | <b>110,00</b> |
| LSEA 2 m-41-51    | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> , 1 connector M41 and 1 M51    | 54012 | <b>115,50</b> |
| LSEA 1,5 m-41-53  | absorber elastic webbing lanyard, W 35 mm, <b>1,5 m</b> , 1 connector M41 and 1 M53  | 54022 | <b>83,00</b>  |
| LSEA 1,75 m-41-53 | absorber elastic webbing lanyard, W 35 mm, <b>1,75 m</b> , 1 connector M41 and 1 M53 | 54032 | <b>89,00</b>  |
| LSEA 2 m-41-53    | absorber elastic webbing lanyard, W 35 mm, <b>2 m</b> , 1 connector M41 and 1 M53    | 54042 | <b>94,00</b>  |

### LSEA

B (naked)

M10

M41



B (naked)

M10

M41

M51  
M53

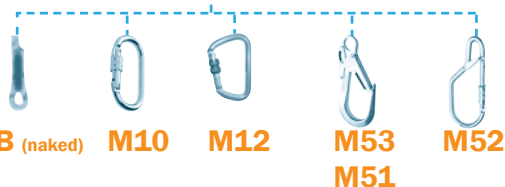
# Fall arrest systems

## Energy Absorbing Braided Rope Lanyards

### LDA

| EN 355                    |                                                                                                      | Description | Code          | Price € |
|---------------------------|------------------------------------------------------------------------------------------------------|-------------|---------------|---------|
| LDA 11 1,5 m-BB           | absorbing braided rope lanyards, ø11 mm, <b>1,5 m</b> ,                                              | 37602       | <b>57,95</b>  |         |
| LDA 11 2 m-BB             | absorbing braided rope lanyards, ø11 mm, <b>2 m</b> ,                                                | 37612       | <b>62,50</b>  |         |
| LDA 11 1,5 m-10-10        | absorbing braided rope lanyards, ø11 mm, <b>1,5 m</b> , loop at both ends, 2 connectors M10          | 37622       | <b>68,00</b>  |         |
| LDA 11 2 m-10-10          | absorbing braided rope lanyards, ø11 mm, <b>2 m</b> , loop at both ends, 2 connectors M10            | 37632       | <b>67,45</b>  |         |
| LDA 11 1,5 m-10-53        | absorbing braided rope lanyards, ø11 mm, <b>1,5 m</b> , loop at both ends, 1 connector M10 and 1 M53 | 37662       | <b>80,75</b>  |         |
| LDA 11 2 m-10-53          | absorbing braided rope lanyards, ø11 mm, <b>2 m</b> , loop at both ends, 1 connector M10 and 1 M53   | 37672       | <b>81,70</b>  |         |
| LDA 11 1,5 m-12-12        | absorbing braided rope lanyards, ø11 mm, <b>1,5 m</b> , loop at both ends, 2 connectors M12          | 14282       | <b>79,00</b>  |         |
| LDA 11 2 m-12-12          | absorbing braided rope lanyards, ø11 mm, <b>2 m</b> , loop at both ends, 2 connectors M12            | 14312       | <b>81,50</b>  |         |
| LDA 11 1,5 m-12-51        | absorbing braided rope lanyards, ø11 mm, <b>1,5 m</b> , 1 connector M12 and 1 M51                    | 14292       | <b>107,00</b> |         |
| LDA 11 2 m-12-51          | absorbing braided rope lanyards, ø11 mm, <b>2 m</b> , 1 connector M12 and 1 M51                      | 14322       | <b>109,00</b> |         |
| LDA 11 1,5 m-12-52        | absorbing braided rope lanyards, ø11 mm, <b>1,5 m</b> , 1 connector M12 and 1 M52                    | 14302       | <b>115,00</b> |         |
| LDA 11 2 m-12-52          | absorbing braided rope lanyards, ø 11 mm, <b>2 m</b> , 1 connector M12 and 1 M52                     | 14332       | <b>116,00</b> |         |
| LDA 11 1,5 m-41-53        | absorbing braided rope lanyards, ø 11 mm, <b>1,5 m</b> , 1 connector M41 and 1 M53 steel             | 37682       | <b>85,50</b>  |         |
| LDA 11 2 m-41-53          | absorbing braided rope lanyards, ø 11 mm, <b>2 m</b> , 1 connector M41 and 1 M53 steel               | 37692       | <b>86,50</b>  |         |
| LDA 11 1,5 m-41-51        | absorbing braided rope lanyards, ø 11 mm, <b>1,5 m</b> , 1 connector M41 and 1 M51 aluminium         | 40372       | <b>106,00</b> |         |
| LDA 11 2 m-41-51          | absorbing braided rope lanyards, ø 11 mm, <b>2 m</b> , 1 connector M41 and 1 M51 aluminium           | 40382       | <b>107,00</b> |         |
| <b>ABSORBING 45 NAKED</b> | absorber only, I 45 mm, L 200 mm                                                                     | 27402       | <b>32,30</b>  |         |

B (naked) M10 M12 M41



The given lengths for TRACTEL® lanyards include the connectors. Tolerance ±5%



# Fall arrest systems

## Energy Absorbing Braided Twin Rope Lanyards

HARNESSES  
AND BELTS

### LDAD



| EN 355                 |                                                                                                   |       |               |
|------------------------|---------------------------------------------------------------------------------------------------|-------|---------------|
| Description            | Description                                                                                       | Code  | Price €       |
| LDAD 11 1,5 m-BBB      | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , loop at both ends                   | 37732 | <b>65,55</b>  |
| LDAD 11 2 m-BBB        | absorbing braided twin rope lanyards, ø 11 mm, <b>2 m</b> , loop at both ends                     | 37742 | <b>68,88</b>  |
| LDAD 11 1,5 m-10-10-10 | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , loop at both ends, 3 connectors M10 | 37702 | <b>84,55</b>  |
| LDAD 11 2 m-10-10-10   | absorbing braided twin rope lanyards, ø 11 mm, <b>2 m</b> , loop at both ends, 3 connectors M10   | 37712 | <b>91,00</b>  |
| LDAD 11 1,5 m-10-53-53 | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , 1 connector M10 and 2 M53 steel     | 40702 | <b>112,00</b> |
| LDAD 11 2 m-10-53-53   | absorbing braided twin rope lanyards, ø 11 mm, <b>2 m</b> , 1 connector M10 and 2 M53 steel       | 40712 | <b>114,00</b> |
| LDAD 11 1,5 m-10-51-51 | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , 1 connector M10 and 2 M51 aluminium | 29732 | <b>146,00</b> |
| LDAD 11 2 m-10-51-51   | absorbing braided twin rope lanyards, ø 11 mm, <b>2 m</b> , 1 connector M10 and 2 M51 aluminium   | 26202 | <b>152,00</b> |
| LDAD 11 1,5 m-12-12-12 | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , loop at both ends, 3 connectors M12 | 14252 | <b>104,00</b> |
| LDAD 11 1,5 m-12-51-51 | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , 1 connector M12 and 2 M51           | 14262 | <b>159,00</b> |
| LDAD 11 1,5 m-12-52-52 | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , 1 connector M12 and 2 M52           | 14272 | <b>177,00</b> |
| LDAD 11 1,5 m-41-41-41 | absorbing braided twin rope lanyards, ø 11 mm, <b>1,5 m</b> , eyelet end, 3 connectors M41        | 27032 | <b>93,00</b>  |
| LDAD 11 2 m-41-41-41   | absorbing braided twin rope lanyards, ø 11 mm, <b>2 m</b> , eyelet end, 3 connectors M41          | 37722 | <b>99,00</b>  |
| ABSORBING 45 NAKED     | absorbing, l 45 mm, L 200 mm, naked                                                               | 27402 | <b>32,30</b>  |
|                        |                                                                                                   |       |               |
|                        |                                                                                                   |       |               |

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

RESCUE

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TRACTELIFT

ACCESSORIES



The given lengths for TRACTEL® lanyards include the connectors. Tolerance ±5%

# Fall arrest systems

## Rope Lanyards with Absorber

EN 355

| Description         | Description                                                                             | Code  | Price €       |
|---------------------|-----------------------------------------------------------------------------------------|-------|---------------|
| LCA 12 1,5 m-BB     | absorbing lanyard, ø 12 mm, <b>1,5 m</b> ,                                              | 38152 | <b>51,00</b>  |
| LCA 12 2 m-BB       | absorbing lanyard, ø 12 mm, <b>2 m</b> ,                                                | 38162 | <b>52,50</b>  |
| LCA 12 1,5 m-CC     | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , eyelet end                                   | 28852 | <b>47,50</b>  |
| LCA 12 1,5 m-10-10  | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , loop at both ends, 2 connectors M10          | 10812 | <b>62,00</b>  |
| LCA 12 2 m-10-10    | absorbing lanyard, ø 12 mm, <b>2 m</b> , loop at both ends, 2 connectors M10            | 10842 | <b>63,50</b>  |
| LCA 12 1,5 m-10-11  | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , loop at both ends, connectors M10, M11       | 10822 | <b>67,50</b>  |
| LCA 12 2 m-10-11    | absorbing lanyard, ø 12 mm, <b>2 m</b> , loop at both ends, connectors M10, M11         | 10852 | <b>69,00</b>  |
| LCA12 1,5 m-10-41   | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M10 and 1 M41                    | 12572 | <b>63,00</b>  |
| LCA 12 2 m-10-41    | absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 1 M41                      | 12642 | <b>64,50</b>  |
| LCA 12 1,5 m-10-53  | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M10 and 1 M53 steel              | 19082 | <b>75,00</b>  |
| LCA 12 2 m-10-53    | absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 1 M53 steel                | 19092 | <b>76,50</b>  |
| LCA 12 1,5 m-10-51  | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connectors M10 and 1 M51 aluminium         | 10832 | <b>96,50</b>  |
| LCA 12 2 m-10-51    | absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connectors M10 and 1 M51 aluminium           | 10862 | <b>96,50</b>  |
| LCA 12 2 m-41-41    | absorbing lanyard, ø 12 mm, <b>2 m</b> , 2 connectors M41                               | 27092 | <b>68,00</b>  |
| LCA 12 1,5 m-41-53  | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M41 and 1 M53 steel              | 40552 | <b>77,50</b>  |
| LCA 12 2 m-41-53    | absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M41 and 1 M53 steel                | 40562 | <b>79,50</b>  |
| LCA 12 1,5 m-41-51  | absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M41 and 1 M51 aluminium          | 12582 | <b>97,50</b>  |
| LCA 12 2 m-41-51    | absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M41 and 1 M51 aluminium            | 38172 | <b>99,00</b>  |
| LCAR 12 1,5 m-CC    | reducing absorbing lanyard, ø 12 mm, <b>1,5 m</b> , eyelet end                          | 25382 | <b>54,50</b>  |
| LCAR 12 1,5 m-10-10 | reducing absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 2 connectors M10                    | 10752 | <b>67,00</b>  |
| LCAR 12 2 m-10-10   | reducing absorbing lanyard, ø 12 mm, <b>2 m</b> , 2 connectors M10                      | 10782 | <b>72,50</b>  |
| LCAR 12 1,5 m-10-11 | reducing absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M10 and 1 M11           | 10762 | <b>72,00</b>  |
| LCAR 12 2 m-10-11   | reducing absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 1 M11             | 10792 | <b>76,00</b>  |
| LCAR 12 2 m-10-13   | reducing absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 1 M13             | 33572 | <b>79,00</b>  |
| LCAR 12 2 m-10-53   | reducing absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 1 M53 steel       | 19112 | <b>97,50</b>  |
| LCAR 12 1,5 m-10-51 | reducing absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M10 and 1 M51 aluminium | 10772 | <b>108,00</b> |
| LCAR 12 2 m-10-51   | reducing absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 1 M51 aluminium   | 10802 | <b>111,00</b> |

### LCA



The given lengths for TRACTEL lanyards include the connectors. Tolerance  $\pm 5\%$

# Fall arrest systems

## Twin Rope Lanyards with Absorber

HARNESSES  
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LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

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ACCESSORIES

### LCAD



#### EN 355

| Description                   | Description                                                                         | Code  | Price €       |
|-------------------------------|-------------------------------------------------------------------------------------|-------|---------------|
| <b>LCAD 12 1,5 m-BBB</b>      | twin absorbing lanyard, ø 12 mm, <b>1,5 m</b> , loop at both ends                   | 40572 | <b>63,00</b>  |
| <b>LCAD 12 2 m-BBB</b>        | twin absorbing lanyard, ø 12 mm, <b>2 m</b> , loop at both ends                     | 11682 | <b>64,50</b>  |
| <b>LCAD 12 1,5 m-10-10-10</b> | twin absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 3 connectors M10                    | 10872 | <b>80,50</b>  |
| <b>LCAD 12 2 m-10-10-10</b>   | twin absorbing lanyard, ø 12 mm, <b>2 m</b> , 3 connectors M10                      | 10902 | <b>83,50</b>  |
| <b>LCAD 12 1,5 m-10-11-11</b> | twin absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M10 and 2 M11           | 10882 | <b>80,00</b>  |
| <b>LCAD 12 2 m-10-11-11</b>   | twin absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 2 M11             | 10912 | <b>87,00</b>  |
| <b>LCAD 12 1,5 m-10-53-53</b> | twin absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M10 and 2 M53 steel     | 19122 | <b>106,00</b> |
| <b>LCAD 12 2 m-10-53-53</b>   | twin absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 2 M53 steel       | 19132 | <b>109,00</b> |
| <b>LCAD 12 1,5 m-10-51-51</b> | twin absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 1 connector M10 and 2 M51 aluminium | 10892 | <b>143,00</b> |
| <b>LCAD 12 2 m-10-51-51</b>   | twin absorbing lanyard, ø 12 mm, <b>2 m</b> , 1 connector M10 and 2 M51 aluminium   | 10922 | <b>146,00</b> |
| <b>LCAD 12 1,5 m-41-41-41</b> | twin absorbing lanyard, ø 12 mm, <b>1,5 m</b> , 3 connectors M41                    | 40662 | <b>86,50</b>  |
| <b>LCAD 12 2 m-41-41-41</b>   | twin absorbing lanyard, ø 12 mm, <b>2 m</b> , 3 connectors M41                      | 40672 | <b>90,50</b>  |



The given lengths for TRACTEL® lanyards include the connectors. Tolerance ±5%

# Fall arrest systems

## Twin Webbing Lanyards with Absorber



**WARNING** : As part of the evolution of the High Capacity Range 150 kg, many product codes will change in 2018. To help you, you will find below the list of current product codes in 100 kg followed by the new codes produced in 150 kg. Please consult Tractel® to confirm that the 150 kg products are already available before placing your order.

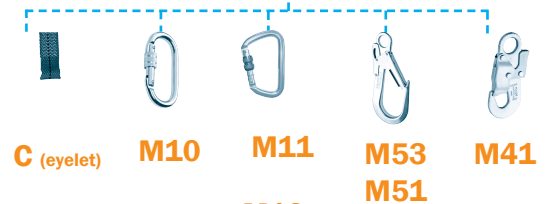
EN 355

| Description             | Description                                                                                       | Old Code | 150 kg Code | Price € |
|-------------------------|---------------------------------------------------------------------------------------------------|----------|-------------|---------|
| LSA 30 1.5 m -CC        | absorbing webbing lanyard, w 30 mm, 1.5 m, loop at both ends                                      | 25402    | 75172       | 58,00   |
| LSA 30 2 m -CC          | absorbing webbing lanyard, w 30 mm, 2 m, loop at both ends                                        | 11742    | 75312       | 59,50   |
| LSA 30 1.5 m -10-10     | absorbing webbing lanyard, w 30 mm, 1.5 m, loop at both ends, 2 connectors M10                    | 11122    | 75182       | 67,50   |
| LSA 30 2 m -10-10       | absorbing webbing lanyard, w 30 mm, 2 m, loop at both ends, 2 connectors M10                      | 11152    | 75322       | 69,00   |
| LSA 30 1.5 m -10-11     | absorbing webbing lanyard, w 30 mm, 1.5 m, loop at both ends, 1 connector M10 and 1 M11           | 11132    | 75192       | 75,50   |
| LSA 30 2 m -10-11       | absorbing webbing lanyard, w 30 mm, 2 m, loop at both ends, 1 connector M10 and 1 M11             | 11162    | 75332       | 77,00   |
| LSA 30 1.5 m -10-53     | absorbing webbing lanyard, w 30 mm, 1.5 m, loop at both ends, 1 connector M10 and 1 M53 steel     | 19142    | 75232       | 80,00   |
| LSA30 2 m -10-53        | absorbing webbing lanyard, w 30 mm, 2 m, loop at both ends, 1 connector M10 and 1 M53 steel       | 19152    | 75362       | 81,00   |
| LSA 30 1.5 m -10-51     | absorbing webbing lanyard, w 30 mm, 1.5 m, loop at both ends, 1 connector M10 and 1 M51 aluminium | 11142    | 75212       | 98,20   |
| LSA 30 2 m -10-51       | absorbing webbing lanyard, w 30 mm, 2 m, loop at both ends, 1 connector M10 and 1 M51 aluminium   | 11172    | 75352       | 99,70   |
| LSA 30 1.5 m -10-41     | absorbing webbing lanyard, w 30 mm, 1.5 m, loop at both ends, 1 connector M10 and 1 M41           | 20982    | 75202       | 72,00   |
| LSA 30 2 m -10-41       | absorbing webbing lanyard, w 30 mm, 2 m, loop at both ends, 1 connector M10 and 1 M41             | 12022    | 75342       | 73,50   |
| LSAD 30 1.5 m -10-10-10 | absorbing webbing lanyard twin, w 30 mm, 1.5 m, loop at both ends, 3 connectors M10               | 11182    | 74992       | 76,90   |
| LSAD 30 2 m -10-10-10   | absorbing webbing lanyard twin, w 30 mm, 2 m, loop at both ends, 3 connectors M10                 | 11212    | 75102       | 79,40   |
| LSAD 30 1.5 m -10-11-11 | absorbing webbing lanyard twin, w 30 mm, 1.5 m, 1 connector M10 and 2 M11                         | 11192    | 75002       | 85,00   |
| LSAD 30 2 m -10-11-11   | absorbing webbing lanyard twin, w 30 mm, 2 m, 1 connector M10 and 2 M11                           | 11222    | 75112       | 86,70   |
| LSAD 30 1.5 m -10-53-53 | absorbing webbing lanyard twin, w 30 mm, 1.5 m, 1 connector M10 and 2 M53                         | 19162    | 75032       | 97,00   |
| LSAD 30 2 m -10-53-53   | absorbing webbing lanyard twin, w 30 mm, 2 m, 1 connector M10 and 2 M53                           | 19172    | 75142       | 101,50  |
| LSAD 30 1.5 m -10-51-51 | absorbing webbing lanyard twin, w 30 mm, 1.5 m, 1 connector M10 and 2 M51 aluminium               | 11202    | 75022       | 116,00  |
| LSAD 30 2 m -10-51-51   | absorbing webbing lanyard twin, w 30 mm, 2 m, 1 connector M10 and 2 M51 aluminium                 | 11232    | 75132       | 121,50  |
| LSAD 30 2 m -10-54-54   | absorbing webbing lanyard twin, w 30 mm, 2 m, 1 connector M10 and 2 M54 aluminium, opening 110mm  | 41312    | 75152       | 260,00  |

C (eyelet) M10



LSA



C (eyelet) M10 M11 M53 M41 M10 M51 M51

LSAD



M10 M11 M51 M53 M54



The given lengths for Tractel® lanyards include the connectors. Tolerance ± 5%

# Lanyards and connectors

HARNESSES AND BELTS

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FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

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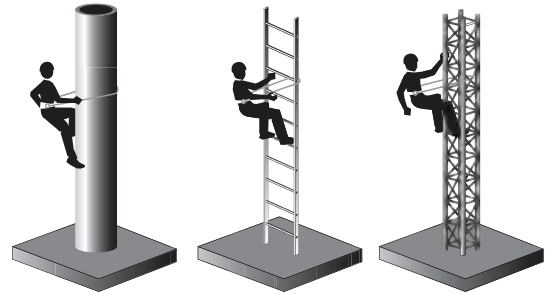
FABA™ TRACTELIFT

ACCESSORIES

★ Acceptable for

★★ Well suited for

★★★ Optimal for



### Pole straps:

Designed to maintain the user in position when working at height on a structure. N.B. Not a fall arrest device.

### EN 358

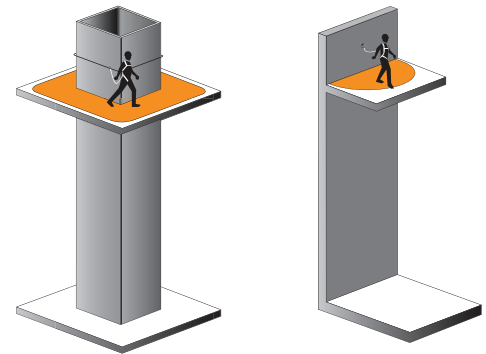
## EN 355 / EN 354 / EN 358

Applications examples

lanyards LCR lanyards LSE lanyards LD lanyards LC lanyards LS lanyards LDF lanyards LCF



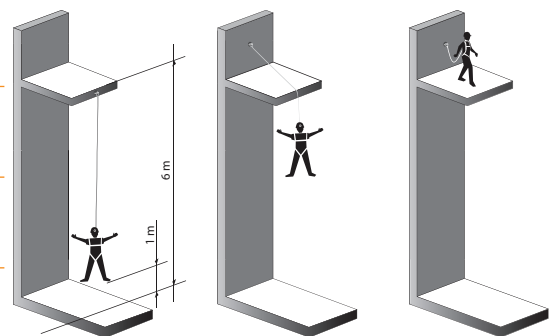
| Application                 | lanyards LCR | lanyards LSE | lanyards LD | lanyards LC | lanyards LS | lanyards LDF | lanyards LCF |
|-----------------------------|--------------|--------------|-------------|-------------|-------------|--------------|--------------|
| Roof work                   | ★            | ★            | ★           | ★           |             |              |              |
| Roof slope work             | ★            | ★            | ★           | ★           |             |              |              |
| Roof slope work (steeper)   |              |              |             |             |             | ★★           | ★★           |
| Overhead work               | ★            | ★            | ★           | ★           |             |              |              |
| Overhead work (scaffolding) | ★★           | ★★           | ★★          | ★★          |             | ★★           | ★★           |
| Overhead work (scaffolding) |              |              |             |             |             |              |              |
| Overhead work (scaffolding) | ★            | ★            | ★           | ★           |             |              |              |
| Overhead work (scaffolding) | ★            | ★            | ★           | ★           |             |              |              |
| Overhead work (scaffolding) | ★            | ★            | ★           | ★           |             |              |              |
| Overhead work (scaffolding) | ★            | ★            | ★           | ★           |             |              |              |



### Restraint lanyards:

Designed to limit user movements within the perimeter of safety zones. N.B. Not a fall arrest device.

### EN 354



### Fall arrests lanyards:

Lanyards with integrated energy absorber, deployed in the event of a fall.

### EN 355

# Lanyards and connectors

## Support lanyards

| EN 358              |                                                                                                    |       |         |  |
|---------------------|----------------------------------------------------------------------------------------------------|-------|---------|--|
| Description         | Description                                                                                        | Code  | Price € |  |
| LCR 12 C-C          | reducing lanyard, stranded rope, ø 12 mm, 1,5 m, no connector                                      | 11972 | 23,00   |  |
| LCR 12 10-10        | reducing lanyard, stranded rope, ø 12 mm, 1,5 m, 2 connectors M10                                  | 10682 | 36,50   |  |
| LCR 12 10-11        | reducing lanyard, stranded rope, ø 12 mm, 1,5 m, 1 connector M10 and 1 M11                         | 10692 | 41,50   |  |
| LCR 12 10-51        | reducing lanyard, stranded rope, ø 12 mm, 1,5 m, 1 connector M10 and 1 M51                         | 10702 | 69,00   |  |
| LCR 12 10-53        | reducing lanyard, stranded rope, ø 12 mm, 1,5 m, 1 connector M10 and 1 M53                         | 20462 | 47,00   |  |
| LCR 12 41-10        | reducing lanyard, stranded rope, ø 12 mm, 1,5 m, 1 connector M10 and 1 M41                         | 20762 | 37,50   |  |
| LCR 12 C-C          | reducing lanyard, stranded rope, ø 12 mm, 2 m, no connector                                        | 10712 | 23,77   |  |
| LCR 12 10-10        | reducing lanyard, stranded rope, ø 12 mm, 2 m, 2 connectors M10                                    | 10722 | 37,00   |  |
| LCR 12 10-11        | reducing lanyard, stranded rope, ø 12 mm, 2 m, 1 connector M10 and 1 M11                           | 10732 | 43,00   |  |
| LCR 12 11-42        | reducing lanyard, stranded rope, ø 12 mm, 2 m, 1 connector M11 and 1 M42                           | 31532 | 49,50   |  |
| LCR 12 10-51        | reducing lanyard, stranded rope, ø 12 mm, 2 m, 1 connector M10 and 1 M51                           | 10742 | 69,00   |  |
| LCR 12 10-41        | reducing lanyard, stranded rope, ø 12 mm, 2 m, 1 connector M10 and 1 M41                           | 27072 | 39,50   |  |
| LCR 12 10-53        | reducing lanyard, stranded rope, ø 12 mm, 2 m, 1 connector M10 and 1 M53                           | 20472 | 49,00   |  |
| LCR 12 10-13        | reducing lanyard, stranded rope, ø 12 mm, 2 m, 1 connector M10 and 1 M13                           | 33562 | 47,50   |  |
| LCM 03 2 m -M40-M10 | stopfor™ KM tensioning, reinforced braided rope, ø 12,5 mm, 2 m, 1 connector M40 and 1 M10, sleeve | 58582 | 169,10  |  |
| LCM 03 3 m -M40-M10 | stopfor™ KM tensioning, reinforced braided rope, ø 12,5 mm, 3 m, 1 connector M40 and 1 M10, sleeve | 58592 | 184,30  |  |
| LCM 03 4 m -M40-M10 | stopfor™ KM tensioning, reinforced braided rope, ø 12,5 mm, 4 m, 1 connector M40 and 1 M10, sleeve | 58602 | 193,00  |  |
| SLEEVE              | protective sleeve                                                                                  | 18192 | 16,90   |  |

LCR

LCM 03



SLEEVE



The given lengths for Tractel® lanyards include the connectors.  
Tolerance ±5%

# Lanyards and connectors

## Support lanyards

HARNESSES  
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FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
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ACCESSORIES

LCM 04

LCM 05

LCM 06



**WARNING :** As part of the evolution of the High Capacity Range 150 kg, many product codes will change in 2018. To help you, you will find below the list of current product codes in 100 kg followed by the new codes produced in 150 kg. Please consult Tractel® to confirm that the 150 kg products are already available before placing your order.



EN 358

| Description                 | Description                                                                                             | Code  | Price €       |
|-----------------------------|---------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>LCM 04 2 m-M12-M41</b>   | jaw tensioning, braided rope, ø 12 mm, <b>2 m</b> , 1 connector M12 and 1 M41                           | 40492 | <b>132,00</b> |
| <b>LCM 04 3 m-M12-M41</b>   | jaw tensioning, braided rope, ø 12 mm, <b>3 m</b> , 1 connector M12 and 1 M41                           | 40502 | <b>137,00</b> |
| <b>LCM 04 4 m-M12-M41</b>   | jaw tensioning, braided rope, ø 12 mm, <b>4 m</b> , 1 connector M12 and 1 M41                           | 40512 | <b>139,00</b> |
| <b>LCM 04 2 m-M12-M41-G</b> | jaw tensioning, braided rope, ø 12 mm, <b>2 m</b> , 1 connector M12 and 1 M41, <b>protective sleeve</b> | 20302 | <b>151,00</b> |
| <b>LCM 04 3 m-M12-M41-G</b> | jaw tensioning, braided rope, ø 12 mm, <b>3 m</b> , 1 connector M12 and 1 M41, <b>protective sleeve</b> | 20182 | <b>155,00</b> |
| <b>LCM 04 4 m-M12-M41-G</b> | jaw tensioning, braided rope, ø 12 mm, <b>4 m</b> , 1 connector M12 and 1 M41, <b>protective sleeve</b> | 20312 | <b>159,00</b> |
| <b>LCM 05 2 m-M41</b>       | <b>stopfor™ K tensioning</b> , braided rope, ø 12,5 mm, <b>2 m</b> , 1 connector M41                    | 38002 | <b>96,60</b>  |
| <b>LCM 05 3 m-M41</b>       | <b>stopfor™ K tensioning</b> , braided rope, ø 12,5 mm, <b>3 m</b> , 1 connector M41                    | 38012 | <b>105,00</b> |
| <b>LCM 05 4 m-M41</b>       | <b>stopfor™ K tensioning</b> , braided rope, ø 12,5 mm, <b>4 m</b> , 1 connector M41                    | 38022 | <b>113,00</b> |

EN 358

| Description               | Description                                                                                      | Code  | Price €      |
|---------------------------|--------------------------------------------------------------------------------------------------|-------|--------------|
| <b>LCM 06 2 m-M41-M10</b> | <b>stopfor™ B tensioning</b> , on stranded rope, ø 14 mm, <b>2 m</b> , 1 connector M41 and 1 M10 | 44742 | <b>76,57</b> |
| <b>LCM 06 3 m-M41-M10</b> | <b>stopfor™ B tensioning</b> , on stranded rope, ø 14 mm, <b>3 m</b> , 1 connector M41 and 1 M10 | 44752 | <b>78,00</b> |
| <b>LCM 06 4 m-M41-M10</b> | <b>stopfor™ B tensioning</b> , on stranded rope, ø 14 mm, <b>4 m</b> , 1 connector M41 and 1 M10 | 44762 | <b>82,00</b> |



The given lengths for Tractel® lanyards include the connectors. Tolerance ±5%

# Lanyards and connectors

## Elastic Webbing Lanyards

| EN 354           |                                                                     | Description | Code  | Price € |
|------------------|---------------------------------------------------------------------|-------------|-------|---------|
| LSE 1,5 m-BB     | elastic webbing lanyard, W 35 mm, 1,5 m, no connectors              | 54092       | 25,18 |         |
| LSE 1,75 m-BB    | elastic webbing lanyard, W 35 mm, 1,75 m, no connectors             | 54102       | 32,00 |         |
| LSE 2 m-BB       | elastic webbing lanyard, W 35 mm, 2 m, no connectors                | 54112       | 36,50 |         |
| LSE 1,5 m-10-10  | elastic webbing lanyard, W 35 mm, 1,5 m, 2 connectors M10           | 54132       | 39,50 |         |
| LSE 1,75 m-10-10 | elastic webbing lanyard, W 35 mm, 1,75 m, 2 connectors M10          | 54142       | 44,50 |         |
| LSE 2 m-10-10    | elastic webbing lanyard, W 35 mm, 2 m, 2 connectors M10             | 54152       | 49,50 |         |
| LSE 1,5 m-10-41  | elastic webbing lanyard, W 35 mm, 1,5 m, 1 connector M10 and 1 M41  | 54172       | 42,00 |         |
| LSE 1,75 m-10-41 | elastic webbing lanyard, W 35 mm, 1,75 m, 1 connector M10 and 1 M41 | 54182       | 48,00 |         |
| LSE 2 m-10-41    | elastic webbing lanyard, W 35 mm, 2 m, 1 connector M10 and 1 M41    | 54192       | 51,50 |         |
| LSE 1,5 m-10-51  | elastic webbing lanyard, W 35 mm, 1,5 m, 1 connector M10 and 1 M51  | 54212       | 74,00 |         |
| LSE 1,75 m-10-51 | elastic webbing lanyard, W 35 mm, 1,75 m, 1 connector M10 and 1 M51 | 54222       | 78,00 |         |
| LSE 2 m-10-51    | elastic webbing lanyard, W 35 mm, 2 m, 1 connector M10 and 1 M51    | 54232       | 83,50 |         |
| LSE 1,5 m-10-53  | elastic webbing lanyard, W 35 mm, 1,5 m, 1 connector M10 and 1 M53  | 54252       | 49,50 |         |
| LSE 1,75 m-10-53 | elastic webbing lanyard, W 35 mm, 1,75 m, 1 connector M10 and 1 M53 | 54262       | 57,00 |         |
| LSE 2 m-10-53    | elastic webbing lanyard, W 35 mm, 2 m, 1 connector M10 and 1 M53    | 54272       | 62,00 |         |
| LSE 1,5 m-41-41  | elastic webbing lanyard, W 35 mm, 1,5 m, 2 connectors M41           | 54372       | 43,70 |         |
| LSE 1,75 m-41-41 | elastic webbing lanyard, W 35 mm, 1,75 m, 2 connectors M41          | 54382       | 49,50 |         |
| LSE 2 m-41-41    | elastic webbing lanyard, W 35 mm, 2 m, 2 connectors M41             | 54392       | 53,00 |         |
| LSE 1,5 m-41-51  | elastic webbing lanyard, W 35 mm, 1,5 m, 1 connector M41 and 1 M51  | 54292       | 75,00 |         |
| LSE 1,75 m-41-51 | elastic webbing lanyard, W 35 mm, 1,75 m, 1 connector M41 and 1 M51 | 54302       | 80,00 |         |
| LSE 2 m-41-51    | elastic webbing lanyard, W 35 mm, 2 m, 1 connector M41 and 1 M51    | 54312       | 85,50 |         |
| LSE 1,5 m-41-53  | elastic webbing lanyard, W 35 mm, 1,5 m, 1 connector M41 and 1 M53  | 54332       | 54,00 |         |
| LSE 1,75 m-41-53 | elastic webbing lanyard, W 35 mm, 1,75 m, 1 connector M41 and 1 M53 | 54342       | 59,50 |         |
| LSE 2 m-41-53    | elastic webbing lanyard, W 35 mm, 2 m, 1 connector M41 and 1 M53    | 54352       | 63,00 |         |

### LSE



The given lengths for Tractel® lanyards include the connectors.  
Tolerance  $\pm 5\%$



# Lanyards and connectors

## Braided Securing Rope Lanyards

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### LD



| EN 354            |                                                                                   | Code  | Price €      |
|-------------------|-----------------------------------------------------------------------------------|-------|--------------|
| Description       | Description                                                                       |       |              |
| LD 11 1 m-BB      | braided rope lanyard, ø 11 mm, <b>1 m</b> , loop at both ends                     | 33692 | <b>14,50</b> |
| LD 11 1,5 m-BB    | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , loop at both ends                   | 37752 | <b>15,90</b> |
| LD 11 2 m-BB      | braided rope lanyard, ø 11 mm, <b>2 m</b> , loop at both ends                     | 33702 | <b>16,63</b> |
| LD 11 1 m-CC      | braided rope lanyard, ø 11 mm, <b>1 m</b> , eyelet at end                         | 33672 | <b>15,30</b> |
| LD 11 1,5 m-CC    | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , eyelet at end                       | 40482 | <b>16,06</b> |
| LD 11 2 m-CC      | braided rope lanyard, ø 11 mm, <b>2 m</b> , eyelet at end                         | 33682 | <b>17,58</b> |
| LD 11 1 m-10-10   | braided rope lanyard, ø 11 mm, <b>1 m</b> , small buckles end, 2 connectors M10   | 37762 | <b>27,50</b> |
| LD 11 1,5 m-10-10 | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , small buckles end, 2 connectors M10 | 37772 | <b>28,50</b> |
| LD 11 2 m-10-10   | braided rope lanyard, ø 11 mm, <b>2 m</b> , small buckles end, 2 connectors M10   | 37782 | <b>29,50</b> |
| LD 11 1 m-10-53   | braided rope lanyard, ø 11 mm, <b>1 m</b> , 1 connector M10 and 1 M53 steel       | 40422 | <b>39,00</b> |
| LD 11 1,5 m-10-53 | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , 1 connector M10 and 1 M53 steel     | 40432 | <b>40,50</b> |
| LD 11 2 m-10-53   | braided rope lanyard, ø 11 mm, <b>2 m</b> , 1 connector M10 and 1 M53 steel       | 40442 | <b>42,00</b> |
| LD 11 1 m-10-51   | braided rope lanyard, ø 11 mm, <b>1 m</b> , 1 connector M10 and 1 M51 aluminium   | 40202 | <b>60,50</b> |
| LD 11 1,5 m-10-51 | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , 1 connector M10 and 1 M51 aluminium | 40212 | <b>62,00</b> |
| LD 11 2 m-10-51   | braided rope lanyard, ø 11 mm, <b>2 m</b> , 1 connector M10 and 1 M51 aluminium   | 40222 | <b>63,00</b> |
| LD 11 1 m-41-41   | braided rope lanyard, ø 11 mm, <b>1 m</b> , 2 connectors M41                      | 37792 | <b>31,50</b> |
| LD 11 1,5 m-41-41 | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , 2 connectors M41                    | 37802 | <b>32,50</b> |
| LD 11 2 m-41-41   | braided rope lanyard, ø 11 mm, <b>2 m</b> , 2 connectors M41                      | 37812 | <b>34,00</b> |
| LD 11 1 m-41-53   | braided rope lanyard, ø 11 mm, <b>1 m</b> , 1 connector M41 and 1 M53 steel       | 40452 | <b>41,00</b> |
| LD 11 1,5 m-41-53 | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , 1 connector M41 and 1 M53 steel     | 40462 | <b>42,00</b> |
| LD 11 2 m-41-53   | braided rope lanyard, ø 11 mm, <b>2 m</b> , 1 connector M41 and M53 steel         | 40472 | <b>43,00</b> |
| LD 11 1 m-41-51   | braided rope lanyard, ø 11 mm, <b>1 m</b> , 1 connector M41 and 1 M51 aluminium   | 31032 | <b>62,00</b> |
| LD 11 1,5 m-41-51 | braided rope lanyard, ø 11 mm, <b>1,5 m</b> , 1 connector M41 and 1 M51 aluminium | 37822 | <b>63,30</b> |
| LD 11 2 m-41-51   | braided rope lanyard, ø 11 mm, <b>2 m</b> , 1 connector M41 and M51 aluminium     | 37832 | <b>64,00</b> |



The given lengths for Tractel® lanyards include the connectors.  
Tolerance ±5%

# Lanyards and connectors

## Braided Securing Twin Rope Lanyards

EN 354

| Description                   | Description                                                                            | Code  | Price €       |
|-------------------------------|----------------------------------------------------------------------------------------|-------|---------------|
| <b>LDF 11 1 m-BBB</b>         | braided twin rope lanyard, ø 11 mm, <b>1 m</b> , no connector                          | 37842 | <b>22,50</b>  |
| <b>LDF 11 1,5 m-BBB</b>       | braided twin rope lanyard, ø 11 mm, <b>1,5 m</b> , no connector                        | 37852 | <b>25,30</b>  |
| <b>LDF 11 2 m-BBB</b>         | braided twin rope lanyard, ø 11 mm, <b>2 m</b> , no connector                          | 37862 | <b>27,55</b>  |
| <b>LDF 11 0,5 m / 1 m-BCC</b> | braided twin rope lanyard, ø 11 mm, <b>0,5 m / 1 m</b> , eyelet at end                 | 37962 | <b>24,70</b>  |
| <b>LDF 11 1 m-10-10-10</b>    | braided twin rope lanyard, ø 11 mm, <b>1 m</b> , 3 connectors M10                      | 40232 | <b>41,00</b>  |
| <b>LDF 11 1,5 m-10-10-10</b>  | braided twin rope lanyard, ø 11 mm, <b>1,5 m</b> , 3 connectors M10                    | 40242 | <b>43,50</b>  |
| <b>LDF 11 2 m-10-10-10</b>    | braided twin rope lanyard, ø 11 mm, <b>2 m</b> , 3 connectors M10                      | 40252 | <b>46,00</b>  |
| <b>LDF 11 1 m-41-41-41</b>    | braided twin rope lanyard, ø 11 mm, <b>1 m</b> , 3 connectors M41                      | 37902 | <b>47,00</b>  |
| <b>LDF 11 1,5 m-41-41-41</b>  | braided twin rope lanyard, ø 11 mm, <b>1,5 m</b> , 3 connectors M41                    | 37912 | <b>50,00</b>  |
| <b>LDF 11 2 m-41-41-41</b>    | braided twin rope lanyard, ø 11 mm, <b>2 m</b> , 3 connectors M41                      | 37922 | <b>52,00</b>  |
| <b>LDF 11 1 m-10-53-53</b>    | braided twin rope lanyard, ø 11 mm, <b>1 m</b> , 1 connector M10 and 2 M53 steel       | 40392 | <b>65,00</b>  |
| <b>LDF 11 1,5 m-10-53-53</b>  | braided twin rope lanyard, ø 11 mm, <b>1,5 m</b> , 1 connector M10 and 2 M53 steel     | 40402 | <b>68,50</b>  |
| <b>LDF 11 2 m-10-53-53</b>    | braided twin rope lanyard, ø 11 mm, <b>2 m</b> , 1 connector M10 and 2 M53 steel       | 40412 | <b>69,00</b>  |
| <b>LDF 11 1 m-10-51-51</b>    | braided twin rope lanyard, ø 11 mm, <b>1 m</b> , 1 connector M10 and 2 M51 aluminium   | 37932 | <b>102,00</b> |
| <b>LDF 11 1,5 m-10-51-51</b>  | braided twin rope lanyard, ø 11 mm, <b>1,5 m</b> , 1 connector M10 and 2 M51 aluminium | 37942 | <b>105,00</b> |
| <b>LDF 11 2 m-10-51-51</b>    | braided twin rope lanyard, ø 11 mm, <b>2 m</b> , 1 connector M10 and 2 M51 aluminium   | 37952 | <b>107,00</b> |

### LDF

**B (naked)**

**M10**

**M41**



The given lengths for Tractel® lanyards include the connectors.  
Tolerance ±5%

# Lanyards and connectors

## Securing Rope Lanyards

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### LC

**B (naked)**    **C (eyelet)**    **M10**



EN 354

| Description              | Description                                                                                 | Code  | Price €      |
|--------------------------|---------------------------------------------------------------------------------------------|-------|--------------|
| <b>LC 12 1 m-BB</b>      | lanyard, stranded rope, ø 12 mm, <b>1 m</b> , loop at both ends                             | 10592 | <b>11,95</b> |
| <b>LC 12 1,5 m-BB</b>    | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , loop at both ends                           | 10622 | <b>12,50</b> |
| <b>LC 12 2 m-BB</b>      | lanyard, stranded rope, ø 12 mm, <b>2 m</b> , loop at both ends                             | 10652 | <b>13,50</b> |
| <b>LC 12 1,5 m-B-10</b>  | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , loop at both ends, 1 connector M10          | 26982 | <b>18,50</b> |
| <b>LC 12 1,5 m-B-51</b>  | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , loop at both ends, 1 connector M51          | 20712 | <b>52,00</b> |
| <b>LC 12 1 m-CC</b>      | lanyard, stranded rope, ø 12 mm, <b>1 m</b> , eyelet end                                    | 10602 | <b>11,40</b> |
| <b>LC 12 1,5 m-CC</b>    | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , eyelet end                                  | 10632 | <b>12,30</b> |
| <b>LC 12 2 m-CC</b>      | lanyard, stranded rope, ø 12 mm, <b>2 m</b> , eyelet end                                    | 10662 | <b>13,40</b> |
| <b>LC 12 1,5 m-C-10</b>  | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , eyelet end, 1 connector M10                 | 26962 | <b>19,00</b> |
| <b>LC 12 1,5 m-C-51</b>  | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , eyelet end, 1 connector M51                 | 26972 | <b>53,00</b> |
| <b>LC 12 1 m-10-10</b>   | lanyard, stranded rope, ø 12 mm, <b>1 m</b> , 2 connectors M10                              | 10612 | <b>24,30</b> |
| <b>LC 12 1,5 m-10-10</b> | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , 2 connectors M10                            | 10642 | <b>24,70</b> |
| <b>LC 12 2 m-10-10</b>   | lanyard, stranded rope, ø 12 mm, <b>2 m</b> , 2 connectors M10                              | 10672 | <b>26,22</b> |
| <b>LC 12 1 m-10-41</b>   | lanyard, stranded rope, ø 12 mm, <b>1 m</b> , eyelet end, 1 connector M10 and 1 M41 steel   | 12512 | <b>26,50</b> |
| <b>LC 12 1,5 m-10-41</b> | lanyard, stranded rope, ø 12 mm, <b>1,5 m</b> , eyelet end, 1 connector M10 and 1 M41 steel | 26152 | <b>27,00</b> |
| <b>LC 12 2 m-10-41</b>   | lanyard, stranded rope, ø 12 mm, <b>2 m</b> , eyelet end, 1 connector M10 and 1 M41 steel   | 11992 | <b>28,50</b> |



The given lengths for Tractel® lanyards include the connectors. Tolerance ±5%

# Lanyards and connectors

## Securing Rope Lanyards

| EN 354            |                                                                                                             |       |         |
|-------------------|-------------------------------------------------------------------------------------------------------------|-------|---------|
| Description       | Description                                                                                                 | Code  | Price € |
| LC 12 1 m-10-53   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1 m</b> , eyelet end, 1 connector M10 and 1 M53 steel       | 28512 | 36,50   |
| LC 12 1.5 m-10-53 | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1.5 m</b> , eyelet end, 1 connector M10 and 1 M53 steel     | 26942 | 36,58   |
| LC 12 2 m-10-53   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>2 m</b> , eyelet end, 1 connector M10 and 1 M53 steel       | 38202 | 39,00   |
| LC 12 1 m-10-51   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1 m</b> , eyelet end, 1 connector M10 and 1 M51 aluminium   | 12502 | 58,00   |
| LC 12 1.5 m-10-51 | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1.5 m</b> , eyelet end, 1 connector M10 and 1 M51 aluminium | 28602 | 59,00   |
| LC 12 2 m-10-51   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>2 m</b> , eyelet end, 1 connector M10 and 1 M51 aluminium   | 11982 | 61,60   |
| LC 12 2 m-10-52   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>2 m</b> , eyelet end, 1 connector M10 and 1 M52             | 20062 | 67,30   |
| LC 12 1 m-41-41   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1 m</b> , eyelet end, 2 connectors M41                      | 26922 | 29,50   |
| LC 12 1.5 m-41-41 | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1.5 m</b> , eyelet end, 2 connectors M41                    | 12532 | 30,50   |
| LC 12 2 m-41-41   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>2 m</b> , eyelet end, 2 connectors M41                      | 28992 | 31,00   |
| LC 12 1 m-41-53   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1 m</b> , eyelet end, 1 connector M41 and 1 M53 steel       | 40582 | 39,00   |
| LC 12 1.5 m-41-53 | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1.5 m</b> , eyelet end, 1 connector M41 and 1 M53 steel     | 40592 | 40,00   |
| LC 12 2 m-41-53   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>2 m</b> , eyelet end, 1 connector M41 and 1 M53 steel       | 40602 | 41,00   |
| LC 12 1 m-41-51   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1 m</b> , eyelet end, 1 connector M41 and 1 M51 aluminium   | 40612 | 60,00   |
| LC 12 1.5 m-41-51 | lanyard, stranded rope, $\varnothing$ 12 mm, <b>1.5 m</b> , eyelet end, 1 connector M41 and 1 M51 aluminium | 40622 | 61,00   |
| LC 12 2 m-41-51   | lanyard, stranded rope, $\varnothing$ 12 mm, <b>2 m</b> , eyelet end, 1 connector M41 and 1 M51 aluminium   | 29002 | 62,50   |

LC

M10

M41



M53  
M51

M52

M41



The given lengths for Tractel® lanyards include the connectors.  
Tolerance  $\pm 5\%$

# Lanyards and connectors

## Twin Rope Lanyards

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### LCF

EN 354

| Description           | Description                                                                      | Code  | Price €       |
|-----------------------|----------------------------------------------------------------------------------|-------|---------------|
| LCF 12 0.3 m-CCC      | lanyard, ø 12 mm, <b>0.3 m</b> , eyelet ends                                     | 10562 | <b>20,90</b>  |
| LCF 12 1 m-CCC        | lanyard, ø 12 mm, <b>1 m</b> , eyelet ends                                       | 29082 | <b>20,90</b>  |
| LCF 12 1.5 m-CCC      | lanyard, ø 12 mm, <b>1.5 m</b> , eyelet ends                                     | 38212 | <b>22,00</b>  |
| LCF 12 2 m-CCC        | lanyard, ø 12 mm, <b>2 m</b> , eyelet ends                                       | 38222 | <b>23,75</b>  |
| LCF 12 0.3 m-C-10-10  | lanyard, ø 12 mm, <b>0.3 m</b> , eyelet end and 2 connectors M10                 | 10572 | <b>33,50</b>  |
| LCF 12 1 m-10-10-10   | lanyard, ø 12 mm, <b>1 m</b> , eyelet end, 3 connectors M10                      | 10582 | <b>39,00</b>  |
| LCF 12 1.5 m-10-10-10 | lanyard, ø 12 mm, <b>1.5 m</b> , eyelet end, 3 connectors M10                    | 38232 | <b>40,00</b>  |
| LCF 12 2 m-10-10-10   | lanyard, ø 12 mm, <b>2 m</b> , eyelet end, 3 connectors M10                      | 35242 | <b>43,00</b>  |
| LCF 12 1 m-B-11-11    | lanyard, ø 12 mm, <b>1 m</b> , eyelet end, 1 naked eyelet 2 connectors M11       | 11952 | <b>57,00</b>  |
| LCF 12 1 m-10-53-53   | lanyard, ø 12 mm, <b>1 m</b> , eyelet end, 1 connector M10 and 2 M53 steel       | 40632 | <b>64,00</b>  |
| LCF 12 1.5 m-10-53-53 | lanyard, ø 12 mm, <b>1.5 m</b> , eyelet end, 1 connector M10 and 2 M53 steel     | 35012 | <b>65,00</b>  |
| LCF 12 2 m-10-53-53   | lanyard, ø 12 mm, <b>2 m</b> , eyelet end, 1 connector M10 and 2 M53 steel       | 40642 | <b>67,00</b>  |
| LCF 12 1 m-10-51-51   | lanyard, ø 12 mm, <b>1 m</b> , eyelet end, 1 connector M10 and 2 M51 aluminium   | 26902 | <b>103,00</b> |
| LCF 12 1.5 m-10-51-51 | lanyard, ø 12 mm, <b>1.5 m</b> , eyelet end, 1 connector M10 and 2 M51 aluminium | 38272 | <b>106,00</b> |
| LCF 12 2 m-10-51-51   | lanyard, ø 12 mm, <b>2 m</b> , eyelet end, 1 connector M10 and 2 M51 aluminium   | 38282 | <b>107,00</b> |
| LCF 12 1 m-41-41-41   | lanyard, ø 12 mm, <b>1 m</b> , eyelet end, 3 connectors M41                      | 26892 | <b>46,00</b>  |
| LCF 12 1.5 m-41-41-41 | lanyard, ø 12 mm, <b>1.5 m</b> , eyelet end, 3 connectors M41                    | 38252 | <b>50,00</b>  |
| LCF 12 2 m-41-41-41   | lanyard, ø 12 mm, <b>2 m</b> , eyelet end, 3 connectors M41                      | 38262 | <b>50,00</b>  |

C (eyelet) M10 M11 M41



C (eyelet) M10 M11 M53 M51 M41



The given lengths for Tractel® lanyards include the connectors.  
Tolerance ±5%

# Lanyards and connectors

## Webbing Securing Lanyards

### LS

B (naked) C (eyelet) M10 M41



| EN 354            |                                                                        | Description | Description  | Code | Price € |
|-------------------|------------------------------------------------------------------------|-------------|--------------|------|---------|
| LS 30 1 m-BB      | webbing lanyard, W 30 mm, <b>1 m</b> , big loop end only               | 10932       | <b>16,63</b> |      |         |
| LS 30 1.5 m-BB    | webbing lanyard, W 30 mm, <b>1.5 m</b> , big loop end only             | 10952       | <b>17,58</b> |      |         |
| LS 30 2 m-BB      | webbing lanyard, W 30 mm, <b>2 m</b> , big loop end only               | 10972       | <b>19,00</b> |      |         |
| LS 30 1 m-CC      | webbing lanyard, W 30 mm, <b>1 m</b> , loop at both ends               | 12682       | <b>16,50</b> |      |         |
| LS 30 1.5 m-CC    | webbing lanyard, W 30 mm, <b>1.5 m</b> , loop at both ends             | 12702       | <b>18,00</b> |      |         |
| LS 30 2 m-CC      | webbing lanyard, W 30 mm, <b>2 m</b> , loop at both ends               | 12722       | <b>19,00</b> |      |         |
| LS 30 1 m-B-41    | webbing lanyard, W 30 mm, <b>1 m</b> , small loop end, 1 connector M41 | 28892       | <b>24,50</b> |      |         |
| LS 30 1 m-10-10   | webbing lanyard, W 30 mm, <b>1 m</b> , 2 connectors M10                | 12692       | <b>28,50</b> |      |         |
| LS 30 1.5 m-10-10 | webbing lanyard, W 30 mm, <b>1.5 m</b> , 2 connectors M10              | 12712       | <b>30,00</b> |      |         |
| LS 30 2 m-10-10   | webbing lanyard, W 30 mm, <b>2 m</b> , 2 connectors M10                | 12012       | <b>30,50</b> |      |         |
| LS 30 1.5 m-10-51 | webbing lanyard, W 30 mm, <b>1.5 m</b> , 1 connector M10 and 1 M51     | 35082       | <b>66,00</b> |      |         |
| LS 30 2 m-41-41   | webbing lanyard, W 30 mm, <b>2 m</b> , 2 connectors M41                | 27422       | <b>36,50</b> |      |         |



The given lengths for Tractel® lanyards include the connectors. Tolerance ±5%

★ Acceptable for

★★ Well suited for

★★★ Optimal for

## EN 362

Applications examples

| Permanent connection | Frequent connection | Frequent connection on tube |
|----------------------|---------------------|-----------------------------|
| M10                  | M11 / M15 / M22 /   | M31 / M32                   |
| M12                  | M23 / M40 / M41 /   | / M33                       |
| M13                  | M42 / M46 / M47 /   | M51 / M52                   |
|                      | M60 / M61           | / M53                       |
|                      |                     | M54 / M56                   |



| Application           | Permanent connection | Frequent connection | Frequent connection on tube |
|-----------------------|----------------------|---------------------|-----------------------------|
| Roof work             | ★                    | ★★★                 |                             |
| Roof edge work        | ★★                   | ★★★                 |                             |
| Roof slope work       | ★★                   | ★★★                 |                             |
| Window cleaning       | ★★                   | ★                   | ★                           |
| Structural steel work | ★                    | ★★★                 | ★                           |
| Bridge work           | ★                    | ★★★                 | ★                           |
| Construction site     | ★★                   | ★★★                 |                             |
| Work on scaffolding   | ★★                   | ★★★                 | ★★★                         |
| Work on ladders       | ★                    | ★★★                 | ★★★                         |

# Lanyards and connectors

## Connectors



| EN 362      |                                                                                            |        |         |
|-------------|--------------------------------------------------------------------------------------------|--------|---------|
| Description | Description                                                                                | Code   | Price € |
| M10         | bichromate steel, permanent connection, manual screw locking, opening ø 18 mm              | 31652  | 6,50    |
| M11         | bichromate steel, frequent connection, semi automatic locking, opening ø 17 mm             | 31662  | 13,60   |
| M12         | aluminium, permanent connection, manual screw locking, opening ø 17 mm                     | 31672  | 13,00   |
| M13         | aluminium, permanent connection, manual screw locking, opening ø 22 mm                     | 31682  | 19,40   |
| M15         | aluminium, frequent connection, semi automatic locking, opening ø 20 mm                    | 31692  | 21,52   |
| M22         | aluminium, frequent connection, semi automatic locking, triple lock, opening ø 22 mm       | 56222  | 24,70   |
| M23         | bichromate steel, frequent connection, automatic locking, triple lock, opening ø 18 mm     | 59002  | 21,47   |
| M31         | stainless steel, frequent connection, automatic locking, opening ø 80 mm                   | 10432  | 32,00   |
| M32         | stainless steel, frequent connection, automatic locking, opening ø 105 mm                  | 10442  | 38,40   |
| M33         | stainless steel, frequent connection, automatic locking, opening ø 140 mm                  | 10452  | 44,30   |
| M40         | aluminium, frequent connection, automatic locking, opening ø 25 mm                         | 31712  | 26,50   |
| M41         | bichromate steel, frequent connection, automatic locking, opening ø 21 mm                  | 31722  | 9,40    |
| M42         | aluminium, frequent connection, automatic locking, opening ø 18 mm                         | 31732  | 15,50   |
| M46         | bichromate steel, frequent connection, automatic locking, opening ø 20 mm, fall indicators | 31742  | 40,70   |
| M47         | bichromate steel, frequent connection, automatic locking, opening ø 20 mm                  | 33032  | 19,10   |
| M51         | aluminium, frequent connection, automatic locking, opening ø 60 mm                         | 31752  | 40,60   |
| M52         | aluminium, frequent connection, sliding ring locking, opening ø 60 mm                      | 31762  | 52,00   |
| M53         | bichromate steel, frequent connection, automatic locking, opening ø 50 mm                  | 31772  | 18,50   |
| M54         | aluminium, frequent connection, automatic locking, opening ø 110 mm                        | 32462  | 98,80   |
| M56         | aluminium, frequent connection, automatic locking, opening ø 24 mm                         | 32472  | 40,40   |
| M60         | bichromate steel, frequent connection, semi automatic locking, opening ø 50 mm             | 32482  | 53,50   |
| M61         | bichromate steel, frequent connection, manual screw locking, opening ø 60 mm               | 33082  | 52,60   |
| AM53        | for pole, bichromate steel, frequent connection, automatic locking, opening ø 50 mm        | 106117 | 97,00   |
| AM54        | for pole, bichromate steel, frequent connection, automatic locking, opening ø 110 mm       | 113427 | 149,00  |
| pole (only) | 6 m long, fibreglass, for long connections with AM53 or AM54, <b>without connector</b>     | 106697 | 190,00  |
| pole + AM53 | pole equipped with connector AM53                                                          | 59452  | 279,00  |
| pole + AM54 | pole equipped with connector AM54                                                          | 59462  | 333,00  |
| quick link  | stainless steel, opening ø 11 mm                                                           | 39822  | 6,00    |





# Lifeline and anchor points

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

★ Acceptable for

★★ Well suited for

★★★ Optimal for

**EN 795 A1/A2/B/C**  
**EN 353-1/353-2**  
**EN 517**

Applications examples



| Application                  | tirsafe™ | travsafe™ | AS19 | Anchor PA |
|------------------------------|----------|-----------|------|-----------|
| Work on a roof               | ★★       | ★★        |      | ★         |
| Work on a sloped roof        | ★★       | ★★        | ★    | ★         |
| Work on a steep roof         | ★★       | ★★        | ★    | ★         |
| Work on a horizontal surface | ★★       | ★★        | ★★   | ★         |
| Work on a vertical surface   |          |           | ★★   |           |
| Work on a curved surface     |          |           | ★    |           |
| Work on a structure          |          |           |      | ★         |
| Work on a vertical wall      | ★★       | ★★        | ★    | ★         |
| Work on a scaffold           |          |           | ★★   |           |
| Work on a ladder             |          |           | ★★   |           |

# Permanent Lifelines

## travsafe™

### Up to 5 people

EN 795 C - 2012

| Description                | Description                                                                     | Code   | Price € |
|----------------------------|---------------------------------------------------------------------------------|--------|---------|
| <b>CABLE</b>               | 1 m galvanised travsafe™ cable, ø 8 mm, 1 strand de 19 wires, (2 per line)      | 17311  | 3,60    |
|                            | 1 m stainless steel travsafe™ cable, ø 8 mm, 1 strand de 19 wires, (2 per line) | 17301  | 9,00    |
| <b>END ANCHOR KIT</b>      | 1 end anchor, 2 absorber rings, 2 stop rings, 2 red end pieces                  |        |         |
|                            | stainless steel kit (2 per line)                                                | 27588  | 151,00  |
|                            | set of stainless steel rings (2 per line)                                       | 68488  | 173,85  |
|                            | aluminium kit (2 per line)                                                      | 26028  | 137,00  |
| <b>INTERMEDIARY ANCHOR</b> | stainless steel anchor                                                          | 126435 | 68,12   |
|                            | aluminium anchor                                                                | 20715  | 32,30   |
| <b>TURNING ANCHOR KIT</b>  | 2 turning point anchors, 4 absorber rings                                       |        |         |
|                            | stainless steel kit                                                             | 74317  | 157,70  |
|                            | aluminium kit                                                                   | 74307  | 83,00   |
| <b>SLIDER</b>              | standard slider                                                                 | 76149  | 155,00  |
|                            | opening slider                                                                  | 76159  | 260,00  |
| <b>ROLLSAFE</b>            | movable anchor point                                                            | 75919  | 426,00  |
| <b>ACCESSORIES</b>         | stop ring (2 per end)                                                           | 20725  | 13,60   |
|                            | absorber ring (4 per curve)                                                     | 108787 | 12,10   |
|                            | absorber ring (4 per turn and/or by intermediary crimping),                     | 20735  | 4,56    |
|                            | junction ring                                                                   | 20875  | 105,00  |

stainless steel end anchor



aluminium end anchor



stainless steel intermediary / turn



aluminium intermediary / turn



standard slider



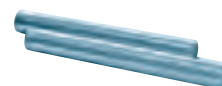
opening slider



rollsafe



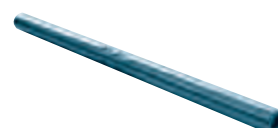
stop rings



absorber rings



junction ring



#### WARNING!

Lifelines are safety components classe III. Instructions for installation and the quotation must be followed precisely.

# Permanent Lifelines

## travsafe™

### Up to 5 people

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

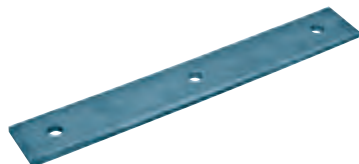
#### signage plate

red end



| Description | Description             | Code   | Price € |
|-------------|-------------------------|--------|---------|
| accessories | red end piece           | 25996  | 0,20    |
|             | signage plate           | 117505 | 13,49   |
|             | aluminium signage plate | 137335 | 13,60   |

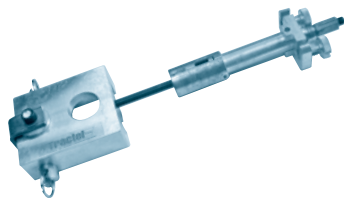
turn plate



#### travsafe™

| Description | Description                                                              | Code   | Price € |
|-------------|--------------------------------------------------------------------------|--------|---------|
| turn plate  | turning point plate, 2 screw bolts M16                                   | 114375 | 87,90   |
| screw       | stainless steel screws batch M16x50 mm, with brack screw bolt and washer | 74327  | 3,52    |

tensioning tool



#### travsafe™ tools

| Description            | Description                                  | Code   | Price € |
|------------------------|----------------------------------------------|--------|---------|
| tensioning tool        | with adaptater                               | 27988  | 1671,00 |
| electric crimping tool | electric power crimping tool                 | 75739  | 2463,35 |
| jaw                    | for electric power crimping tool             | 105857 | 87,40   |
| battery                | for electric power crimping tool             | 114335 | 219,00  |
| charger                | 110 - 220 V for electric power crimping tool | 114315 | 249,00  |

electric crimping



Post for travsafe™ lifeline page 177.

#### WARNING !

Lifelines are safety components classe III. The installation and studying documents must be followed precisely.

# Permanent Lifelines

## travflex™ 2

EN 795 C - 2012

| Description                                                                                              | Description                                                                                                             | Code          | Price €       |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| <b>starter kit galvanised*</b>                                                                           | <b>galvanised</b> wire rope travflex™ 2 eyelet, ø 8 mm 3 m, 5 strands of 19 strands, wedge socket                       | 57252         | <b>115,00</b> |
|                                                                                                          | extra meter                                                                                                             | 25151         | <b>4,20</b>   |
| <b>starter kit s/steel*</b>                                                                              | wire rope <b>s/steel</b> travflex™ 2 eyelet, ø 8 mm 3 m, 7 strands of 19 strands, wedge socket                          | 57262         | <b>145,00</b> |
|                                                                                                          | extra meter                                                                                                             | 25091         | <b>8,30</b>   |
| <b>end anchor</b>                                                                                        | <b>galvanised</b> end anchor                                                                                            | 100378        | <b>87,00</b>  |
|                                                                                                          | <b>s/steel</b> end anchor                                                                                               | 100388        | <b>113,00</b> |
| <b>intermediary anchor</b>                                                                               | every 15m min                                                                                                           | 100398        | <b>128,00</b> |
| <b>turning kit</b>                                                                                       | turn anchor <b>galvanised</b> for metal roofing panel                                                                   | 100408        | <b>294,00</b> |
|                                                                                                          | turn anchor <b>s/steel</b> for metal roofing panel                                                                      | 100418        | <b>319,00</b> |
|                                                                                                          | turn anchor <b>galvanised</b> for rigid structure                                                                       | 100618        | <b>281,00</b> |
|                                                                                                          | turn anchor <b>s/steel</b> for rigid structure                                                                          | 100628        | <b>312,00</b> |
| <b>tensioning device</b>                                                                                 | cable tensioning system, stainless steel material                                                                       | 40742         | <b>76,00</b>  |
| <b>mounting plate</b>                                                                                    | Galvanized mounting plate to fix end and intermediate anchors on steel container, 125 mm, 8 rivets and 1 M16 bolt.      | 100428        | <b>67,00</b>  |
|                                                                                                          | Stainless steel mounting plate to fix end and intermediate anchors on steel container, 125 mm, 8 rivets and 1 M16 bolt. | 100438        | <b>90,00</b>  |
|                                                                                                          | Galvanized mounting plate to fix turn anchors on steel container, 125 mm, 12 rivets and 1 M16 bolt.                     | 100448        | <b>120,00</b> |
|                                                                                                          | Stainless steel mounting plate to fix turn anchors on steel container, 125 mm, 12 rivets and 1 M16 bolt.                | 100458        | <b>132,00</b> |
|                                                                                                          | Galvanized mounting plate to fix end and intermediate anchors on steel container, 250 mm, 6 rivets and 1 M16 bolt.      | 100468        | <b>67,00</b>  |
|                                                                                                          | Stainless steel mounting plate to fix end and intermediate anchors on steel container, 250 mm, 6 rivets and 1 M16 bolt. | 100478        | <b>99,00</b>  |
|                                                                                                          | Galvanized mounting plate to fix turn anchors on steel container, 250 mm, 12 rivets and 1 M16 bolt.                     | 100488        | <b>97,00</b>  |
| Stainless steel mounting plate to fix turn anchors on steel container, 250 mm, 12 rivets and 1 M16 bolt. | 100498                                                                                                                  | <b>153,00</b> |               |

start kit cable with wedge socket



end anchor



intermediary anchor wall or post



turning kit



tensioning device



mounting plate to fix end and intermediate anchor



mounting plate to fix turn anchor



\* Prices may be subject to change without prior notice.

### WARNING !

Lifelines are safety components classe III. The installation and studying documents must be followed precisely.

# Permanent Lifelines

## travflex™ 2

Up to 3 people

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

mounting plate to fix  
end and intermediate  
anchor



mounting plate to  
fix turn anchor



tension gauge



energy  
shock-absorber



travsmart traveller



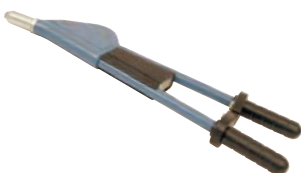
wedge socket



signage plate



riveting machine



| Description           | Description                                                                                                             | Code   | Price € |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------|--------|---------|
|                       | Galvanized mounting plate to fix end and intermediate anchors on steel container, 333 mm, 6 rivets and 1 M16 bolt.      | 100508 | 72,00   |
|                       | Stainless steel mounting plate to fix end and intermediate anchors on steel container, 333 mm, 6 rivets and 1 M16 bolt. | 100518 | 113,00  |
|                       | Galvanized mounting plate to fix turn anchors on steel container, 333 mm, 12 rivets and 1 M16 bolt.                     | 100528 | 98,00   |
|                       | Stainless steel mounting plate to fix turn anchors on steel container, 333 mm, 12 rivets and 1 M16 bolt.                | 100538 | 173,00  |
| tension gauge         | stainless steel material                                                                                                | 66858  | 88,00   |
| energy shock-absorber | shock-absorber with quick link                                                                                          | 66688  | 148,00  |
| travsmart™ traveller  | model                                                                                                                   | 251349 | 268,00  |
| accessories           | wedge socket                                                                                                            | 193837 | 92,00   |
|                       | signage plate                                                                                                           | 117505 | 13,49   |
|                       | aluminium signage plate                                                                                                 | 137335 | 13,60   |
|                       | Bag of 50 rivets                                                                                                        | 100548 | 118,00  |
|                       | Bag of 50 Drillnox screws 1-3.5                                                                                         | 100558 | 80,00   |
|                       | Bag of 50 Drillnox screws 4-12                                                                                          | 100638 | 106,00  |
|                       | Riveting machine                                                                                                        | 100568 | 918,00  |

### WARNING !

Lifelines are safety components classe III. The installation and studying documents must be followed precisely.

# Permanent Lifelines

## travsmart

Up to 5 people

EN 795 C - 2012

| Description                       | Description                                                                   | Code   | Price €       |
|-----------------------------------|-------------------------------------------------------------------------------|--------|---------------|
| <b>Galvanised start kit*</b>      | galvanised cable with eyelet, ø 8 mm, 5 strands of 19 wires, wedge socket     | 57252  | <b>115,00</b> |
|                                   | additional meter                                                              | 25151  | <b>4,20</b>   |
| <b>Stainless steel start kit*</b> | stainless steel cable with eyelet, ø 8 mm 7 strands of 19 wires, wedge socket | 57262  | <b>145,00</b> |
|                                   | additional meter                                                              | 25091  | <b>8,30</b>   |
| <b>end anchor</b>                 | for wall fixing                                                               | 193897 | <b>83,90</b>  |
|                                   | for wall post                                                                 | 66698  | <b>30,50</b>  |
| <b>intermediary anchor</b>        | every 15 m min                                                                | 193847 | <b>70,60</b>  |
|                                   | for ceiling fixing, every 15 m min                                            | 193857 | <b>96,00</b>  |
| <b>turning anchor kit</b>         | 2 intermediary turning anchors, tube guide                                    | 193867 | <b>187,00</b> |
|                                   | 2 intermediary turning anchors for fixing ceiling, tube guide                 | 193877 | <b>214,00</b> |
| <b>tensioner</b>                  | cable tensioning system, stainless steel material                             | 40742  | <b>76,00</b>  |
| <b>tension gauge</b>              | stainless steel material                                                      | 66858  | <b>88,00</b>  |
| <b>energy shock-absorber</b>      | shock-absorber with quick link                                                | 66688  | <b>148,00</b> |
| <b>travsmart™ traveller</b>       | model                                                                         | 251349 | <b>268,00</b> |
| <b>accessories</b>                | turning plate post                                                            | 193887 | <b>62,10</b>  |
|                                   | wedge socket                                                                  | 193837 | <b>92,00</b>  |
|                                   | signage plate                                                                 | 117505 | <b>13,49</b>  |
|                                   | aluminium signage plate                                                       | 137335 | <b>13,60</b>  |

start kit cable with wedge socket



end anchor for post



end anchor for wall



intermediary anchor ceiling



intermediary anchor wall or post



turning kit



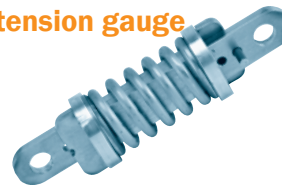
tensioning device



energy shock-absorber



tension gauge



travsmart™ traveller



wedge socket



signage plate



Posts for travspring™, travspring™ One and travsmart lifelines pages 177 and 178.

\* Prices may be subject to change without prior notice.

### WARNING !

Lifelines are safety components classe III. The installation and studying documents must be followed precisely.

# Permanent Lifelines

## travspring™

Up to 5 people

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

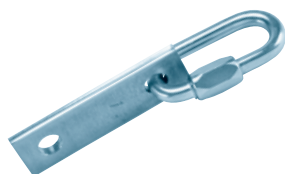
end anchor  
for wall



start kit cable



end anchor for post



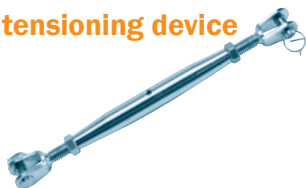
intermediary anchor



turning point



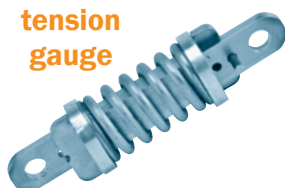
tensioning device



energy shock-  
absorber



tension  
gauge



signage plate



Posts for travspring™, travspring™ One and travsmart lifelines pages 177 and 178.

EN 795 C - 2012

| Description              | Description                                                                                                                              | Code   | Price €        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
| start kit cable galva*   | galvanised cable with eyelet, ø 8 mm, 5 strands of 19 wires, wedge socket                                                                | 57252  | <b>115,00</b>  |
|                          | additional meter                                                                                                                         | 25151  | <b>4,20</b>    |
| start kit cable inox*    | stainless steel cable with eyelet, ø 8 mm 7 strands of 19 wires, wedge socket                                                            | 57262  | <b>145,00</b>  |
|                          | additional meter                                                                                                                         | 25091  | <b>8,30</b>    |
| end anchor               | for wall fixing                                                                                                                          | 66848  | <b>54,50</b>   |
|                          | for post fixing                                                                                                                          | 66698  | <b>30,50</b>   |
| intermediary anchor      | every 15 m min                                                                                                                           | 66868  | <b>39,90</b>   |
| turning point anchor kit | 2 intermediary turning anchors, 90° tube guide                                                                                           | 66878  | <b>236,00</b>  |
| travspring™ tensioner    | cable tensioning system, stainless steel                                                                                                 | 40742  | <b>76,00</b>   |
| tension gauge            | stainless steel                                                                                                                          | 66858  | <b>88,00</b>   |
| energy shock-absorber    | shock-absorber with quick link                                                                                                           | 66688  | <b>148,00</b>  |
| N° 9 quick link          | ø 9 mm quick link, manual screw locking, opening ø 20 mm                                                                                 | 39822  | <b>6,00</b>    |
| accessories              | turning post plate                                                                                                                       | 66998  | <b>57,00</b>   |
|                          | plastic signage plate                                                                                                                    | 117505 | <b>13,49</b>   |
|                          | aluminium signage plate                                                                                                                  | 137335 | <b>13,60</b>   |
| travspring™ kit 15 m     | set of M12 x 35 mm, 50 mm screws with bolt and washer                                                                                    | 111177 | <b>3,52</b>    |
|                          | 2 absorbers, 2 wall end anchors, 1 tensioner, 1 tension gauge, 15 m stainless steel cable ø 8 mm, 1 signage plate                        | 43822  | <b>744,00</b>  |
| travspring™ kit 20 m     | 2 absorbers, 2 wall end anchors, 1 tensioner, 1 tension gauge, 20 m stainless steel cable ø 8 mm, 1 intermediary anchor, 1 signage plate | 43832  | <b>834,00</b>  |
| travspring™ kit 30 m     | 2 absorbers, 2 wall end anchors, 1 tensioner, 1 tension gauge, 30 m stainless steel cable ø 8 mm, 1 intermediary anchor, 1 signage plate | 43842  | <b>918,00</b>  |
| travspring™ kit 40 m     | 2 absorbers, 2 wall end anchors, 1 tensioner, 1 tension gauge, 40 m stainless steel cable ø 8 mm, 1 intermediary anchor, 1 signage plate | 43852  | <b>1012,00</b> |

\* Prices may be subject to change without prior notice.

### WARNING !

Lifelines are safety components classe III. Instructions for installation and the quotation must be followed precisely.

# Permanent Lifelines

## travspring™ One

Up to 5 people

EN 795 C - 2012

| Description                   | Description                                                                                     | Code   | Price €       |
|-------------------------------|-------------------------------------------------------------------------------------------------|--------|---------------|
| <b>start kit cable galva*</b> | <b>galvanised</b> wire rope travsmart eyelet, ø 8 mm 3 m, 5 strands of 19 strands, wedge socket | 57252  | <b>115,00</b> |
|                               | additional meter                                                                                | 25151  | <b>4,20</b>   |
| <b>end anchor</b>             | for wall fixing                                                                                 | 87358  | <b>53,10</b>  |
|                               | for post fixing                                                                                 | 87368  | <b>31,20</b>  |
| <b>intermediary anchor</b>    | for wall fixing, every 15 m min                                                                 | 113247 | <b>11,80</b>  |
|                               | for post fixing, every 15 m min                                                                 | 213057 | <b>7,24</b>   |
| <b>turn point anchor kit</b>  | 2 intermediary turn anchors, 90° tube guide                                                     | 66878  | <b>236,00</b> |
| <b>energy shock-absorber</b>  | shock-absorber with quick link                                                                  | 66688  | <b>148,00</b> |
| <b>N°9 quick link</b>         | ø 9 mm quick link, manual screw locking, opening ø 20 mm                                        | 39822  | <b>6,00</b>   |
| <b>accessories</b>            | signage plate                                                                                   | 117505 | <b>13,49</b>  |
|                               | aluminium signage plate                                                                         | 137335 | <b>13,60</b>  |

end anchor for wall



start kit cable



end anchor for post



intermediary anchor for wall



intermediary anchor for post



energy shock-absorber



turning point



\* Prices may be subject to change without prior notice.



Posts for travspring™, travspring™ One and travsmart lifelines pages 177 and 178.

### WARNING !

Lifelines are safety components class III. Instructions for installation and the quotation must be followed precisely.



# Permanent Lifelines

## Lifeline interface posts

EN 795 C - 2012

**GALVA**



post square plate



post rectangular plate



post ridge plate 20°



post angle plate



post equipped with a heat cut square plate



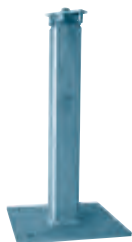
post equipped with a heat cut rectangular plate



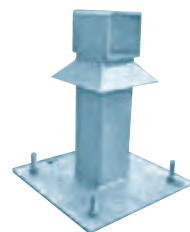
post equipped with a heat cut ridge plate 20°



post equipped with a heat cut angle plate



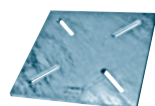
turning post square plate



post square plate tube 120x120 mm for travsafe™



watertightness



under plate for post

| Description                                                                                                | Description | Code  | Price € |
|------------------------------------------------------------------------------------------------------------|-------------|-------|---------|
| Lifeline interface posts for <b>travsmart, travspring™</b> or <b>travspring™ One</b> (intermediate or end) |             |       |         |
| <b>70x70 mm</b> galvanised steel tube                                                                      |             |       |         |
| <b>Post square plate 270x270 mm</b>                                                                        |             |       |         |
| Height 250 mm                                                                                              |             | 72008 | 128,00  |
| Height 500 mm                                                                                              |             | 66888 | 120,75  |
| Height 750 mm                                                                                              |             | 72298 | 166,00  |
| <b>Post rectangular plate 352x160 mm</b>                                                                   |             |       |         |
| Height 250 mm                                                                                              |             | 71968 | 98,30   |
| Height 500 mm                                                                                              |             | 71978 | 101,00  |
| Height 750 mm                                                                                              |             | 72308 | 137,00  |
| <b>Post ridge plate 20° 270x270 mm</b>                                                                     |             |       |         |
| Height 250 mm                                                                                              |             | 72278 | 130,00  |
| Height 500 mm                                                                                              |             | 72288 | 140,00  |
| <b>Post angle plate 350x370 mm</b>                                                                         |             |       |         |
| Height 250 mm                                                                                              |             | 71988 | 139,00  |
| Height 250 mm                                                                                              |             | 71998 | 144,00  |

| Description                                                                                                | Description | Code   | Price € |
|------------------------------------------------------------------------------------------------------------|-------------|--------|---------|
| Lifeline interface posts for <b>travsmart, travspring™</b> or <b>travspring™ One</b> (intermediate or end) |             |        |         |
| <b>70x70 mm</b> galvanised steel tube equipped with a heat cut-out                                         |             |        |         |
| <b>Post equipped with a heat cut-out square plate 270x270 mm</b>                                           |             |        |         |
| Height 250 mm                                                                                              |             | 186648 | 225,00  |
| Height 500 mm                                                                                              |             | 186688 | 259,00  |
| Height 750 mm                                                                                              |             | 186728 | 320,00  |
| <b>Post equipped with a heat cut-out rectangular plate 352x160 mm</b>                                      |             |        |         |
| Height 250 mm                                                                                              |             | 186668 | 203,00  |
| Height 500 mm                                                                                              |             | 186708 | 225,00  |
| Height 750 mm                                                                                              |             | 186738 | 320,00  |
| <b>Post equipped with a heat cut-out ridge plate 20° 270x270 mm</b>                                        |             |        |         |
| Height 250 mm                                                                                              |             | 186658 | 228,00  |
| Height 500 mm                                                                                              |             | 186698 | 275,00  |
| <b>Post equipped with a heat cut-out angular plate 350x370 mm</b>                                          |             |        |         |
| Height 250 mm                                                                                              |             | 186678 | 239,00  |
| Height 500 mm                                                                                              |             | 186718 | 266,00  |

| Description                                                                                                                                     | Description | Code   | Price € |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|---------|
| Lifeline interface posts for <b>travspring™</b> or <b>travspring™ One</b> (intermediate).                                                       |             |        |         |
| <b>70x70 mm</b> galvanised steel tube equipped with pulley for corner installation                                                              |             |        |         |
| Height 500 mm                                                                                                                                   |             | 186678 | 239,00  |
| Lifeline interface posts for <b>travsafe™</b> (intermediate or end)                                                                             |             |        |         |
| Square plate <b>120x120 mm</b> galvanised steel tube                                                                                            |             |        |         |
| Height 500 mm                                                                                                                                   |             | 104565 | 204,00  |
| <b>Options</b>                                                                                                                                  |             |        |         |
| Watertightness flange for post tube <b>70x70 mm</b>                                                                                             |             |        |         |
|                                                                                                                                                 |             | 129505 | 26,41   |
| Under plate in galvanised steel thickness 10 mm, for post tube <b>70x70 mm, height 250 and 500 mm</b> , equipped square plate <b>270x270 mm</b> |             |        |         |
|                                                                                                                                                 |             | 130995 | 47,74   |
| Under plate in galvanised steel thickness 15 mm, for post tube <b>70x70 mm height 750 mm</b> , equipped square plate <b>270x270 mm</b>          |             |        |         |
|                                                                                                                                                 |             | 133295 | 101,65  |
| Under plate in galvanised steel thickness 10 mm, for post tube <b>120x120 mm, height 500 mm</b>                                                 |             |        |         |
|                                                                                                                                                 |             | 131825 | 128,00  |

HARNESSES AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

RESCUE

FABA™ TRACTELIFT

ACCESSORIES

# Permanent and temporary lifelines

## Lifeline interface posts, tirsafe™ and tempo

EN 795 C - 2012

| Description                                                                                                                                                | Description | Code   | Price € |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|---------|
| Lifeline interface posts for <b>travsmart</b> , <b>travspring™</b> or <b>travspring™ One</b> (intermediate or end)<br><b>70x70 mm</b> Stainless steel tube |             |        |         |
| <b>Post square plate 270x270 mm</b>                                                                                                                        |             |        |         |
| Height 250 mm                                                                                                                                              |             | 186808 | 310,00  |
| Height 500 mm                                                                                                                                              |             | 186838 | 369,00  |
| <b>Post rectangular plate 352x160 mm</b>                                                                                                                   |             |        |         |
| Height 250 mm                                                                                                                                              |             | 186818 | 299,00  |
| Height 500 mm                                                                                                                                              |             | 186848 | 348,00  |
| <b>Post angle plate 350x370 mm</b>                                                                                                                         |             |        |         |
| Height 250 mm                                                                                                                                              |             | 186828 | 448,00  |
| Height 500 mm                                                                                                                                              |             | 186858 | 516,00  |

**STAINLESS  
STEEL**



post square plate



post rectangular plate



post angle plate

## Temporary Lifelines

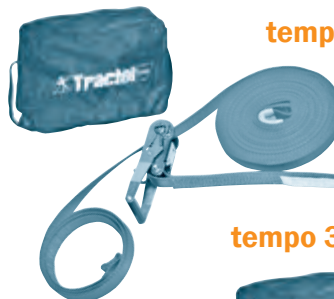
EN 795 B/C -  
2012

| Description        | Description                                                                                                                                                       | Code  | Price € |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| <b>tirsafe™ T3</b> | temporary lifeline for 3 people:<br>1 anchoring point with tirsafe™ energy absorber<br>1 tirfor® T3 cable winch<br>20 m long cable of ø 8 mm<br>2 x 2 m slings    | 75909 | 1100,00 |
| <b>tempo 2</b>     | temporary lifeline for 2 people:<br>synthetic fibre webbing straps, adjustable from 0 to 18 m<br>2 AS19 webbing strap rings<br>2 M10 connectors<br>1 shoulder bag | 36768 | 273,00  |
| <b>tempo 3</b>     | temporary lifeline for 3 people:<br>static braided rope with tensioner<br>2 AS19 webbing strap rings<br>2 M10 connectors<br>1 shoulder bag                        | 68468 | 261,50  |

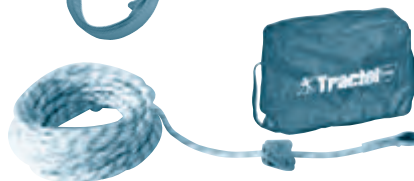
tirsafe™ T3



tempo 2



tempo 3



# Anchor points

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

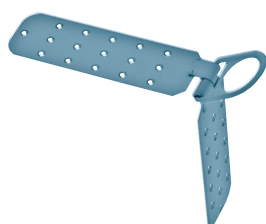
AS19S



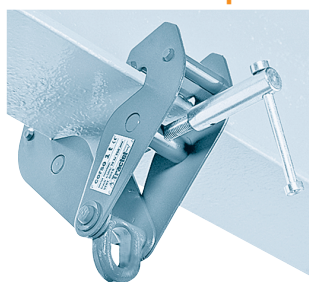
AS30S



roof truss anchor



corso clamp



rollbeam



door anchor



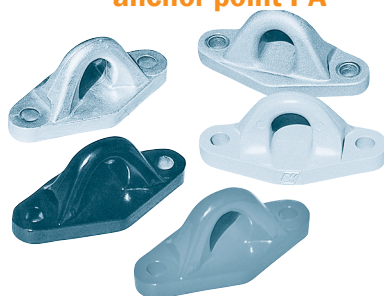
rollclamp



AS19



anchor point PA



EN 795-A1

| Description | Description                                                      | Code  | Price € |
|-------------|------------------------------------------------------------------|-------|---------|
| AS19S 0.6   | 0.6 m webbing, to create an anchor point on a frame, width 19 mm | 38382 | 7,89    |
| AS19S 0.8   | 0.8 m webbing, to create an anchor point on a frame, width 19 mm | 38392 | 8,45    |
| AS19S 1     | 1 m webbing, to create an anchor point on a frame, width 19 mm   | 38402 | 10,00   |
| AS19S 2     | 2 m webbing, to create an anchor point on a frame, width 19 mm   | 72152 | 21,50   |
| AS30S 0.6   | 0.6 m webbing, to create an anchor point on a frame, width 30 mm | 57272 | 12,80   |
| AS30S 0.8   | 0.8 m webbing, to create an anchor point on a frame, width 30 mm | 57282 | 13,00   |
| AS30S 1     | 1 m webbing, to create an anchor point on a frame, width 30 mm   | 57292 | 13,10   |
| AS30S 1.2   | 1.2 m webbing, to create an anchor point on a frame, width 30 mm | 59372 | 15,70   |
| AS30S 1.5   | 1.5 m webbing, to create an anchor point on a frame, width 30 mm | 59382 | 16,10   |
| AS30S 2     | 2 m webbing, to create an anchor point on a frame, width 30 mm   | 59392 | 16,70   |

| Description              | Description                                                               | Code   | Price € |
|--------------------------|---------------------------------------------------------------------------|--------|---------|
| roof truss anchor        | steel anchor, for wooden roof trusses                                     | 109117 | 34,00   |
| corso clamp              | clamp with anchoring ring                                                 | 97929  | 180,00  |
| rollbeam                 | mobile trolley, transportable temporary anchor for IPN from 50 to 220 mm  | 54369  | 227,00  |
| rollbeam wide hanger bar | mobile trolley, transportable temporary anchor for IPN from 220 to 380 mm | 88559  | 287,00  |
| door anchor              | adjustable anchor bar, for 1 (2) prs, spacing 1100 (800) mm               | 62217  | 307,00  |
| door anchor bag          | cloth bag for door anchor                                                 | 68752  | 84,74   |
| rollclamp M              | transportable temporary anchor for IPN 380 mm maximum                     | 86009  | 490,00  |
| rollclamp L              | transportable temporary anchor for IPN 640 mm maximum                     | 86019  | 656,00  |

|             |                                                 |       |       |
|-------------|-------------------------------------------------|-------|-------|
| AS19 0.6    | 0.6 m roof truss anchor, with eyelet-hole       | 36608 | 9,90  |
| AS19 1      | 1 m roof truss anchor, with eyelet-hole         | 36618 | 12,60 |
| AS19 1.5    | 1.5 m roof truss anchor, with eyelet-hole       | 36628 | 15,35 |
| AS19 0.6-GA | 0.6 m roof truss anchor, with protective sleeve | 36638 | 28,70 |
| AS191-GA    | 1 m roof truss anchor, with protective sleeve   | 36648 | 36,40 |
| AS191.5-GA  | 1.5 m roof truss anchor, with protective sleeve | 36658 | 44,90 |
| AS19 2-GA   | 2 m roof truss anchor, with protective sleeve   | 36668 | 56,40 |

EN 795-A1

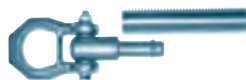
| Description | Description            | Code  | Price € |
|-------------|------------------------|-------|---------|
| PA alu      | aluminium anchor       | 64488 | 20,30   |
| PA grey     | grey aluminium anchor  | 64458 | 22,30   |
| PA black    | black aluminium anchor | 64448 | 22,52   |
| PA red      | red aluminium anchor   | 64438 | 22,30   |

# Anchor points

## EN 795-A1

| Description     | Description                                                  | Code  | Price €       |
|-----------------|--------------------------------------------------------------|-------|---------------|
| <b>ballsafe</b> | mobile anchor point, "block male plug"                       | 89776 | <b>368,60</b> |
|                 | mobile anchor point, "female socket", for concrete and steel | 89786 | <b>61,65</b>  |
| <b>ringsafe</b> | stainless steel anchor point, with fall indicators           | 76299 | <b>14,90</b>  |

**ballsafe**



**ringsafe**



## EN 795-A2

| Description                              | Description                    | Code  | Price €      |
|------------------------------------------|--------------------------------|-------|--------------|
| <b>roof anchor point</b>                 | flat galvanised anchor         | 66618 | <b>38,00</b> |
|                                          | bowed galvanised anchor        | 66628 | <b>39,62</b> |
|                                          | twisted galvanised anchor      | 66638 | <b>39,62</b> |
| <b>stainless steel roof anchor point</b> | flat stainless steel anchor    | 66648 | <b>76,57</b> |
|                                          | bowed stainless steel anchor   | 66658 | <b>77,71</b> |
|                                          | twisted stainless steel anchor | 66668 | <b>77,71</b> |
| <b>spike</b>                             | for wood 50 mm thick           | 66928 | <b>12,83</b> |
|                                          | for wood 90 mm thick           | 66938 | <b>13,78</b> |
|                                          | for wood 130 mm thick          | 66948 | <b>15,96</b> |
| <b>annealed tips</b>                     | in batches of 10               | 66958 | <b>8,84</b>  |

**bowed anchor**



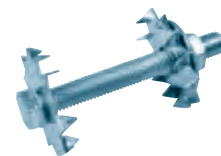
**flat anchor**



**twisted anchor**



**spike**



**annealed tips**



# Anchor points

HARNESSES AND BELTS  
PPE KITS  
FALL ARRESTERS  
LANYARDS AND CONNECTORS  
LIFELINES AND ANCHOR POINTS  
RESCUE  
FABA™ TRACTELIFT  
ACCESSORIES

**GALVA**



anchor post square plate



anchor post rectangular plate



anchor post ridge plate 20°



anchor post angle plate



anchor post equipped with a heat cut square plate



anchor post equipped with a heat cut rectangular plate



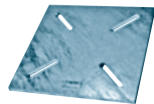
anchor post equipped with a heat cut ridge plate 20°



anchor post equipped with a heat cut angle plate



watertightness



under plate for post

| Description                                          | Description | Code  | Price €       |
|------------------------------------------------------|-------------|-------|---------------|
| Anchor posts come with a stainless steel anchor ring |             |       |               |
| <b>70x70 mm galvanised steel tube</b>                |             |       |               |
| <b>Anchor post square plate 270x270 mm</b>           |             |       |               |
| Height 250 mm                                        |             | 72178 | <b>131,00</b> |
| Height 500 mm                                        |             | 66968 | <b>122,55</b> |
| Height 750 mm                                        |             | 72338 | <b>180,00</b> |
| <b>Anchor post rectangular plate 352x160 mm</b>      |             |       |               |
| Height 250 mm                                        |             | 72038 | <b>108,00</b> |
| Height 500 mm                                        |             | 72058 | <b>108,00</b> |
| Height 750 mm                                        |             | 72348 | <b>144,00</b> |
| <b>Anchor post ridge plate 20° 270x270 mm</b>        |             |       |               |
| Height 250 mm                                        |             | 72318 | <b>133,00</b> |
| Height 500 mm                                        |             | 72328 | <b>145,00</b> |
| <b>Anchor post angle plate 350x370 mm</b>            |             |       |               |
| Height 250 mm                                        |             | 72048 | <b>144,00</b> |
| Height 250 mm                                        |             | 72068 | <b>149,00</b> |

| Description                                                           | Description | Code   | Price €       |
|-----------------------------------------------------------------------|-------------|--------|---------------|
| Anchor posts come with a stainless steel anchor ring                  |             |        |               |
| <b>70x70 mm galvanised steel tube equipped with a heat cut-out</b>    |             |        |               |
| <b>Post equipped with a heat cut-out square plate 270x270 mm</b>      |             |        |               |
| Height 250 mm                                                         |             | 186548 | <b>228,00</b> |
| Height 500 mm                                                         |             | 186588 | <b>255,55</b> |
| Height 750 mm                                                         |             | 186628 | <b>308,75</b> |
| <b>Post equipped with a heat cut-out rectangular plate 352x160 mm</b> |             |        |               |
| Height 250 mm                                                         |             | 186568 | <b>206,15</b> |
| Height 500 mm                                                         |             | 186608 | <b>228,00</b> |
| Height 750 mm                                                         |             | 186638 | <b>278,35</b> |
| <b>Post equipped with a heat cut-out ridge plate 20° 270x270 mm</b>   |             |        |               |
| Height 250 mm                                                         |             | 186558 | <b>242,00</b> |
| Height 500 mm                                                         |             | 186598 | <b>282,00</b> |
| <b>Post equipped with a heat cut-out angular plate 350x370 mm</b>     |             |        |               |
| Height 250 mm                                                         |             | 186578 | <b>258,00</b> |
| Height 500 mm                                                         |             | 186618 | <b>288,00</b> |

| Description                                                    | Description                                                              | Code   | Price €       |
|----------------------------------------------------------------|--------------------------------------------------------------------------|--------|---------------|
| <b>Options</b>                                                 |                                                                          |        |               |
| Watertightness flange for post tube                            | <b>70x70 mm</b>                                                          | 129505 | <b>26,41</b>  |
| Under plate in galvanised steel thickness 10 mm, for post tube | <b>70x70 mm, height 250 and 500 mm, equipped square plate 270x270 mm</b> | 130995 | <b>47,74</b>  |
| Under plate in galvanised steel thickness 15 mm, for post tube | <b>70x70 mm height 750 mm, equipped square plate 270x270 mm</b>          | 133295 | <b>101,65</b> |

# Anchor points

| Description                                                                               | Description | Code   | Price €       |
|-------------------------------------------------------------------------------------------|-------------|--------|---------------|
| Anchor posts come with a stainless steel anchor ring <b>80x80 mm</b> stainless steel tube |             |        |               |
| <b>Anchor post square plate 270x270 mm</b>                                                |             |        |               |
| Height 250 mm                                                                             |             | 186748 | <b>312,55</b> |
| Height 500 mm                                                                             |             | 186778 | <b>368,60</b> |
| <b>Anchor post rectangular plate 352x160 mm</b>                                           |             |        |               |
| Height 250 mm                                                                             |             | 186758 | <b>301,15</b> |
| Height 500 mm                                                                             |             | 186788 | <b>352,45</b> |
| <b>Anchor post angle plate 350x370 mm</b>                                                 |             |        |               |
| Height 250 mm                                                                             |             | 186768 | <b>340,10</b> |
| Height 500 mm                                                                             |             | 186798 | <b>353,40</b> |

**STAINLESS  
STEEL**



anchor post square plate



anchor post rectangular plate



anchor post angle plate

| Description | Description                                                          | Code  | Price €           |
|-------------|----------------------------------------------------------------------|-------|-------------------|
| dynaline    | electronic measuring apparatus to indicate tension on lifeline cable | 89979 | <b>On request</b> |

dynaline



| EN 795 E |  | Description                                                                                                                                                    | Code   | Price €        |
|----------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|
| mobifor  |  | Dead weight anchor for horizontal roof section. Anchor point with energy absorber INRS. Crossbar section provided with 16 concrete loads, each weighing 22 kg. | 199719 | <b>1511,00</b> |

mobifor



★ Acceptable for

★★ Well suited for

★★★ Optimal for

| EN 795 B<br>EN 1496<br>EN 341<br>Applications examples |  | HT9 | derope™ | derope™ up | pulleys handle descender | blocfor™ 20R<br>blocfor™ 30R | tracpode |
|--------------------------------------------------------|--|-----|---------|------------|--------------------------|------------------------------|----------|
|                                                        |  |     |         |            |                          | ★                            |          |
|                                                        |  |     |         |            |                          | ★                            |          |
|                                                        |  |     |         |            |                          | ★★                           |          |
|                                                        |  |     | ★★      | ★★★        |                          | ★★                           |          |
|                                                        |  |     | ★★      | ★★★        |                          | ★★                           |          |
|                                                        |  |     | ★★      | ★★★        |                          | ★★★                          | ★★       |
|                                                        |  |     | ★★      | ★★         |                          |                              |          |
|                                                        |  | ★★  | ★★      | ★★★        | ★★★                      | ★★                           | ★★       |

# Rescue

## tracpode™, evak

| Description                      | Description                                                                          | Code   | Price € |
|----------------------------------|--------------------------------------------------------------------------------------|--------|---------|
| <b>tracpode + accessories</b>    |                                                                                      |        |         |
| tracpode                         | tripod, mini height 1.78 m, maxi 2.73 m, mini width 1.30, maxi 1.87, weight 17kg     | 86509  | 1091,00 |
| tracpode + pulley kit            | tripod + special pulley for cable                                                    | 108269 | 1218,00 |
| tracpode + 2 pulley kit          | tripod + 2 special pulley for cable                                                  | 108789 | 1354,00 |
| pulley kit                       | special pulley for cable                                                             | 66568  | 155,00  |
| bracket for blocfor™             | fixing console for blocfor™ 20 and 30 meters                                         | 29968  | 169,00  |
| bracket for caRol™               | fixing console for caRol™ TS-250 / 500 winch, WLL 250Kg                              | 29688  | 120,00  |
| blocfor™ 20R-M46                 | 20 m galvanised rope automatic fall arrester, with retrieval system, M46             | 18042  | 1405,00 |
| blocfor™ 20R-M46 stainless steel | 20 m stainless steel rope automatic fall arrester, with retrieval system, M46        | 28612  | 1492,00 |
| blocfor™ 30R-M46                 | 30 m automatic fall arrester, with retrieval system, M46                             | 18062  | 1665,00 |
| blocfor™ 30R-M46 stainless steel | 30 m stainless steel rope automatic fall arrester, with retrieval system, M46        | 42972  | 1441,00 |
| caRol™ TS250 + console           | 20 m winch TS250, without cable, with tripod fixing console, WLL 250Kg               | 58199  | 693,00  |
| caRol™ TS500 + console           | 30 m winch TS500, without cable, with tripod fixing console, WLL 500Kg               | 58209  | 974,00  |
| cable D5 20*                     | 20 m galvanised cable, ø 5 mm, without gyrotory movement with hook, for caRol™ winch | 51042  | 157,00  |
| cable D5 30*                     | 30 m galvanised cable ø, 5 mm, without gyrotory movement with hook, for caRol™ winch | 51052  | 202,00  |
| derope™ UP R                     | evacuator with a recovery winch, with tripod fixing console, without rope            | 194199 | 1950,00 |
| tracpode bag                     | tripod canvas bag for tracpode, 1900 x 290 x 290 mm                                  | 31572  | 75,40   |
| <b>evak™ + accessories</b>       |                                                                                      |        |         |
| evak™ 500                        | manual rope winch, 400 kg capacity, for static rope ø 10.5-12.5 mm                   | 23498  | 947,00  |
| bag evak™ 500                    | bag for evak™ 500                                                                    | 100625 | 148,00  |
| kernmantle rope D12.5-20         | 20 m static braided rope, ø 12.5 mm, for evak™ 500                                   | 46059  | 130,00  |
| kernmantle rope D12.5-40         | 40 m static braided rope, ø 12.5 mm, for evak™ 500                                   | 46069  | 268,00  |
| kernmantle rope D12.5-60         | 60 m static braided rope, ø 12.5 mm, for evak™ 500                                   | 46079  | 397,00  |
| kernmantle rope D12.5-80         | 80 m static braided rope, ø 12.5 mm, for evak™ 500                                   | 46089  | 526,00  |
| kernmantle rope D12.5-100        | 100 m static braided rope, ø 12.5 mm, for evak™ 500                                  | 46099  | 662,00  |
| kernmantle rope D12.5-200        | 200 m static braided rope, ø 12.5 mm, for evak™ 500                                  | 46109  | 1246,00 |
| <b>subito + accessories</b>      |                                                                                      |        |         |
| subito                           | seat equipped with a scafor™ 406 manual winch, maximum raising 20 m                  | 25429  | 300,00  |
| support mount                    | subito support, with wheels                                                          | 28398  | 352,00  |
| cable D6.5-5x19-10*              | 10 m galvanised cable 5 stranded, ø 6.5 mm, with aluminium hook                      | 53809  | 98,00   |
| cable D6.5-5x19-20*              | 20 m galvanised cable 5 stranded, ø 6.5 mm, with aluminium hook                      | 53829  | 155,00  |
| cable D6.5-5x19-30*              | 30 m galvanised cable 5 stranded, ø 6.5 mm, with aluminium hook                      | 53849  | 212,00  |

\* Price may be subject to change without prior notice.

tracpode + 2 pulley kits +  
bracket for blocfor™ +  
bracket for caRol™



tracpode bag



evak™ 500



evak™ bag

derope™ UP R



subito





# Descender

derope™



= 400 m maxi = 150 kg maxi



= 125 m maxi = 225 kg maxi

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

derope™ std



derope™  
UP A



Drill not sale

derope™  
UP K



derope™  
UP B



Descender Rescue Kit



| EN 341<br>EN 1496                       |  | Description                                                                                                                                               | Description | Code   | Price<br>€ |
|-----------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|------------|
| <b>derope™</b>                          |  |                                                                                                                                                           |             |        |            |
| derope™ std                             |  | descender for 1 person: 400 m, 150 kg, for 2 people: 125 m, 225 kg                                                                                        |             | 194159 | 853,00     |
| derope™ UP A                            |  | descender with winch, for 1pr: 400 m, 150 kg, for 2 people: 125 m, 225 kg                                                                                 |             | 194169 | 1161,00    |
| derope™ UP B                            |  | descender with winch, for 1 person: 400 m, 150 kg, for 2 people: 125 m, 225 kg, with large fixing console for ladder rungs                                |             | 194179 | 1885,00    |
| derope™ UP K                            |  | descender with winch, for 1 person: 400 m, 150 kg, for 2 people: 125 m, 225 kg, with small fixing console for ladder rungs                                |             | 194189 | 1678,00    |
| RLX 10.5 linear meter                   |  | Ø 10,5 mm kernmantle rope for derope™ CE                                                                                                                  |             | 050962 | 2,00       |
| extremity kit                           |  | for RLX 10,5 derope™ CE + 2 M10 connectors                                                                                                                |             | 050952 | 25,00      |
| <b>derope™</b>                          |  |                                                                                                                                                           |             |        |            |
| Descender rescue kit derope™ UP A 85 m  |  | Carrying case containing 1 rope protection, 1 spacer tool, 1 stopfor™ K rope grip, 2 webbing straps, Trilock connectors, 1 sheave and 85 m braided rope.  |             | 222949 | 2239,00    |
| Descender rescue kit derope™ UP A 125 m |  | Carrying case containing 1 rope protection, 1 spacer tool, 1 stopfor™ K rope grip, 2 webbing straps, Trilock connectors, 1 sheave and 125 m braided rope. |             | 222959 | 2313,00    |
| Descender rescue kit derope™ UP A 150 m |  | Carrying case containing 1 rope protection, 1 spacer tool, 1 stopfor™ K rope grip, 2 webbing straps, Trilock connectors, 1 sheave and 150 m braided rope. |             | 222969 | 2445,00    |
| <b>HT9</b>                              |  |                                                                                                                                                           |             |        |            |
| HT9                                     |  | evacuation harness                                                                                                                                        |             | 17622  | 118,00     |
| <b>HT22R</b>                            |  |                                                                                                                                                           |             |        |            |
| HT22R S                                 |  | HT22 harness equipped with evacuation straps                                                                                                              |             | 44952  | 69,50      |
| HT22R M                                 |  | HT22 harness equipped with evacuation straps                                                                                                              |             | 44962  | 69,50      |
| HT22R XL                                |  | HT22 harness equipped with evacuation straps                                                                                                              |             | 44972  | 71,50      |

HT22R

EN1497  
EN 361



HT9



# Rescue accessories

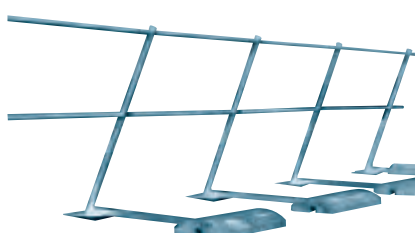
## Pulleys, descenders, locking, ascent handles

EN 12278  
EN 341 D  
EN 567

| Description                              | Description                                                                                                                                                                                                | Code  | Price €       |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------|
| <b>standard S pulley fixed flanges</b>   | ø27 mm pulley, for ø11 mm braided rope, 75 g, overall dimensions 98 mm                                                                                                                                     | 40162 | <b>12,60</b>  |
| <b>standard S pulley opening flanges</b> | ø27 mm pulley, for ø11 mm braided rope, 165 g, overall dimensions 74x52 mm                                                                                                                                 | 40172 | <b>14,16</b>  |
| <b>standard M pulley opening flanges</b> | ø59 mm pulley, for ø16 mm braided rope, 260 g, overall dimensions 110x82 mm                                                                                                                                | 40102 | <b>17,58</b>  |
| <b>double in line pulley</b>             | ø 25 mm pulley, for ø13 mm braided rope, 330 g, overall dimensions 113x86 mm                                                                                                                               | 40092 | <b>152,00</b> |
| <b>double pulley openind flanges</b>     | ø 59 mm pulley, for ø16 mm braided rope, 460 g, overall dimensions 110 mm                                                                                                                                  | 40112 | <b>23,70</b>  |
| <b>mountain eight</b>                    | manual descender, for ø 9-12 mm twisted rope, 75g                                                                                                                                                          | 20542 | <b>16,72</b>  |
| <b>double safety descent device</b>      | fitted with a panic cut out device system, for ø 9-12 mm braided rope, 385 g                                                                                                                               | 13572 | <b>147,00</b> |
| <b>anchor plate</b>                      |                                                                                                                                                                                                            | 20512 | <b>43,60</b>  |
| <b>sternal ascent locking device</b>     | for 8-12 mm rope, for rope climbing                                                                                                                                                                        | 17632 | <b>75,81</b>  |
| <b>right handle</b>                      | right ascent handle                                                                                                                                                                                        | 20492 | <b>71,06</b>  |
| <b>left handle</b>                       | left ascent handle                                                                                                                                                                                         | 20502 | <b>71,06</b>  |
| <b>ascent clamp</b>                      | adaptable on handles                                                                                                                                                                                       | 40122 | <b>20,33</b>  |
| <b>rope protection</b>                   | aluminium protection against sharp edges                                                                                                                                                                   | 72586 | <b>134,00</b> |
| <b>ascender handle</b>                   | ascender handle, for ø 9-12 mm twisted rope, 75g                                                                                                                                                           | 65742 | <b>88,83</b>  |
| <b>sternum arrester</b>                  | sternum arrester for rope 8 to 12 mm                                                                                                                                                                       | 66112 | <b>98,90</b>  |
| <b>LSD "JUMAR" lanyard</b>               | lanyard strap to connect the ascender handle to the harness                                                                                                                                                | 65772 | <b>70,00</b>  |
| <b>work seat</b>                         | Wide and ergonomic. For working in a seated position for a long period of time. Rigid sides to avoid thigh compression. Three tools holders. Positioned on back of HT Secours, HT Promast or HT Transport. | 65762 | <b>119,00</b> |
| <b>Prussik knot</b>                      | length 0.6 m                                                                                                                                                                                               | 40992 | <b>19,30</b>  |
| <b>anchoring lanyard</b>                 | with 45 mm D and 30 mm ring                                                                                                                                                                                | 40982 | <b>36,00</b>  |
| <b>kernmantle rope 30 m</b>              | length 30 m and ø 12 mm                                                                                                                                                                                    | 51962 | <b>177,00</b> |
| <b>kernmantle rope 40 m</b>              | length 40 m and ø 12 mm                                                                                                                                                                                    | 51972 | <b>223,00</b> |
| <b>saddle bag</b>                        | saddle bag <b>250 gr</b>                                                                                                                                                                                   | 53842 | <b>10,80</b>  |
|                                          | saddle bag <b>350 gr</b>                                                                                                                                                                                   | 59332 | <b>12,50</b>  |
|                                          | throw cord, length <b>50 m</b>                                                                                                                                                                             | 51922 | <b>10,90</b>  |

EN 13374

| Description                      | Description | Code | Price € |
|----------------------------------|-------------|------|---------|
| <b>free-standing guard rails</b> |             |      |         |



free-standing guard rails

On Request

### S fixed flanges



### S opening flanges



### M opening flanges



### double in ligne



### double opening



### mountain eight



### descent device



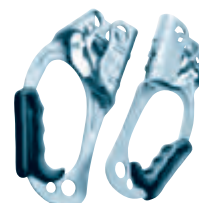
### anchor plate



### locking device



### ascent handles



### ascent clamp



### rope protection



### work seat



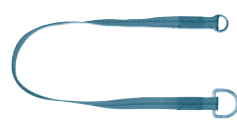
### blocker



### ascender handle



### anchoring lanyard for trees



### LSD "JUMAR" lanyard



### braided rope tree surgeon



### Prussik knot



### saddle bag



# Vertical fall arrest and lifelines

## FABA™



### Vertical climbing protection system

### and horizontal life line system EN 353-1 (2002) / CNB/P/11.073

FABA™ climbing solutions complete TRACTEL® range of fall arrest systems protecting people working at height.

FABA™ vertical fall arrest systems propose adapted solutions for securing risks against falls on vertical climbing structures. Those solutions consist of wide complete safety ladders and systems fitted on existing climbing installations. The possibilities are wide and various as for example:

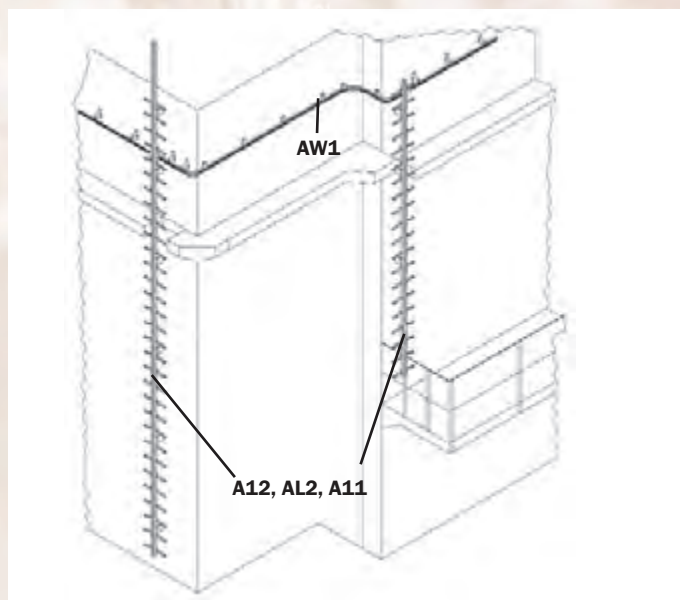
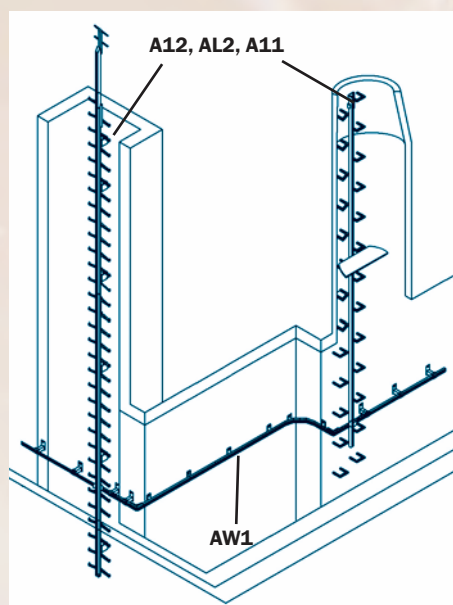
- Towers, chimneys, confined spaces, bridge pillars, masts, pylons, antenna structures, industrial machinery and equipment.
- Warehouses and industrial structures, buildings and facades.
- Man holes and shafts, tanks, reservoirs, canalisation systems

FABA™ horizontal life lines propose specialized solutions for a safe movement in working situations with a high risk of falling.

Applications:

- Gateways, gangways or dams, bridges, confined spaces and gantry cranes.
- On towers, flat or inclined roofs, walls and facades
- Creating a safe environment on work posts of vehicles or wagons

Please do not hesitate to contact our staff for additional product information, assistance with installation, quotations, and technical advice for FABA™ vertical and horizontal safety solutions.



| Vertical climbing protection FABA™ |                  |                 |       |                 |                 |           | Horizontal anchorage system |                  |                 |
|------------------------------------|------------------|-----------------|-------|-----------------|-----------------|-----------|-----------------------------|------------------|-----------------|
| Installation System                | Permanent        |                 |       |                 |                 | Temporary |                             | Permanent        |                 |
|                                    | A12              |                 | AL2   | A11             |                 | AL2M      | AL2F                        | AW1              |                 |
| Materials                          | Galvanised steel | Stainless steel | Alum. | Stainless steel | Stainless steel | Alum      |                             | Galvanised steel | Stainless steel |
| Pylons                             | ☆                | ☆               | ☆     |                 |                 | ☆         | ☆                           |                  |                 |
| Silos                              |                  |                 |       | ☆               | ☆               |           |                             |                  |                 |
| Food                               |                  | ☆               |       |                 |                 |           |                             |                  |                 |
| Chimneys                           |                  |                 |       | ☆               | ☆               |           |                             | ☆                | ☆               |
| Wastewater                         |                  |                 |       |                 | ☆               |           |                             |                  |                 |
| Industry                           | ☆                | ☆               | ☆     |                 |                 | ☆         |                             | ☆                | ☆               |
| Windmills                          | ☆                | ☆               | ☆     |                 |                 | ☆         |                             |                  |                 |
| Antenna                            | ☆                | ☆               | ☆     |                 |                 |           | ☆                           |                  |                 |
| Facades                            | ☆                | ☆               | ☆     |                 |                 |           | ☆                           | ☆                | ☆               |
| Tanks                              |                  | ☆               |       |                 |                 |           |                             |                  |                 |
| Machines                           | ☆                |                 |       |                 |                 | ☆         | ☆                           | ☆                | ☆               |

HARNESSES AND BELTS  
PPE KITS  
FALL ARRESTERS  
LANYARDS AND CONNECTORS  
LIFELINES AND ANCHOR POINTS  
RESCUE  
FABA™ TRACTELIFT  
ACCESSORIES



# Life line FABAs<sup>™</sup> AW1 System

The FABAs<sup>™</sup> AW1 System uses the rail of the FABAs<sup>™</sup> A11 System rail without a stop. It complies with the requirements of standard EN 795 (D). It can be installed horizontally either on a soffit or in a wall.

The safety rail and slider are symmetrical.

- Rail profil dimensions: 68 x 56 x 2.8mm
- Material: Hot-dipped galvanised steel or stainless steel (1.4571)
- Lengths in galvanised steel: 6000, 3000, 2000 and 1000 mm
- Lengths in stainless steel: 3000, 2000 and 1000 mm
- Maximum distance between fixings: 1500 mm
- Standard use: The standard components are designed for simultaneous use by a max of 3 people maximum with one slider per person
- Bends: Possible on 2 axes, made to order



FABAs<sup>™</sup> AW1 horizontal fall arrester inserted type W3

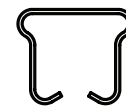


Fall arrester W3



# Life line FABAs<sup>TM</sup>

## AW1 System



| Description                                            | Description                     | Code   | Price €    | Description                   | Description       | Code   | Price €    |  |
|--------------------------------------------------------|---------------------------------|--------|------------|-------------------------------|-------------------|--------|------------|--|
| <b>AW1 Rail</b>                                        |                                 |        |            | <b>AW1 Warning sign label</b> |                   |        |            |  |
| Hot-galvanized steel guide rail                        | L= 1000 mm                      | 502575 | On request | Warning sign label            | D,GB,F,E,I and NL | 522455 | On request |  |
| Hot-galvanized steel guide rail                        | L= 2000 mm                      | 502585 |            |                               |                   |        |            |  |
| Hot-galvanized steel guide rail                        | L= 3000 mm                      | 502595 |            |                               |                   |        |            |  |
| Hot-galvanized steel guide rail                        | L= 6000 mm                      | 518715 |            |                               |                   |        |            |  |
| Hot-galvanized steel guide rail                        | Special length, except standard | 505028 |            |                               |                   |        |            |  |
| Stainless steel guide rail                             | L= 1000 mm                      | 502615 |            |                               |                   |        |            |  |
| Stainless steel guide rail                             | L= 2000 mm                      | 502625 |            |                               |                   |        |            |  |
| Stainless steel guide rail                             | L= 3000 mm                      | 502635 |            |                               |                   |        |            |  |
| Stainless steel guide rail                             | Special length, except standard | 514227 |            |                               |                   |        |            |  |
| Special length                                         |                                 |        |            |                               |                   |        |            |  |
| Stainless steel connector                              |                                 | 507307 |            |                               |                   |        |            |  |
| <b>AW1 Guide rail with bend</b>                        |                                 |        |            | <b>AW1 Runner</b>             |                   |        |            |  |
| Guide rail with 90° outside bend Hot-galvanized steel  | rail profile 500 x 500mm        | 513318 | On request | Runner W3 Stainl. steel       |                   | 504188 | On request |  |
| Guide rail with 90° outside bend stainless steel       | rail profile 500 x 500mm        | 513328 |            |                               |                   |        |            |  |
| Guide rail with 90° inside bend Hot-galvanized steel   | rail profile 500 x 500mm        | 513338 |            |                               |                   |        |            |  |
| Guide rail with 90° inside bend Stainless steel        | rail profile 500 x 500mm        | 513348 |            |                               |                   |        |            |  |
| Guide rail with 90° bend over-head Hotgalvanized steel | rail profile 617 x 617mm        | 513298 |            |                               |                   |        |            |  |
| Guide rail with 90° bend over-head stainless steel     | rail profile 617 x 617mm        | 513308 |            |                               |                   |        |            |  |
| <b>AW1 Fitting</b>                                     |                                 |        |            |                               |                   |        |            |  |
| Bracket (clamp) Hot-galvanized steel                   |                                 | 503645 | On request |                               |                   |        |            |  |
| Bracket (clamp) stainless steel                        |                                 | 502817 |            |                               |                   |        |            |  |
| Mounting material (nut, washer, screw)                 | M12x35                          | 507247 |            |                               |                   |        |            |  |
| Bracket for steel beam I 120 galv. steel               |                                 | 502887 |            |                               |                   |        |            |  |
| Fitting 1 (lateral installation) galv. steel           | D= 10.5mm                       | 520655 |            |                               |                   |        |            |  |
| Fitting 1 (lateral installation) stainl. steel         | D= 10.5mm                       | 520675 |            |                               |                   |        |            |  |
| Fitting 1 (lateral installation) galv. steel           | D= 14mm                         | 520665 |            |                               |                   |        |            |  |
| Fitting 1 (lateral installation) stainl. steel         | D=14mm                          | 520685 |            |                               |                   |        |            |  |
| Anchor bolt FZA 14 x 60 stainl. steel                  |                                 | 501455 |            |                               |                   |        |            |  |
| Fitting2 (overhead installation) galv. steel           | D= 14x26mm                      | 520915 |            |                               |                   |        |            |  |
| Fitting2 (overhead installation) stainl. steel         | D= 14x26mm                      | 520925 |            |                               |                   |        |            |  |
| <b>AW1 Safety catch</b>                                |                                 |        |            |                               |                   |        |            |  |
| Detachable safety catch                                | fin de course                   | 508957 | On request |                               |                   |        |            |  |
| Fixed safety catch                                     | fin de course                   | 508947 |            |                               |                   |        |            |  |

HARNESSES AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

RESCUE

FABA<sup>TM</sup> TRACTELIFT

ACCESSORIES

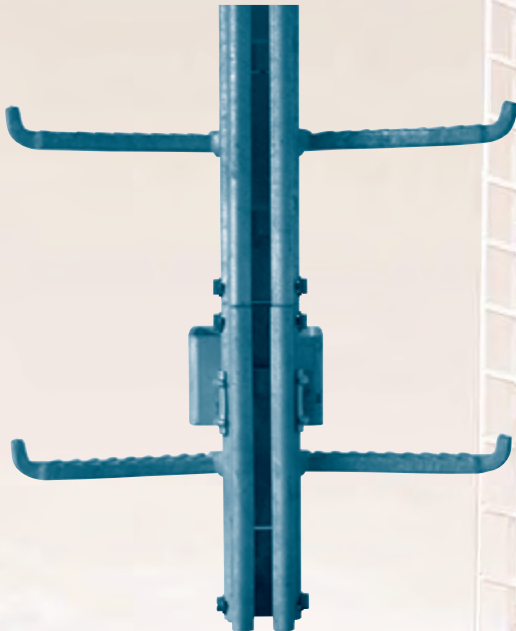


# Fall arrest vertical A11 System

Introduced in 1965, the FABA™ A11 system was the precursor to vertical access safety devices. The safety rail and carriages designs are symmetrical. The fall arrest device can be inserted in either direction in the safety rail.

- Rail profile dimensions: 68 x 56 x 2.8mm
- Material: Hot-dipped galvanised steel or stainless steel (1.4571)
- Version: Ladder with central bar or just a rail.
- Spacing in between stops: 140 mm
- Spacing in between rungs: 280 mm
- Rungs: inclined forward and welded on the back of the rail.
- Ladder width: 408 mm
- Primary length: 2800 mm
- Adjustment lengths: 1960, 1680, 1400 and 1120 mm
- Maximum distance between fixings: 1960 mm

EN 353-1/  
CNB/P/11.073



Klassik Fall arrester



FABA™ A11 rail Klassik fall arrester

**FABA**  
SAFETY  
A trademark  
of the Groupe Tractel®

# Fall arrest vertical

## A11 System



HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

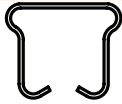
LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

| Description                                                             | Description                          | Code   | Price €    | Description                                                      | Description                  | Code   | Price €    |
|-------------------------------------------------------------------------|--------------------------------------|--------|------------|------------------------------------------------------------------|------------------------------|--------|------------|
| <b>A11 Climbing protection ladder (with central upright)</b>            |                                      |        |            | A11 Climbing protection ladder with side guides<br>Stainl. steel | L= 1120 mm                   | 501728 |            |
| A11 Climbing protection ladder galv. steel                              | L= 1120 mm                           | 502367 |            | A11 Climbing protection ladder with side guides<br>Stainl. steel | L= 1400 mm                   | 501748 |            |
| A11 Climbing protection ladder galv. steel                              | L= 1400 mm                           | 501438 |            | A11 Climbing protection ladder with side guides<br>Stainl. steel | L= 1680 mm                   | 501778 | On request |
| A11 Climbing protection ladder galv. steel                              | L= 1680 mm                           | 501458 |            | A11 Climbing protection ladder with side guides<br>Stainl. steel | L= 1960 mm                   | 501808 |            |
| A11 Climbing protection ladder galv. steel                              | L= 1960 mm                           | 501478 |            | A11 Climbing protection ladder with side guides<br>Stainl. steel | L= 2800 mm                   | 501868 |            |
| A11 Climbing protection ladder galv. steel                              | L= 2800 mm                           | 502387 |            | <b>A11 Connectors for ladders and rails</b>                      |                              |        |            |
| A11 Climbing protection ladder Stainl. steel                            | L= 1120 mm                           | 501428 | On request | A11 Connectors Stainl. steel                                     | standard only<br>vertical    | 507197 |            |
| A11 Climbing protection ladder Stainl. steel                            | L= 1400 mm                           | 501448 |            | A11 Connectors Stainl. steel (special)                           | vertical and hori-<br>zontal | 507307 | On request |
| A11 Climbing protection ladder Stainl. steel                            | L= 1680 mm                           | 501468 |            | A11 Connector for bend - front and back<br>Stainl. steel         | for bend > 5<br>15°          | 503258 |            |
| A11 Climbing protection ladder Stainl. steel                            | L= 1960 mm                           | 501488 |            | A11 Connector for bend - front and back<br>Stainl. steel         | for bend > 15<br>25°         | 503278 |            |
| A11 Climbing protection ladder Stainl. steel                            | L= 2800 mm                           | 501528 |            | <b>A11 Standard bracket</b>                                      |                              |        |            |
| <b>A11 Ladder with release facility</b>                                 |                                      |        |            | A11 Bracket with bail galv. steel                                | d= 10.5 mm                   | 503047 |            |
| A11 Ladder with release facility on<br>840mm galv. steel                | L= 1680 mm                           | 501638 | On request | A11 Bracket with bail galv. steel                                | d= 13 mm                     | 502068 |            |
| A11 Ladder with release facility on<br>840mm Stainl. steel              | L= 1680 mm                           | 501658 |            | A11 Bracket with bail galv. steel                                | d= 17 mm                     | 502088 |            |
| <b>A11 Ladder with entry and exit sections and connectors</b>           |                                      |        |            | A11 Bracket with bail galv. steel                                | d= 21 mm                     | 502108 |            |
| A11 Ladder with entry and exit<br>sections and connectors galv. steel   | L= 560 mm,<br>connectors<br>included | 508847 | On request | A11 Bracket with bail galv. steel                                | d= 25 mm                     | 502128 |            |
| A11 Ladder with entry and exit<br>sections and connectors Stainl. steel | L= 560 mm,<br>connectors<br>included | 504078 |            | A11 Bracket with bail Stainl. steel                              | d= 10.5 mm                   | 503057 |            |
| <b>A11 Rail with Entry and exit sections and connectors</b>             |                                      |        |            | A11 Bracket with bail Stainl. steel                              | d= 13 mm                     | 502078 |            |
| A11 Rail with Entry and exit sections<br>and connectors galv. steel     | L= 560 mm,<br>connectors<br>included | 504108 | On request | A11 Bracket with bail Stainl. steel                              | d= 17 mm                     | 502098 |            |
| A11 Rail with Entry and exit sections<br>and connectors Stainl. steel   | L= 560 mm,<br>connectors<br>included | 504118 |            | A11 Bracket with bail Stainl. steel                              | d= 21 mm                     | 502118 |            |
| <b>A11 Climbing protection rail (without rungs)</b>                     |                                      |        |            | A11 Bracket with bail Stainl. steel                              | d= 25 mm                     | 502138 |            |
| A11 Climbing protection rail galv. steel                                | L= 1120 mm                           | 500198 |            | A11 Bracket with square tube galv. steel                         | long hole<br>22 x 40         | 502208 | On request |
| A11 Climbing protection rail galv. steel                                | L= 1400 mm                           | 500208 |            | A11 Bracket with square tube galv. steel                         | long hole<br>22 x 40         | 502228 |            |
| A11 Climbing protection rail galv. steel                                | L= 1680 mm                           | 500218 |            | A11 Bracket with square tube galv. steel                         | long hole<br>13,5 x 40       | 502248 |            |
| A11 Climbing protection rail galv. steel                                | L= 1960 mm                           | 500228 |            | A11 Bracket with square tube galv. steel                         | long hole<br>10,5 x 40       | 502268 |            |
| A11 Climbing protection rail galv. steel                                | L= 2800 mm                           | 503335 |            | A11 Bracket with square tube Stainl.<br>steel                    | long hole<br>22 x 40         | 502218 |            |
| A11 Climbing protection rail Stainl. steel                              | L= 1120 mm                           | 500288 | On request | A11 Bracket with square tube Stainl.<br>steel                    | long hole<br>20 x 40         | 502238 |            |
| A11 Climbing protection rail Stainl. steel                              | L= 1400 mm                           | 500298 |            | A11 Bracket with square tube Stainl.<br>steel                    | long hole<br>13.5 x 40       | 502258 |            |
| A11 Climbing protection rail Stainl. steel                              | L= 1680 mm                           | 500308 |            | A11 Bracket with square tube Stainl.<br>steel                    | long hole<br>10.5 x 40       | 502278 |            |
| A11 Climbing protection rail Stainl. steel                              | L= 1960 mm                           | 500318 |            | <b>A11 Bracket to corner post</b>                                |                              |        |            |
| A11 Climbing protection rail Stainl. steel                              | L= 2800 mm                           | 500348 |            | A11 Bracket to corner post galv. steel                           | L 80 x 6 to<br>L 110 x 10    | 503128 |            |
| <b>A11 Climbing protection ladder with side guides</b>                  |                                      |        |            | A11 Bracket to corner post galv. steel                           | L 120 x 12 to<br>L 140 x 13  | 503138 |            |
| A11 Climbing protection ladder with<br>side guides galv. steel          | L= 1120 mm                           | 501718 |            | A11 Bracket to corner post galv. steel                           | L 150 x 15 to<br>L 160 x 15  | 503148 | On request |
| A11 Climbing protection ladder with<br>side guides galv. steel          | L= 1400 mm                           | 501738 |            | A11 Bracket to corner post galv. steel                           | L 180 x 18 to<br>L 250 x 24  | 503158 |            |
| A11 Climbing protection ladder with<br>side guides galv. steel          | L= 1680 mm                           | 501758 | On request |                                                                  |                              |        |            |
| A11 Climbing protection ladder with<br>side guides galv. steel          | L= 1960 mm                           | 501798 |            |                                                                  |                              |        |            |
| A11 Climbing protection ladder with<br>side guides galv. steel          | L= 2800 mm                           | 501858 |            |                                                                  |                              |        |            |



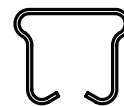
# Fall arrest vertical

## A11 System

| Description                                          | Description                         | Code   | Price €    | Description                                          | Description               | Code   | Price €    |
|------------------------------------------------------|-------------------------------------|--------|------------|------------------------------------------------------|---------------------------|--------|------------|
| A11 Bracket to corner post galv. steel               | to L 110                            | 506427 |            | <b>A11 Clamp with strip</b>                          |                           |        |            |
| A11 Bracket to corner post galv. steel               | L 110 to L 150                      | 503168 |            | A11 Clamp with strip galv. steel                     | d= 10.5 mm                | 503198 |            |
| A11 Bracket to corner post galv. steel               | L 160 to L 200                      | 506437 |            | A11 Clamp with strip galv. steel                     | d= 14 mm                  | 503208 | On request |
| A11 Bracket to corner post galv. steel               | L 210 to L 250                      | 506447 |            | A11 Clamp with strip Stainl. steel                   | d= 10.5 mm                | 506667 |            |
| A11 Bracket to corner post galv. steel               | L 160 x 15 to L 180 x 16            | 503188 |            | A11 Clamp with strip Stainl. steel                   | d= 14 mm                  | 503218 |            |
| A11 Bracket to corner post galv. steel               | L 200 x 15 to L 200 x 24            | 503178 |            | <b>A11 Bracket on middle round profile</b>           |                           |        |            |
| A11 Bracket to angle 70-100, X=180mm galv. steel     | K from 15 to 43 mm, M16             | 502508 |            | A11 Bracket on middle round profile galv. steel      | for Ø 19-22mm             | 503187 | On request |
| A11 Bracket to angle 70-100, X=180mm galv. steel     | K from 12 to 39 mm, M20             | 502518 |            | <b>A11 Bracket on the round side beam</b>            |                           |        |            |
| A11 Bracket to angle 70-100, X=180mm galv. steel     | K from 12 to 34 mm, M24             | 502528 |            | A11 Bracket on the round side beam galv. steel       |                           | 503038 | On request |
| A11 Bracket to angle 70-100, X=180mm galv. steel     | K from 12 to 31 mm, M27             | 502538 | On request | A11 Bracket on the round side beam Stainl. steel     |                           | 503048 |            |
| A11 Bracket to angle 70-100, X=200mm galv. steel     | K from 36 to 60 mm, M16             | 502548 |            | <b>A11 Bracket on middle rung</b>                    |                           |        |            |
| A11 Bracket to angle 70-100, X=200mm galv. steel     | K from 28 to 55 mm, M20             | 502558 |            | A11 Bracket on middle rung height 30mm Stainl. steel | Clamping range until 30mm | 503477 |            |
| A11 Bracket to angle 70-100, X=200mm galv. steel     | K from 20 to 50 mm, M24             | 502568 |            | A11 Bracket on middle rung height 30mm Stainl. steel | Clamping range until 40mm | 502308 |            |
| A11 Bracket to angle 70-100, X=200mm galv. steel     | K from 14 to 50 mm, M27             | 502578 |            | A11 Bracket on middle rung height 30mm Stainl. steel | Clamping range until 50mm | 502318 | On request |
| A11 Bracket to angle 50-65, X=180mm galv. steel      | K from 22 to 47 mm, M12             | 502588 |            | A11 Bracket on middle rung height 30mm Stainl. steel | Clamping range until 60mm | 502328 |            |
| A11 Bracket to angle 50-65, X=180mm galv. steel      | K from 15 to 43 mm, M16             | 502598 |            | A11 Bracket on middle rung height 65mm Stainl. steel | Clamping range 30-60mm    | 502888 |            |
| A11 Bracket to angle 50-65, X=180mm galv. steel      | K from 12 to 39 mm, M20             | 502608 |            | <b>A11 Bracket on the square side beam</b>           |                           |        |            |
| <b>A11 Bracket for welding</b>                       |                                     |        |            | A11 Bracket on the square side beam galv. steel      | a= 6-20mm / b=40-60mm     | 502388 |            |
| A11 Bracket for welding, X=120mm galv. steel         | Clamp must be ordered separatly     | 504057 |            | A11 Bracket on the square side beam galv. steel      | a= 21-30mm / b=40-60mm    | 502408 |            |
| A11 Bracket for welding, X>120mm galv. steel         | Clamp must be ordered separatly     |        |            | A11 Bracket on the square side beam galv. steel      | a= 31-50mm / b=40-60mm    | 502428 |            |
| A11 Bracket for welding, X=120mm Stainl. steel       | Clamp must be ordered separatly     | 504067 | On request | A11 Bracket on the square side beam galv. steel      | a= 6-20mm / b=61-80mm     | 502448 |            |
| A11 Bracket for welding, X>120mm Stainl. steel       | Clamp must be ordered separatly     |        |            | A11 Bracket on the square side beam galv. steel      | a= 21-30mm / b=61-80mm    | 502468 |            |
| A11 Clamb vertical Stainl. steel                     | Screw cit must be ordered separatly | 502827 |            | A11 Bracket on the square side beam Stainl. steel    | a= 31-50mm / b=61-80mm    | 502488 | On request |
| A11 Mounting screws M12x30 (for clamb vertical)      | bolt, nut, spring washer            | 507257 |            | A11 Bracket on the square side beam Stainl. steel    | a= 6-20mm / b=40-60mm     | 502398 |            |
| <b>A11 Fastening to a mast with a clamp</b>          |                                     |        |            | A11 Bracket on the square side beam Stainl. steel    | a= 21-30mm / b=40-60mm    | 502418 |            |
| A11 Clamp for Ø > 250 until max. 500mm galv. steel   | Ø = measured indicate               | 517847 | On request | A11 Bracket on the square side beam Stainl. steel    | a= 31-50mm / b=40-60mm    | 502438 |            |
| A11 Clamp for Ø > 250 until max. 500mm Stainl. steel | Ø = measured indicate               | 503118 |            | A11 Bracket on the square side beam Stainl. steel    | a= 6-20mm / b=61-80mm     | 502458 |            |
|                                                      |                                     |        |            | A11 Bracket on the square side beam Stainl. steel    | a= 21-30mm / b=61-80mm    | 502478 |            |
|                                                      |                                     |        |            | A11 Bracket on the square side beam Stainl. steel    | a= 31-50mm / b=61-80mm    | 502498 |            |



# Fall arrest vertical A11 System



HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

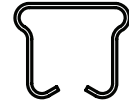
RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

| Description                                                     | Description                | Code   | Price €                                                                   | Description                                                     | Description                         | Code       | Price €    |            |
|-----------------------------------------------------------------|----------------------------|--------|---------------------------------------------------------------------------|-----------------------------------------------------------------|-------------------------------------|------------|------------|------------|
| <b>A11 Bracket on the round side beam</b>                       |                            |        |                                                                           | <b>A11 Classic ladder with side guides</b>                      |                                     |            |            |            |
| A11 Bracket on the round side beam galv. steel                  | ∅ 33-50mm                  | 503058 | On request                                                                | Classic ladder with side guides, rung width 300mm Stainl. steel | L= 1400 mm, 4 supports              | 519035     | On request |            |
| A11 Bracket on the round side beam Stainl. steel                | ∅ 33-50mm                  | 503068 |                                                                           | Classic ladder with side guides, rung width 300mm Stainl. steel | L= 1680 mm, 4 supports              | 501715     |            |            |
| A11 Bracket on the round side beam galv. steel                  | ∅ 60-80mm                  | 505457 |                                                                           | Classic ladder with side guides, rung width 300mm Stainl. steel | L= 1960 mm, 4 supports              | 519045     |            |            |
| A11 Bracket on the round side beam Stainl. steel                | ∅ 60-80mm                  | 505467 |                                                                           | Classic ladder with side guides, rung width 300mm Stainl. steel | L= 2240 mm, 4 supports              | 519055     |            |            |
| <b>Anchor bolt (concrete)</b>                                   |                            |        |                                                                           | Classic ladder with side guides, rung width 300mm Stainl. steel | L= 2520 mm, 4 supports              | 519065     |            | On request |
| Anchor bolt FZA 14 x 60 Stainl. steel                           |                            | 501455 | Classic ladder with side guides, rung width 300mm Stainl. steel           | L= 2800 mm, 4 supports                                          | 518905                              |            |            |            |
| Drill bit FZUB 14 x 60 (for SDS-plus)                           |                            | 501465 | Classic ladder with side guides, rung width 300mm Stainl. steel           | L= 3080 mm, 6 supports                                          | 501725                              |            |            |            |
| Installation device FZE 14                                      |                            | 501475 | Classic ladder with side guides, rung width 300mm Stainl. steel           | L= 3360 mm, 6 supports                                          | 518915                              |            |            |            |
| <b>A11 Catch (ends stop)</b>                                    |                            |        |                                                                           | Classic ladder with side guides, rung width 300mm Stainl. steel | L= 3640 mm, 6 supports              | 519075     |            |            |
| A11 Detachable catch Stainl. steel                              |                            | 523597 | Classic ladder with side guides, rung width 400mm Stainl. steel           | L= 1400 mm, 4 supports                                          | 501735                              |            |            |            |
| A11 Permanent catch Stainl. steel                               |                            | 523617 | Classic ladder with side guides, rung width 400mm Stainl. steel           | L= 1680 mm, 4 supports                                          | 501745                              |            |            |            |
| <b>A11 Resting platform</b>                                     |                            |        |                                                                           | Classic ladder with side guides, rung width 400mm Stainl. steel | L= 1960 mm, 4 supports              | 501755     |            |            |
| A11 Resting platform fold'away galv. steel                      | 2 surfaces<br>130x130mm    | 507465 | Classic ladder with side guides, rung width 400mm Stainl. steel           | L= 2240 mm, 4 supports                                          | 501765                              |            |            |            |
| A11 Resting platform fold'away Stainl. steel                    | 2 surfaces<br>130x130mm    | 507455 | Classic ladder with side guides, rung width 400mm Stainl. steel           | L= 2520 mm, 4 supports                                          | 501775                              |            |            |            |
| A11 Resting platform right side, retractable Stainl. steel      | 1 surface<br>400x300mm     | 504138 | Classic ladder with side guides, rung width 400mm Stainl. steel           | L= 2800 mm, 4 supports                                          | 501785                              |            |            |            |
| A11 Resting platform left side, retractable Stainl. steel       | 1 surface<br>400x300mm     | 501878 | Classic ladder with side guides, rung width 400mm Stainl. steel           | L= 3080 mm, 6 supports                                          | 501795                              |            |            |            |
| <b>A11 Step over</b>                                            |                            |        |                                                                           | Classic ladder with side guides, rung width 400mm Stainl. steel | L= 3360 mm, 6 supports              | 501805     |            |            |
| A11 Step over curved for ladder galv. steel                     | L ca. 1000 mm              | 504228 | Classic ladder with side guides, rung width 400mm Stainl. steel           | L= 3640 mm, 6 supports                                          | 501815                              |            |            |            |
| A11 Step over curved for ladder Stainl. steel                   | L ca. 1000 mm              | 504238 | <b>A11 Entry aid portable for ladder / rail A11</b>                       |                                                                 |                                     |            |            |            |
| A11 Step over straight for ladder galv. steel                   | L= 2800 mm                 | 501648 | A11 Entry aid portable for ladder / rail A11 Stainl. steel                | L= 1400 mm                                                      | 503805                              | On request |            |            |
| A11 Step over straight for ladder Stainl. steel                 | L= 2800 mm                 | 501668 | <b>A11 Coupling entry aid portable for ladder / rail A11</b>              |                                                                 |                                     |            |            |            |
| A11 Step over straight for ladder with side guide galv. steel   | L= 2800 mm                 | 501768 | A11 Coupling entry aid portable for ladder / rail A11 Stainl. steel       |                                                                 | 508245                              | On request |            |            |
| A11 Step over straight for ladder with side guide Stainl. steel | L= 2800 mm                 | 501788 | <b>A11 Socket for entry aid portable A11 to fixing on confined spaces</b> |                                                                 |                                     |            |            |            |
| <b>A11 Securing the system against unauthorized access</b>      |                            |        |                                                                           | A11 Socket for Entry aid portable                               | 2 dowels must be ordered separately | 509437     | On request |            |
| A11 Climbing protection rail with mounting hook galv. steel     | L= 2800 mm, for Alu Ladder | 509327 | <b>A11 Conus adaptor for A11 ladder</b>                                   |                                                                 |                                     |            |            |            |
| A11 Climbing protection rail with mounting hook Stainl. steel   | L= 2800 mm, for Alu Ladder | 509337 | A11 Conus adaptor for A11 ladder                                          | coupling must be ordered separately                             | 508205                              | On request |            |            |
| Aluminium Ladder fold'away                                      | opened<br>L= 2800mm        | 501705 |                                                                           |                                                                 |                                     |            |            |            |
| A11 Cover plate                                                 | L= 2800 mm                 | 508145 |                                                                           |                                                                 |                                     |            |            |            |

# Fall arrest vertical A11 System



| Description                                   | Description          | Code   | Price €    | Description | Description | Code | Price € |
|-----------------------------------------------|----------------------|--------|------------|-------------|-------------|------|---------|
| <b>A11 FABA retaining carriage</b>            |                      |        |            |             |             |      |         |
| A11 FABA retaining carriage Klassik           | without leaning back | 523947 | On request |             |             |      |         |
| <b>A11 Warning sign</b>                       |                      |        |            |             |             |      |         |
| Warning sign A11 (D, UK, F, E, I, NL)<br>Alum | 150 x 255 mm         | 523897 | On request |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
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|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
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|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |
|                                               |                      |        |            |             |             |      |         |

# Fall arrest vertical System A12



The FABA™ A12 System has been on the market since 1995. It is a logical evolution to the FABA™ A11 System but a lighter and smaller version. The design of the safety rail and carriages is asymmetrical and guarantees that the carriages are always used in the right direction.

- Dimensions rail profile: 48 x 32 x 3 mm
- Material: Hot-dipped galvanised steel or stainless steel (1.4571)
- Design: Ladder with central upright or just rail
- Spacing in between stops: 40 mm
- Spacing in between rungs: 280 mm
- Rungs: Straight and welded on the back of the rail
- Width of the ladder: 380 mm
- Primary lengths: 5600 and 2800 mm
- Adjustment lengths: 560, 840, 1120, 1400, 1680, 1960, 2240, 2520, 3080, 3360, 3640, 3920, 4200, 4480, 4760, 5040 and 5320 mm
- Maximum distance between fixings: 1400 mm for the ladder and 1960 mm for the rail

EN 353-1/  
CNB/P/11.073



Fall arrester type AL-D



Fall arrester type GRIP



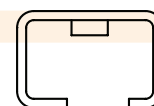
FABA™ A12 rail  
Fall arrester type  
AL-D inserted



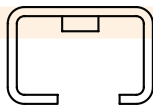
**FABA**  
SAFETY

A trademark  
of the Groupe Tractel®

# Fall arrest vertical System A12



| Description                                                             | Description | Code   | Price €    | Description                                             | Description              | Code   | Price €    |
|-------------------------------------------------------------------------|-------------|--------|------------|---------------------------------------------------------|--------------------------|--------|------------|
| <b>A12 Climbing protection ladder with centrally mounted guide rail</b> |             |        |            | A12 Climbing protection rail galv. steel                | L= 2800 mm               | 502895 |            |
| A12 Climbing protection ladder galv. steel                              | L= 560 mm   | 501237 |            | A12 Climbing protection rail galv. steel                | L= 3080 mm               | 500068 |            |
| A12 Climbing protection ladder galv. steel                              | L= 840 mm   | 501257 |            | A12 Climbing protection rail galv. steel                | L= 3360 mm               | 500078 |            |
| A12 Climbing protection ladder galv. steel                              | L= 1120 mm  | 501297 |            | A12 Climbing protection rail galv. steel                | L= 3640 mm               | 500088 |            |
| A12 Climbing protection ladder galv. steel                              | L= 1400 mm  | 501317 |            | A12 Climbing protection rail galv. steel                | L= 3920 mm               | 500098 |            |
| A12 Climbing protection ladder galv. steel                              | L= 1680 mm  | 501337 |            | A12 Climbing protection rail galv. steel                | L= 4200 mm               | 500108 |            |
| A12 Climbing protection ladder galv. steel                              | L= 1960 mm  | 501367 |            | A12 Climbing protection rail galv. steel                | L= 4480 mm               | 500118 |            |
| A12 Climbing protection ladder galv. steel                              | L= 2240 mm  | 501387 |            | A12 Climbing protection rail galv. steel                | L= 4760 mm               | 500128 |            |
| A12 Climbing protection ladder galv. steel                              | L= 2520 mm  | 501407 |            | A12 Climbing protection rail galv. steel                | L= 5040 mm               | 500138 |            |
| A12 Climbing protection ladder galv. steel                              | L= 2800 mm  | 501427 |            | A12 Climbing protection rail galv. steel                | L= 5320 mm               | 500148 |            |
| A12 Climbing protection ladder galv. steel                              | L= 3080 mm  | 501447 |            | A12 Climbing protection rail galv. steel                | L= 5600 mm               | 500158 |            |
| A12 Climbing protection ladder galv. steel                              | L= 3360 mm  | 501467 |            | A12 Climbing protection rail Stainl. steel              | L= 560 mm                | 502905 |            |
| A12 Climbing protection ladder galv. steel                              | L= 3640 mm  | 501487 |            | A12 Climbing protection rail Stainl. steel              | L= 840 mm                | 502915 |            |
| A12 Climbing protection ladder galv. steel                              | L= 3920 mm  | 501507 |            | A12 Climbing protection rail Stainl. steel              | L= 1120 mm               | 502925 |            |
| A12 Climbing protection ladder galv. steel                              | L= 4200 mm  | 501527 |            | A12 Climbing protection rail Stainl. steel              | L= 1400 mm               | 502935 |            |
| A12 Climbing protection ladder galv. steel                              | L= 4480 mm  | 501547 |            | A12 Climbing protection rail Stainl. steel              | L= 1680 mm               | 502945 | On request |
| A12 Climbing protection ladder galv. steel                              | L= 4760 mm  | 501567 |            | A12 Climbing protection rail Stainl. steel              | L= 1960 mm               | 502955 |            |
| A12 Climbing protection ladder galv. steel                              | L= 5040 mm  | 501587 |            | A12 Climbing protection rail Stainl. steel              | L= 2240 mm               | 502965 |            |
| A12 Climbing protection ladder galv. steel                              | L= 5320 mm  | 501607 |            | A12 Climbing protection rail Stainl. steel              | L= 2520 mm               | 502975 |            |
| A12 Climbing protection ladder galv. steel                              | L= 5600 mm  | 501627 |            | A12 Climbing protection rail Stainl. steel              | L= 2800 mm               | 502985 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 560 mm   | 501247 | On request | A12 Climbing protection rail Stainl. steel              | L= 3080 mm               | 502995 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 840 mm   | 501267 |            | A12 Climbing protection rail Stainl. steel              | L= 3360 mm               | 503005 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 1120 mm  | 501307 |            | A12 Climbing protection rail Stainl. steel              | L= 3640 mm               | 503015 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 1400 mm  | 501327 |            | A12 Climbing protection rail Stainl. steel              | L= 3920 mm               | 503025 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 1680 mm  | 501357 |            | A12 Climbing protection rail Stainl. steel              | L= 4200 mm               | 503035 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 1960 mm  | 501377 |            | A12 Climbing protection rail Stainl. steel              | L= 4480 mm               | 503045 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 2240 mm  | 501397 |            | A12 Climbing protection rail Stainl. steel              | L= 4760 mm               | 503055 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 2520 mm  | 501417 |            | A12 Climbing protection rail Stainl. steel              | L= 5040 mm               | 503065 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 2800 mm  | 501437 |            | A12 Climbing protection rail Stainl. steel              | L= 5320 mm               | 500168 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 3080 mm  | 501457 |            | A12 Climbing protection rail Stainl. steel              | L= 5600 mm               | 503075 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 3360 mm  | 501477 |            | <b>A12 Ladder with release facility</b>                 |                          |        |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 3640 mm  | 501497 |            | A12 Ladder with release facility on 840mm galv. steel   | L= 1680 mm               | 501288 | On request |
| A12 Climbing protection ladder Stainl. steel                            | L= 3920 mm  | 501517 |            | A12 Ladder with release facility on 840mm Stainl. steel | L= 1680 mm               | 501298 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 4200 mm  | 501537 |            |                                                         |                          |        |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 4480 mm  | 501557 |            | <b>A12 Connectors</b>                                   |                          |        |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 4760 mm  | 501577 |            | A12 Connector galv. steel                               |                          | 508117 |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 5040 mm  | 501597 |            | A12 Connector Stainl. steel                             |                          | 508137 | On request |
| A12 Climbing protection ladder Stainl. steel                            | L= 5320 mm  | 501617 |            | <b>A12 Mounting screws</b>                              |                          |        |            |
| A12 Climbing protection ladder Stainl. steel                            | L= 5600 mm  | 501637 |            | A12 Mounting screws M12x35 Stainl. steel                | bolt, nut, spring washer | 508107 |            |
| <b>A12 Climbing protection rail (without rungs)</b>                     |             |        |            | A12 Mounting screws M12x50                              | bolt, nut, spring washer | 516137 | On request |
| A12 Climbing protection rail galv. steel                                | L= 560 mm   | 502845 |            | A12 Mounting screws M12x65                              | bolt, nut, spring washer | 516147 |            |
| A12 Climbing protection rail galv. steel                                | L= 840 mm   | 500038 |            |                                                         |                          |        |            |
| A12 Climbing protection rail galv. steel                                | L= 1120 mm  | 502855 |            |                                                         |                          |        |            |
| A12 Climbing protection rail galv. steel                                | L= 1400 mm  | 502865 | On request |                                                         |                          |        |            |
| A12 Climbing protection rail galv. steel                                | L= 1680 mm  | 502875 |            |                                                         |                          |        |            |
| A12 Climbing protection rail galv. steel                                | L= 1960 mm  | 500048 |            |                                                         |                          |        |            |
| A12 Climbing protection rail galv. steel                                | L= 2240 mm  | 502885 |            |                                                         |                          |        |            |
| A12 Climbing protection rail galv. steel                                | L= 2520 mm  | 500058 |            |                                                         |                          |        |            |



# Fall arrest vertical System A12

HARNESSES  
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FALL ARRESTERS

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LIFELINES AND  
ANCHOR POINTS

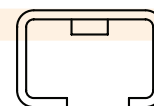
RESCUE

FABA™  
TRACTELIFT

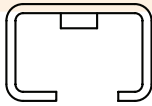
ACCESSORIES

| Description                                              | Description             | Code   | Price €    | Description                                       | Description                          | Code   | Price €    |
|----------------------------------------------------------|-------------------------|--------|------------|---------------------------------------------------|--------------------------------------|--------|------------|
| <b>A12 Bracket-Z (to bolt / to dowel)</b>                |                         |        |            | A12 Bracket to a mast Ø 139,7 mm galv. steel      | System dimension 230 mm              | 503758 |            |
| A12 Bracket -Z (D=10,5mm) galv. steel                    | to bolt / to dowel      | 508087 |            | A12 Bracket to a mast Ø 159 mm galv. steel        | System dimension 230 mm              | 506765 |            |
| A12 Bracket -Z (D=10,5mm) Stainl. steel                  | to bolt / to dowel      | 503428 | On request | A12 Bracket to a mast Ø 168,3 mm galv. steel      | System dimension 230 mm              | 503798 |            |
| A12 Bracket -Z (D=14,0mm) galv. steel                    | to bolt / to dowel      | 503418 |            | A12 Bracket to a mast Ø 88,9 mm galv. steel       | System dimension 243 mm              | 503688 |            |
| A12 Bracket -Z (D=14,0mm) Stainl. steel                  | to bolt / to dowel      | 503438 |            | A12 Bracket to a mast Ø 101,6 mm galv. steel      | System dimension 243 mm              | 506695 |            |
| <b>A12 Bracket with square tube (to bolt / to dowel)</b> |                         |        |            | A12 Bracket to a mast Ø 114,3 mm galv. steel      | System dimension 243 mm              | 503728 |            |
| A12 Bracket with square tube (D=10,5mm) galv. steel      | to bolt / to dowel      | 503558 | On request | A12 Bracket to a mast Ø 139,7 mm galv. steel      | System dimension 243 mm              | 503768 |            |
| A12 Bracket with square tube (D=10,5mm) Stainl. steel    | to bolt / to dowel      | 503568 |            | A12 Bracket to a mast Ø 159 mm galv. steel        | System dimension 243 mm              | 506775 |            |
| A12 Bracket with square tube (D=14,0mm) galv. steel      | to bolt / to dowel      | 503538 |            | A12 Bracket to a mast Ø 168,3 mm galv. steel      | System dimension 243 mm              | 503808 |            |
| A12 Bracket with square tube (D=14,0mm) Stainl. steel    | to bolt / to dowel      | 503548 |            | A12 Bracket to a mast Ø 139,7 mm galv. steel      | System dimension 243 mm              | 503828 |            |
| <b>A12 Bracket to a mast</b>                             |                         |        |            | A12 Bracket to a mast Ø 88,9 mm galv. steel       | System dimension 184 mm              | 503678 |            |
| A12 Bracket to a mast Ø 88,9 mm galv. steel              | System dimension 190 mm | 506595 |            | A12 Bracket to a mast Ø 101,6 mm galv. steel      | System dimension 190 mm              | 503698 |            |
| A12 Bracket to a mast Ø 101,6 mm galv. steel             | System dimension 203 mm | 506605 |            | A12 Bracket to a mast Ø 114,3 mm galv. steel      | System dimension 203 mm              | 506715 |            |
| A12 Bracket to a mast Ø 88,9 mm galv. steel              | System dimension 203 mm | 506655 |            | A12 Bracket to a mast Ø 80 mm galv. steel         | System dimension 213 mm              | 506575 |            |
| A12 Bracket to a mast Ø 101,6 mm galv. steel             | System dimension 213 mm | 506615 |            | A12 Bracket to a mast Ø 88,9 mm galv. steel       | System dimension 213 mm              | 506615 |            |
| A12 Bracket to a mast Ø 80 mm galv. steel                | System dimension 213 mm | 506665 |            | A12 Bracket to a mast Ø 101,6 mm galv. steel      | System dimension 213 mm              | 506665 |            |
| A12 Bracket to a mast Ø 101,6 mm galv. steel             | System dimension 217 mm | 506585 |            | A12 Bracket to a mast Ø 114,3 mm galv. steel      | System dimension 213 mm              | 503708 |            |
| A12 Bracket to a mast Ø 88,9 mm galv. steel              | System dimension 217 mm | 506625 |            | A12 Bracket to a mast Ø 139,7 mm galv. steel      | System dimension 213 mm              | 503748 |            |
| A12 Bracket to a mast Ø 101,6 mm galv. steel             | System dimension 217 mm | 506675 |            | A12 Bracket to a mast Ø 80 mm galv. steel         | System dimension 217 mm              | 506585 |            |
| A12 Bracket to a mast Ø 114,3 mm galv. steel             | System dimension 217 mm | 506725 |            | A12 Bracket to a mast Ø 88,9 mm galv. steel       | System dimension 217 mm              | 506625 |            |
| A12 Bracket to a mast Ø 139,7 mm galv. steel             | System dimension 217 mm | 506745 |            | A12 Bracket to a mast Ø 101,6 mm galv. steel      | System dimension 217 mm              | 506675 |            |
| A12 Bracket to a mast Ø 159 mm galv. steel               | System dimension 217 mm | 506755 |            | A12 Bracket to a mast Ø 114,3 mm galv. steel      | System dimension 217 mm              | 506725 |            |
| A12 Bracket to a mast Ø 88,9 mm galv. steel              | System dimension 230 mm | 506635 |            | A12 Bracket to a mast Ø 139,7 mm galv. steel      | System dimension 217 mm              | 506745 |            |
| A12 Bracket to a mast Ø 101,6 mm galv. steel             | System dimension 230 mm | 506685 |            | A12 Bracket to a mast Ø 159 mm galv. steel        | System dimension 217 mm              | 506755 |            |
| A12 Bracket to a mast Ø 114,3 mm galv. steel             | System dimension 230 mm | 503718 |            | A12 Bracket to a mast Ø 88,9 mm galv. steel       | System dimension 230 mm              | 506635 |            |
|                                                          |                         |        |            | A12 Bracket to a mast Ø 101,6 mm galv. steel      | System dimension 230 mm              | 506685 |            |
|                                                          |                         |        |            | A12 Bracket to a mast Ø 139,7 mm galv. steel      | System dimension 230 mm              | 503718 |            |
|                                                          |                         |        |            | others Ø galv. steel                              | System dimension to be defined       |        |            |
|                                                          |                         |        |            | <b>A12 Fastening to steel structures</b>          |                                      |        |            |
|                                                          |                         |        |            | A12 Bracket for welding L=160mm Steel (untreated) | Screw kit must be ordered separately | 505455 |            |
|                                                          |                         |        |            | A12 Bracket for welding L=160mm Steel (primed)    | Screw kit must be ordered separately | 503318 | On request |
|                                                          |                         |        |            | A12 Bracket for welding L=160mm Stainless steel   | Screw kit must be ordered separately | 503308 |            |

# Fall arrest vertical System A12



| Description                                                   | Description                          | Code   | Price €    | Description                                                 | Description                   | Code   | Price €    |
|---------------------------------------------------------------|--------------------------------------|--------|------------|-------------------------------------------------------------|-------------------------------|--------|------------|
| <b>A12 Bracket to corner post</b>                             |                                      |        |            | <b>A12 Bracket on the square side beam</b>                  |                               |        |            |
| A12 Bracket to corner post galv. steel                        | Angle profiles untill 130x130mm      | 513388 |            | A12 Bracket on the square side beam Stainl. steel           | a= 6-20mm / b=61-80mm         | 503978 |            |
| A12 Bracket to corner post galv. steel                        | Angle profiles 130x130 bis 200x200mm | 513398 | On request | A12 Bracket on the square side beam Stainl. steel           | a= 21-30mm / b=61-80mm        | 503988 | On request |
| A12 Bracket to corner post galv. steel                        | Angle profiles 200x200 bis 250x250mm | 513408 |            | A12 Bracket on the square side beam Stainl. steel           | a= 31-50mm / b=61-80mm        | 503998 |            |
| <b>A12 Bracket on middle rung (round and square profiles)</b> |                                      |        |            | <b>A12 End-stops</b>                                        |                               |        |            |
| A12 Bracket on middle rung 16-25mm galv. steel                |                                      | 503398 |            | A12 Detachable catch Type DS (top and bottom) Stainl. steel |                               | 517185 | On request |
| A12 Bracket on middle rung 16-25mm Stainl. steel              |                                      | 508817 | On request | A12 Permanent catch Stainl. steel                           |                               | 508067 |            |
| A12 Bracket on middle rung 25-40mm galv. steel                |                                      | 503408 |            | <b>A12 Resting platform</b>                                 |                               |        |            |
| A12 Bracket on middle rung 25-40mm Stainl. steel              |                                      | 508827 |            | A12 Resting platform for Ladder galv. steel                 | fold away (Type I)            | 503448 |            |
| <b>A12 Bracket on middle rung or the step iron (round)</b>    |                                      |        |            | A12 Resting platform for Ladder Stainl. steel               | fold away (Type I)            | 504048 | On request |
| A12 Bracket on middle round profile Ø 15-27mm galv. steel     |                                      | 508327 | On request | A12 Resting platform for Rail galv. steel                   | fold away (Type II)           | 503458 |            |
| A12 Bracket on middle round profile Ø 15-27mm Stainl. steel   |                                      | 503528 |            | A12 Resting platform for Rail Stainl. steel                 | fold away (Type II)           | 508197 |            |
| <b>A12 Bracket on the round side beam</b>                     |                                      |        |            | <b>A12 Entry and exit sections</b>                          |                               |        |            |
| A12 Bracket on the round side beam Ø= 25-33mm galv. steel     |                                      | 503368 |            | A12 Entry and exit sections galv. steel                     |                               | 503498 |            |
| A12 Bracket on the round side beam Ø= 34-55mm galv. steel     |                                      | 504008 |            | A12 Entry and exit sections Stainl. steel                   |                               | 503508 | On request |
| A12 Bracket on the round side beam Ø= 56-80mm galv. steel     |                                      | 508637 | On request | <b>A12 Entry and exit sections (pivoting)</b>               |                               |        |            |
| A12 Bracket on the round side beam Ø= 25-33mm Stainl. steel   |                                      | 503378 |            | A12 Entry and exit sections right galv. steel               |                               | 506535 |            |
| A12 Bracket on the round side beam Ø= 34-55mm Stainl. steel   |                                      | 504018 |            | A12 Entry and exit sections left galv. steel                |                               | 506555 | On request |
| A12 Bracket on the round side beam Ø= 56-80mm Stainl. steel   |                                      | 508647 |            | A12 Entry and exit sections right Stainl. steel             |                               | 506545 |            |
| <b>A12 Bracket on the square side beam</b>                    |                                      |        |            | A12 Entry and exit sections left Stainl. steel              |                               | 506565 |            |
| A12 Bracket on the square side beam galv. steel               | a= 6-20mm / b=40-60mm                | 503888 |            | <b>A12 Step cover for ladder</b>                            |                               |        |            |
| A12 Bracket on the square side beam galv. steel               | a= 21-30mm / b=40-60mm               | 503898 |            | A12 Step over curved for ladder galv. steel                 | L=2160 mm, with 4 rungs below | 503468 |            |
| A12 Bracket on the square side beam galv. steel               | a= 31-50mm / b=40-60mm               | 503908 |            | A12 Step over curved for ladder Stainl. steel               | L=2160 mm, with 4 rungs below | 503478 |            |
| A12 Bracket on the square side beam galv. steel               | a= 6-20mm / b=61-80mm                | 503918 |            | A12 Step over curved for ladder galv. steel                 | L=2160 mm, without rungs      | 503488 | On request |
| A12 Bracket on the square side beam galv. steel               | a= 21-30mm / b=61-80mm               | 503928 | On request | A12 Step over curved for ladder Stainl. steel               | L=2160 mm, without rungs      | 508237 |            |
| A12 Bracket on the square side beam galv. steel               | a= 31-50mm / b=61-80mm               | 503938 |            | A12 Step over curved for ladder galv. steel                 | L=2800 mm, with 7 rungs below | 500378 |            |
| A12 Bracket on the square side beam Stainl. steel             | a= 6-20mm / b=40-60mm                | 503948 |            | A12 Step over curved for ladder Stainl. steel               | L=2800 mm, with 7 rungs below | 500388 |            |
| A12 Bracket on the square side beam Stainl. steel             | a= 21-30mm / b=40-60mm               | 503958 |            |                                                             |                               |        |            |
| A12 Bracket on the square side beam Stainl. steel             | a= 31-50mm / b=40-60mm               | 503968 |            |                                                             |                               |        |            |



# Fall arrest vertical System A12

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

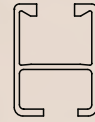
RESCUE

FABA™  
TRACTELIFT

ACCESSORIES

| Description                                                           | Description                    | Code   | Price € |            |
|-----------------------------------------------------------------------|--------------------------------|--------|---------|------------|
| <b>A12 Reinforcing for step over straight</b>                         |                                |        |         |            |
| A12 Reinforcing for step over straight for ladder galv. steel         |                                | 503618 |         |            |
| A12 Reinforcing for step over straight for ladder Stainl. steel       |                                | 504058 |         |            |
| A12 Reinforcing for step over straight for rail galv. steel           |                                | 503628 |         | On request |
| A12 Reinforcing for step over straight for rail Stainl. steel         |                                | 504068 |         |            |
| <b>A12 Horizontal transfer with gate</b>                              |                                |        |         |            |
| A12 Horizontal transfer with gate, galv. steel                        |                                |        |         | On request |
| <b>A12 Components and accessories for confined space</b>              |                                |        |         |            |
| A12 Entry aid portable Stainl. steel                                  | Overhang length about 1100 mm  | 507155 |         |            |
| A12 Coupling Stainl. steel                                            | 2 mounting screws A12 included | 507175 |         | On request |
| A12 Support bracket in confined space                                 | For ladder A12                 | 503578 |         |            |
| <b>A12 Warning sign</b>                                               |                                |        |         |            |
| Warning sign Alu                                                      | 130 x 100 mm                   | 523897 |         | On request |
| <b>A12 Securing the system against unauthorized access</b>            |                                |        |         |            |
| A12 Door cover L=2600mm Alu-elox.                                     | included padlock               | 503518 |         |            |
| A12 Cover plate L=2500mm Alu-elox.                                    | included padlock               | 509505 |         | On request |
| A12 Climbing protection rail with mounting hook L=2800mm galv. steel  | To receive foldable ladder     | 503638 |         |            |
| Aluminium ladder fold away                                            | L=2800 mm                      | 501705 |         |            |
| <b>A12 Anchor bolt</b>                                                |                                |        |         |            |
| Anchor bolt FZA 14 x 60 Stainl. steel                                 |                                | 501455 |         |            |
| Drill bit FZUB 14 x 60 (for SDS-plus)                                 |                                | 501465 |         | On request |
| Installation device FZE 14                                            |                                | 501475 |         |            |
| <b>A12 Fall arrest traveller</b>                                      |                                |        |         |            |
| Fall arrest traveller Type AL-D (with shock absorber)                 | with no leaning back           | 504968 |         |            |
| Fall arrest traveller type GRIP (with shock absorber) stainless steel | with no leaning back           | 513708 |         | On request |
| Examination fall arrest traveller, repair not necessarily             |                                | 509087 |         |            |

# Fall arrest vertical System AL2



The FABA™ AL2 System has been on the market since 2000. It is based on the principle of the FABA™ A12 System and is suitable for material in anodised aluminum. The design of the safety rail and sliders is asymmetrical and guarantees sliders are always used in the right direction.

- Dimensions rail profile (H-shaped): 48 x 65 x 3-6mm
- Material: Anodised aluminum
- Design: Ladder with a central upright or with additional side uprights or just rail
- Spacing in between stops: 70 mm
- Spacing in between rungs: 280 mm
- Rungs: Straight, inserted and set on the back of the rail
- Ladder width: 414 mm
- Primary lengths: 5600 and 2800 mm
- Adjustment lengths: 560, 840, 1120, 1400, 1680, 1960, 2240, 2520, 3080, 3360, 3640, 3920, 4200, 4480, 4760, 5040 and 5320 mm
- Maximum distance between fixings: 1680 mm for the ladder with central upright, 2520 mm suitable for ladder with side uprights or the rail.



EN 353-1/  
CEN/P/11.073



Fall arrester type AL-D



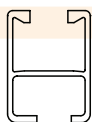
Fall arrester type GRIP



FABATM AL2 rail fall  
arrester type AL-D  
inserted

**FABA**  
SAFETY  
A trademark  
of the Groupe Tractel®





# Fall arrest vertical System AL2

HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

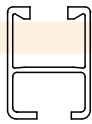
ACCESSORIES

| Description                                                        | Description | Code   | Price €    | Description                                                             | Description | Code   | Price €    |
|--------------------------------------------------------------------|-------------|--------|------------|-------------------------------------------------------------------------|-------------|--------|------------|
| <b>AL2 Climbing protection ladder with side guides Alu-elox</b>    |             |        |            | <b>AL2 Climbing protection ladder without side guides Alu-elox.</b>     |             |        |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 560 mm   | 510885 |            | L= 3080 mm                                                              | 510785      |        |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 840 mm   | 510895 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 3360 mm  | 510795 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 1120 mm  | 510905 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 3640 mm  | 510805 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 1400 mm  | 510915 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 3920 mm  | 510815 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 1680 mm  | 510925 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 4200 mm  | 510825 | On request |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 1960 mm  | 510935 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 4480 mm  | 510835 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 2240 mm  | 510955 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 4760 mm  | 510845 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 2520 mm  | 510965 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 5040 mm  | 510855 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 2800 mm  | 510975 |            | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 5320 mm  | 510865 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 3080 mm  | 510985 | On request | AL2 Climbing protection ladder without side guides Alu-elox.            | L= 5600 mm  | 510875 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 3360 mm  | 510995 |            | <b>AL2 Climbing protection rail (without rungs)</b>                     |             |        |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 3640 mm  | 511005 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 560 mm   | 510085 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 3920 mm  | 511015 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 840 mm   | 510095 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 4200 mm  | 511025 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 1120 mm  | 510105 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 4480 mm  | 511035 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 1400 mm  | 510115 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 4760 mm  | 511045 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 1680 mm  | 510125 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 5040 mm  | 511055 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 1960 mm  | 510135 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 5320 mm  | 511065 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 2240 mm  | 510145 |            |
| AL2 Climbing protection ladder with side guides Alu-elox.          | L= 5600 mm  | 511075 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 2520 mm  | 510155 |            |
| <b>AL2 Climbing protection ladder without side guides Alu-elox</b> |             |        |            | AL2 Climbing protection rail Alu-elox.                                  | L= 2800 mm  | 510165 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 560 mm   | 510695 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 3080 mm  | 510175 | On request |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 840 mm   | 510705 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 3360 mm  | 510185 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 1120 mm  | 510715 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 3640 mm  | 510195 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 1400 mm  | 510725 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 3920 mm  | 510205 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 1680 mm  | 510735 | On request | AL2 Climbing protection rail Alu-elox.                                  | L= 4200 mm  | 510215 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 1960 mm  | 510745 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 4480 mm  | 510225 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 2240 mm  | 510755 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 4760 mm  | 510235 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 2520 mm  | 510765 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 5040 mm  | 510245 |            |
| AL2 Climbing protection ladder without side guides Alu-elox.       | L= 2800 mm  | 510775 |            | AL2 Climbing protection rail Alu-elox.                                  | L= 5320 mm  | 510255 |            |
|                                                                    |             |        |            | AL2 Climbing protection rail Alu-elox.                                  | L= 5600 mm  | 510265 |            |
|                                                                    |             |        |            | <b>AL2 Ladder with release facility</b>                                 |             |        |            |
|                                                                    |             |        |            | AL2 Ladder with side guides with release facility on 840mm Alu-elox.    | L= 1680 mm  | 504628 | On request |
|                                                                    |             |        |            | AL2 Ladder without side guides with release facility on 840mm Alu-elox. | L= 1680 mm  | 504618 |            |

# Fall arrest vertical System AL2



| Description                                           | Description              | Code   | Price €           | Description                                  | Description             | Code   | Price €           |
|-------------------------------------------------------|--------------------------|--------|-------------------|----------------------------------------------|-------------------------|--------|-------------------|
| <b>AL2 Connectors</b>                                 |                          |        |                   | AL2 Bracket to a mast Ø 80 mm galv. steel    | System dimension 213 mm | 509525 |                   |
| AL2 Connectors Stainl. steel                          | for ladder or rail       | 521807 | <b>On request</b> | AL2 Bracket to a mast Ø 88,9 mm galv. steel  | System dimension 213 mm | 509575 |                   |
| AL2 Plastic end cover for side guide                  | optional                 | 510637 |                   | AL2 Bracket to a mast Ø 101,6 mm galv. steel | System dimension 213 mm | 509645 |                   |
| <b>AL2 Mounting screws</b>                            |                          |        |                   | AL2 Bracket to a mast Ø 114,3 mm galv. steel | System dimension 213 mm | 509705 |                   |
| AL2 Mounting screws M12x35 Stainl. steel              | bolt, nut, spring washer | 510617 | <b>On request</b> | AL2 Bracket to a mast Ø 139,7 mm galv. steel | System dimension 213 mm | 509765 |                   |
| <b>AL2 Fastening to a building (Z-bracket)</b>        |                          |        |                   | AL2 Bracket to a mast Ø 159 mm galv. steel   | System dimension 213 mm | 509815 |                   |
| AL2 Bracket -Z (D=10,5mm) galv. steel                 | to bolt / to dowel       | 510407 | <b>On request</b> | AL2 Bracket to a mast Ø 88,9 mm galv. steel  | System dimension 217 mm | 509585 |                   |
| AL2 Bracket -Z (D=14,0mm) Stainl. steel               | to bolt / to dowel       | 510417 |                   | AL2 Bracket to a mast Ø 101,6 mm galv. steel | System dimension 217 mm | 509655 |                   |
| AL2 Bracket -Z (D=10,5mm) galv. steel                 | to bolt / to dowel       | 504318 |                   | AL2 Bracket to a mast Ø 114,3 mm galv. steel | System dimension 217 mm | 509715 |                   |
| AL2 Bracket -Z (D=14,0mm) Stainl. steel               | to bolt / to dowel       | 504328 |                   | AL2 Bracket to a mast Ø 139,7 mm galv. steel | System dimension 217 mm | 509775 |                   |
| <b>AL2 Fastening to a building (square tube)</b>      |                          |        |                   | AL2 Bracket to a mast Ø 159 mm galv. steel   | System dimension 217 mm | 509825 |                   |
| AL2 Bracket with square tube (D=10,5mm) galv. steel   | to bolt / to dowel       | 504298 | <b>On request</b> | AL2 Bracket to a mast Ø 168,3 mm galv. steel | System dimension 217 mm | 509865 |                   |
| AL2 Bracket with square tube (D=14,0mm) galv. steel   | to bolt / to dowel       | 510377 |                   | AL2 Bracket to a mast Ø 88,9 mm galv. steel  | System dimension 230 mm | 509595 |                   |
| AL2 Bracket with square tube (D=10,5mm) Stainl. steel | to bolt / to dowel       | 504308 |                   | AL2 Bracket to a mast Ø 101,6 mm galv. steel | System dimension 230 mm | 509665 |                   |
| AL2 Bracket with square tube (D=14,0mm) Stainl. steel | to bolt / to dowel       | 510387 |                   | AL2 Bracket to a mast Ø 114,3 mm galv. steel | System dimension 230 mm | 509725 |                   |
| <b>AL2 Fastening to a mast with a clamp</b>           |                          |        |                   | AL2 Bracket to a mast Ø 139,7 mm galv. steel | System dimension 230 mm | 509785 | <b>On request</b> |
| AL2 Bracket to a mast Ø 88,9 mm galv. steel           | System dimension 178 mm  | 509535 |                   | AL2 Bracket to a mast Ø 159 mm galv. steel   | System dimension 230 mm | 509835 |                   |
| AL2 Bracket to a mast Ø 88,9 mm galv. steel           | System dimension 184 mm  | 509545 |                   | AL2 Bracket to a mast Ø 168,3 mm galv. steel | System dimension 230 mm | 509875 |                   |
| AL2 Bracket to a mast Ø 101,6 mm galv. steel          | System dimension 184 mm  | 509615 |                   | AL2 Bracket to a mast Ø 193,7 mm galv. steel | System dimension 230 mm | 509905 |                   |
| AL2 Bracket to a mast Ø 88,9 mm galv. steel           | System dimension 190 mm  | 509555 |                   | AL2 Bracket to a mast Ø 88,9 mm galv. steel  | System dimension 243 mm | 509605 |                   |
| AL2 Bracket to a mast Ø 101,6 mm galv. steel          | System dimension 190 mm  | 509625 |                   | AL2 Bracket to a mast Ø 101,6 mm galv. steel | System dimension 243 mm | 509675 |                   |
| AL2 Bracket to a mast Ø 114,3 mm galv. steel          | System dimension 190 mm  | 509685 | <b>On request</b> | AL2 Bracket to a mast Ø 114,3 mm galv. steel | System dimension 243 mm | 509735 |                   |
| AL2 Bracket to a mast Ø 80 mm galv. steel             | System dimension 203 mm  | 509515 |                   | AL2 Bracket to a mast Ø 139,7 mm galv. steel | System dimension 243 mm | 509795 |                   |
| AL2 Bracket to a mast Ø 88,9 mm galv. steel           | System dimension 203 mm  | 509565 |                   | AL2 Bracket to a mast Ø 159 mm galv. steel   | System dimension 243 mm | 509845 |                   |
| AL2 Bracket to a mast Ø 101,6 mm galv. steel          | System dimension 203 mm  | 509635 |                   | AL2 Bracket to a mast Ø 168,3 mm galv. steel | System dimension 243 mm | 509885 |                   |
| AL2 Bracket to a mast Ø 114,3 mm galv. steel          | System dimension 203 mm  | 509695 |                   | AL2 Bracket to a mast Ø 193,7 mm galv. steel | System dimension 243 mm | 509915 |                   |
| AL2 Bracket to a mast Ø 139,7 mm galv. steel          | System dimension 203 mm  | 509755 |                   | AL2 Bracket to a mast Ø 219,1 mm galv. steel | System dimension 243 mm | 509935 |                   |
|                                                       |                          |        |                   | AL2 Bracket to a mast Ø 114,3 mm galv. steel | System dimension 255 mm | 509745 |                   |
|                                                       |                          |        |                   | AL2 Bracket to a mast Ø 139,7 mm galv. steel | System dimension 255 mm | 509805 |                   |
|                                                       |                          |        |                   | AL2 Bracket to a mast Ø 159 mm galv. steel   | System dimension 255 mm | 509855 |                   |



# Fall arrest vertical System AL2

HARNESSES AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND CONNECTORS

LIFELINES AND ANCHOR POINTS

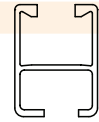
RESCUE

FABA™ TRACTELIFT

ACCESSORIES

| Description                                                          | Description                          | Code   | Price €    | Description                                                    | Description                    | Code   | Price €    |
|----------------------------------------------------------------------|--------------------------------------|--------|------------|----------------------------------------------------------------|--------------------------------|--------|------------|
| AL2 Bracket to a mast Ø 168,3 mm galv. steel                         | System dimension 255 mm              | 509895 |            | <b>AL2 Lateral fastening on square side rails</b>              |                                |        |            |
| AL2 Bracket to a mast Ø 193,7 mm galv. steel                         | System dimension 255 mm              | 509925 |            | AL2 Bracket on the square side beam galv. steel                | a= 6-20mm / b=40-60mm          | 504428 |            |
| AL2 Bracket to a mast Ø 219,1 mm galv. steel                         | System dimension 255 mm              | 509945 | On request | AL2 Bracket on the square side beam galv. steel                | a= 21-30mm / b=40-60mm         | 504438 |            |
| AL2 Bracket to a mast Ø 219,1 mm galv. steel                         | System dimension 269 mm              | 509955 |            | AL2 Bracket on the square side beam galv. steel                | a= 31-50mm / b=40-60mm         | 504448 |            |
| others Ø galv. steel                                                 | System dimension adjusted            |        |            | AL2 Bracket on the square side beam galv. steel                | a= 6-20mm / b=61-80mm          | 504458 |            |
| <b>AL2 Fixation support to souder</b>                                |                                      |        |            | AL2 Bracket on the square side beam galv. steel                | a= 21-30mm / b=61-80mm         | 504468 |            |
| AL2 Bracket for welding L=160mm Steel (untreated)                    | (without bolting kit)                | 505455 |            | AL2 Bracket on the square side beam galv. steel                | a= 31-50mm / b=61-80mm         | 504478 | On request |
| AL2 Bracket for welding L=160mm Steel (primed)                       | (without bolting kit)                | 503318 | On request | AL2 Bracket on the square side beam Stainl. steel              | a= 6-20mm / b=40-60mm          | 510547 |            |
| AL2 Bracket for welding L=160mm Stainl. steel                        | (without bolting kit)                | 503308 |            | AL2 Bracket on the square side beam Stainl. steel              | a= 21-30mm / b=40-60mm         | 504488 |            |
| AL2 Bracket for welding L>160mm Stainl. steel                        | (without bolting kit)                |        |            | AL2 Bracket on the square side beam Stainl. steel              | a= 31-50mm / b=40-60mm         | 504498 |            |
| <b>AL2 Bracket for welding</b>                                       |                                      |        |            | AL2 Bracket on the square side beam Stainl. steel              | a= 6-20mm / b=61-80mm          | 504508 |            |
| AL2 Bracket to corner post galv. steel                               | Angle profiles untill 130x130mm      | 513028 | On request | AL2 Bracket on the square side beam Stainl. steel              | a= 21-30mm / b=61-80mm         | 504518 |            |
| AL2 Bracket to corner post galv. steel                               | Angle profiles 130x130 bis 200x200mm | 513038 |            | AL2 Bracket on the square side beam Stainl. steel              | a= 31-50mm / b=61-80mm         | 504528 |            |
| AL2 Bracket to corner post galv. steel                               | Angle profiles 200x200 bis 250x250mm | 513048 |            | <b>AL2 Catches</b>                                             |                                |        |            |
| <b>AL2 Bracket for flat support structure and round masts</b>        |                                      |        |            | AL2 Permanent catch Stainl. steel                              |                                | 510607 | On request |
| AL2 Bracket 220mm Alu-elox.                                          |                                      | 514787 | On request | AL2 Detachable catch Stainl. steel                             |                                | 510587 |            |
| <b>AL2 Bracket on middle rung</b>                                    |                                      |        |            | <b>AL2 Resting platform</b>                                    |                                |        |            |
| AL2 Bracket on middle rung 15-20mm Alu-elox.                         |                                      | 504878 |            | AL2 Resting platform Stainl. steel                             | fold-away                      | 510447 | On request |
| AL2 Bracket on middle rung 21-25mm Alu-elox.                         |                                      | 504888 | On request | <b>AL2 Entry and exit sections</b>                             |                                |        |            |
| AL2 Bracket on middle rung 26-30mm Alu-elox.                         |                                      | 504898 |            | AL2 Entry and exit sections Alu-elox.                          |                                | 510577 | On request |
| <b>AL2 Bracket on middle rung (only for round profile Ø 15-27mm)</b> |                                      |        |            | AL2 Entry and exit sections with cutting template Alu-elox.    |                                | 515787 |            |
| AL2 Bracket on middle round profile Ø 15-25mm galv. steel            |                                      | 510517 | On request | <b>AL2 Step over straight (sortie en sommet)</b>               |                                |        |            |
| AL2 Bracket on middle round profile Ø 15-25mm Stainl. steel          |                                      | 510527 |            | AL2 Step over straight for ladder with side guide Alu-elox.    | L=2800 mm, with 7 bottom rungs | 510945 |            |
| <b>AL2 Support bracket mounted laterally on roundside rails</b>      |                                      |        |            | AL2 Step over straight for ladder without side guide Alu-elox. | L=2800 mm, with 7 bottom rungs | 510285 | On request |
| AL2 Bracket on the round side beam Ø= 25-33mm galv. steel            |                                      | 510497 |            | AL2 Pivoting device, right galv. steel                         |                                | 509485 |            |
| AL2 Bracket on the round side beam Ø= 34-55mm galv. steel            |                                      | 504348 |            | AL2 Pivoting device, left galv. steel                          |                                | 509495 |            |
| AL2 Bracket on the round side beam Ø= 56-80mm galv. steel            |                                      | 504368 | On request | AL2 90° curved part Alu-elox.                                  |                                | 510477 |            |
| AL2 Bracket on the round side beam Ø= 25-33mm Stainl. steel          |                                      | 510507 |            | <b>AL2 Horizontal transfer with gate</b>                       |                                |        |            |
| AL2 Bracket on the round side beam Ø= 34-55mm Stainl. steel          |                                      | 504358 |            | AL2 Horizontal transfer with gate                              |                                |        | On request |
| AL2 Bracket on the round side beam Ø= 56-80mm Stainl. steel          |                                      | 504378 |            | <b>AL2 Door cover</b>                                          |                                |        |            |
|                                                                      |                                      |        |            | AL2 Door cover, L=2500mm Alu-elox                              |                                | 516585 |            |
|                                                                      |                                      |        |            | Exchange lock with 4 keys Nr.: 32213                           | For door cover                 | 509995 | On request |
|                                                                      |                                      |        |            | AL2 Door plate, L=2500mm Alu-elox                              | included padlock               | 509505 |            |

# Fall arrest vertical System AL2



| Description                                                         | Description          | Code   | Price €           |
|---------------------------------------------------------------------|----------------------|--------|-------------------|
| <b>AL2 Anchor bolt</b>                                              |                      |        |                   |
| Anchor bolt FZA 14 x 60                                             |                      | 501455 |                   |
| Drill bit FZUB 14 x 60 (for SDS-plus)                               |                      | 501465 | <b>On request</b> |
| Installation device FZE 14                                          |                      | 501475 |                   |
| <b>AL2 Warning sign</b>                                             |                      |        |                   |
| Warning sign Alu-elox                                               | 130 x 100 mm         | 523897 | <b>On request</b> |
| <b>AL2 Guided fall arresters</b>                                    |                      |        |                   |
| Fall arrest traveller Type AL-D (with shock absorber) Stainl. steel | with no leaning back | 504968 |                   |
| Fall arrest traveller type GRIP with shock absorber) Stainl. steel  | with no leaning back | 513708 | <b>On request</b> |
| Examination fall arrest traveller, repair not necessarily           |                      | 509087 |                   |
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| Description | Description | Code | Price € |
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# Fall arrest vertical System AL2-M and AL2-F



HARNESSES  
AND BELTS

PPE KITS

FALL ARRESTERS

LANYARDS AND  
CONNECTORS

LIFELINES AND  
ANCHOR POINTS

RESCUE

FABA™  
TRACTELIFT

ACCESSORIES



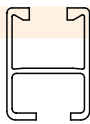
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**FABA**  
SAFETY  
A trademark  
of the Groupe Tractel®



Fall arrester AL-D

FABA™ AL2 rail  
Fall arrester  
type AL-D inserted

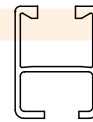


# Fall arrest vertical System AL2-M and AL2-F

| Description                                             | Description                   | Code   | Price €    |
|---------------------------------------------------------|-------------------------------|--------|------------|
| <b>AL2-M Bottom ladder</b>                              |                               |        |            |
| Bottom ladder 1680 mm Alu / S/ steel                    |                               | 513138 |            |
| Bottom ladder 1960 mm Alu / S/ steel                    |                               | 513148 |            |
| Bottom ladder 2240 mm Alu / S/ steel                    |                               | 513158 | On request |
| Bottom ladder 2520 mm Alu / S/ steel                    |                               | 513168 |            |
| Bottom ladder 2800 mm Alu / S/ steel                    |                               | 513178 |            |
| <b>AL2-M Middle ladder</b>                              |                               |        |            |
| Middle ladder 1680 mm Alu / S/ steel                    |                               | 504638 | On request |
| Middle ladder 1960 mm Alu / S/ steel                    |                               | 504678 |            |
| <b>AL2-M Top ladder</b>                                 |                               |        |            |
| Top ladder 1680 mm Alu / S/steel                        |                               | 513188 | On request |
| <b>AL2-M Accessories</b>                                |                               |        |            |
| Socket wrench SW 14 steel                               | Accessorie, installation tool | 511085 |            |
| Support bracket galv. steel                             | d=10,5mm (for M10)            | 512437 |            |
| Support bracket galv. steel                             | d=14mm (for M12)              | 512447 | On request |
| Anchor bolt FZA 14x60 s/steel                           |                               | 501455 |            |
| Drill bit FZUB 14x60 s/steel                            | for SDS+ Adapter              | 501465 |            |
| Installation device FZE 14                              |                               | 501475 |            |
| <b>AL2-M Clamp</b>                                      |                               |        |            |
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=178        | 512115 |            |
| Clamp (collar bracket) Ø 101,6 mm galv. steel / s/steel | System dimension L=184        | 512285 |            |
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=184        | 512155 |            |
| Clamp (collar bracket) Ø 114,3 mm galv. steel / s/steel | System dimension L=190        | 512045 |            |
| Clamp (collar bracket) Ø 101,6 mm galv. steel / s/steel | System dimension L=190        | 512305 |            |
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=190        | 512145 |            |
| Clamp (collar bracket) Ø 139,7 mm galv. steel / s/steel | System dimension L=203        | 511935 |            |
| Clamp (collar bracket) Ø 114,3 mm galv. steel / s/steel | System dimension L=203        | 512065 | On request |
| Clamp (collar bracket) Ø 101,6 mm galv. steel / s/steel | System dimension L=203        | 512315 |            |
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=203        | 512125 |            |
| Clamp (collar bracket) Ø 80,0 mm galv. steel / s/steel  | System dimension L=203        | 512195 |            |
| Clamp (collar bracket) Ø 159,0 mm galv. steel / s/steel | System dimension L=213        | 511995 |            |
| Clamp (collar bracket) Ø 139,7 mm galv. steel / s/steel | System dimension L=213        | 511955 |            |
| Clamp (collar bracket) Ø 114,3 mm galv. steel / s/steel | System dimension L=213        | 512075 |            |
| Clamp (collar bracket) Ø 101,6 mm galv. steel / s/steel | System dimension L=213        | 512325 |            |

| Description                                             | Description            | Code   | Price €    |
|---------------------------------------------------------|------------------------|--------|------------|
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=213 | 512135 |            |
| Clamp (collar bracket) Ø 80,0 mm galv. steel / s/steel  | System dimension L=213 | 512205 |            |
| Clamp (collar bracket) Ø 168,3 mm galv. steel / s/steel | System dimension L=217 | 512215 |            |
| Clamp (collar bracket) Ø 159,0 mm galv. steel / s/steel | System dimension L=217 | 512015 |            |
| Clamp (collar bracket) Ø 139,7 mm galv. steel / s/steel | System dimension L=217 | 511965 |            |
| Clamp (collar bracket) Ø 114,3 mm galv. steel / s/steel | System dimension L=217 | 512085 |            |
| Clamp (collar bracket) Ø 101,6 mm galv. steel / s/steel | System dimension L=217 | 512335 |            |
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=217 | 512165 |            |
| Clamp (collar bracket) Ø 193,7 mm galv. steel / s/steel | System dimension L=230 | 512255 |            |
| Clamp (collar bracket) Ø 168,3 mm galv. steel / s/steel | System dimension L=230 | 512225 |            |
| Clamp (collar bracket) Ø 159,0 mm galv. steel / s/steel | System dimension L=230 | 512025 |            |
| Clamp (collar bracket) Ø 139,7 mm galv. steel / s/steel | System dimension L=230 | 511975 |            |
| Clamp (collar bracket) Ø 114,3 mm galv. steel / s/steel | System dimension L=230 | 512095 |            |
| Clamp (collar bracket) Ø 101,6 mm galv. steel / s/steel | System dimension L=230 | 512295 |            |
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=230 | 512175 |            |
| Clamp (collar bracket) Ø 219,1 mm galv. steel / s/steel | System dimension L=243 | 511905 | On request |
| Clamp (collar bracket) Ø 193,7 mm galv. steel / s/steel | System dimension L=243 | 512265 |            |
| Clamp (collar bracket) Ø 168,3 mm galv. steel / s/steel | System dimension L=243 | 512235 |            |
| Clamp (collar bracket) Ø 159,0 mm galv. steel / s/steel | System dimension L=243 | 512035 |            |
| Clamp (collar bracket) Ø 139,7 mm galv. steel / s/steel | System dimension L=243 | 511945 |            |
| Clamp (collar bracket) Ø 114,3 mm galv. steel / s/steel | System dimension L=243 | 512055 |            |
| Clamp (collar bracket) Ø 101,6 mm galv. steel / s/steel | System dimension L=243 | 512345 |            |
| Clamp (collar bracket) Ø 88,9 mm galv. steel / s/steel  | System dimension L=243 | 512185 |            |
| Clamp (collar bracket) Ø 219,1 mm galv. steel / s/steel | System dimension L=255 | 511915 |            |
| Clamp (collar bracket) Ø 193,7 mm galv. steel / s/steel | System dimension L=255 | 512275 |            |
| Clamp (collar bracket) Ø 168,3 mm galv. steel / s/steel | System dimension L=255 | 512245 |            |
| Clamp (collar bracket) Ø 159,0 mm galv. steel / s/steel | System dimension L=255 | 512005 |            |
| Clamp (collar bracket) Ø 139,7 mm galv. steel / s/steel | System dimension L=255 | 511985 |            |
| Clamp (collar bracket) Ø 114,3 mm galv. steel / s/steel | System dimension L=255 | 512105 |            |
| Clamp (collar bracket) Ø 219,1 mm galv. steel / s/steel | System dimension L=269 | 511925 |            |
| Clamp (collar bracket) Ø 350,0 mm galv. steel / s/steel | System dimension L=308 | 512355 |            |

# Fall arrest vertical System AL2-M and AL2-F



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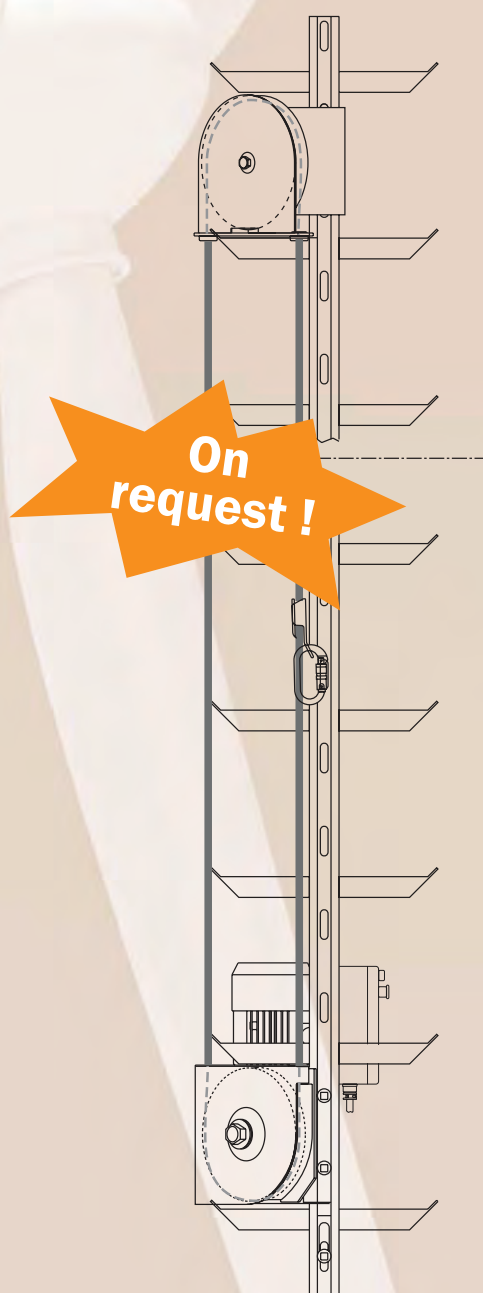
| Description                                                | Description                    | Code   | Price €    |
|------------------------------------------------------------|--------------------------------|--------|------------|
| <b>AL2-F Bottom ladder</b>                                 |                                |        |            |
| Bottom ladder 1960 mm Alum / S/ steel                      | including 2 supporting devices | 511807 | On request |
| <b>AL2-F Middle ladder</b>                                 |                                |        |            |
| Middle ladder 1960 mm Alum / S/ steel                      | including 2 supporting devices | 511777 | On request |
| Middle ladder 1680 mm Alum / S/ steel                      | including 2 supporting devices | 511767 |            |
| <b>AL2-F Top ladder</b>                                    |                                |        |            |
| Top ladder 1960 mm Alum / S/steel                          | including 2 supporting devices | 511797 | On request |
| Top ladder 1680 mm Alum / S/steel                          | including 2 supporting devices | 511787 |            |
| <b>Guided fall arresters for AL2 MOBIL and AL2 MOBIL-F</b> |                                |        |            |
| FABA™ Carriage AL-D s/steel / steel                        | without pull track function    | 504968 | On request |

# Climb assist system tractelift™

The tractelift™ is a climb assist system that relieves the weight of single or multiple climbers while ascending and descending the wind turbine ladder. The tractelift™ gives traction relief in an adjustable pulling force up to 90lbs (40kg).

The tractelift™ is easy to install, offers a continuous run rope loop and can fit virtually onto any kind of vertical ladder. With an adjustable clutch allowing the user to choose their own pulling force, this feature gives the tractelift™ more advantages over the competition. This gives our customers what they need – a product that decreases employee turnover due to fatigue and injuries and reduces costs in recruiting and training. The tractelift™ can be fitted with a fixed or detachable motor, depending on the user's preference.

 **THE TRACTELIFT™ IS NOT A FALL ARRESTER EQUIPMENT**





# Helmet and accessories

## Helmets TR2000, bags

- **Shell in ABSORBING** for optimal protection from impacts and compression
- Short visor for **easier upwards vision**
- **Fast knurled wheel adjustment** to head
- Fabric straps for **ideal comfort**
- Towelling all round **sweatband**
- 4 point adjustable chin strap **for perfect fit**
- Usage temperature **-30 °C to +40 °C**
- Electrical insulation compliant with EN 397 / EN 50365
- Numerous accessories



### Accessories

#### derope™ bag door anchor bag



#### combiopro bags



#### Shoulder bag



#### Pouch



#### box



The **TR 2000** helmet of **Tractel®** is essential equipment for high level work and offers numerous advantages:

| Description                    | Description                                                       | Code  | Price €      |
|--------------------------------|-------------------------------------------------------------------|-------|--------------|
| <b>TR 2000 blue</b>            | TR 2000 helmet blue colour, weight 375 g, sizes from 45 to 62 mm  | 60252 | <b>36,80</b> |
| <b>TR 2000 red</b>             | TR 2000 helmet red colour, weight 375 g, sizes from 45 to 62 mm   | 60432 | <b>36,80</b> |
| <b>TR 2000 white</b>           | TR 2000 helmet white colour, weight 375 g, sizes from 45 to 62 mm | 60442 | <b>36,80</b> |
| <b>integrated tinted visor</b> | Integrated protective goggles with smoked glass                   | 60262 | <b>23,00</b> |
| <b>integrated clear visor</b>  | Integrated protective goggles with transparent glass              | 60272 | <b>23,00</b> |
| <b>clip-in earmuffs</b>        |                                                                   | 60282 | <b>29,80</b> |
| <b>foam earplugs</b>           |                                                                   | 60292 | <b>5,30</b>  |
| <b>lamp holder clips</b>       |                                                                   | 60302 | <b>5,50</b>  |

#### tracpode bag



| Description            | Description                                                                         | Code  | Price €      |
|------------------------|-------------------------------------------------------------------------------------|-------|--------------|
| <b>tracpode bag</b>    | tripod canvas bag for tracpode, 1900 x 290 x 290 mm                                 | 31572 | <b>75,40</b> |
| <b>derope™ bag</b>     | backpack with a reel to wind the derope™ rope, which can have lengths of up to 80 m | 51912 | <b>55,77</b> |
| <b>door anchor bag</b> | cloth bag for door anchor                                                           | 68752 | <b>84,74</b> |
| <b>combiopro</b>       | cloth backpack, 20 l                                                                | 50992 | <b>17,00</b> |
|                        | cloth backpack, 30 l                                                                | 20812 | <b>18,24</b> |
|                        | cloth backpack, 60 l                                                                | 20822 | <b>41,30</b> |
| <b>backpack</b>        | backpack Tractel®                                                                   | 67392 | <b>20,70</b> |
| <b>shoulder bag</b>    | cloth, 430 x 310 x 150 mm                                                           | 10542 | <b>11,50</b> |
| <b>pouch</b>           | cloth pocket bag, 400 x 290 x 20 mm                                                 | 11942 | <b>4,80</b>  |
| <b>box</b>             | plastic box, 510 x 300 x 210 mm                                                     | 10522 | <b>43,42</b> |

### **1 – DRAWING UP OF THE AGREEMENT**

Any order implies from the buyer, the acknowledgement by the buyer that he gets all required information to the conclusion of the agreement and the acceptance of the present terms. Therefore, no clause to the contrary may be set up against the seller if he has not formally accepted it in writing and notably all the general terms sent earlier by way of circular letters.

Unless otherwise specified, seller's quotation shall expire thirty (30) days from its date.

The sale agreement is perfect only after written acceptance by the seller of the buyer's order, or if not by the delivery.

An order which is accepted cannot be cancelled without the seller's prior and express consent.

### **2 – SPECIFICATIONS CONCERNING THE SUPPLY**

The specifications mentioned in the seller's catalogues, price lists, leaflets and all advertising documents are for information purposes only. The seller reserves the right to carry out all changes he may consider appropriate on his models, even after acceptance of the orders, without, however, the essential specifications and performance being affected.

### **3 – PRICES**

Prices are understood in Euros free of any discount, taxes, or insurance for non packaged goods, ex-works (EXW Incoterms® ICC in force at the date when the contract is made).

Any possible costs for packaging, loading and conveying from the factory to the place of delivery shall be born by the buyer, unless otherwise agreed in writing.

### **4 – PAYMENT**

Save exception specified in the special terms appearing on the front page, the price is payable at the seller's head office as follows:

- part with the order (down payment)
- the balance by accepted draft 30 days from the date of invoicing.

The payment of the down payment with the order does not in any way entitle the buyer to retract in return for giving up his down payment which, in the event of cancellation of the order, remains acquired to the seller as a compensation, subject to all other rights.

### **5 – SETTLEMENT**

5.1 – The non-payment entails the event of default and causes that all debts even not outstanding ones are immediately due.

5.2 – Penalties for delay and compensation for recovery costs

In the event the special terms specify a deferred payment and that one of the due dates is not observed, the buyer by right and without a prior formal demand, shall lay open to penalties for delay which will be the result of the application of a rate equal to three times the rate of French legal interest.

In addition to penalties for delay, and due to late payment, the buyer, de jure and without prior formal demand, shall pay recovery costs equal to 40 euros. The seller will be entitled to obtain compensation from the buyer for any recovery costs exceeding that fixed sum and incurred due to the buyer's late payment.

5.3 - Penalty clause

By express agreement, the non payment on the due date shall entail, as a penalty clause, a compensation of 15% of the amounts due, plus the interest set in the agreement and any possible costs of litigation.

5.4 – **Retention of title and risk of loss**

**The products, subject-matter of the present order, shall remain by formal agreement the seller's property until full payment of the agreed price, and all means of payment: cheques, drafts or other negotiable instruments shall be considered as payment only after the actual collection of their amount by the seller.**

**During the period between the delivery and the full payment of the price, the buyer, by formal agreement, shall only be considered as the simple depository of the products, the buyer shall have to pay the price on agreed due dates, or failing payment of a single payment, to pay the full price or, to return the products, or if not he shall incur the penalties provided for by the law.**

**As an exception to article 1196 of the french Code of Civil Law, the delivery itself shall place the products at the buyer's risks despite the fact the latter is only the depository until full payment is made.**

**On account of his capacity of simple depository until the full payment of the price, the buyer to whom the products are delivered will not be entitled to resell them or to alienate them by any mean, including by way of contract of pledge, security or otherwise.**

**However, he may:**

- **Either, after prior agreement of the seller and under its entire liability, have its buyer pay directly the product subject-matter of the present agreement to the seller.**

- **Or assign the benefit and the charges resulting from the present agreement, but on the formal condition of informing its assignee under**

**its own liability that the products are subject to a reservation of title clause and that himself is only the depository until full payment of their price, in such a manner that said assignee has himself only the capacity of depository until the payment, and that the seller may be able to claim from him the payment or the return, if the amount of the price is not paid in whole on the date due.**

### **6 – DELIVERY TIME & DELIVERY**

6.1 – Delivery means the placing at disposal of the product on the site notified by the seller.

6.2 – The delivery time is the date entered by the seller on its acknowledgment of receipt of the order.

6.3 – Delivery times are given for information purposes and without commitment. The seller commits to deliver promptly the goods to the buyer provided that the seller gets all the information and documents required for the performance of the contract.

6.4 – It is expressly agreed that the seller shall owe no compensation for delay, except in the event of deliberate tortious intent.

6.5 - a) The buyer shall take delivery of its product(s) in the seller's premises within 30 days following the notification of the seller that the product(s) are ready for delivery.

b) At the end of this 30-day period, and after a formal demand by registered letter with advice of delivery sent to the buyer to remove the product(s) IMMEDIATELY, the seller shall be entitled to force the buyer to perform its obligations, notably to make the payments, the delivery being considered as made; in this case the seller shall store the products at the buyer's risks.

c) After the time-limit provided for in article b), the seller shall be able, if it deems this appropriate, to consider the agreement as terminated by the buyer, the payments received from the latter being acquired to him without prejudice of any other rights, and notably the seller shall be entitled to demand as a penalty clause the payment of a compensation equal to 15% of the sale price of the equipment. The seller shall then, after advising the buyer by registered letter, use the products as it wishes.

d) The products are delivered with their instructions manual for use; the user shall read them before using the products. The buyer shall check and see if he has the documents, if not it shall contact the seller to get them.

e) Acceptance: Without any written claims within 30 days following the date of delivery, the product shall be considered as without any visible defects and accepted.

### **7 – TRANSPORT AND INSURANCE**

The steps the seller may be led to take in the interest and on behalf of the buyer as regards insurance, transport, do not prevail against the principle of the delivery in the factory or store of the seller.

The fact of possibly including the transport cost in the price does not constitute an exemption to the principle of the delivery made in the factory or the store of the seller. Any transport made by the seller itself, whether the costs are to be paid for by the buyer or not, is considered as made according to a contract of carriage separate from the sale agreement.

If there are no instructions, the seller dispatches the goods in the best interests of the buyer.

In all cases, it is up to the buyer to check everything, to make all reservations upon the arrival of the product and to lodge, if the need arises, against the carrier the appeals, which must be lodged within 3 days following the acceptance, provided for by articles L133-1 and L133-3 of the French commercial Code; should these formalities not be complied with, the carrier's liability may not be implemented and the seller cannot in any case be sued for this reason.

### **8 – WARRANTY**

#### **Term and extent of the Warranty**

8.1 – All products are covered against defects in material and construction faults for a period of twelve (12) months from the date appearing on the delivery slip.

8.2 – (i) This warranty is strictly limited, after examination of the product by the seller and to suit its convenience, to the repair or replacement of the product recognized as defective, with the express exclusion of all accessory costs. (ii) Are only covered by the warranty the cost of replaced parts and labour used. Travel costs and hotel expenses for the personnel on the user's site as well as transport costs of the product concerned at the seller's factory and return are to be paid for by the beneficiary of the warranty.

8.3 – The warranty does not cover the damage resulting from bad assembly, insufficient maintenance, or normal wear. It does not apply to paints and coatings.

8.4 – Any defect bringing into play the seller's warranty must, failing forfeiture, be declared to the seller, with the invoice corresponding to the purchase of the product in question and all supporting documents.

8.5 – Exchanges or repairing of parts covered by the warranty cannot extend the warranty.

8.6 – The warranty will be removed from any product which is modified, altered, repaired outside the seller's workshops without the seller's prior written approval.

8.7- The seller's liability is expressly limited to the above-mentioned warranty.  
8.8 – An action to enforce the warranty cannot justify any delay in payments.

#### **9 – LIABILITY**

Under no circumstances, shall the seller be held to indemnify the consequential direct or indirect damage or contingent damage, notably any operating losses, loss of profits or loss of earnings. The civil liability of the seller, all causes taken into account with the exception of bodily injuries and gross negligence, is limited to a sum with an upper limit fixed at the amount invoiced and collected of the supply alleged defective.

The buyer is responsible for the waiver in contract against the seller or its insurers beyond the limits and exclusions fixed above.

#### **10 – SERVICE PERFORMANCE**

The scale of service performance of the seller is understood exclusive of travel and hotel costs. The estimates for repairs of the seller not followed by an order are payable and include the operations of dismantling, reassembly and trips. Without a reply from the buyer within 30 days from the date appearing on the estimate, the equipment shall be returned as such, transport costs to be paid for by the buyer.

The customer agrees to place at the disposal of the seller a place required for the operation as well as the required means of lifting, handling and trial.

The seller reserves the right to take into account the weather conditions on the site and accept no responsibility for any possible delays due to these conditions or to the non conformity of the site with the public health and safety conditions. Under no circumstance will the seller's liability be sought for the consequences of equipment which stops operating while it intervenes.

The customer must make sure of the solidity of supports, anchoring or props of the equipment set up; it has the responsibility of checking the solidity and the conformity with safety rules.

#### **11 –FORCE MAJEURE**

The Parties shall not be held responsible for any delay or failure to execute one of its obligations within the scope of the contract should the delay or failure be the direct or indirect result of a case of force majeure, which is defined as an event beyond the control of the Parties and independent from their will, including but not limited to cyber-attack, civil conflict, revolution, war, acts of God, occurrence of a natural catastrophe and extraordinary weather.

Should the event of Force Majeure last for more than 1 (one) month since its date of notice, then the party suffering from Force Majeure shall be entitled to terminate immediately the present Contract without prejudice by registered letter.

#### **12 - HARDSHIP CLAUSE**

The Parties are aware of the fact that this contract is fair and equitable. By mutual agreement, the Parties waive the article 1195 of the French Civil Code and accept to deal with risks associated with changing circumstances.

#### **13 - JURISDICTION**

**By formal agreement, any disputes or difficulties relating to the construction or to the performance of the present order shall be under the JURISDICTION of the COMMERCIAL COURT of TROYES (10 – France). The present terms are governed by French law excluding the United Nations Convention on Contracts for the International Sale of Goods (Vienne, 1980).**

GCSS - v. 09.2017

## **TRACTEL S.A.S.**

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