

1.

Lifting Equipment



Manual hoists

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Motorised hoists

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Pulleys, blocks and sheaves

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Lifting clamps

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Lifting points

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Floor handling equipment

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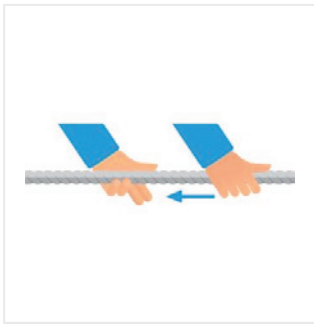
Material-only load arresters

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Tirfor®

Tirfor: Proven quality for decades, brand name and market leader – often copied never equalled

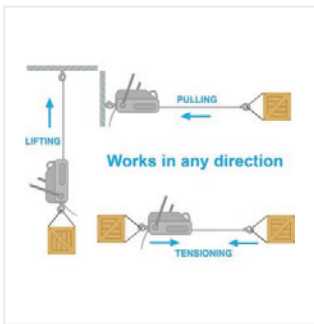


The Tirfor principle

- Two jaws alternatively pull the wire rope and the load in the required direction, like pulling a rope hand over hand.
- The jaws are self-gripping providing safe operation.
- The heavier the load, the tighter the jaws will grip.
- By operating the unlocking mechanism, the wire rope can be inserted or removed from between the jaws.

Multifunctional

- Work can be carried out in any direction: horizontally, vertically or at an angle.
- No theoretical limit to the wire rope length.
- Manually operated for use almost anywhere.
- Motorised versions available.

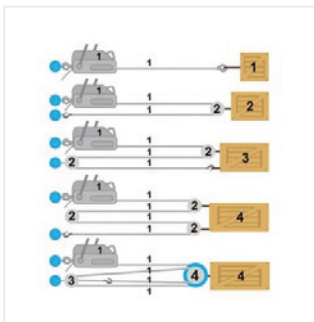


Safe and reliable

- Constant control over loads during lifting and lowering with millimetre accuracy.
- When the hoist stops, the load will be automatically distributed over the two jaws.
- Overload protection.

Increasing the WLL

- The Tirfor's WLL can be increased by a factor of 2, 3, 4 or more by using sheave blocks.
- When calculating the WLL for sheaved systems, allow for a WLL loss of 4% per sheave block, caused by friction.



Tirfor T500 series



T508



T516



T532

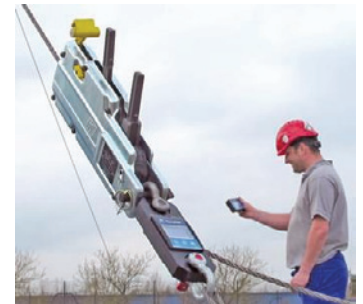
The Tirfor T500 hoist is a manual lifting and pulling device. It is a versatile and portable multi-purpose device that can be used for lifting and pulling, but also for lowering, tensioning and securing loads in all directions.

One-man operation by using the telescopic control lever supplied as standard. Spare shear pins for overload protection are supplied as standard.

Proven quality for decades, brand name and market leader – often copied never equaled!

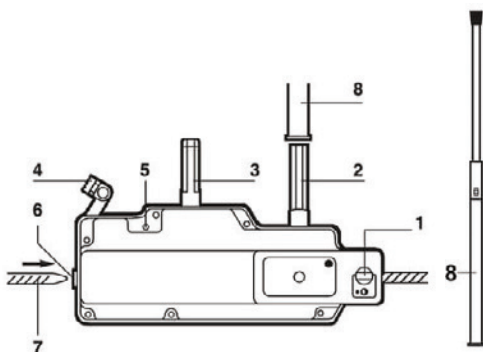
The Tirfor T series for standard applications

- Lightweight and easily portable
- Delivering safe and assured operation in any direction, either in a straight line or using diverter pulleys over an unlimited length
- Low-wear clamping jaws during demanding applications increasing the life of the wire rope
- Overload protection for safe and secure operation
- Fast and easy to install and use
- Working load can be increased by using sheave blocks
- Positioning loads with millimetre accuracy
- Secure release system
- Load capacity from 800 - 3200 kg
- Full range of accessories are available – sheave blocks, diverter pulleys, ground anchors and reelers





Tirfor T500 series: winch with lever


Model	WLL	Length (mm)	Height (mm)	Depth (mm)	Length with hook	Wire Rope Diameter (mm)	Lever In/Out (mm)	Movement Back (mm)	Movement Forward (mm)	Weight (kg)	Code
T508D	800	420	250	99	550	8,3	405/690	46	63	6.6	18109
T516D	1,600	523	315	127	650	11,5	650/1150	42	57	13.5	18119
T532D	3,200	620	355	130	840	16,3	650/1150	18	36	24	18129



1. Hook / anchor pin
2. Forward operating lever
3. Reverse operating lever
4. Rope release lever
5. Rope release safety catch
6. Rope guide
7. Wire rope
8. Telescopic operating handle

 Order products on day 1, will be shipped no later than day 2,

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 Available on request. Please enquire about delivery times of these items.

Tirfor TU series



TU8



TU16



TU32



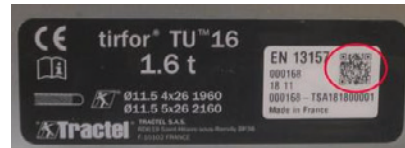
The Tirfor TU series is developed for daily heavy-duty applications under the most extreme circumstances.

The Tirfor TU hoist is a versatile and portable multi-purpose manual hoist for lifting, pulling and positioning. It can be used for lifting and pulling, but also for lowering, tensioning and securing loads in all directions.

One-man operation by using the telescopic control lever supplied as standard. Spare shear pins for overload protection are supplied as standard.

Proven quality for decades, brand name and market leader – often copied never equalled!

TU range fully compliant with EN13157.

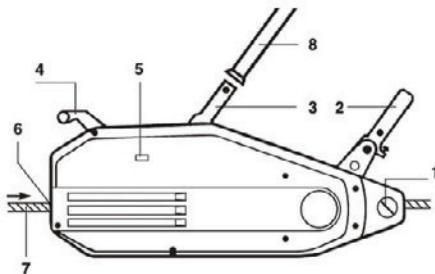


Tracinfo is our product information and documentation platform that gives you access to the documents you require wherever you are. Simply use a QR code reader to scan the identification label on the product or packaging to access a micro website specific to the product where you can download documents such as the User Manual or the Declaration of Conformity - direct to your phone, tablet or computer.

New – you can now also register the details of periodic inspections and maintenance work in Tracinfo and get automatic reminders when the next inspection is due.

- Lightweight and easily portable
- Delivering safe and assured operation in any direction, either in a straight line or using diverter pulleys over an unlimited length
- Low-wear clamping jaws during demanding applications increasing the life of the wire rope
- Overload protection for safe and secure operation
- Fast and easy to install and use
- Working load can be increased by using sheave blocks
- Positioning loads with millimetre accuracy
- Secure release system
- Load capacity from 800 - 3200 kg
- Full range of accessories are available – sheave blocks, diverter pulleys, ground anchors and reels

Model	WLL	Length (mm)	Height (mm)	Depth (mm)	Length With Hook	Wire Rope Diameter (mm)	Lever In/Out (mm)	Movement Back (mm)	Movement Forward (mm)	Weight (kg)	Product Code
TU-8	800	527	265	108		8,3	395/620	70	76	8.4	18009
TU16	1,600	660	330	140		11,5	680/1190	56	70	18	18029
TU32	3,200	676	330	156	860	16,3	680/1190	30	48	27	18039



1. Hook / anchor pin
2. Forward operating lever
3. Reverse operating lever
4. Rope release lever
5. Rope release safety catch
6. Rope guide
7. Wire rope
8. Telescopic operating handle

Wire ropes for Tirfor

Wire rope is an integral component of every hoist and winch supplied by Tractel (except our chain hoists, of course). Selecting the correct wire rope and following a routine maintenance and inspection program will ensure that your hoists operate efficiently for many years.

Using the red strand wire rope in all of our manual and powered hoists will ensure the highest level of performance for your equipment. Red strand wire rope is specifically developed and constructed for use in Tractel products. Proper selection will ensure the maximum possible wire rope service life. This is a requirement in situations where the load can spin freely or when reelers are used.

Desired wire rope length and diameter size can be chosen to match your hoist.



Maxiflex red strand wire rope fitted with hook/shackle

Wire Rope Type	C8 - 5 strands with hook	C12 - 4 strands with hook	C16 - 4 strands with shackle
Description	∅ wire rope - 8.3mm for T-7/TU-8/T-508	∅ wire rope - 11.5mm for T-13/TU-16/T-516	∅ wire rope - 16.3mm for T-35/TU-32/T-532
Length	Code	Code	Code
10 m	1939	2039	487050
15 m	1949	2049	487090
20 m	1959	2059	487110
25 m	1969	2069	487130
30 m	1979	2079	487140
40 m	1989	2099	487170
50 m	1999	2119	487210
60 m	2009	2139	487220
Extra per metre	494500	486000	487000

Coniclamp wire rope clamp



Cable clamp for tensioning cables.

- From 1000 to 3000 kg
- Wire rope diameter from 5 to 21 mm

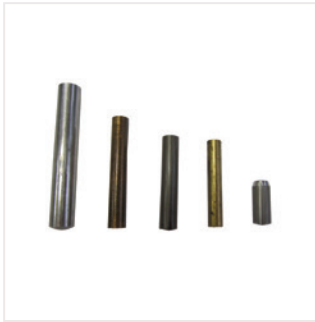
Model	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
EC 10	5 - 10	1,000	1.2	1279
EC 14	10.5 - 14	2,000	2.6	1299
EC 21	15 - 21	3,000	5.4	1319

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Accessories for Tirfor



Shear pins for Tirfor

Tirfor are supplied with replacement overload shear pins which are located in the forward lever for the TU Series and in the wire rope release handle for the T500D. Additional shear pins are available and are sold individually.

Model	Product Code
shear pin for T508	29506
shear pin for T516	29516
shear pin for T532	41206
shear pin for TU8 & TU16	8836
shear pin for TU 32	6866



Ground screw anchor

A quick and simple ground anchor point for Tirfor by screwing the anchor into soft ground.

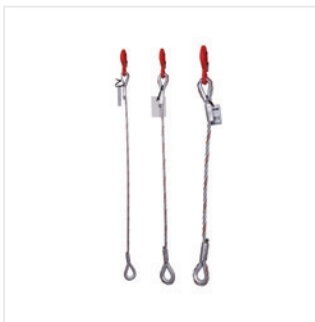
Model	WLL (kg)	Product Code
HAA anchor for Tirvit and Jockey	500	5589
HAB anchor for tirfor® TU8 / T508	800	3779
HAC anchor for tirfor® TU16 / T516	1,600	3789
HAD anchor for tirfor® TU32 / T532	3,200	3799



Ground anchor with pins

A more robust ground anchor point for Tirfor using 2 connecting plates with 8 pins or 3 connecting plates with 12 pins which are driven into the ground.


Model	Description	Weight (kg)	Product Code
Model 1	2 connecting plates with 8 pins and 3t shackle	36	13599
Model 2	3 connecting plates with 12 pins and 5t shackle	54	13609





Extension rope

Attach the extension rope to the Tirfor wire rope hook to have quick and easy additional wire rope length

Model	Product Code
Extension rope Ø 8 mm 1 m	187189
Extension rope Ø 11,5 mm 1 m	187199
Extension rope Ø 16 mm 1 m	187209

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Hand hasp for wire rope

Reels for easy wire rope storage available for lengths from 25m to 100m

Model	Product Code
Size 1	909
Size 2	939



Drum reel for wire rope

Drum reel for easy handling of the long wire rope length.

Model	Description	Product Code
reel No. 0 - small	C8 - 25m max	889
reel No. 1 - standard	C8 - 26-50m C12 - max 25m	909
Reel No. 2 - medium	C8 - 51-75m C12 - 26-50m C16 - max 25m	939
reel No. 3 - double	C8 - 75-100m C12 - 51-75m C16 - 26-50m	899
drum reel 200	C8 - 75-150m C12 - 51-75m C16 - 26-50m	878
drum reel 300	C8 - 151-200m C12 - 76-150m C16 - 51-75m	868
drum reel 400	C8 - 201-300m C12 - max 200m C16 - max 100m	858



Tirfor box


Model	Product Code
tirfor box for TU8 & T508	1408
tirfor box for TU16 & T516	1298
tirfor box for TU32 & T532	1228





Swivel hook

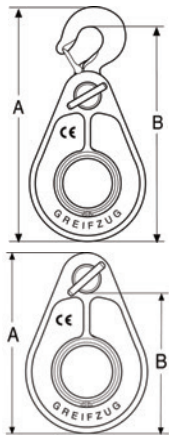
Model	Product Code
swivel hook for T508 rotatable	21857
swivel hook for T516 rotatable	21867
swivel hook for T532 & TU32, rotatable	21877



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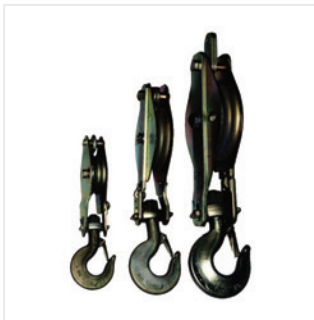
Pulley UR

Model	WLL	Sheave Diameter (mm)	Wire Rope Diameter (mm)	Height A	Height B	Weight	Product Code
MCW 2.0W	2	160	10,4	270	228	4,2	87849
MCW 2,0W with hook	2	160	10,4	326	303	2,5	43549
MCW 2.0 M	2	160	10,4	330	298,5	4,15	292889
MC 3.2	3.2	140	12	250	200	2,4	3329
MC 3.2 - with hook	3.2	140	12	340	310	3,4	292899
MC 6.4	6.4	200	16,5	310	250	5,5	31629
MC 6.4 - with eye hook	6.4	200	16,5	480	430	9,5	292909



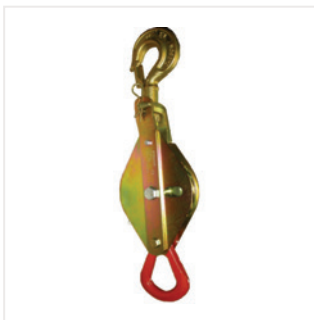
EC Snatch Block

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
EC1.6-100E9	80/100	8-9	1,600	2,2 kg	80689
EC3.2-160E12	132/160	10-12	3,200	4,8 kg	80699
EC5-200E15	160/200	13-15	5,000	9,3 kg	80709
EC8-250E18	210/250	16-18	8,000	19,4 kg	80719



EH Snatch Block

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
E303H	80/100	8-9	1,000	-	3 kg	80869
E460H*	132/160	7.5-8.3	1,600	-	7 kg	80969
E313H	132/160	10-12	2,000	-	8,5 kg	80889
E323H	160/200	13-15	3,200	-	18 kg	80909
E470H*	160/200	10-11.5	3,200	-	18 kg	80989
E490H	160/200	13-15	5,000	-	17 kg	81029
E333H	210/250	16-18	5,000	-	22 kg	80929
E480H	275/336	14-16.3	6,400	-	34 kg	81009
E347H	275/336	21-23	8,000	-	34 kg	80949



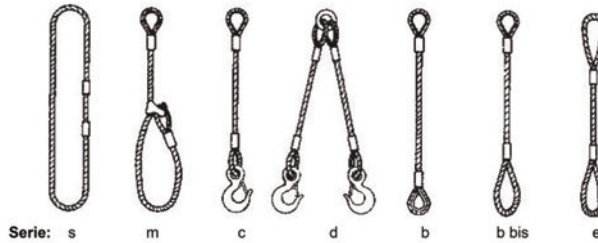
EGZ Snatch blocks for wire rope cables

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Product Code
E303GZ	80/100	8/9	1,000	101829
E305GZ	80/100	8/9	1,000	252119
E460GZ	132/160	7.5/8.3	2,400	101839
E313GZ	132/160	10/12	2,000	105629
E470GZ	160/200	10/11.5	4,800	101849
E323GZ	160/200	13/15	3,200	192859
E490GZ	160/200	13/15	5,000	192869
E333GZ	210/250	16/18	5,000	192879
E480GZ	275/336	14/16.3	6,400	101859
E347GZ	275/336	21/23	8,000	192889

Slings for Tirfor

Model B = wire rope Ø 8.3 mm
Model C = wire rope Ø 11.5 mm
Model D = wire rope Ø 16.3 mm

e.g.: **Ce**
 Model Serie
 (here Ø 11.5 mm) (here 2 thimbles)



Sling B

Model	Wire Rope Diameter (mm)	WLL	Number of Falls	Product Code
sling BB < 1m	8,3	0.8	1	46429
sling BB additional meter	8,3	0.8	1	109467
sling BB < 1m additional meter	8,3	0.8	1	109477
sling BB 1m	8,3	0.8	1	46419
sling BC additional meter	8,3	0.8	1	109447
sling BC 1m	8,3	0.8	1	46439
sling BD additional meter	8,3	0.8	2	109457
sling BD 1m	8,3	0.8	2	46449
sling BE additional meter	8,3	0.8	1	109487
sling BE 1m	8,3	0.8	1	46459
sling BM additional meter	8,3	0.8	1	109437
sling BM 1m	8,3	0.8	1	46469
sling BS additional meter	8,3	0.8	1	109427
sling BS 1m	8,3	0.8	1	46479

Sling C

Model	Wire Rope Diameter (mm)	WLL	Number of Falls	Product Code
sling CB < 1m additional meter	11,5	1.6	1	109547
sling CB < 1m	11,5	1.6	1	46499
sling CB additional meter	11,5	1.6	1	109537
sling CB 1m	11,5	1.6	1	46489
sling CC additional meter	11,5	1.6	1	109517
sling CC 1m	11,5	1.6	1	46509
sling CD additional meter	11,5	1.6	2	109527
sling CD 1m	11,5	1.6	2	46519
sling CE additional meter	11,5	1.6	1	109557
sling CE 1m	11,5	1.6	1	46529
sling CM additional meter	11,5	1.6	1	109507
sling CM 1m	11,5	1.6	1	46539
sling CS additional meter	11,5	1.6	1	109497
sling CS 1m	11,5	1.6	1	46549

Sling D

Model	Wire Rope Diameter (mm)	WLL	Number of Falls	Product Code
sling DB 1m	16,3	3.2	1	46559
sling DB < 1m	16,3	3.2	1	46569
sling DB <1m additional meter	16,3	3.2	1	109617
sling DB additional meter	16,3	3.2	1	109607
sling DC 1m	16,3	3.2	1	46579
sling DC additional meter	16,3	3.2	1	109587
sling DD 1m	16,3	3.2	2	46589
sling DD additional meter	16,3	3.2	2	109597
sling DE additional meter	16,3	3.2	1	46599
sling DE additional meter	16,3	3.2	1	109627
sling DM 1m	16,3	3.2	1	46609
sling DM additional meter	16,3	3.2	1	109577
sling DS 1m	16,3	3.2	1	46619
sling DS additional meter	16,3	3.2	1	109567

Sling E

Model	Wire Rope Diameter (mm)	WLL	Wire Rope Length (m)	Product Code
E1	10	850	1	10209
E1	14	1,700	1	10559
E1	18	2,800	1	10909
E2	10	850	1	10259
E2	14	1,700	1	10609
E2	18	2,800	1	10959
E3	10	850	1	10309
E3	14	1,700	1	10659
E3	18	2,800	1	11009



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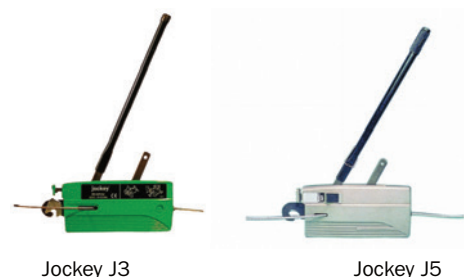
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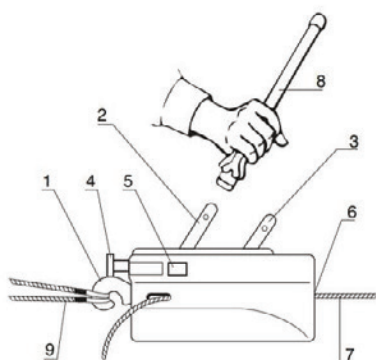
Available on request. Please enquire about delivery times of these items.

Jockey lightweight wire rope hoists

- Light and compact
- Equipped with standard accessories
- Unlimited wire rope length
- Reliable and easy to use
- Working load can be increased by using sheave blocks




Model	WLL	Length (mm)	Height (mm)	Depth (mm)	Wire Rope Diameter (mm)	Movement Back (mm)	Movement Forward (mm)	Lever	Weight (kg)	Product Code
Jockey J3	300	320	200	40	4,7	28	32	400	1.75	5469
Jockey J5	500	310	215	55	6,5	24	34	500	3.75	5479





1. Hook / anchor pin
2. Forward operating lever
3. Reverse operating lever
4. Rope release lever
5. Side buttons
6. Rope guide
7. Wire rope
8. Operating handle
9. Anchor sling

Wire ropes for Jockey

Wire Rope Type	ø 6.5mm	ø 4.7mm
Description	for jockey™ J5	for jockey™ J3
Length	Code	Code
10	489520	5839
15	489540	4029
20	489550	4039
25	489560	4049
30	489570	4059
40	489590	4129
50	489610	4149
60	489620	4159

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Jockey J3 set

Additional equipment for J3 for doubling the load capacity to 0.6 t or for rope deflection



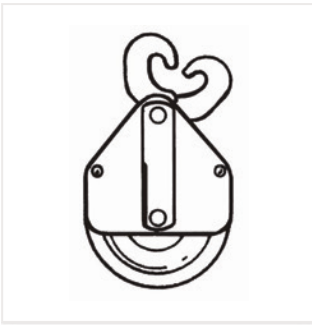
Model

Product Code

Set pulley, sling & rope

13299

Pulley for Jockey



Model

Product Code

Pulley A03

7479

Ground anchor for Jockey



Model

Product Code

Ground anchor for jockey™

5589



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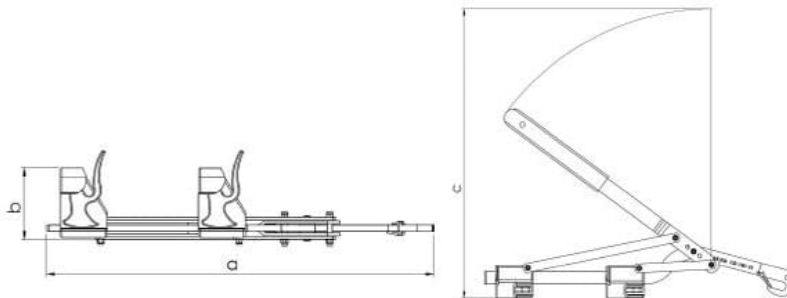


Available on request. Please enquire about delivery times of these items.

Tirvit rope tensioners

The Tirvit is hand-operated pulling wire tensioner. It is versatile, portable and multi-purpose, for both pulling and tensioning. The originality of the Tirvit universal wire tensioner, is the principle of operation directly on the wire rope, which passes through the mechanism rather than being reeled onto a drum of a hoist or conventional winch. The pull is applied by means of two pairs of self-energised jaws which exert a grip on the wire rope in proportion to the load being pulled. An operating lever transmits the effort to the jaw mechanism to forward movement of the wire rope.

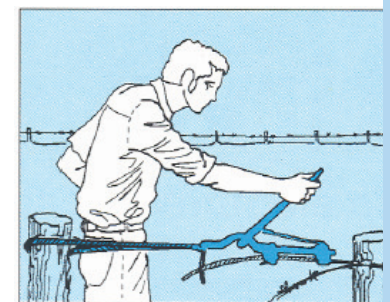
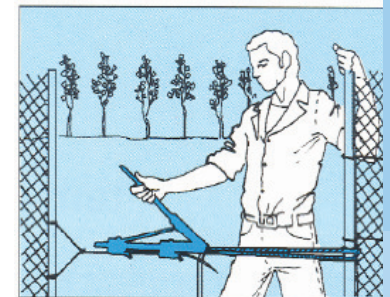
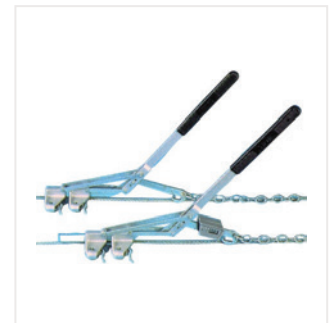
The universal wire tensioner, is fitted with a wire rope or chain, depending on the model, so that it can be secured quickly to any suitable anchor point.



Fast and easy tensioning of wire ropes such as electric transport cables, telephone cables and fence assembly. Also suitable for pulling loads. Not suitable for lifting.

- Complete with mounting chain
- Suitable for tensioning wire ropes
- Suitable for pulling loads

Model	Traction Resistance (kg)	Wire Rope Diameter (mm)	A	B	C	Rope Travel Forward/Reverse (mm)	Weight (kg)	Weight Without Anchor Cable	Product Code
F2	400	6-8	535	88	653	140	4	3,6	1029
F3	600	7-15	625	110	730	135	5,2	4,75	1039
F4	800	14-18	625	115	720	145	6,2	5,7	1049




Tirvit tension clamp


Tension clamp with shackle


- Complete with bow shackle
- Spring-loaded wire rope clamping jaws
- Lightweight enclosure

Model	Traction Resistance kg)(Wire Rope Diameter (mm)	Product Code
G2	400	6 - 8	1018
G3	600	7 - 15	1028
G4	800	14 - 18	1038



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Bravo lever hoists

Bravo lever hoists from Tractel are particularly suitable for tensioning, lifting, handling and traction operations, with optimum safety thanks to desynchronised pawls preventing any unintentional release of the load.

- Permanent load control
- Automatic load brake closure
- Load limiter as option available
- Free wheel system / neutral position: fast and easy pull through of the load chain
- Roller and block chain guides ensuring a smooth chain action through the hoist
- Galvanised fittings, epoxy paint for much greater resistance to aggressive environments
- Forged steel hooks with 360° rotation and overload opening indicators
- Compact and lightweight, simplifying use and transport
- Rubber handle improves grip
- Complies with Machine Directive 2006/42/CE
- Conforms to EN13157 + A1:2009



Bravo lever hoists



WLL	Lifting Height (m)	Number of Falls	Load Chain (mm)	With silver Corolim chain	With black chain
				Code	Code
0.5	1,5	1	5x15	244029	245649
0.75	1,5	1	6x18	244039	245659
1 t	1,5	1	6x18	244049	245669
1.5	1,5	1	7x21	244059	245679
3 t	1,5	1	10x30	244069	245689
6	1,5	2	10x30	244079	245699
9	1,5	3	10x30	244089	245709

Bulk chain to suit, per metre

Model	Chain Diameter (mm)	Silver Corolim Chain	Black Chain
		Code	Code
load chain, per metre	5 x 15	466440	27521
hand chain, per metre	5 x 24	466480	14941
load chain, per metre	6 x 18	466450	27531
load chain, per metre	7 x 21	473590	27541
load chain, per metre	8 x 24	466460	27551
load chain, per metre	10 x 30	466470	27561
hand chain, per metre	2.5 x 14.5	19991	
load chain, per metre	4 x 12	8301	

Bravo lever hoists with load limiter

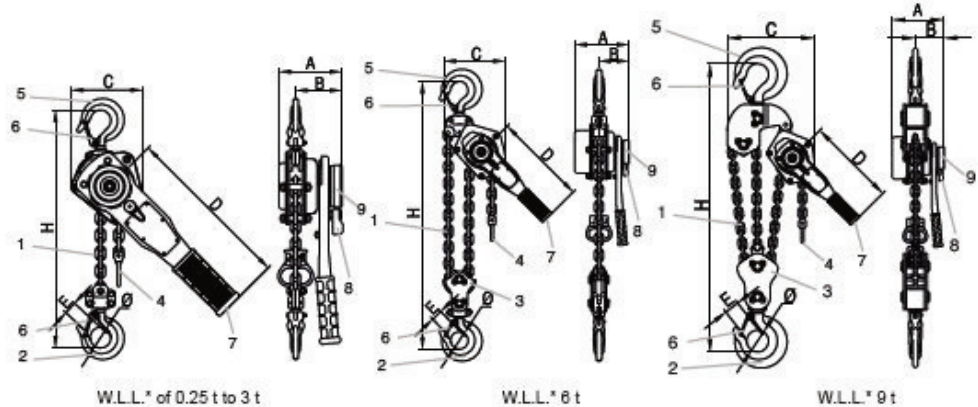


Equipped with a dynamic load limiter adjusted between 1.1 and 1.9 × WLL. The load limiter mechanism is integrated in the lever and is formed by friction disks and a clamping nut by which the limiter is adjusted. This adjustment is performed by Tractel.

WLL	Lifting Height (m)	Number of Falls	Load Chain (mm)	With silver Corolim chain	With black chain
				Code	Code
0.5	1,5	1	5x15	249989	248009
0.75	1,5	1	6x18	244169	248019
1	1,5	1	6x18	244179	248039
1.5	1,5	1	7x21	244189	248029
3	1,5	1	10x30	244199	248049
6	1,5	2	10x30	244209	248059
9	1,5	3	10x30	244219	248069

Bravo lever hoists dimensions & key components

1. Load chain
2. Lifting hook
3. Sheaved lifting hook
4. Low limit stop
5. Suspension hook
6. Safety catch
7. Actuating handle
8. Selector lever
9. Load wheel



WLL	A	B	C	D	E	Ø	Hook Distance	Max effort of the handle (daN)	Weight (kg)
0.25	102,5	77	75	157	20	28	230	28	2,1
0.5	107	78	121	288	22	35	305	50	5
0.75	149	89	125	268	23	37	315	30	7
1	149	89	125	268	27	40	320	37	7.3
1.5	175	101	146	368	29	45	365	47	11.5
3	205	114	191	348	39	55	480	45	21.4
6	205	114	229	348	44	68	610	47	30.2
9	205	114	341	348	58	85	800	48	56.1

All dimensions in mm.

Order products on day 1, will be shipped no later than day 2.

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

Bravo AC aluminium lever hoists

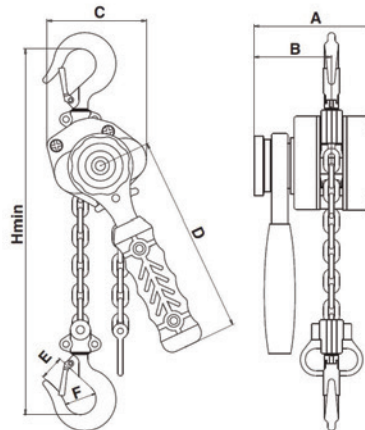


The Bravo AC series lever hoist with aluminium casings is lightweight and easily carried in its own bag, complete with belt loop.

- Aluminium casings
- Compact and lightweight
- Robust design equals less down time
- Easily portable for use anywhere
- Swivel hook
- Pull-through feature to quickly adjust the load chain
- Carry bag with belt loop
- Option: chain locking and shortening device for greater safety ensuring the load or tension is never lost

Model	WLL	Lifting Height (m)	Pressure (N)	Load Chain (mm)	Weight (kg)	Product Code
Bravo AC 250 kg	0.25 t	1,5	170	4 x 12	2.3	251129
Bravo AC 250 kg	0.25 t	3	170	4 x 12	2.8	251139
Bravo AC 500 kg	0.5 t	1,5	190	5 x 15	3.3	251149
Bravo AC 500 kg	0.5 t	3	190	5 x 15	4.1	251159

Bravo AC lever hoists dimension & key components



WLL	A	B	C	D	E	Ø	Hook Distance (mm)	Max effort of the handle (daN)
0.25 t	100	61	80	160	23	32	230	17
0.5 t	110	68	100	160	25	34	270	19

All dimensions in mm.



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Accessories for Bravo

CLD Chain locking device



The CLD chain locking device acts as an adjustable limit on the Bravo & Tralift lever hoist when lowering the load.

The chain locking device can be used with Bravo lever hoists for load lifting, load pulling and rope tensioning applications.

The chain locking device is intended to be a retrofitted accessory to adapt all models and capacities of Bravo & Tralift hoists supplied by Tractel in compliance with the size of the chain.

The CLD acts as a chain end stop, which can be adjusted to any position on the free side of the load chain.

Model	Product Code
250 kg and 500 kg	196438
750 kg and 1 ton	196448
1.5 ton	196458
3.6 ton and 9 ton	196468



Order products on day 1, will be shipped no later than day 2,

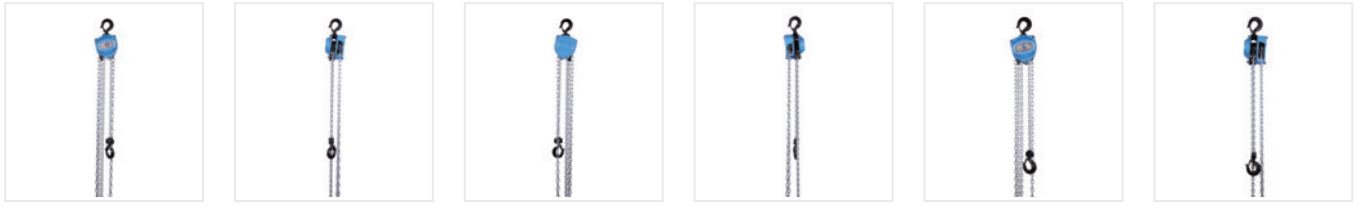


Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Manual chain hoists



The Tralift manual hand chain hoist has a unique Tractel design which is compact, light yet robust, able to tackle the most extreme lifting conditions.

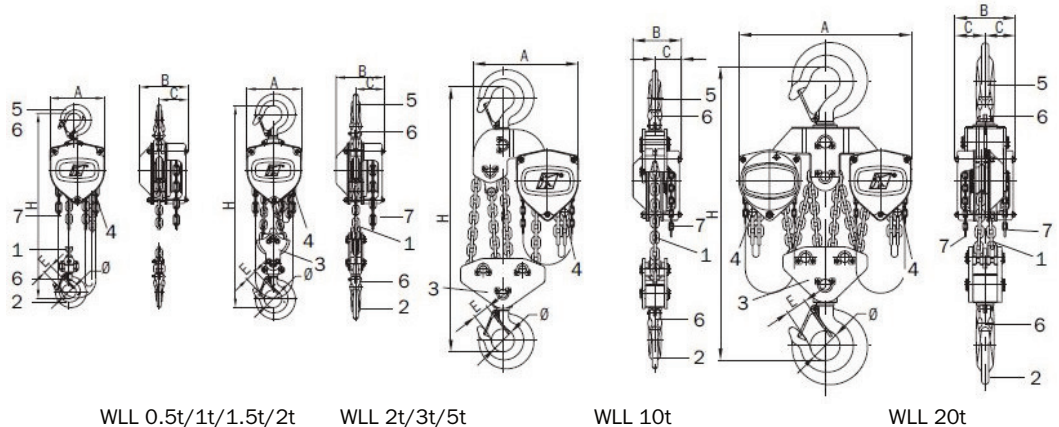
Ideal for rental fleets, industrial and construction application. Tractel also offer Tralift in black format for the entertainment industry.

Certified by TÜV Rheinland to EN13157 for capacities 500kg and above when fitted with Corolim Grade 8 EN818-7 load chain which also offers excellent corrosion protection.

- Corrosion resistant Corolim® load chain with less wear and longer life – EN818-7 compliant
- EN13157 fully compliant TÜV Rheinland certified
- Compact and lightweight
- Robust design with cast steel safety catches
- Easily portable for use anywhere
- Swivel hook with overload indication and robust cast steel safety catches
- Option: Overload protection for safe and secure operation reducing unnecessary damage to the hoist – 0.5t to 20t

Tralift dimensions and key components

1. Load chain
2. Lifting hook
3. Pulley block
4. Low limit stop
5. Suspension hook
6. Safety catch
7. Hand chain



WLL	A	B	C	D	Ø	Hook Distance (mm)	Weight (kg)
0.25	100	110	58	20	28	230	3,7
0.5	132	117.5	70.5	22	35	330	9
1	156	139	83.5	27	40	380	12.4
1.5	178	154	87	29	45	430	16.5
2	196	156.5	89.5	33	50	470	19.6
2	156	139	83.5	33	50	520	17.2
3	178	154	87	39	55	600	24.2
5	229	180	99	44	68	700	42
10	391	180	99	58	85	920	85.1
20	641	224	112	77	110	1060	165.1

All dimensions in mm.



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Tralift manual chain hoists



WLL	Lifting Height (m)	Number of Falls	Load Chain (mm)	Hand Chain (mm)	With silver Corolim chain	With black chain
					Code	Code
0.5	3	1	5x15	5x24	272269	272989
1	3	1	6x18	5x24	272279	272999
1.5	3	1	7x21	5x24	272289	273009
2	3	1	8x24	5x24	272309	273019
2	3	2	6x18	5x24	272299	273029
3	3	2	7x21	5x24	272319	273039
5	3	2	10x30	5x24	272329	273049
10	3	4	10x30	5x24	272339	273059
0.25	3	1	4x12	2, 4x14	56429	

Tralift manual chain hoists with load limiter

WLL	Lifting Height (m)	Number of Falls	Load Chain (mm)	Hand Chain (mm)	With silver Corolim chain	With black chain
					Code	Code
0.5	3	1	5x15	5x24	272629	273349
1	3	1	6x18	5x24	272639	273359
1.5	3	1	7x21	5x24	272649	273369
2	3	1	8x24	5x24	272669	273379
2	3	2	6x18	5x24	272659	273389
3	3	2	7x21	5x24	272679	273399
5	3	2	10x30	5x24	272689	273409
10	3	4	10x30	5x24	272699	273419

Bulk chain to suit, per metre

Model	Chain Diameter (mm)	Silver Corolim Chain	Black Chain
		Code	Code
load chain, per metre	5 x 15	466440	27521
hand chain, per metre	5 x 24	466480	14941
load chain, per metre	6 x 18	466450	27531
load chain, per metre	7 x 21	473590	27541
load chain, per metre	8 x 24	466460	27551
load chain, per metre	10 x 30	466470	27561
hand chain, per metre	2.5 x 14.5	19991	
load chain, per metre	4 x 12	8301	

Stainless steel manual chain hoists

Tralift Cleantech

Tralift Cleantech is a range of stainless steel manual chain hoists.

The Tralift Cleantech series offers a solution for lifting and handling in more specialised areas such as food processing, chemical industries, clean rooms, highly corrosive environments such as water treatment and chlorine atmospheres as well as industries where steam is used.

All components in contact with the environment are manufactured using stainless steel Grade 304.

The encased gears and brake are made of carbon steel.

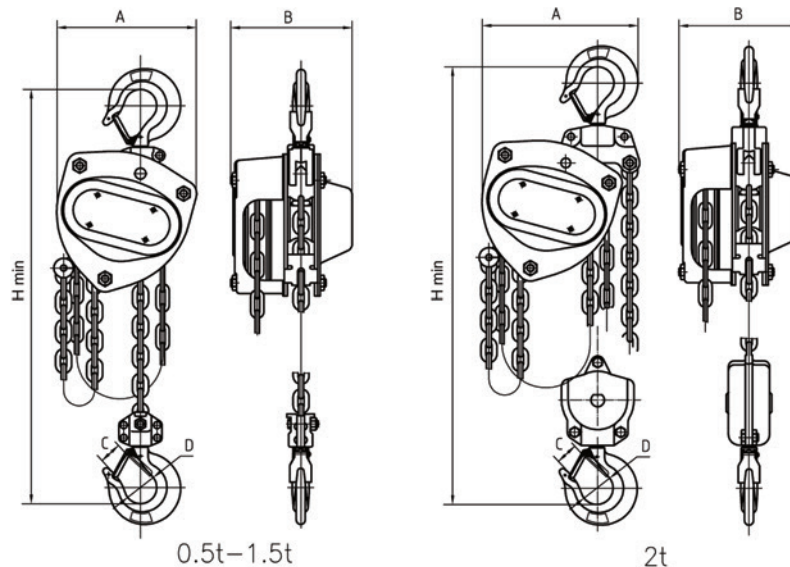
Load and hand chains are also made of stainless steel Grade 304 and importantly so are the top and bottom hooks and safety catches.

The chain hoist can be coupled with the Corso Cleantech push trolley to have a complete set in stainless steel Grade 304.



WLL	Lifting Height (m)	Number of Falls	Load Chain (mm)	Hand Chain (mm)	Product Code
0.5 t	3	1	6x18	5x23.3	294899
1 t	3	1	7x21	5x23.3	294909
2 t	3	2	7x21	5x23.3	294919

Tralift Cleantech dimensions and key components



WLL	Number of Falls	A	B	C	D	Hook Distance (mm)	effort on the hand chain	Load Chain (mm)	Hand Chain (mm)	Weight (kg)
0.5 t	1	172	151	26	40	376	15	6x18	5x23.3	13
1 t	1	172	151	26	40	376	31	7x21	5x23.3	14
2 t	2	192	151	34	50	425	34	7x21	5x23.3	21

Accessories for Tralift Cleantech

Corso Cleantech stainless steel trolley



The Corso Cleantech trolley is:

- used as a mobile anchor point on a "H" or "I" beam for lifting devices particularly Tralift Cleantech and are moved by pushing the load,
- a robust device, made with Grade 304 stainless steel,
- specially designed for applications in the food, pharmaceutical, cosmetics and clean room sectors, as well as aggressive environments with salt water or dust due to their excellent resistance to corrosion.

TECHNICAL CHARACTERISTICS

- compact and light device,
- device mainly made up of stainless steel components,
- stainless steel wheels mounted on ball bearings greased for life,
- stainless steel side plates with end bumpers and fall arrest device,
- hanger bar with adjustment spacers, locking nuts and safety pins,
- designed and built to withstand dynamic tests at 1.1 x WLL and static at 1.5 x WLL and to guarantee a minimum mechanical resistance of 4 x WLL

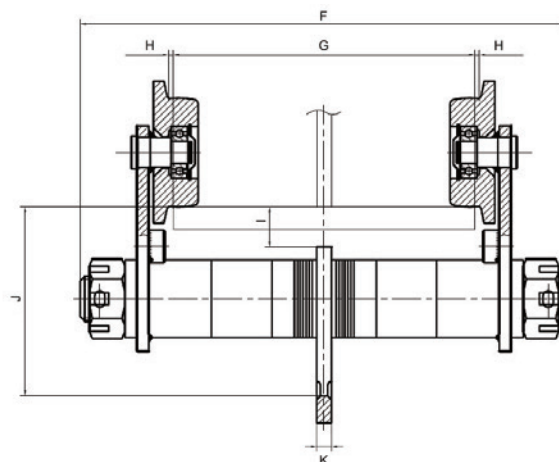
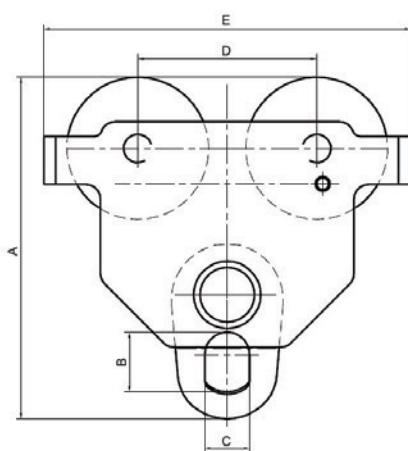
STANDARDS

The devices Corso Cleantech conforms to:

- to the Machine Directive 2006/42 / EC and this machinery fulfils all the relevant provisions of the Supply of Machinery (Safety) Regulations 2008 (SI 2008/1597) as amended (SI 2011/1042, SI 2011/2157, SI 2019/696).
- to the European standard EN13157+A1:2009



Model	A	B	C	D	E	F	G	H	I	J	K	Min.Radius (mm)	Weight (kg)	Product Code
Corso Cleantech 0,5t	187	32	25	100	199	245	50-152	1.5-3	29.5	104	8	1000	5,8	294869
Corso Cleantech 1t	229	40	30	120	246	327	64-203	1.5-3	27	127	10	1000	12	294879
Corso Cleantech 2t	268	52	38	132	276	345	88-203	1.5-3	27	150	12	1100	19,5	294889



Stainless steel manual chain hoists

Tralift Duratech

Tralift Duratech chain hoists are engineered for operation in low corrosive environments with exposure to aggressive substances. Designed specifically for industries like sanitation, chemicals, and vineyards, Tralift Duratech ensures reliable performance even in harsh conditions.

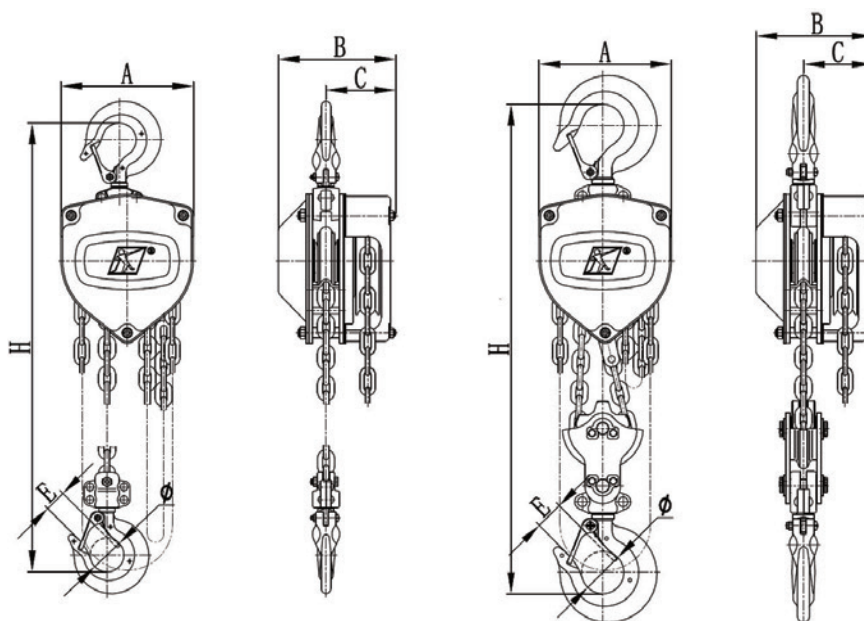
Created by combining a standard Tralift body and operating chain with a robust stainless steel load chain and lifting hook, these hoists guarantee longevity and efficiency. The unique feature of Tralift Duratech lies in its ability to facilitate effortless cleaning of the lifting chain and hook, allowing for regular maintenance and intensive cleaning.

Compatible with our versatile Corso trolley range, these hoists provide a comprehensive lifting solution tailored to your specific needs.



WLL	Lifting Height (m)	Number of Falls	Load Chain (mm)	Hand Chain (mm)	Code standard lifting height 3m	Price	Code lifting height 1 m	Stainless steel load chain per m	Hand chain per m
0.5 t	3	1	6x18	5x24	299169		299199	288027	238347
1 t	3	1	7x21	5x24	299179		299209	288037	238347
2 t	3	2	7x21	5x24	299189		299219	288047	238347

Tralift Duratech dimensions and key components



WLL	Number of Falls	A	B	C	Ø	Hook Distance (mm)	effort on the hand chain	Load Chain (mm)	Hand Chain (mm)	Weight (kg)
0.5 t	1	156	139	26	40	350	36.5	6x18	5x24	12.4
1 t	1	178	154	26	40	400	40.3	7x21	5x24	16.5
2 t	2	178	154	34	50	550	40.3	7x21	5x24	24.2

All dimensions in mm.

CaRol wire rope drum winches

The caRol manual winches are for installation in permanent locations for lifting or pulling materials.

- WLL up to 3000kg
- Option to release the drum in unloaded position
- Full capacity on all layers of wire rope
- Automatic brake
- Adjustable crank
- Variable anti spin wire rope length depending on load capacity
- caRol anti spin wire rope winches are available in different versions
- Winch with spur gearing
- Winch with worm gearing
- The anti spin wire rope is wound onto the drum by turning the crank



caRol TS series



Model	WLL*	Wire Rope Diameter (mm)	Max effort of the handle (kg)	Rope Capacity (m)	Rope Length Always Wrapped On The Drum (m)	Dimensions (mm)	Weight (kg)	Product Code
TS 250	250	5	11	15	0,6	206 x 140 x 142	9,5	23818
TS 500	500	7	14	18	0,7	233 x 162 x 175	15	23828
TS 1000	1,000	9	14	30	1,0	322 x 302 x 302	38	23838
TS 1500	1,500	11.5	14	23	1,0	370 x 350 x 330	41.5	23848
TS 2000	2,000	13	14.5	17	1,2	420 x 356 x 390	70	23858
TS 3000	3,000	16	15	18.5	1,7	530 x 480 x 450	150	23868

*WLL on the first and the last layer

caRol TR series



Model	WLL*	Wire Rope Diameter (mm)	Max effort of the handle (kg)	Rope Capacity (m)	Rope Length Always Wrapped On The Drum (m)	Dimensions (mm)	Weight (kg)	Product Code
TR 300	300	5	12.5	38	0,75	249 x 124 x 190	15,5	23778
TR 500	500	7	12.5	18	0,75	249 x 162 x 175	16	23788
TR 1000	1,000	9	14.5	30	1,00	410 x 180 x 305	44.5	23798
TR 2000	2,000	13	16.5	25	1,20	510 x 248 x 360	80	23808

*WLL on the first and the last layer

CaRol Duratech

Manual drum winch with stainless steel wire rope

NEW

The caRol Duratech range is designed for lifting loads. caRol Duratech winches are equipped with a wire rope, a swivel and a lifting hook in stainless steel.

caRol Duratech are designed to work in environments with low corrosive content, but where the cable is in contact with aggressive or corrosive substances and requires regular cleaning.

CaRol Duratech 250 equipped with 20m stainless steel wire rope



- WLL up 250 kg
- Length: 20 m
- Wire rope in stainless steel
- Swivel hook in stainless steel
- Full capacity on all layers of wire rope
- System to release the drum when unloaded
- Automatic brake
- Ergonomic, adjustable and removable crank

Model	WLL (kg)	Wire Rope Diameter (mm)	Max Effort of the Handle (kg)	Rope Capacity (m)	Rope Length always wrapped on the drum (m)	Dimensions (mm)	Weight (kg)	Product Code
CaRol Duratech 250	250	4.7	9	20	0.6	217 x 202 x 150	13.2	299229

CaRol Duratech 150 equipped with 12m stainless steel wire rope



- WLL up 150 kg
- Length: 12 m
- Wire rope in stainless steel
- Swivel and lifting hook in stainless steel
- Full capacity on all layers of wire rope
- Automatic brake
- Ergonomic crank

Model	WLL (kg)	Wire Rope Diameter (mm)	Max Effort of the Handle (kg)	Rope Capacity (m)	Rope Length always wrapped on the drum (m)	Dimensions (mm)	Weight (kg)	Product Code
CaRol Duratech 150	150	4.7	17	12	0.5	184 x 156 x 159	5.2 kg	218498

Anti spin wire ropes for CaRol drum winches

Model	Wire Rope Diameter (mm)	Length (m)	Product Code
wire rope kit Ø 4 mm, length 10 m	4	10	26419
wire rope Ø 4 mm, additional metre	4	1	270067

Model	Wire Rope Diameter (mm)	Length (m)	Product Code
wire rope kit Ø 5 mm, length 10 m	5	10	26449
wire rope kit Ø 5 mm, length 20 m	5	20	26459
wire rope kit Ø 5 mm, length 30 m	5	30	26469
wire rope Ø 5 mm additional metre	5	1	270007

Model	Wire Rope Diameter (mm)	Length (m)	Product Code
wire rope kit Ø 6 mm, length 10 m	6	10	279939
wire rope Ø 6 mm, additional metre	6	1	270077

Model	Wire Rope Diameter (mm)	Length (m)	Product Code
wire rope kit Ø 7 mm, length 10 m	7	10	26479
wire rope kit Ø 7 mm, length 20 m	7	20	26489
wire rope kit Ø 7 mm, length 30 m	7	30	26499
wire rope Ø 7 mm, additional metre	7	1	270017


Model	Wire Rope Diameter (mm)	Length (m)	Product Code
wire rope kit Ø 8 mm, length 10 m	8	10	26509
wire rope kit Ø 8 mm, length 20 m	8	20	26519
wire rope kit Ø 8 mm, length 30 m	8	30	26529
wire rope Ø 8 mm, additional metre	8	1	270087


Model	Wire Rope Diameter (mm)	Length (m)	Product Code
wire rope kit Ø 9 mm, length 10 m	9	10	26539
wire rope kit Ø 9 mm, length 20 m	9	20	26549
wire rope kit Ø 9 mm, length 30 m	9	30	26559
wire rope Ø 9 mm, additional metre	9	1	270027


Model	Wire Rope Diameter (mm)	Length (cm)	Product Code
wire rope kit Ø 11,5 mm, length 10 m	11.5	10	26569
wire rope kit Ø 11,5 mm, length 20 m	11.5	20	26579
wire rope kit Ø 11,5 mm, length 30 m	11.5	30	26589
wire rope Ø 11,5 mm additional metre	11.5	1	270037

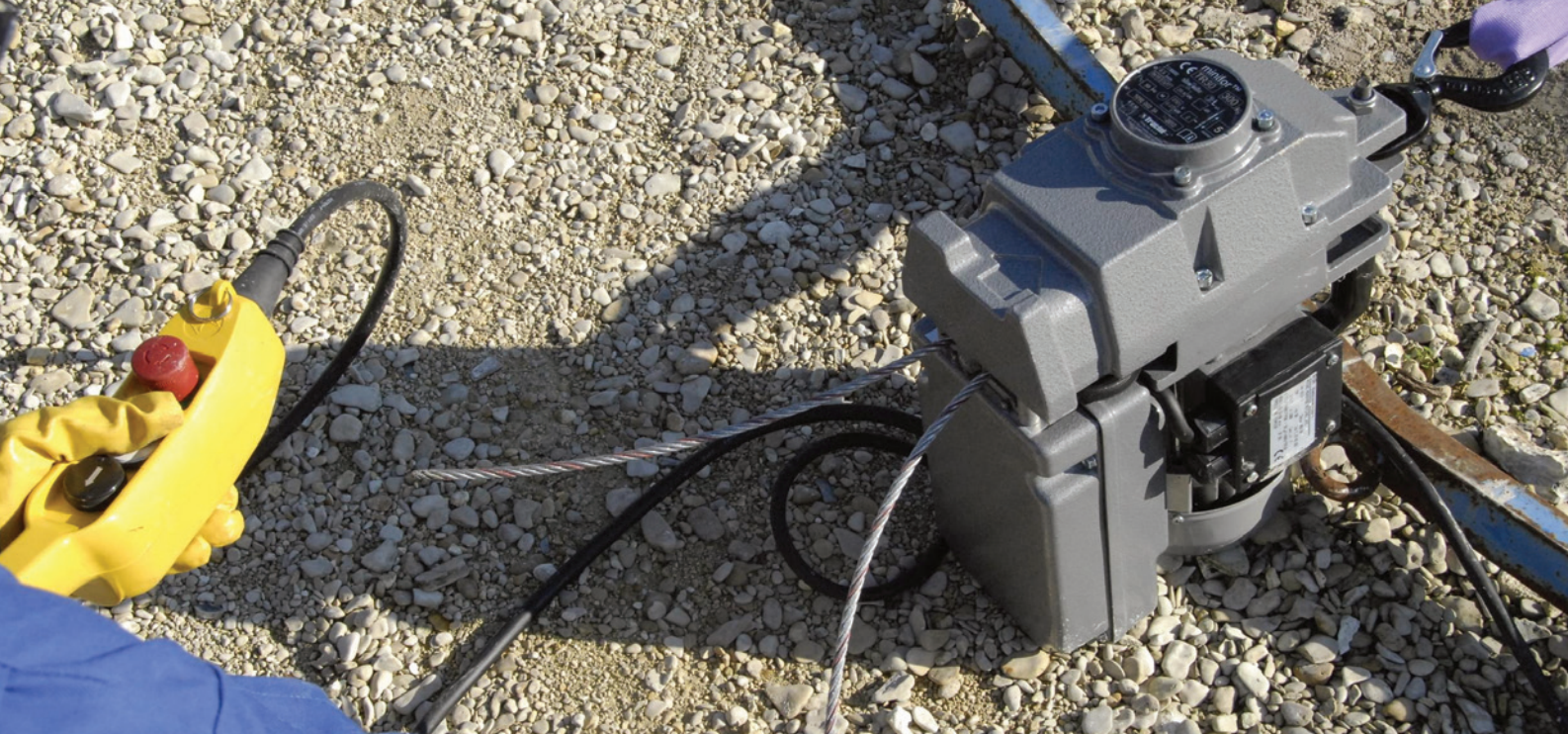
Model	Wire Rope Diameter (mm)	Length (cm)	Product Code
wire rope kit Ø 13 mm, length 10 m	13	10	26599
wire rope kit Ø 13 mm, length 20 m	13	20	26609
wire rope kit Ø 13 mm additional metre	13	1	270047

Model	Wire Rope Diameter (mm)	Length (cm)	Product Code
wire rope kit Ø 16 mm, length 10 m	16	10	26629
wire rope kit Ø 16 mm additional metre	16	1	270057

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



Minifor

High performance portable electric rope hoists, for work at any height

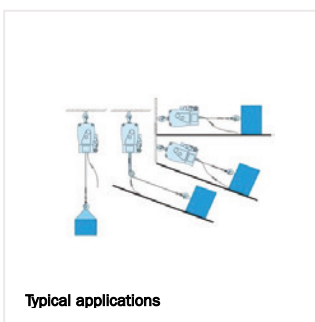


The operating principle

The drive system consists of a traction sheave whose groove has a special profile: the wire rope is clamped by two pre-tensioned pressure rollers under the action of the load. A pre-tensioned spring acts on these rollers and maintains the grip on the rope, even when there is no load. In addition to the effect of the pre-tensioned spring, the clamping action exerts a pressure which is in proportion to the load.

Properties:

- Loads of 100 kg to 1100 kg possible
- Quick and simple to install
- 3phase current or alternating current
- With operation using a pendant control or radio remote control
- Galvanized wire rope \varnothing 6.5 mm



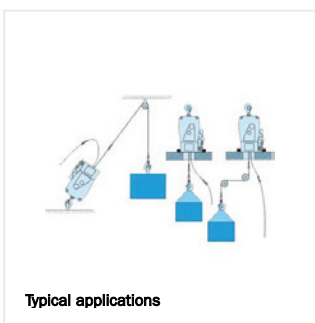
Typical applications

Safety:

- IP 65
- Safety swivel hook
- Securing of rope exit by an integrated limit switch
- Overload protection through thermal switch (bimetal sensor)

Advantages:

- Integrated handle
- Simple suspension from a hook
- Robust aluminium housing
- No loss of speed & load bearing capacity
- No limitation in rope length
- Compact & light
- Easy handling due to rapid limit switch assembly
- Powerful motor



Typical applications

Minifor TR series

Minifor offers a compact, portable motorised solution for lifting, pulling and positioning loads

- Unlimited wire rope length and therefore unlimited lifting height
- WLL from 110 kg to 1100 kg
- Compact, manageable and low self-weight.
- Unique lifting capacity/self-weight ratio.
- Handle for easy carrying
- Power supply 115V and 230V Single or 400V 3 Phase
- Wire rope or kernmantle textile rope version.
- Quick and easy installation and includes a swivel eye hook
- In conformity with Machinery Directive 98/37/EC and the European EN 292 standard.
- WLL increased by using optional sheaving kit
- Upper and lower limit switches
- Optional reelers
- Optional remote control with range up to 500 m
- IP55 protection



Minifor with pendant control

Model	WLL	Lifting Speed(m/min)	Voltage (V)	Number of Phases	Power (kW)	Weight (kg)	Product Code
TR10	100	15	110	1 (monophased)	0.37	32	102989
TR10	100	15	230	1 (monophased)	0.32	21	42789
TR30	300	5	110	1 (monophased)	0.37	32	102999
TR30	300	5	230	1 (monophased)	0.32	21	42889
TR30S	300	13	110	1 (monophased)	1.1	32	106009
TR30S	300	13	230	1 (monophased)	1.1	32	42989
TR30S	300	13	400	3 (triphased)	1.1	28	44779
TR50	500	7	110	1 (monophased)	1.1	32	106019
TR50	500	7	230	1 (monophased)	1.1	32	44849
TR50	500	7	400	3 (triphased)	1.1	28	44899

Minifor with radio remote control

Model	WLL	Lifting Speed (m/min)	Voltage (V)	Number of Phases	Power (kW)	Weight (kg)	Product Code
TR10	100	15	230	1 (monophased)	0,37	24	42799
TR30	300	5	110	1 (monophased)	0.37	32	58729
TR30	300	5	230	1 (monophased)	0,37	24	42899
TR30S	300	13	230	1 (monophased)	1,1	37	44759
TR30S	300	13	400	3 (triphased)	1,1	33	44789
TR50	500	7	110	1 (monophased)	1.1	32	58909
TR50	500	7	230	1 (monophased)	1,1	37	44879
TR50	500	7	400	3 (triphased)	1,1	34	44919
TR55	550	7	230	1 (monophased)	1,1	32	286879
TR55	550	7	400	3 (triphased)	1,1	32	286899
TR110	1,100	3,5	230	1 (monophased)	1,1	32	286919



Order products on day 1, will be shipped no later than day 2,

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

Minifor with pendant control and drum reel

Model	WLL (kg)	Reel Length (m)	Lifting Speed (m/ min)	Volts (V)	Number of Phases	Power (kW)	Weight (kg)	Product Code
TR10	100	20	15	230	1 (monophased)	0.32	33	42829
TR10	100	27	15	230	1 (monophased)	0.32	39	42849
TR10	100	40	15	230	1 (monophased)	0.32	51	106299
TR30	300	20	5	230	1 (monophased)	0.32	33	42929
TR30	300	27	5	230	1 (monophased)	0.32	39	42949
TR30	300	40	5	230	1 (monophased)	0.32	51	106309
TR30	300	40	5	110	1 (monophased)	0.37	51	108409

Excluding maxiflex wire rope

Minifor with radio remote control and drum reel

Model	WLL (kg)	Reel Length (m)	Lifting Speed (m/min)	Volts (V)	Number of Phases	Power (kW)	Weight (kg)	Product Code
TR10	100	20	15	230	1 (monophased)	0.32	33	42839
TR10	100	27	15	230	1 (monophased)	0.32	39	42859
TR10	100	40	15	230	1 (monophased)	0.32	51	106269
TR30	300	20	5	230	1 (monophased)	0.32	33	42939
TR30	300	27	5	230	1 (monophased)	0.32	39	42959
TR30	300	40	5	230	1 (monophased)	0.32	51	106279

Excluding maxiflex wire rope



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Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

Minifor TR series accessories



Sheaving kit for Minifor

Model	Product Code
sheaving kit TR10/TR30 with safety hook	217897
sheaving kit TR30S/TR50 with safety hook	217887



ELC - ELS pulleys

- For temporary cable lifting
- Allows quick assembly/disassembly or configuration changes

Model	Description	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
ELC1-70E7	equipped with safety clasp	55	6.5/7	1,000	1.6	252209
ELS1-70E7	equipped with safety hook	55	6.5/7	1,000	1.8	252259



Box for Minifor TR Minifor accessories

Model	Product Code
Box for Minifor with rope (all models) 580x375x355	60665
Box for Minifor TR 10/TR 30	60485
Box for Minifor TR 30S/TR 50	102715



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Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

OPTION: pendant control

(standard 2.5m)

If you require a different length to the standard 2.5 m, please order using the below Product Codes in addition to the Minifor Product Code. Your product will be equipped with the requested length at the factory.

Model	Product Code
4 m	112567
5 m	112577
6 m	112587
7 m	112597
8 m	112607
9 m	112617
10 m	112627
11 m	112637
12 m	112647
13 m	112657
14 m	112667
15 m	112677
16 m	112687
17 m	112697
18 m	112707
19 m	112717
20 m	112727
25 m	112737

Control cable extension

Model	Product Code
Control cable extension with Harting plug 10 m	106287
Control cable extension with Harting plug 15 m	112347
Control cable extension with Harting plug 20 m	113197



OPTION: pluggable pendant control

If you require a different length to the standard 2.5 m, please order using the below Product Codes in addition to the Minifor Product Code. Your product will be equipped with the requested length at the factory.

Model	Product Code
4 m	112797
5 m	112807
6 m	112817
7 m	112827
8 m	112837
9 m	112847
10 m	112857
11 m	112867
12 m	112877
13 m	112887
14 m	112897
15 m	112907
16 m	112917
17 m	112927
18 m	112937
19 m	112947
20 m	112957
25 m	112967

Pendant Extension

Model	Product Code
10 m pendant extension with Harting connector	463340
20 m pendant extension with Harting connector	463250
30 m pendant extension with Harting connector	463330



Wire rope for minifor (Ø 6,5 mm)

Minifor accessories

Model	Length (m)	Product Code
Red strand wire rope 10 m	10	108749
Red strand wire rope 20 m	20	60999
Red strand wire rope 30 m	30	61009
Red strand wire rope 40 m	40	61989
Red strand wire rope 50 m	50	61019
Red strand wire rope 60 m	60	61029
Red strand wire rope 100 m	100	61049
Additional price per metre	1	495500
Fitting tip hook for red strand wire rope Ø 6,5 mm	-	185999

Limit springs

The limit spring activates the upper and lower limit switches.

Model	Product Code
limit spring rope Ø 6,5 mm	22217

Wire rope counterweight

A wire rope counterweight is needed to ensure the wire rope tension for wire ropes with length bigger than 80 m.

Model	Product Code
Rope mass (rope > 80 m)	49005

Reels

Reels are intended to store the wire rope when it isn't in use.

Model	Product Code
Hand reel for wire ropes up to 50 m	889
Drum reel for wire ropes up to 50 m	22107
Drum reel for wire ropes up to 200 m	878



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Minifor™ SY Series

Portable synthetic rope hoist

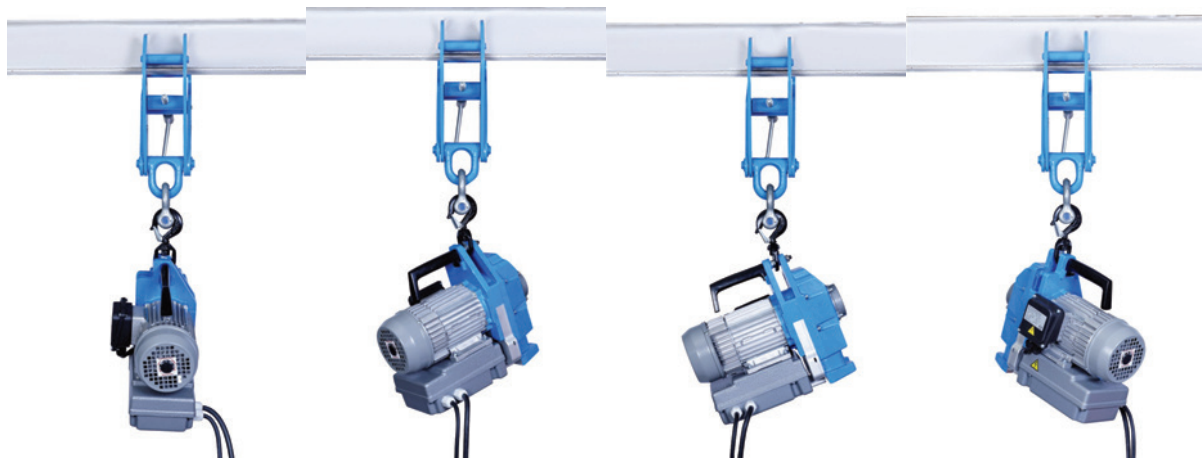
The Minifor TR125 SY hoist is equipped with a special synthetic rope. It can be used to lift over great heights (standard rope length up to 200 m, longer ropes upon request). The torque is steady and speed is also stable at 30 m/min. The motor integrated brake makes it intrinsically safe in operation. The Minifor TR125 SY hoist is available with different voltages and is suitable for various applications. It is operated through a push button pendant control. As an option, the Minifor TR125 SY hoist can be equipped with a wireless remote control.

- Special synthetic rope
- Lightweight
- Quick installation
- Unlimited wire rope length
- Easy to use, light-weight, robust, powerful
- Working load can be increased with sheaving kit
- Up and down limit switches
- Strong, robust and versatile (IP55)

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.



Model	WLL	Forward Speed (m/min)	Voltage (V)	Power (kW)	Weight (kg)	Description	Product Code
TR125 SY	125	15 m/min	110	-	21	with pendant control 2,5m	243999
TR125 SY	125	15 m/min	115	-	21	with pendant control 2,5m	245159
TR125 SY	125	30 m/min	230	0,75	20	with pendant control 2,5 m	245169
TR125 SY	125	15 m/min	230	0,37	20	with pendant control 2,5 m	245179
TR125 SY	125	30 m/min	400	0,75	20	with pendant control 2,5 m	245189
TR125 SY	125	30 m/min	230	0,75	20	with control cable and cupling	245229
TR125 SY	125	15 m/min	230	0,37	20	with control cable and cupling	245239
TR125 SY	125	30 m/min	400	0,75	20	with control cable and cupling	245249
TR125 SY	125	15 m/min	230	0,37	20	with radio remote control	245279
TR125 SY	125	30 m/min	230	0,75	20	with radio remote control	245289
TR125 SY	125	30 m/min	400	0,75	20	with radio remote control	245299



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Minifor SY series accessories



Kernmantle rope

The kernmantle rope has been developed especially for use in combination with the electric Minifor SY hoists, and can be used under the most extreme circumstances.

The kernmantle rope is made of durable polyester and has a 9.4 mm diameter. Maximum length 200 m. The rope can be identified by a blue braided cable. The core has a ribbon with a Tractel marking.

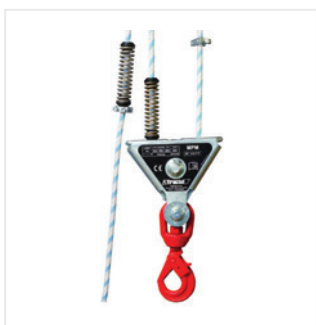
- Durable
- Available in various lengths

Model	Product Code
Kernmantle rope \varnothing 9.4mm, length 20m, hook with safety catch	187228
Kernmantle rope \varnothing 9.4mm, length 20m, self-locking hook	187268
Kernmantle rope \varnothing 9.4mm, length 20m, self-locking swivel hook	187248



Drum reel for kernmantle rope

Model	Product Code
plastic reel, up to 100 m	143865
plastic reel, up to 200 m	143875
Metal drum reel, up to 200 m	187278



Sheaving kit for Minifor

Minifor accessories


Model	Product Code
Sheaving Kit MPM	217877





Box for Minifor SY

Minifor accessories

Model	Product Code
Metal transport box	60665
Plastic transport box	231917

 Order products on day 1, will be shipped no later than day 2,

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 Available on request. Please enquire about delivery times of these items.



Tirak

Traction hoists with limitless pulling length for man riding and material lifting

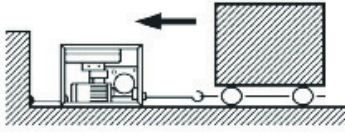
- Capacity from 300 to 3000 kg
- Compact
- Diversity of applications
- Robust components
- Low-wear components
- Easy handling

The compact dimensions and low weight enable easy handling and simplify the integration of the Tirak hoist into your own applications, thus increasing productivity and efficiency. An Increase of load capacity is possible by using reeving pulleys



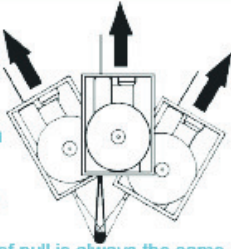
Tirak application & codification

ANCHORED TO THE FRAME



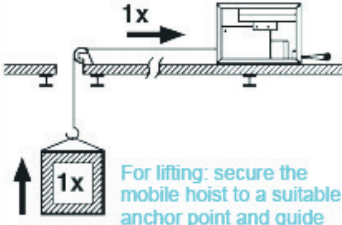
Secure the mobile hoist to a suitable anchor point by using a sling, chain or other securing method and you will be ready to start working.

ORIENTATION



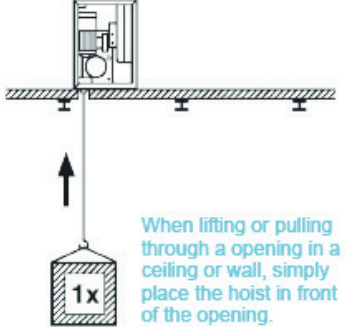
The tirak™ hoist will automatically rotate around its attachment in the direction of the force. Contrary to a drum hoist, the direction of pull is always the same because of the steady wire rope output. In addition, the speed and force are constant.

LIFTING LOADS



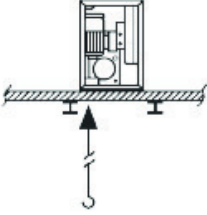
For lifting: secure the mobile hoist to a suitable anchor point and guide the wire rope through 1 or more sheave blocks.

DIRECT LIFTING OR PULLING



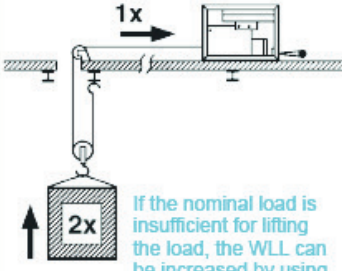
When lifting or pulling through a opening in a ceiling or wall, simply place the hoist in front of the opening.

POSITIONING



If the opening is not large enough for the hook, first position the hoist and guide the wire rope with the tip through the opening and into the Tirak™.

LIFTING AND REEVING



If the nominal load is insufficient for lifting the load, the WLL can be increased by using a number of blocks/sheaves.

TYPE CODING STRUCTURE, INFINITE POSSIBILITIES

CUSTOMISATION

- Each Tirak is assembled and produced in accordance with customer requirements. We will be happy to advise and support you while assembling the optimal Tirak for your application.
- Type coding structure

L 500 P
X A 502 P
X 1532

Tirak^T-Type
 L = 1 driver disc (lightweight)
 X = 1 driver disc
 T = 2 driver discs

Version
 P = Man riding

A = Air operated
 D = Dual wire rope Tirak

Capacity [kg]

3 = 300
 4 = 400
 5 = 500
 6 = 600
 8 = 800
 10 = 980
 10 = 1000
 11 = 1150
 12 = 1250¹⁾
 15 = 1500¹⁾
 20 = 2000
 30 = 3000¹⁾

Rope - Ø [mm]

0 = 8
 1 = 6
 2 = 9
 3 = 10
 4 = 11
 5 = 14

Working speed [m/min]

Kind of motor*	for X 2000 / 3000			
	50 Hz	60 Hz	50 Hz	60 Hz
0 = 3 Ph	9	11	6	7
or air motor or hydraulic motor				
2 = 3 Ph	18	22	12	14
3 = 3 Ph	9/18	11/22	6/12	7/14
4 = 3 Ph	4,5	5,5	4,5	5,4
5 = 3 Ph	4,5/9	5,5/11	3/6	3,5/7
6 = 3 Ph	4,5/18	5,5/22	3/12	3,5/14
7 = 3 Ph	variable speed (0 to 9 / 18 / 30)			
1 = 1 Ph	9	11	—	—

Kind of motor*:
 3 Ph = 3 phase motor
 1 Ph = single phase motor

¹⁾For Material application only

Tirak Hoist for Material Handling

The Tirak by Tractel is the number one motorised traction hoist worldwide. With its rope pass-through design, the Tirak allows for unlimited rope lengths, providing ultimate flexibility. No matter your application, the Tirak ensures safe and reliable lifting.

The T-series

When your application calls for moving material back and forth, the T-series is the ideal solution. Equipped with two traction sheaves, the T-series is capable of pulling both forwards and backwards with the same force.

The X-series

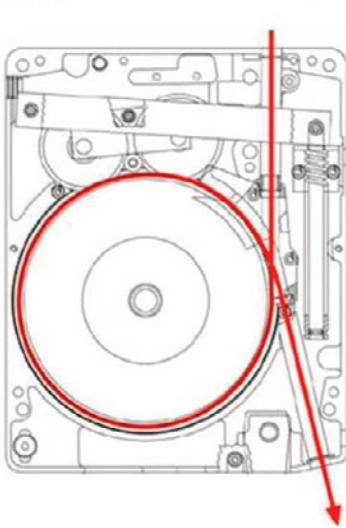
The X-series is the ideal solution for applications that require lifting in only one direction. Built using a single traction sheave, the X-series allows for easy manoeuvring of heavy loads.

No matter the position of the load, the Tirak provides constant lifting speed. When you choose Tirak hoists, you are guaranteed:

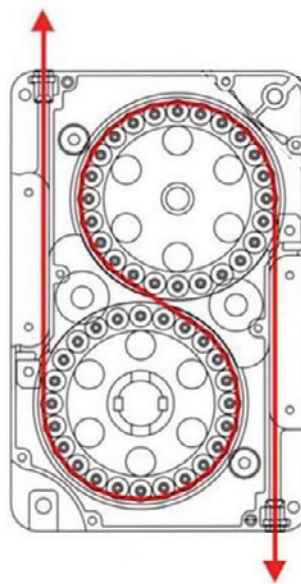
- **Quality:** combining proven technology with state-of-the-art production methods. Robust, powerful and easy to transport, the Tirak provides the ultimate in efficiency and durability, even in harsh working conditions
- **Reliability:** low cost of ownership thanks to its unique design and the extremely gentle rope drive which extends rope service life
- **Safety:** multiple levels of safety built into the hoist. All relevant standards and safety regulations are considered during the development and design of the Tirak.

A complete range of Tirak models offers WLLs from less than 300kg up to 3000kg for material applications.

For more detailed information about the Tirak traction hoist, contact your local Tractel distributor.



X-Series



T-Series

Order products on day 1, will be shipped no later than day 2.

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

Tirak Hoist for Material Handling

with pendant control

X300

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X300	8	300	9	400	50	2	27	hard-wired pendant control	283219
X300	8	300	9	400	50	2	27	pluggable pendant control	283229
X302	8	300	18	400	50	2	27	hard-wired pendant control	283239
X302	8	300	18	400	50	3	27	pluggable pendant control	283249

X400

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X400	8	400	9	400	50	2,5	29	hard-wired pendant control	188669
X400	8	400	9	400	50	2,5	29	pluggable pendant control	283259
X401	8	400	9	230	50	5,7	32	hard-wired pendant control	188699
X401	8	400	9	230	50	5,7	32	pluggable pendant control	283269
X402	8	400	18	400	50	3,8	31	hard-wired pendant control	188679
X402	8	400	18	400	50	3,8	31	pluggable pendant control	283279
X403	8	400	9/18	400	50	2,2/4,5	35	hard-wired pendant control	188689
X403	8	400	9/18	400	50	2,2/4,5	35	pluggable pendant control	283289

X500

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X500	8	500	9	400	50	3	40	hard-wired pendant control	283299
X500	8	500	9	400	50	3	40	pluggable pendant control	283319
X501	8	500	9	230	50	7	49	hard-wired pendant control	283329
X501	8	500	9	230	50	7	49	pluggable pendant control	283339
X503	8	500	9/18	400	50	3,6/6,7	47	hard-wired pendant control	283439
X503	8	500	9/18	400	50	3,6/6,7	47	pluggable pendant control	283449

Infobox:

- pendant control pluggable or hard wired delivered with 3m cable
- upper limit switch built on tirak and hard wired
- delivered with 1m power supply cable



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Available on request. Please enquire about delivery times of these items.

Tirak Hoist for Material Handling

with pendant control

X600

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X600	8	600	9	400	50	4,3	53	hard-wired pendant control	283459
X600	8	600	9	400	50	4,3	53	pluggable pendant control	283469
X601	8	600	9	230	50	10	59	hard-wired pendant control	283479
X601	8	600	9	230	50	10	59	pluggable pendant control	283489
X602	8	600	18	400	50	6,8	57	hard-wired pendant control	283529
X602	8	600	18	400	50	6,8	57	pluggable pendant control	283539
X603	8	600	9/18	400	50	4,5/8,7	66	hard-wired pendant control	283549
X603	8	600	9/18	400	50	4,5/8,7	66	pluggable pendant control	283569

X800

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X800	8	800	9	400	50	4,5	45	hard-wired pendant control	283579
X800	8	800	9	400	50	4,5	45	pluggable pendant control	283589
X802	8	800	18	400	50	8,8	49	hard-wired pendant control	188759
X802	8	800	18	400	50	8,8	49	pluggable pendant control	283599
X803	8	800	9/18	400	50	4/8	49	hard-wired pendant control	188779
X803	8	800	9/18	400	50	4/8	49	pluggable pendant control	283619
X805	8	800	4,5/9	400	50	3/4,2	50	hard-wired pendant control	188769
X805	8	800	4,5/9	400	50	3/4,2	50	pluggable pendant control	283639

X1000

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X1020	9	980	9	400	50	4,6	45	hard-wired pendant control	283649
X1020	9	980	9	400	50	4,6	45	pluggable pendant control	283659
X1023	9	980	9/18	400	50	4,5/8,5	56	hard-wired pendant control	283669
X1023	9	980	9/18	400	50	4,5/8,5	56	pluggable pendant control	283679
X1025	9	980	4,5/9	400	50	3,5/4,8	55	hard-wired pendant control	283699
X1025	9	980	4,5/9	400	50	3,5/4,8	55	pluggable pendant control	283759

Infobox:

- pendant control pluggable or hard wired delivered with 3m cable
- upper limit switch built on tirak and hard wired
- delivered with 1m power supply cable



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Tirak Hoist for Material Handling

with pendant control

X1000

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X1026	9	980	4,5/18	400	50	4/9,6	71	hard-wired pendant control	188809
X1026	9	980	4,5/18	400	50	4/9,6	71	pluggable pendant control	283769
X1230	10	1,250	11	400	60	7	49	hard-wired pendant control	283989
X1530	10	1,500	9	400	50	7	49	hard-wired pendant control	283889
X1530	10	1,500	9	400	50	7	49	pluggable pendant control	283899

X3000

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
X3050	14	3,000	6	400	50	9,9	105	hard-wired pendant control	283939
X3050	14	3,000	6	400	50	9,9	105	pluggable pendant control	283949
X3052	14	3,000	12	400	50	17	117	hard-wired pendant control	283959
X3052	14	3,000	12	400	50	17	117	pluggable pendant control	283979

T1000

Model	Wire Rope Diameter (mm)	WLL	Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Description	Product Code
T1020	9	980	9	400	50	4,6	71	hard wired pendant control	188829
T1020	9	980	9	400	50	4,6	71	pluggable pendant control	283799
T1023	9	980	9/18	400	50	5,5/9,5	87	hard wired pendant control	188859
T1023	9	980	9/18	400	50	5,5/9,5	87	pluggable pendant control	283829
T1025	9	980	4,5/9	400	50	3,6/4,6	85	hard wired pendant control	188839
T1025	9	980	4,5/9	400	50	3,6/4,6	85	pluggable pendant control	283859
T1026	9	980	4,5/18	400	50	4/9,7	97	hard wired pendant control	188849
T1026	9	980	4,5/18	400	50	4/9,7	97	pluggable pendant control	283879

Infobox:

- pendant control pluggable or hard wired delivered with 3m cable
- upper limit switch built on tirak and hard wired
- delivered with 1m power supply cable



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Available on request. Please enquire about delivery times of these items.

Tirak accessories

Transport trolley for Tirak

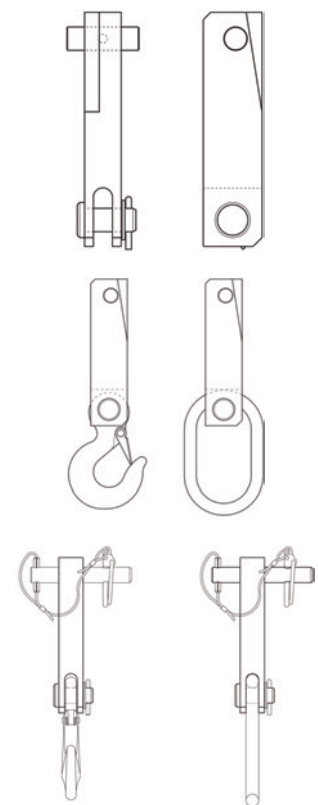
for Tirak series X500, X700, X800, X1000 & X1530

Model	Product Code
transport trolley for Tirak	247329



Suspension Adapters for Tirak Hoists

Model	Description	Product Code
Type A	Suspension adapter for X500-X1530	48657
Type B	Suspension adapter with hook. For X500-X1530	48727
Type B	Suspension adapter with eye. For X500-X1530	48717
Type C	Suspension adapter with removable hook. For X300/L500	180157
Type C	Suspension adapter with removable eye. For X300/L500	180167
Type C	Suspension adapter with removable hook. For X500-X1530	58527
Type C	Suspension adapter with removable eye. For X500-X1530	58537



Tirak packaging

Model	Product Code
wooden box for Tirak X300 / X400	26980
wooden box for Tirak X500 / X800 / X1000	21450
wooden box for Tirak T1000	21320
wooden box for Tirak X1530	56010
wooden box for Tirak X3000	56000



Order products on day 1, will be shipped no later than day 2,

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

Wire ropes for Tirak

maxiflex wire rope, standard

The maxiflex wire rope has been developed especially for optimal use guaranteed by Tractel®, in combination with tirak™ hoists, and can be used under the most extreme circumstances.

Upon request also available on a drum reel and in any required length.

- Developed especially for tirak™
- Supplied on a transport reel.
- Including certificate
- Standard version with tip and hook
- Hook with safety catch
- Available in any required length



Wire Rope Type	wire rope 8.3mm	wire rope 9.5mm	wire rope 10.2mm	wire rope 14.3mm
genCode	490540	491520	493590	496050
productModelName	wire rope 8.3mm	wire rope 9.5mm	wire rope 10.2mm	wire rope 14.3mm

Length	Code	Code	Code	Code
Additional price per meter	494500	17321	494500	16401
20	490540	491520	493590	496050
30	490600	491540	493620	496060
40	490680	491560	493650	496070
50	490730	491590	493670	496080
60	490760	491600	493680	496090
70	490810	491610	493700	496100
80	490840	491640	493720	496120
90	490880	491650	493730	496130
100	490890	491670	493750	496140

maxiflex non-rotating wire rope

The maxiflex non-rotating wire rope has been developed especially to prevent non-guided loads from rotating if they are suspended freely in the air. Upon request the non-rotating wire rope will be produced and manufactured especially for you.

The Maxiflex™ wire rope is guaranteed by Tractel®, in combination with tirak™ hoists, and can be used under the most extreme circumstances.

- Non-rotating rope for non-guided loads
- Developed especially for tirak™
- Including certificate
- Available in any required length
- Standard version with tip and hook
- Hook with safety catch

Wire Rope Type	wire rope 8.3mm	wire rope 9.5mm	wire rope 10.2mm
genCode	492630	498010	499070
productModelName	wire rope 8.3mm	wire rope 9.5mm	wire rope 10.2mm

Length	Code	Code	Code
50	492630	498010	499070



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Tirak mobile hoist

for material handling

Tirak hoists can be equipped with a mobile frame in order to provide it with better protection against day-to-day damage or for easier transport. This simplifies the handling of larger hoists or models fitted with a wire rope reeler and reliably protects the Tirak against hard impacts. A separate wire rope reeler can also be integrated into the frame if especially long ropes need to be wound up or stored.



Mobile hoist with 60m reeler capacity X300 - X400

Model	Wire Rope Diameter (mm)	WLL (kg)	Forward Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Product Code
X300	8	300	9	400	50	1,4	60	188909
X302	8	300	18	400	50	3	60	188919

Mobile hoist with 60m reeler capacity X500 - X800

Model	Wire Rope Diameter (mm)	WLL (kg)	Forward Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Product Code
X500	8	500	9	400	50	1,6	75	188939
X503	8	500	9/18	400	50	2,5 & 3,4	85	188969
X504	8	500	4,5	400	50	2,5	75	188929
X505	8	500	4,5/9	400	50	3,3 & 3,6	85	188949
X506	8	500	4,5/18	400	50	2,0 & 5,5	85	188959
X800	8	800	9	400	50	2,6	80	188989
X803	8	800	9/18	400	50	2,6 & 4,8	85	189019
X804	8	800	4,5	400	50	3,6	80	188979
X805	8	800	4,5/9	400	50	3,2 & 4,4	85	188999
X806	8	800	4,5/18	400	50	-	105	189009

Mobile hoist with 60m reeler capacity X1020 - X1530

Model	Product Code							
Frame with 60m reeler capacity X1020-X1530								34398
Model	Wire Rope Diameter (mm)	WLL (kg)	Forward Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Product Code
X1020	9	980	9	400	50	4	80	189039
X1023	9	980	9/18	400	50	5,5 & 9,0	90	189069
X1024	9	980	4,5	400	50	2,2	85	189029
X1025	9	980	4,5/9	400	50	1,8 & 2,7	90	189049
X1026	9	980	4,5/18	400	50	1,8 & 2,7	105	189059
X1530	10	1,500	9	400	50	2,5	85	189079

Mobile hoist with 110m reeler capacity X2050 - X3050

Model	Product Code							
Frame with 110m reeler capacity X2050 - X3050								30188
Model	Wire Rope Diameter (mm)	WLL (kg)	Forward Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Product Code
X3050	14	3,000	6	400	50	6	200	214719
X3052	14	3,000	12	400	50	5,8	225	189099

Tirak mobile hoist

for material handling



Mobile hoist with 500m reeler capacity X500 - X800

Model	Wire Rope Diameter (mm)	WLL (kg)	Forward Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Product Code
X500	8	500	9	400	50	2	115	189119
X503	8	500	9/18	400	50	4,5 & 8,7	125	189149
X504	8	500	4,5	400	50	4	115	189109
X505	8	500	4,5/9	400	50	3,2 & 4,4	125	189129
X506	8	500	4,5/18	400	50	2,2 & 5,2	125	189139
X800	8	800	9	400	50	1,9	120	189169
X803	8	800	9/18	400	50	4,5 & 8,7	125	189199
X804	8	800	4,5	400	50	4,2	120	189159
X805	8	800	4,5/9	400	50	1,8 & 2,6	125	189179
X806	8	800	4,5/18	400	50	3,0 & 4,9	145	189189

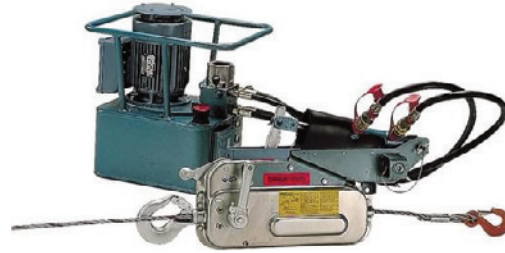
Mobile hoist with 500m reeler capacity X1020 - X1530

Model	Product Code							
Frame with 500m reeler capacity X1020 - X 1530	32598							
Model	Wire Rope Diameter (mm)	WLL (kg)	Forward Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Product Code
X1020	9	980	9	400	50	3,2	120	189229
X1024	9	980	4,5	400	50	2,5	125	189219
X1025	9	980	4,5/9	400	50	1,9 & 2,6	130	189239
X1026	9	980	4,5/18	400	50	3,3 & 5,8	145	189249
X1530	10	1,500	9	400	50	-	130	189269

Mobile hoist with 800m reeler capacity X2050 - X3050

Model	Wire Rope Diameter (mm)	WLL (kg)	Forward Speed (m/min)	Voltage (V)	Frequency (Hz)	Current (A)	Weight (kg)	Product Code
X3050	14	3,000	6	400	50	5,2	550	189279
X3052	14	3,000	12	400	50	6	550	189289

Tirfor TU-H Series



The TU-H Tirfor hoists are mechanically powered by a hydraulic cylinder using an electric or petrol powerpack.

The TU-H adds flexibility to the operator particularly during extensive heavy-duty usage and movement of loads over long distances.

Areas of application: maritime, building and industry, portable and flexible for use anywhere.

The complete set consists of a hydraulic powerpack, a 3 m long hose set with quick coupling and a Tirfor hoist with frame and cylinder.

TU-16H: The 1-way system is suitable for loads up to 1600kg. It can be expanded into a 4-way system suitable for loads up to 4 x 1600kg.

TU-32H: The 1-way system is suitable for loads up to 3200kg. It can be expanded into a 4-way system suitable for loads up to 4 x 3200kg.

- Delivering safe and assured operation in any direction, either in a straight line or using diverter pulleys over an unlimited length
- Low-wear clamping jaws during demanding applications increasing the life of the wire rope
- Overload protection for safe and secure operation
- Fast and easy to install and use
- Working load can be increased by using sheave blocks
- Positioning loads with millimetre accuracy
- Secure release system

This product comes equipped with Tracinfo, an online service that simplifies the way you access product documentation. With Tracinfo, you can get instant access to manuals, certificates, and more with just a few clicks.

Model	WLL	Length (cm)	Height (cm)	Width (cm)	Lever In/Out (mm)	Weight (kg)	Code
TU-16H	1,600	788	360	185	68/119	28	398
TU-32H	3,200	1070	430	204	68/119	54,1	4748

Sets Tirfor TU H

Model	Product Code	Description
TU 16 H 1W	199249	Standard equipment supertirfor™ TU-16H, electric motor, consisting of: hydraulic power pack, 1 set of 2 hoses, fitting and cylinder support, 1 VA2 self-operating cylinder, 1 can of hydraulic oil
TU 16 H 2W	199259	Standard equipment supertirfor™ TU-16H, electric motor, consisting of: 1 hydraulic power pack, 2 sets of 2 hoses, fitting and cylinder support, 2 VA2 self-cleaning cylinders, 1 can of hydraulic oil
TU 16 H 4W	199269	Standard equipment supertirfor™ TU-16H, electric motor, consisting of: 1 hydraulic power pack, 4 sets of 2 hoses, fitting and cylinder support, 4 VA2 self-cleaning cylinders, 1 can of hydraulic oil
TU 32 H 1W	199279	Standard equipment supertirfor™ TU-32H, electric motor, consisting of: 1 hydraulic power pack, 1 set of 2 hoses, fitting and cylinder support, 1 VA3 self-cleaning cylinder, 1 can of hydraulic oil
TU 32 H 2W	199289	Standard equipment supertirfor™ TU-32H, electric motor, consisting of: 1 hydraulic power pack, 2 sets of 2 hoses, fitting and cylinder support, 2 VA3 self-cleaning cylinders, 1 can of hydraulic oil
TU 32 H 4W	199299	Standard equipment supertirfor™ TU-32H, electric motor, consisting of: 1 hydraulic power pack, 4 sets of 2 hoses, fitting and cylinder support, 4 VA3 self-cleaning cylinders, 1 can of hydraulic oil

Tirfor TU H wire ropes

Wire Rope Type	C12 - 6 strands hook	C16 - 6 strands shackle
Description	∅ wire rope - 11.5mm for TU-P/TU-H	∅ wire rope - 16.3mm for TU-P/TU-H
Length	Code	Code
1 m	493200	492200
10 m	495020	496520
20 m	495050	496540
30 m	495060	496550
40 m	495320	496570
50 m	495070	496580
60 m	495080	496590
70 m	495090	497080



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Hydraulic Power Pack

Model	Product Code
HPP 1W	8488
HPP 2W	1548
EPP 4W	1558
HPP 2W with engine & control block	4768
HPP 4W with engine & control block	4778

Hydraulic cylinder

Model	Product Code
VA2 for TU-16H	1138
VA3 for TU-32H	8678

Hydraulic Oil, 18 L

Model	Product Code
hydraulic oil, 18 l	107320

Packaging box

Model	Product Code
TU 16 H	21490
TU 32 H	21440
for hydraulic power pack	21210

Pressure hose

Model	Product Code
DN10 RH/PF1 1m	6851



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Available on request. Please enquire about delivery times of these items.

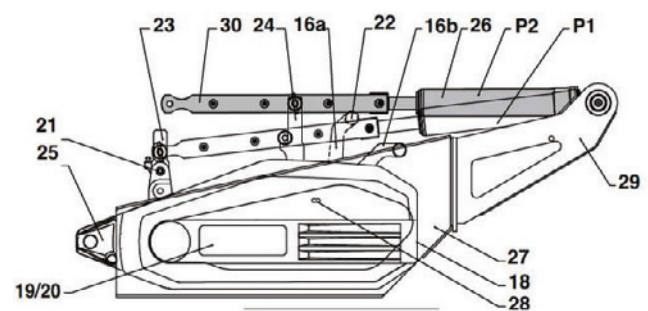
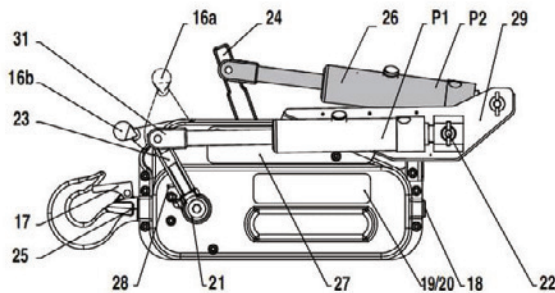
tube set Ø 10 mm

Model	Product Code
3 m	6158
4 m	56098
5 m	84828
6 m	84838
7 m	56108
8 m	56088
9 m	84848
10 m	84858
11 m	84868
12 m	84878
13 m	56118
14 m	56128

tube set Ø 13 mm

Model	Product Code
15 m	84888
16 m	84898
17 m	84908
18 m	56198
19 m	84918
20 m	84928
25 m	84968
30 m	84978
35 m	84988
40 m	84998


tirfor® TU-H parts





TU16H & TU32H equipped with ram:

- 16a: Clutch lever in CLUTCH RELEASED position (dotted lines)
- 16b: Clutch lever in CLUTCH ENGAGED position (solid lines)
- 17: Latches
- 18: Cable lead-in
- 19/20: Instruction plates
- 21: Safety pins
- 22: Spare safety pins
- 23: Forward operating lever
- 24: Reverse operating lever
- 25: Cable lead-out
- 26: Self-reciprocating ram
- P1: Position of ram in "forward operation"
- P2: Position of ram in "reverse operation"
- 27: Attachment fitting
- 28: Clutch release/engage latch
- 29: Ram bracket
- 30: Control unit
- 31: Yoke



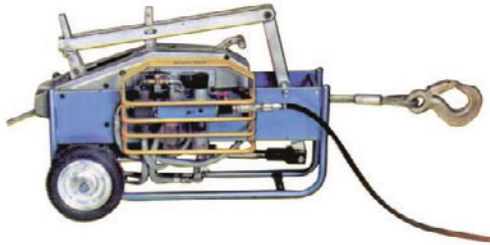
 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Tirfor TU-P Series

Pneumatic wire rope hoists





The Tirfor TU-A16 and TU-A32 can be motorized by a pneumatic system powered by an onsite or portable air supply and is operated by a standard control unit.


The Tirfor TU-A series adds flexibility to the operator particularly during extensive heavy-duty usage and movement of loads over long distances. If the air pressure is lost, the Tirfor can also be disconnected from the motorizing linkage and operated manually.

- Delivering safe and assured operation in any direction, either in a straight line or using diverter pulleys over an unlimited length
- Low-wear clamping jaws during demanding applications increasing the life of the wire rope
- Overload protection for safe and secure operation
- Fast and easy to install and use
- Working load can be increased by using sheave blocks
- Positioning loads with millimetre accuracy
- Secure release system
- Load capacity from 1600kg - 3200 kg

Model	WLL	Working Pressure Atm.	Avg. Consumption (l/min)	Forward Speed (m/min)	Reverse Speed (m/min)	Wire Rope Diameter (mm) (mm)	Length (mm)	Height (mm)	Width (kg)	Weight
TU-16A	1,600 kg	550	0.5	1.5	11.5	970	400	220	40	77959
TU-32A	3,200 kg	700	0.8	1.8	16.3	940	640	400	88	5909

 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Volt trac electric chain hoist

volt trac™ hoists are electric chain hoists used to lift and transfer loads.

volt trac™ is designed for permanent installation on a jib crane, underneath an overhead crane, or on motorised or non-motorised trolleys. They are suitable for handling relatively heavy objects while reducing the physical effort of the user.

With volt trac™, Tractel® is offering a new generation of electric chain hoists which are robust with FEM/ISO rating of 2m/M5 as well as an economic solution for your lifting needs.

Ergonomic modular construction allows for fast and easy maintenance with easy access to all major parts: chain guide, motor and electric components: This all adds up to low total cost of ownership for you.

In addition, Tractel® is able to provide accessories for volt trac™ which will complete your customised application.

- TuV Rheinland independent certification to all aspects of EN14492
- Modular design allowing ease of maintenance
- Oil bath lubrication for better cooling and low gear wear
- Thermal cut out and phase protection as standard
- Slipping clutch overload protection
- Reduced control voltage (24V)

Standard capacities: 250kg to 2000kg at FEM/ISO rating 2m/M5

Available on request FEM/ISO ratings can be adapted from 1Am/M4 to 5m/M8 expanding the capacity range to: 125kg to 2200kg

Electric chain hoist with 3 m lifting height, 1.80 m control cable and chain bag.

WLL	Number of Falls	Number of Speeds	Forward Speed (m/min)	Code	Options		
					add. Height	add. Cable	
					m	m	max.
250	1	1	10	280209	270917	195127	25 m
500	2	1	5	280219	270927	195127	25 m
500	1	1	8	280229	270937	195127	25 m
500	1	2	8/2	280239	270937	195127	25 m
1,000	2	1	4	280249	270947	195127	25 m
1,000	2	2	4/1	280259	270947	195127	25 m
1,000	1	1	8	280269	270957	195127	25 m
1,000	1	2	8/2	280279	270957	195127	25 m
2,000	2	1	4	280289	270967	195127	25 m
2,000	2	2	4/1	280299	270967	195127	25 m



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Accessories for Volt trac

Electric trolley 9/3 m/min

Model	Product Code
250 kg 1fall/1 speed	276517
500 kg 2falls/1 speed	276527
500 kg 1fall/1 speed	276537
1000 kg 2falls/1speed	276547
1000 kg 2 falls/ 1 speed	276557
2000 kg 2 falls/ 1 speed	276567
500 kg 1 fall/2 speeds	276577
1000 kg 2 falls/2 speeds	276587
1000 kg 1 fall/ 2 speeds	276597
2000 kg 2 falls/ 2 speeds	276607

Electric chain hoists volt trac™ are also suitable for use with the manual push and gear trolleys corso and the beam clamp corso.



Chain bags

Additional or replacement

Model	Description	Product Code
DFA1	250 kg 1 fall 13-25 m & 500 kg 2 falls 7-12 m	276617
DFA2	500 kg, 2 falls 13-18 m	276627
DFA3	500 kg, 2 falls 19-25 m, steel	276637
DTA4	500 kg, 1 fall 13-25 m, 1000 kg 2 strands 7-12 m	276647
DFB1	1000 kg, 2 falls 13-18 m	276657
DTB2	1000 kg, 2 falls 19-25 m, steel	276667
DFB3	1000 kg 1 fall 7-18 m & 2000 kg 2 falls 4-9 m	276677
DTB4	1000 kg, 1 fall 19-25 m	276687
DFC1	2000 kg 2 falls 10-15 m	276697
DFC2	2000 kg 2 falls 16-25 m	276707

Radio remote control

Model	Product Code
250 kg 1 fall	274047
500 kg 1 fall	274057
1000 kg 1 fall	274067
500 kg 2 falls	276717
1000 kg 2 falls	276727
250 kg 1 fall & trolley 1 fall	274087
500 kg 1 fall & trolley 1 fall	274097
1000 kg 1 fall & trolley 1 fall	274107
500 kg 2 falls & trolley 1 fall	276737
1000 kg 2 falls & trolley 1 fall	276747
250 kg 1 fall & trolley 2 falls	276757
500 kg 1 fall & trolley 2 falls	276767
1000 kg 1 fall & trolley 2 falls	276777
500 kg 2 falls & trolley 2 falls	276787
1000 kg 2 falls & trolley 2 falls	276797

Trolley limit switch

Model	Product Code
trolley limit switch	75257

Eye suspension for Volt trac

For removing the hook and the replacment with an eye.

Model	Product Code
250 kg, 1fall	270987
500kg, 2 falls	270997
500 kg, 1 fall	274007
1000kg, 2falls	274017
1000 kg, 1 fall	274027
2000 kg, 2 falls	274037

Extended hanger bar for electric trolley

Model	Product Code
250 kg - 1000 kg, 68 - 320 mm	108937
2000 kg 76 - 320 mm	108947

Sodenic jib crane

The Sodenic is a complete jib crane with integrated wire rope hoist. Perfect for lifting materials up to and down from a roof.

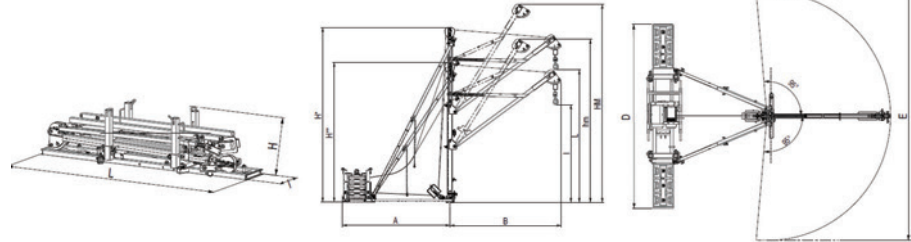
Sodenic is made of modular galvanized construction with integrated wire rope winch, making it easy to transport and assemble without specialised tools.

Due to the compact nature of the knocked down crane it can easily fit into a lift and be manipulated and assembled by two people.

- Building and industry
- Easy installation
- Modular configuration
- Fits in elevator, once disassembled
- One-man operation
- Topping and rotating

Specification:

- Galvanized steel construction
- Electric motor FEM class: 1Am/M3
- Petrol engine noise emission: 2000/14/CE
- Duty cycle: 100%
- Safety factor: 4
- Wire rope with swivel safety hook
- Sheave blocks with self-lubricating bearings
- Counterweight 750 kg (30 blocks of 25 kg each)
- Limit switches
- Topping and rotating jib
- Locking pins with safety pin
- Modular configuration
- Fits in elevator, once disassembled
- One-man operation





Model	WLL	Lifting Height (m)	Forward Speed (m/min)	Product Code
sodenic™ petrol	250	45	22	251009
sodenic™ petrol	250	60	22	251019
sodenic™ petrol	200	80	22	251029
sodenic™ electric	250	45	28	251039
sodenic™ electric	250	60	28	251049
sodenic™ electric	200	80	28	251059


Delivery includes: lifting device, wire rope winch with control system and wire rope. Excluding counterweights.

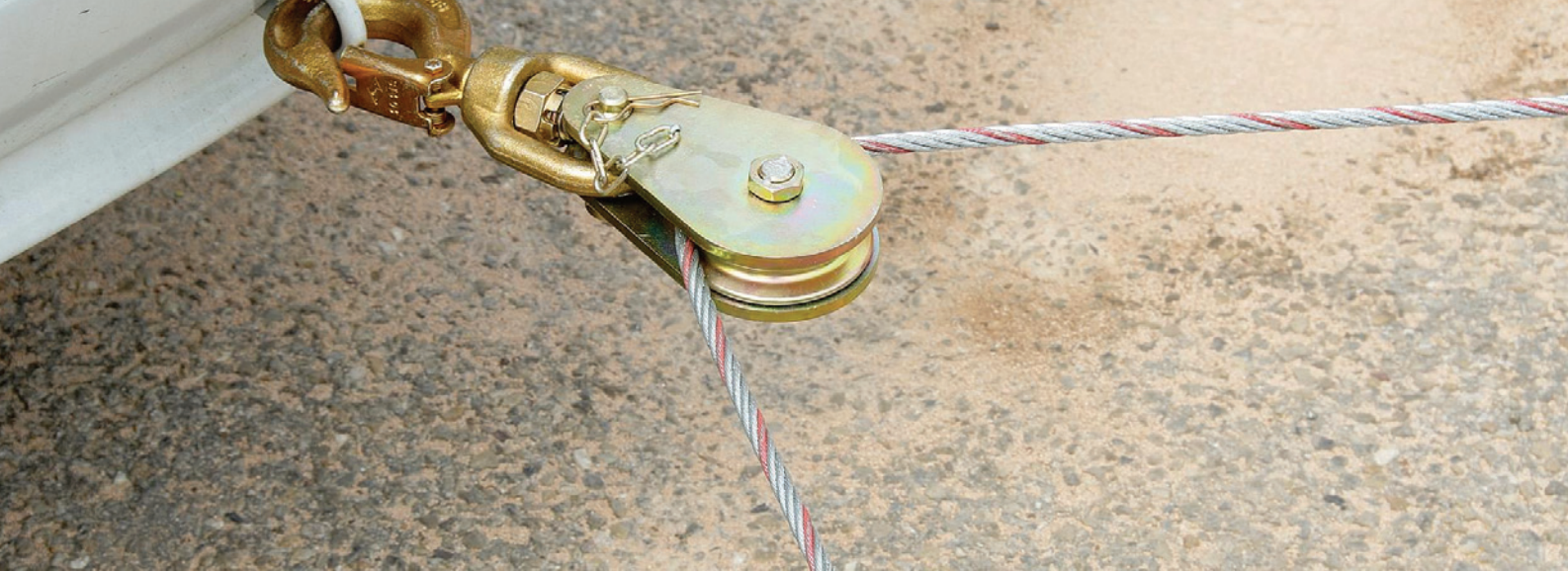
Accessories for Sodenic jib crane

Model	Product Code
wire rope 45m	38928
wire rope 60m	38938
wire rope 80m	38948
manual winch 120 kg 38m	38968
counterweight 25 kg	3378

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.



CHARLET pulleys, blocks & sheaves



CHARLET blocks

- Tractel blocks, also known as CHARLET, have been developed for all possible applications and are suitable for the most extreme ambient conditions.
- The various models are suitable for wire ropes or ropes and can be used for reeving loads. They can be used for pulling, lifting and diverting the wire rope.
- It is important to choose the right block. This choice depends on the type of application, manual or motorized drive and the rope diameter.
- We can design, produce, test and supply all possible cable blocks, crane blocks, rotablocks, hooks and sheaves (WLL 1 to 500t).
- Through customization and in-house production short delivery times can be realized.
- We are happy to help you make the right choice.

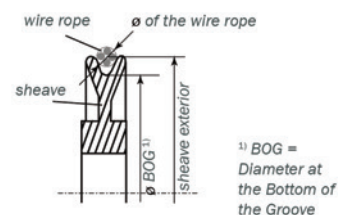


CHARLET pulleys

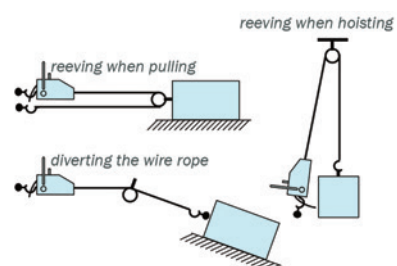
- There is a wide variety of basic versions available. Even models for man-riding applications in conformity with EN 1808 are available from stock.

Winding ratio	Reduction
6	21%
8	17%
10	14%
15	11%
20	9%

Detail of sheave



Example of application



Angle	Suspension load
0°	Hoist WLL x 2
15°	Hoist WLL x 1,98
30°	Hoist WLL x 1,95
45°	Hoist WLL x 1,85
60°	Hoist WLL x 1,73
90°	Hoist WLL x 1,41
120°	Hoist WLL x 1
150°	Hoist WLL x 0,52
180°	0



CHARLET special designs



Tractel Solutions offers a wide range of custom made sheaves
Pitch diameter (\varnothing_{dp}) = Wire rope $\varnothing \times R$

If you have any special needs, please contact us:

Tractel Solutions S.A.S.

Phone: +33 4 78 50 18 18

Email: info.tractelsolutions@tractel.com



Pulleys, Blocks and Sheaves



BG – Cast iron roller

- Long service life
- Robust
- Adaptable, rebuildable (hub)
- Zinc bichromate

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Movement Back (mm)	Weight (gr)	Product Code
CO34C11MU	34/40	9/11	100	8.2	90	83699
CO42C12MU	42/50	10/12.6	160	10.2	170	83709
CO54C17CU	54/63	15/17	250	12.3	200	83719
CO63C17CM	63/80	16/18	400	12.5	320	83729
CO80C19CM	80/100	17/19	630	19	680	83739
CO131C25MM	131/160	23/25	1,000	23	1500	83749



BH – Cast iron roller

- Long service life
- Robust
- Adaptable, rebuildable (hub)
- Zinc bichromate

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Movement Back (mm)	Weight (gr)	Product Code
CO63C17CU	63/80	15/17	400	15	300	83759
CO80C19CU	80/100	17/19	630	22	650	83769
CO131C25MU	131/160	23/25	1,250	30	1400	83779
CO161C34MU	161/200	32/34	2,000	30	2900	83789



BN – Polyamide roller

- Light
- Electrically insulated
- Corrosion resistant

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (gr)	Product Code
CO25C8PZ	25/32	6/8	63	6.3	5	83609
CO32C10PZ	32/40	8/10	100	8.3	10	83619
CO40C12PZ	40/50	10/12	160	10.3	20	83629
CO44C7PZ	44/62	5/7.5	200	12.1	30	83639
CO61C10PZ	61/76	8/10	300	12	60	83649
CO66C8PZ	66/80	6/8	300	12.2	70	83659
CO78C10PZ	78/100	6/8	300	12.2	90	83669
CO78C12PZ	78/120	10/12	300	12.2	100	83679
CO118C12PZ	118/140	10/12	300	12.2	125	83689

Pulleys, Blocks and Sheaves

BX – Sheave Axle

- Allows mounting of BG-BH-BN sheaves

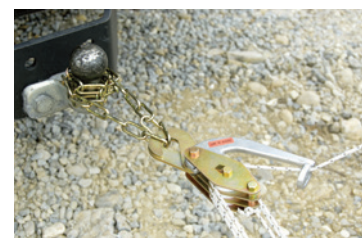
Model	Ø	Product Code
B060X	15	105439
B061X	22	105449
B062X	30	105459
B063X	30	105469
B064X	52	105479



Palanmatic

- Manual hoist with nylon rope Ø 4 mm
- Lifting on a fixed or mobile point (hoist in vertical position),
- Lifting of the towing gear (hoist in horizontal position).

Model	Description	Lifting Height (m)	WLL	Number of Sheaves	Weight (kg)	Product Code
D202A	Scissor eye hook / swivel eye hook*. 3 sheaves.	7	250	3	1.9	80009
D212A	Scissor eye hooks. 3 sheaves.	3	250	3	1.6	80039
D204A	Scissor hook / swivel eye hook*. 5 sheaves.	7	400	5	2.9	80019
D214A	Scissor eye hooks. 5 sheaves.	3	400	5	2.2	80049
D206A	Scissor eye hook / swivel eye hook*. 7 sheaves.	3	630	7	3.7	80029



DB Poulistop 2

- Efficient and light
- Rope locking system
- Corrosion resistant product
- Can be attached to scaffolding
- Safe and easy to use

Model	Description	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
D050B	Poulistop 2 with hook	150/195	18-20	50	4	192319
D051B	Poulistop 2 with scaffold bracket	150/195	18-20	50	4	192329
DC050B	Rope for Poulistop 2 - 50m	150/195	18	50	18	192339
DP050B	Bracket for scaffolding installation	-	-	50	9	192359



Pulleys, Blocks and Sheaves



DD Pulley Block

- Simple and light
- Polyvalent
- Corrosion resistant product

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
D040D	63/80	15-17	250	0.8	80139
D042D	80/100	17-19	500	1.8	80149
D046D	131/160	23-25	1,000	3.4	80159



DE Scaffold Block

- Efficient and light
- Corrosion resistant product
- Can be attached to scaffolding
- Safe and easy of use

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
D039E	156/200	22-30	40 kg	1.6	80169



DL Lyons Block

- For lifting or pulling loads
- Quick and safe installation
- Polyvalent

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Description	Number of Sheaves	Weight (kg)	Product Code
D083L	34/40	8-10	160	Sheave material: cast iron	2	0.9	80359
D086L	34/40	8-10	250	Sheave material: cast iron	3	1.3	80379
D089L	42/50	10-12	320	Sheave material: cast iron	2	1.8	80399
D092L	42/50	10-12	500	Sheave material: cast iron	3	2.4	80419
D080L	25/32	6-8	125	Sheave material: polyamide	3	0.7	80339
D082L	32/40	8-10	160	Sheave material: polyamide	2	0.9	80349
D085L	32/40	8-10	250	Sheave material: polyamide	3	1.3	80369
D088L	40/50	10-12	320	Sheave material: polyamide	2	1.8	80389
D091L	40/50	10-12	500	Sheave material: polyamide	3	2.4	80409

Pulleys, Blocks and Sheaves

BC – Sheave with short hub

- Sheaves for wire rope
- Ø from 100 to 250 mm
- A high winding ratio improves the lifetime of the wire rope
- Painted or zinc bichromated

Machined

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA86C8MUC	86/100	7/8	0.8	24	0.6	83799
CA140C11VUC	140/160	10/11.5	1.6	37	1.2	83809
CA172C15VUC	172/200	13/15	2.5	37	2.1	83819
CA212C19VUC	212/250	17/19	4	62	4.2	83829

Bronze bush

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA86C8MMC	86/100	7/8	0.8	18	0.6	83839
CA140C11VMC	140/160	10/11.5	1.6	30	1.2	83849
CA172C15VMC	172/200	13/15	2.5	30	2.1	83859
CA212C19VMC	212/250	17/19	4	52	4.2	83869



BL – Sheave with long hub

- Three ranges available (machined, on bronze bushings or bearings)
- Bichromate

Machined

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA140C11VUL	140/160	10/11.5	2	37	1.3	104009
CA172C15VUL	172/200	13/15	3.2	37	2.2	104019

Bronze bush

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA140C11VML	140/160	10/11.5	2	30	1.3	104039
CA172C15VML	172/200	13/15	3.2	30	2.2	104049

Bearings

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA145C7CBL	145/170	6/7	1.5	25	2.4	104069
CA140C11VAL	140/160	10/11.5	2	30	1.3	104079
CA171C9CBL	171/195	8/9	3	35	3.3	104089
CA205C11CBL	205/240	10/11	4	45	5.7	104099
CA260C14CBL	260/300	12/14	6	60	11	104109
CA172C15VAL	172/200	13/15	3.2	30	2.2	104119
CA325C17CBL	325/375	15/17	8	80	27	104129



Pulleys, Blocks and Sheaves



BE - Flared sheave

- Sheaves for wire rope
- Ø from 63 to 255 mm
- A high winding ratio improves the lifetime of the wire rope
- Zinc bichromated

Unmachined

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA60C5CZ	60/80	4/5	0.63	0	0.32	104149
CA80C9CZ	80/100	8/9	1.25	18	0.65	104159
CA120C11CZ	120/150	10/11.5	2	27	1.4	104169
CA160C15CZ	160/200	13/15	3.2	24	3	104179

Machined


Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA53C5CU	53/63	4/5	0.32	12.2	0.2	104189
CA60C5CU	60/80	4/5	0.63	15	0.32	104199
CA80C9CU	80/100	8/9	1.25	22	0.65	104209
CA120C11CU	120/150	10/11.5	2	30	1.4	104219
CA160C15CU	160/200	13/15	3.2	30	3	104239
CA210C18CU	210/255	16/18	5	60	4.6	104259


Bronze bush


Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA80C9CM	80/100	8/9	1.25	22	0.65	104269
CA132C12VM	132/160	10/12	2	30	1.4	104279
CA160C15VM	160/200	13/15	3.2	30	3	104289
CA210C18CM	210/255	16/18	5	52	4.6	104299

Bearings

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA80C9CA	80/100	8/9	1.25	22	0.65	104309
CA132C12VA	132/160	10/12	2	30	1.4	104319
CA160C15VA	160/200	13/15	3.2	30	3	104329
CA210C18CO	210/255	16/18	5	25	4.6	104339

 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Pulleys, Blocks and Sheaves

BD - Sheave for public works

- Sheaves for wire rope
- Ø from 112 to 255 mm
- A high winding ratio improves the lifetime of the wire rope
- Zinc bichromated

Machined

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA100C4MU	100/112	4/4.5	0.5	37	0.5	83879
CA140C6VU	140/160	5.5/6.3	1	37	1.2	83889
CA200C9VU	200/224	8/9.5	2	52	2.1	83899

Bronze bush

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA140C6VM	140/160	5.5/6.3	1	30	1.2	83909

Bearings

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Ø	Weight (kg)	Product Code
CA100C4MB	100/112	4./4.5	0.5	12	0.5	83929
CA140C6VB	140/160	5.5/6.3	1	12	1.2	83939
CA200C9VB	200/224	8./9.5	2	20	2.1	83949
CA220C10CB	220/255	9/10	2	30	7.6	83959



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Pulleys, Blocks and Sheaves



CSB - Sheave with ball bearings

- Sheave with ball bearings
- Electrogalvanised

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	A	Ø	Weight (kg)	Product Code
CSB012	133/150	6/7	1.6	6205-2RS	25	1.75	104359
CSB014	125/150	7.5/8	1.6	6205-2RS	25	1.75	105639
CSB022	152/175	7/8	2	6206-2RS	30	2.7	104389
CSB024	150/178	9/10	2	6206-2RS	30	2.7	105649
CSB032	172/200	8/9	2.5	6207-2RS	35	4.1	104419
CSB034	165/200	10/11	2.5	6207-2RS	35	4.1	105659
CSB042	180/210	9/10	3.2	6208-2RS	40	5.1	104449
CSB044	180/210	11/12	3.2	6208-2RS	40	5.1	105669
CSB052	200/235	10/11	4	6210-2RS	50	6.9	104479
CSB054	195/235	12/13	4	6210-2RS	50	6.9	105679
CSB062	228/270	11/12	6.3	6212-2RS	60	10.2	104509
CSB064	225/270	13/14	6.3	6212-2RS	60	10.2	105689
CSB072	257/297	12/13	6.3	6212-2RS	60	12.3	104539
CSB074	257/297	14/15	6.3	6212-2RS	60	12.3	105699
CSB082	280/330	13/14	10	6216-2RS	80	21.1	104569
CSB084	280/330	15/16	10	6216-2RS	80	23.1	105709
CSB092	320/375	15/16	10	6216-2RS	80	24.5	104599
CSB094	306/370	17/18	10	6216-2RS	80	24.5	105719
CSB102	355/425	17/18	12.5	6218-2RS	90	34	104629
CSB104	355/425	19/20	12.5	6218-2RS	90	34	105729
CSB112	400/470	19/20	16	6220-2RS	100	45	104659
CSB114	400/470	22/24	16	6220-2RS	100	45	105739
CSB122	440/510	20/22	20	6222-2RS	110	65	105759
CSB124	430/510	24/26	20	6222-2RS	110	65	105779
CSB132	500/570	22/24	20	6224-2Z	120	115	105799
CSB142	550/630	24/26	25	6226-2Z	130	140	105829



EC Snatch Block

- Easy installation and low weight
- Multiple lashing possibilities: shackles, pins, chains, hooks, slings
- Occasional installations

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
EC1.6-100E9	80/100	8-9	1,600	2.2	80689
EC3.2-160E12	132/160	10-12	3,200	4.8	80699
EC5-200E15	160/200	13-15	5,000	9.3	80709
EC8-250E18	210/250	16-18	8,000	19.4	80719

Pulleys, Blocks and Sheaves

ED - Snatch pulley with wire rope guide flanges

- Cable guide flanges to prevent derailment
- Easy installation

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
E162D	140/160	10/11.5	1.25	5.2	80729
E172D	172/200	13/15	2	9.3	80769



EG - Light duty pulley for wire rope

- Intended for slow use
- Allows lifting or deflecting without height or distance limits
- Equipped with cast iron sheave

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
E140G	60/80	4/5	0.32	1.6	80809
E144G	80/100	8/9	0.63	2.5	80829
E146G	80/100	8/9	0.63	2.5	80849



ES Cargo Block

- Simple yoke pulley for wire-rope
- For slow applications
- Lifting or wire-rope deviation without limit on use height or distance
- Ensures good positioning

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
E110S	60/80	4-5	320	0.9	81329
E112S	80/100	8-9	630	1.8	81339
E120S	132/160	10-11.5	1,200	3.4	81359



● Order products on day 1, will be shipped no later than day 2.

● Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

○ Available on request. Please enquire about delivery times of these items.

Pulleys, Blocks and Sheaves



EH Snatch Block

- Snatch blocks for wire rope cables
- Zinc bichromated coating

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
E303H	80/100	8-9	1,000	3	80869
E347H	275/336	21-23	8,000	34	80949
E480H	275/336	14-16.3	6,400	34	81009
E333H	210/250	16-18	5,000	22	80929
E490H	160/200	13-15	5,000	17	81029
E470H*	160/200	10-11.5	3,200	18	80989
E323H	160/200	13-15	3,200	18	80909
E313H	132/160	10-12	2,000	8.5	80889
E460H*	132/160	7.5-8.3	1,600	7	80969
E305H	80/100	8-9	1,000	3	105489



EGZ Snatch blocks for wire rope cables

- Zinc bichromated coating
- Designed for temporary lifting or cable traction installations requiring quick installation and/or removal of the pulley

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
E303GZ	80/100	8/9	1,000	3	101829
E305GZ	80/100	8/9	1,000	3	252119
E460GZ	132/160	7.5/8.3	2,400	7	101839
E313GZ	132/160	10/12	2,000	8.5	105629
E470GZ	160/200	10/11.5	4,800	15.5	101849
E323GZ	160/200	13/15	3,200	15.5	192859
E490GZ	160/200	13/15	5,000	17	192869
E333GZ	210/250	16/18	5,000	22	192879
E480GZ	275/336	14/16.3	6,400	34	101859
E347GZ	275/336	21/23	8,000	34	192889



EJ - Pulley for wire rope

- Zinc bichromated coating
- Removable axle for easy sheave change and cable assembly

Model	WLL	Wire Rope Diameter (mm)	Sheave Diameter (mm)	Weight (kg)	Description	Product Code
E125J	1	8/9	80/100	1,9	Without hook / not dismantable	81049
E126J	0.63	8/9	80/100	2,6	With hook / dismantable	81059
E136J	1.25	10/11.5	132/160	5	With hook / dismantable	81099

Pulleys, Blocks and Sheaves

ELC - ELS pulleys

New light & compact 1t pulley for use in Offshore applications or along with Minifor.

The pulley is designed to be as compact as possible for use in elevator cage ceiling, to install the elevator motor.

It is designed with the same principles than an ET pulley, in order to be robust, corrosion resistant (Zn coating) and with all elements being foolproof.

It exists in two version, ELC (as shown below) and ELS with safety hook (but less compact).

Model	Description	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
ELC1-70E7	equipped with safety clasp	55	6.5/7	1,000	1.6	252209
ELS1-70E7	equipped with safety hook	55	6.5/7	1,000	1.8	252259



ELS = with safety hook



ELC = with safety clasp

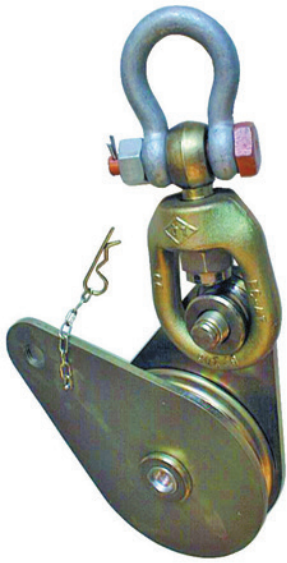
ETC Off-Shore Model Snatch Block

- Easy to set up
- Light
- Imperviousness of removable elements
- Intensive use

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
ETC2-79E10	60/79	9-10	2,000	2.7	81429
ETC5-114E14	90/114	12-14	5,000	8	81399
ETC5-165E14	140/165	12-14	5,000	10.5	81459
ETC8-142E19	112/142	17-19	8,000	15	81489
ETC8-209E19	177/209	17-19	8,000	20	81519
ETC8-262E19	221/262	17-19	8,000	25	81549
ETC8-326E23	275/326	20-23	8,000	29	81579
ETC12-145E23	112/145	20-23	12,500	30	81609
ETC12-216E23	174/216	20-23	12,500	35	81669
ETC12-216E29	174/216	26-29	12,500	35	81639
ETC15-262E23	221/262	20-23	15,000	38	81699
ETC15-326E23	275/326	20-23	15,000	45	81759
ETC15-420E23	355/420	20-23	15,000	65	81819
ETC20-216E29	174/216	26-29	20,000	39	81729
ETC20-268E38	224/268	35-38	20,000	56	81789
ETC20-410E38	349/410	35-38	20,000	70	81849
ETC25-262E29	221/262	26-29	25,000	62	81879
ETC25-326E29	270/326	26-29	25,000	85	81939
ETC32-334E46	270/334	42-46	32,000	95	81909
ETC32-518E46	443/518	42-46	32,000	135	81969



Pulleys, Blocks and Sheaves



ETM Off-Shore Model Snatch Block

- Easy to set up
- Light
- Imperviousness of removable elements

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
ETM2-79E10	60/79	9-10	2,000	2.7	81439
ETM5-114E14	90/114	12-14	5,000	8	81409
ETM5-165E14	140/165	12-14	5,000	10.5	81469
ETM8-142E19	112/142	17-19	8,000	15	81499
ETM8-209E19	177/209	17-19	8,000	20	81529
ETM8-262E19	221/262	17-19	8,000	25	81559
ETM8-326E23	275/326	20-23	8,000	29	81589
ETM12-145E23	112/145	20-23	12,500	30	81619
ETM12-216E23	174/216	20-23	12,500	35	81679
ETM12-216E29	174/216	26-29	12,500	35	81649
ETM15-262E23	221/262	20-23	15,000	38	81709
ETM15-326E23	275/326	20-23	15,000	45	81769
ETM15-420E23	355/420	20-23	15,000	65	81829
ETM20-216E29	174/216	26-29	20,000	39	81739
ETM20-268E38	224/268	35-38	20,000	56	81799
ETM20-410E38	349/410	35-38	20,000	70	81859
ETM25-262E29	221/262	26-29	25,000	62	81889
ETM25-326E29	270/326	26-29	25,000	85	81949
ETM32-334E46	270/334	42-46	32,000	95	81919
ETM32-518E46	443/518	42-46	32,000	135	81979



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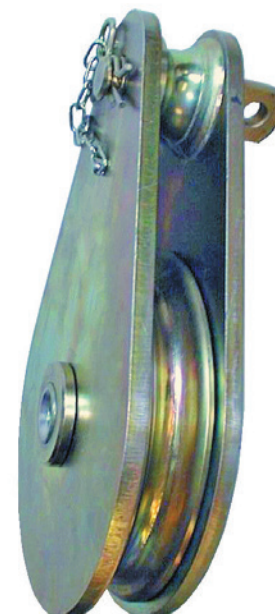
Available on request. Please enquire about delivery times of these items.

Pulleys, Blocks and Sheaves

ETA Off-Shore Model Snatch Block

- Easy to set up
- Light
- Imperviousness of removable elements

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
ETA 2-79E10	60/79	9-10	2,000	1.6	81449
ETA5-114E14	90/114	12-14	5,000	4.5	81419
ETA5-165E14	140/165	12-14	5,000	7	81479
ETA8-142E19	112/142	17-19	8,000	8.5	81509
ETA8-209E19	177/209	17-19	8,000	13.5	81539
ETA8-262E19	221/262	17-19	8,000	18	81569
ETA8-326E23	275/326	20-23	8,000	23	81599
ETA12-145E23	112/145	20-23	12,500	24	81629
ETA12-216E23	174/216	20-23	12,500	28	81689
ETA12-216E29	174/216	26-29	12,500	28	81659
ETA15-262E23	221/262	20-23	15,000	30	81719
ETA15-326E23	275/326	20-23	15,000	36	81779
ETA15-420E23	355/420	20-23	15,000	52	81839
ETA20-216E29	174/216	26-29	20,000	31	81749
ETA20-268E38	224/268	35-38	20,000	45	81809
ETA20-410E38	349/410	35-38	20,000	56	81869
ETA25-262E29	221/262	26-29	25,000	48	81899
ETA25-326E29	270/326	26-29	25,000	63	81959
ETA32-334E46	270/334	42-46	32,000	70	81929
ETA32-518E46	443/518	42-46	32,000	100	81989



FM - Wire Rope Blocks

- Non opening block for wire-rope
- This is the essential tool for tiffors and other pulling equipments
- Other models and dimensions on request

Model	WLL	Wire Rope Diameter (mm)	Sheave Diameter (mm)	Number of Sheaves	Weight (kg)	Description	Product Code
F003M	1.25	7/8	86/100	2	5	With hook - 2 sheaves	82289
F013M	3.2	10/11.5	140/160	2	12.5	With hook - 2 sheaves	82329
F023M	5	13/15	172/200	2	18	With hook - 2 sheaves	82369
F073M	5	10/11.5	140/160	3	16	With hook - 3 sheaves	82449



Pulleys

EP Blocks for Man-Riding Applications



EPA



EPC



EPE



EPF



EPL

Security:

- Pulleys conform to FEM87 and EN 1808 standard
- Finger protection system
- End stop

Ease of use:

- The special geometry of the "chicane" stop, developed by Tractel, allows quick and easy insertion of the cable without tools.

Lightweight:

- The lightweight flanges and the polyamide sheave make it light and easy to install.

Versatility:

- EP sheaves can be used for lifting material as well as people with the same maximum working load.

Compatibility:

- EP pulleys are compatible with our tirfor® and tirak™ hoist ranges.

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
EPA1.6-8/9	172/198	8-9	1,600	2.9	192789
EPA2.4-10/12	196/219.5	10-12	2,400	5	192819
EPA4.8-14/16	277.4/310.7	14-16	4,800	12.2	192849
EPC1.6-8-9	172/198	8-9	1,600	3.7	192769
EPC2.4-10/12	196/219.5	10-11,5	2,400	6.4	192799
EPC4.8-14/16	277.4/310.7	14-16	4,800	14.8	192829
EPE1.6-8/9	172/198	8-9	1,600	3.7	192899
EPE2.4-10/12	196/219.5	10-12	2,400	6.4	192919
EPE4.8-14/16	277.4/310.7	14-16	4,800	14.8	192939
EPF1.6-8/9	172/198	8-9	1,600	3.5	192779
EPF2.4-10/12	196/219.5	10-12	2,400	5.9	192809
EPF4.8-14/16	277.4/310.7	14-16	4,800	14.1	192839
EPL1.6-8/9	172/198	8-9	1,600	3.5	192909
EPL2.4-10/12	196/219.5	10-12	2,400	5.9	192929
EPL4.8-14/16	277.4/310.7	14-16	4,800	14.1	192949

Accessories for EP Blocks

Model	Description	Product Code
EP-MCP	Option remote installation	192969
EPBFC	Option limit detection stop	192959



EP III Blocks for Man-Riding Applications

Versatility

- EP sheaves can be used for both material lifting and man-riding with the same maximum working load.

Safety

- Pulleys in accordance with FEM87 and EN 1808
- Finger protection system
- Limit stop

Ease of use

- The particular geometry of the limit stop, developed by Tractel, allows a simple and quick insertion of the wire rope without tools.

Lightness

- The lightened flanges and the polyamide sheave make it light and easy to install.

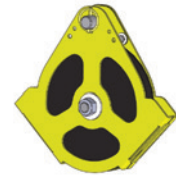
Compatibility

- EP pulleys are compatible with our Tirfor and Tirak winch ranges for both material and man-riding applications.

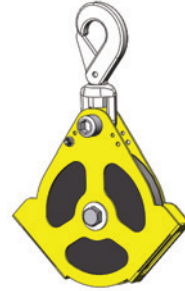
Applications

- These pulleys are mainly designed for temporary cable lifting or pulling applications, when quick installation and/or removal of the pulley is necessary.
- They can be fixed to a mobile or fixed anchorage point having the required WLL.

Model	Sheave Diameter (mm)	Wire Rope Diameter (mm)	WLL	Weight (kg)	Product Code
EPA1.6-8/9 III	171/198	8-9	1.6 t	2.6	252739
EPA2.4-10/12 III	196/228.5	10-11.5	2.4 t	4.9	252789
EPA4.8-14/16 III	277.5/323.5	14-16.3	4.8 t	11.7	252839
EPC1.6-8-9 III	171/198	8-9	1.6 t	3.4	252699
EPC2.4-10/12 III	196/228.5	10-11.5	2.4 t	6.3	252749
EPC5-14/16 III	277.5/323.5	14-16.3	4.8 t	14.3	252799
EPE1.6-8/9 III	171/198	8-9	1.6 t	3.4	252709
EPE2.4-10/12 III	196/228.5	10-11.5	2.4 t	6.3	252759
EPE5-14/16 III	277.5/323.5	14-16.3	4.8 t	14.3	252809
EPF1.6-8/9 III	171/198	8-9	1.6 t	3.2	252719
EPF2.4-10/12 III	196/228.5	10-11.5	2.4 t	5.8	252769
EPF5-14/16 III	277.5/323.5	14-16.3	4.8 t	13.6	252819
EPL1.6-8/9 III	171/198	8-9	1.6 t	3.2	252729
EPL2.4-10/12 III	196/228.5	10-11.5	2.4 t	5.9	252779
EPL5-14/16 III	277.5/323.5	14-16.3	4.8 t	13.6	252829



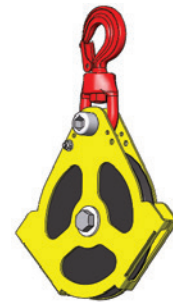
EPA



EPC



EPE



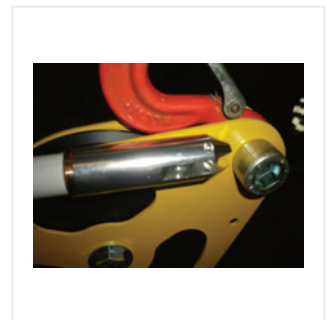
EPF



EPL

Accessories for EP Blocks

Model	Description	Product Code
EP-MCP	Option remote installation	192969
EPBFC	Option limit detection stop	192959



Suspensions



CE – Swivel hook with safety catch

Model	WLL	Max. Opening (mm)	Weight (kg)	Product Code
C120E	0.8	19	0.5	104979
C121E	1	22	0.9	104989
C125E	1.5	22	0.9	104999
C126E	2.5	22	1.4	105009
C127E	3.2	25	1.7	105019
C128E	5.4	31	3.3	105029
C134E	8	41	6.8	105039
C135E	11	47	10	105049
C136E	16	53	15	105059
C137E	22	75	26	105069



CJ – Eye hook with safety catch

- Eye hook with safety catch
- Stamped hook
- Mainly fitted on sling or rope

Model	WLL	Max. Opening (mm)	Weight (kg)	Product Code
C091J	0.8	19	0.3	105079
C092J	1	19	0.45	105089
C101J	1.25	19	0.3	105109
C093J	1.6	24	0.6	105099
C102J	1.6	19	0.45	105119
C103J	2.5	24	0.6	105129
C104J	3.2	25	0.9	105139
C105J	5.4	30	1.6	105149
C106J	8	38	3.5	105159



TOPAL



TOPAL RANGE

Tractel offers a complete range of lifting accessories (clamps, beams, etc.) to facilitate safe lifting and movement of materials.

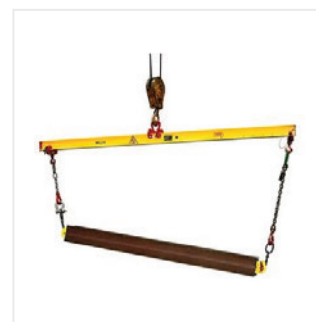
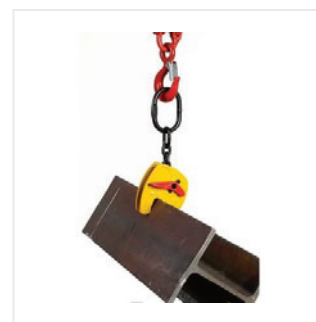
STANDARD PRODUCTS

All standard products exceed the highest safety requirements and are designed from a user's point of view: versatile, robust, simple and suitable for use in building, industry, maritime, on-shore, off-shore, etc. All products are available from stock.

SPECIAL SOLUTIONS

The specialists from the Solutions department design, produce and test a wide variety of special products with a capacity up to 500 t and beyond, in accordance with customer requirements. Special products are: Crane blocks, Rotablocks, lifting beams, wire rope blocks, C-hooks, directional blocks, sheaves, swivels, etc.

All our products are CE & UKCA conform.
They are all delivered with instruction manual + CE/UKCA certificate





TOPAL special designs



Tractel Solutions SAS manufactures on request a wide range of lifting clamps, either derived standard clamps or designed for a special application.

From a simple polyurethane coating on an existing clamp up to a completely new design.

Please note: WLL are per unit, not per application.

If you have any special needs, please contact us:

Tractel UK

Phone: 0114 248 2266

Email: sales.uk@tractel.com



Construction clamps

BX Kerbstone Clamps

- Easy to transport
- Easy to handle
- Great adherence without marking the load.
- Minimised damage risk

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
BX12 1000	120	1 000	9	54008
BX02 120-130	200	120-300	10	50028



RB Lifting Clamp For Concrete Pipe Sections or Manholes

- Hooks for lifting circular or rectangular concrete manholes
- Manufactured without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	Description	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
RB1.5 40-110	Lifting clamp	500	40-110	9	50728
RBE 1500	Chain 3-hooks, l=1,500 mm for 3 RB clamps	1,500	-	4.9	50738
RBE 1	2-Leg sling RB1.5 HOOKS	1,000	-	2.7	52468
RB1.5 E-3	-	1,500	-	31	54068
RB1.5 E-2	-	1,000	-	21	54078



Construction clamps

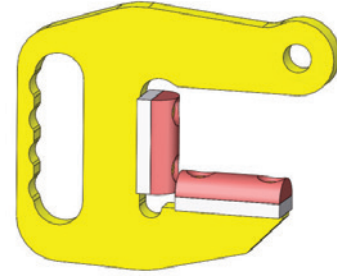
F lifting hook for pipe sections



F Hook



F Hook PVC version



F Hook PU version

- Lifting of horizontal pipes or tubes
- Large capacity hooks
- Quick and easy to use
- Coating possible
- Capacity from 1 to 15 t/pair

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
F2 0-60	1,000	0-60	2	189028
F5 0-75	2,500	0-75	5	189038
F7.5 0-100	3,750	0-100	7.5	185958
F10 - 0-100	5,000	0-100	15	189048
F15 0-100	7,500	0-100	20	189058

F lifting hook PVC version

for sensitive goods to avoid marking of the surface

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
F2-0-60/IIPVC	1,000	0-60	2	185968
F5-0-75/IIPVC	2,500	0-75	5	185978
F7.5-0-100/IIPVC	3,750	0-100	7.5	185988
F10-0-100/IIPVC	5,000	0-100	15	185998
F15-0-100/IIPVC	7,500	0-100	20	189008

F lifting hook PU version

for goods with more stable surface to avoid marking

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
F2-0-45/IIPU	1,000	0-45	2	189078
F5-0-55/IIPU	2,500	0-55	5	189088
F7.5-0-90/IIPU	3,750	0-90	7.5	189098
F10-0-90/IIPU	5,000	0-90	15	189108
F15-0-90/IIPU	7,500	0-90	20	189118



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Construction clamps

2-legged chain sling with shackles for F hooks

Slings 2 x F2 / < 2000 kg

Model	Jaw Opening (mm)	Product Code
E2W04000HR/1000	1 400	191808
E2W04000HR/2000	2 800	191818
E2W04000HR/3000	4 200	191828
E2W04000HR/4000	5 600	191838
E2W04000HR/5000	7 000	191848

Slings 2 x F5 / < 5000 kg

Model	Jaw Opening (mm)	Product Code
E2W06700HR/1000	1 400	192158
E2W06700HR/2000	2 800	192168
E2W06700HR/3000	4 200	192178
E2W06700HR/4000	5 600	192188
E2W06700HR/5000	7 000	192198

Slings 2 x F7.5 / < 10000 kg

Model	Jaw Opening (mm)	Product Code
E2W11500HR/1000	1 400	192258
E2W11500HR/2000	2 800	192268
E2W11500HR/3000	4 200	192278
E2W11500HR/4000	5 600	192288
E2W11500HR/5000	7 000	192298

Slings 2 x F10 / < 10000 kg

Model	Jaw Opening (mm)	Product Code
E2W11500HR/1000	1 400	192258
E2W11500HR/2000	2 800	192268
E2W11500HR/3000	4 200	192278
E2W11500HR/4000	5 600	192288
E2W11500HR/5000	7 000	192298

Slings 2 x F15 / < 15000 kg

Model	Jaw Opening (mm)	Product Code
E2W17000HR/1000	1 400	192308
E2W17000HR/2000	2 800	192318
E2W17000HR/3000	4 200	192328
E2W17000HR/4000	5 600	192338
E2W17000HR/5000	7 000	192348



Order products on day 1, will be shipped no later than day 2.

Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

Available on request. Please enquire about delivery times of these items.

Construction clamps

TB Lifting Hook For Pipe Sections

- Quick and easy to use
- Coating possible
- Capacity from 1 to 15 t/pair

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
TB1 0-150	500	0-150	4	50798
TB2 0-200	1,000	0-200	9	50808
TB3 0-250	1,500	0-250	15	50818
TB1 0-125-PU	500	0-125	4	189128
TB2 0-175-PU	1,000	0-175	9	189138
TB3 0-225-PU	1,500	0-225	15	189148

2-legged chain sling with shackles for TB hooks

Slings 2 x TB1/ < 1000 kg

Model	Jaw Opening (mm)	Product Code
E2W01600HR/1000	1 400	191708
E2W01600HR/2000	2 800	191718
E2W01600HR/3000	4 200	191728
E2W01600HR/4000	5 600	191738
E2W01600HR/5000	7 000	191748

Slings 2 x TB2/ < 2000 kg

Model	Jaw Opening (mm)	Product Code
E2W04000HR/1000	1 400	191808
E2W04000HR/2000	2 800	191818
E2W04000HR/3000	4 200	191828
E2W04000HR/4000	5 600	191838
E2W04000HR/5000	7 000	191848

Slings 2 x TB3/ < 3000 kg

Model	Jaw Opening (mm)	Product Code
E2W04100HR/1000	1 400	191858
E2W04100HR/2000	2 800	191868
E2W04100HR/3000	4 200	191878
E2W04100HR/4000	5 600	191888
E2W04100HR/5000	7 000	191898



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Construction clamps

TI - Lifting Clamp For Round Materials and Pipe Sections

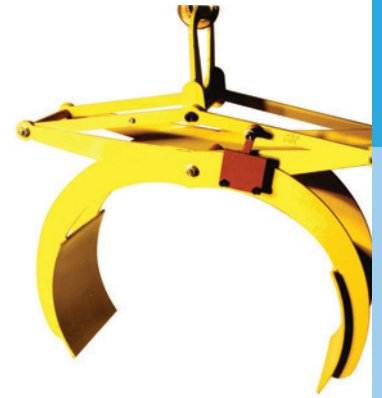
- Clamps for lifting & laying horizontal pipes in trenches
- Transport and/ or laying in trenches of pipes, bars, tubes...
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)
- Chloroprene coating for sensitive goods to avoid marking of the surface

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
TIA05 230-400	500	230-400	37	50948
TIS05 230-400	500	230-400	35	50938
TIA1 450-900	1,000	450-900	64	50988
TIS1 450-900	1,000	450-900	64	50978
TIA05 380-650	500	380-650	39	50968
TIS05 380-650	500	380-650	39	50958
TIA 380-650 CR	500	380-650	39	189188
TIS 380-650 CR	500	380-650	39	189178
TIA 230-400 CR	500	230-400	37	189168
TIS 230-400 CR	500	230-400	35	189158
TIA1 450-900 CR	1,000	450-900	64	189208
TIS1 450-900 CR	1,000	450-900	64	189198

S = Automatic laying down

A = Automatic clamping and laying down

CR = Chloroprene coating



Order products on day 1, will be shipped no later than day 2,



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Vertical plate clamps



KF clamp

- Vertical lifting
- Handling of unit steel loads
- Spring safety system
- Hardness 300 HB

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
KF 1 0-22	1,000	0-22	3.8	189418
KF 2 0-30	2,000	0-30	6.3	189428
KF 3 0-35	3,000	0-35	9.6	189438
KF 5 0-50	5,000	0-50	19	189448



KT clamp

- Lifting and tilting, vertical to horizontal
- Handling of unit steel loads
- Spring safety system
- Hardness 300 HB

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
KT 0.5 0-15	500	0-15	2	189918
KT 1 0-20	1,000	0-20	4.5	189928
KT 2 0-25	2,000	0-25	7.3	189938
KT 3 0-30	3,000	0-30	15	189948
KT 5 0-50	5,000	0-50	21.6	189958
KT 8 45-80	8,000	45-80	38.3	189968

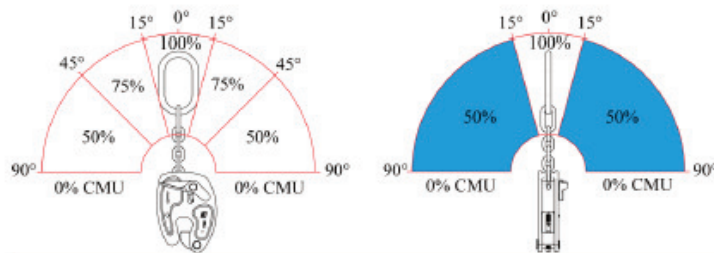


Vertical plate clamps

KS - Multi-Position Lifting Clamp

- Horizontal and vertical use
- Manual release
- One-sided mark
- Spare parts kits available.
- Safety coefficient according to EN 13155
- Pliers tested individually before delivery
- Hot epoxy coating
- Hardness up to 300 HB

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
KS075 0-15	750	0-15	1.55	50238
KS1 0-20	1,000	0-20	3.5	50248
KS2 0-25	2,000	0-25	6.26	50258
KS3 0-30	3,000	0-30	12.1	50268



		LIFTING	TURNING
VERTICAL PLATE	ONE CLAMP	 WLL at 100% +/- 15° around the vertical	 WLL reduced with 50%
	2 CLAMPS WITHOUT LIFTING BEAM	 WLL reduced with 50% if lifting angle exceeds 30°	
HORIZONTAL PLATE	ONE CLAMP		 WLL reduced with 50%
	2 CLAMPS WITH LIFTING BEAM	 WLL reduced with 50%	
	2 CLAMPS WITHOUT LIFTING BEAM		

Vertical plate clamps



NK - Automatic Lifting Clamp

- Horizontal and vertical use
- Closes automatically
- Manual release
- Hot epoxy coating
- Hardness up to 330 HB

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
NK1 0-20	1,500	0-20	4	50288
NK1 20-40	1,500	20-40	6	50298
NK1 40-60	1,500	40-60	6	50308
NK2 0-30	3,000	0-30	13	50318
NK2 30-60	3,000	30-60	15	50328
NK2 60-90	3,000	60-90	17	50338
NK3 0-40	4,500	0-40	25	50348
NK3 40-80	4,500	40-80	26	50358
NK3 80-120	4,500	80-120	27	50368
NK5 0-50	7,500	0-50	42	50378
NK5 50-100	7,500	50-100	50	50388
NK5 100-150	7,500	100-150	60	50398



NX - NXR Automatic Lifting Clamp

- Non-marking
- Horizontal and vertical use
- Closes automatically
- Manual release
- Hot epoxy coating

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
NX05 0-20	500	0-20	4.5	50408
NX1.5 0-30	1,500	0-30	11	50418
NXR05 0-100	500	0-100	6	50428
NXR05 20-120	500	20-120	5.8	50438
NXR05 40-140	500	40-140	6	50448



Horizontal plate magnets

magfor™ - Permanent magnet lifters

Magfor II Lifting Magnet

- Permanent magnet lifter
- Capacity up to 5t
- Very powerful
- Large lifting eye
- Robust
- Use: -20 to +80 °C

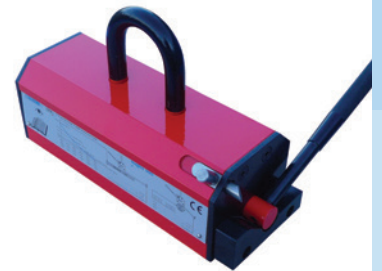
Model	W.L.L. (Plate/Flat)	W.L.L. (Round)	Weight (kg)	Product Code
magfor™ II 100	100	50	4	185438
magfor™ II 300	300	125	9.5	185448
magfor™ II 500	500	215	18	185458
magfor™ II 1000	1 000	450	41.5	185468
Magfor™ II 2000	2 000	800	113	185478
magfor™ II 3000	3 000	1 200	190	192138
magfor™ II 5000	5 000	2 400	400	192148





Magfor II HT Lifting Magnet


- Permanent magnet lifter
- High-temperature applications
- Material: ≤ +250 °C
- In accordance with EN 13155:2003 standard

Model	W.L.L. (Plate/Flat)	W.L.L. (Round)	Weight (kg)	Product Code
magfor™ II 200 HT	200	100	9.5	185518
magfor™ II 400 HT	400	200	18	185548
Magfor II 800 HT	800	400	41.5	185578



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Horizontal plate clamps

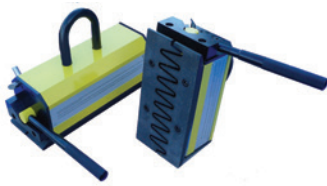
magfor™ - Permanent magnet lifters



Magfor II HO Lifting Magnet

- Permanent magnet lifter
- 4 thread holes
- Customized assembly
- In accordance with EN 13155:2003 standard

Model	W.L.L. (Plate/Flat)	W.L.L. (Round)	Weight (kg)	Product Code
magfor™ II 100 HO	100	50	4	185508
magfor™ II 300 HO	300	125	9.5	185538
Magfor II 500 HO	500	215	18	185568
magfor™ II 1000 HO	1 000	450	41.5	185588



magfor™ II TP Lifting Magnet

- Permanent magnet lifter
- Designed to separate thin plates in a bundle
- Separating thin plates
- Unique magnetic field

Model	W.L.L. (Plate/Flat)	Weight (kg)	Product Code
magfor™ II 180 TP	180	9.5	185528
magfor™ II 300 TP	300	18	185558



Magfor Auto

Battery powered permanent magnet

Magfor Auto is a permanent magnet that is activated by a motor and powered by a battery. The activation / deactivation of the magnetism can be done either automatically or by pushing a button.

Designed to lift flat or cylindrical steel parts

Two lifting magnets can be used simultaneously on one lifting beam in automatic mode

Can be used on a crane

No battery consumption during lifting. Only a short pulse of less than one second is required for magnetising and demagnetising.


A built-in safety mechanism prevents demagnetising and release of the load when it is suspended. (ADPREM safety system) The electro-permanent technology maintains the full holding force even in the event of a power failure.


Can be used in mechanical engineering, toolmaking, plant construction, shipbuilding, steelworks, cutting operations, transporters or warehouses.




Model	WLL kg (Plate/Flat)	WLL kg (Round)	Product Code
Magfor Auto 200	200	50	192208
Magfor Auto 500	500	200	192218
Magfor Auto 950	1000	400	192228
Spare battert for Magfor Auto 500 & 950	-	-	192238



 Order products on day 1, will be shipped no later than day 2.

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

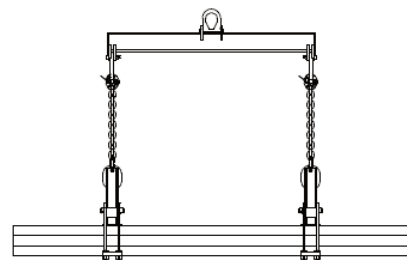
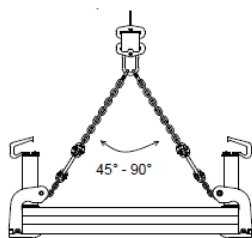
Horizontal plate clamps

TLC Lifting Clamp

- Universal clamps for lifting horizontal plates
- Lifting thin or thick loads
- Manufactured without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)
- Sling angle 45° to 90°



Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
TLC1	500	0-150	12	50998
TLC2.5	1,250	0-150	15	51008
TLC4	2,000	0-150	17	51018
TLC6	3,000	0-150	22	51028



2-legged chain sling with shackles for TB hooks

Slings 2x TLC 1 / ≤ 1000kg

Model	Jaw Opening (mm)	Product Code
E2W01600C0/1000	1 400	191008
E2W01600C0/2000	2 800	191018
E2W01600C0/3000	4 200	191028
E2W01600C0/4000	5 600	191038
E2W01600C0/5000	7 000	191048

Slings 2x TLC 2.5 / ≤ 2500kg

Model	Jaw Opening (mm)	Product Code
E2W04000C0/1000	1 400	191108
E2W04000C0/2000	2 800	191118
E2W04000C0/3000	4 200	191128
E2W04000C0/4000	5 600	191138
E2W04000C0/5000	7 000	191148

Slings 2x TLC 4 / ≤ 4000kg

Model	Jaw Opening (mm)	Product Code
E2W06300C0/1000	1 400	191208
E2W06300C0/2000	2 800	191218
E2W06300C0/3000	4 200	191228
E2W06300C0/4000	5 600	191238
E2W06300C0/5000	7 000	191248

Slings 2x TLC 6 / ≤ 6000kg

Model	Jaw Opening (mm)	Product Code
E2W06700C0/1000	1 400	191258
E2W06700C0/2000	2 800	191268
E2W06700C0/3000	4 200	191278
E2W06700C0/4000	5 600	191288
E2W06700C0/5000	7 000	191298

Horizontal plate clamps

3-legged chain sling with shackles for TB hooks

Slings 3 x TLC 1 / ≤ 1500 kg

Model	Jaw Opening (mm)	Product Code
E3W02400C0/1000	1 400	191358
E3W02400C0/2000	2 800	191368
E3W02400C0/3000	4 200	191378
E3W02400C0/4000	5 600	191388
E3W02400C0/5000	7 000	191398

Slings 3 x TLC 2.5 / < 3750 kg

Model	Jaw Opening (mm)	Product Code
E3W06000C0/1000	1 400	191458
E3W06000C0/2000	2 800	191468
E3W06000C0/3000	4 200	191478
E3W06000C0/4000	5 600	191488
E3W06000C0/5000	7 000	191498

Slings 3 x TLC 4 / < 6000 kg

Model	Jaw Opening (mm)	Product Code
E3W08500C0/1000	1 400	191558
E3W08500C0/2000	2 800	191568
E3W08500C0/3000	4 200	191578
E3W08500C0/4000	5 600	191588
E3W08500C0/5000	7 000	191598

Slings 3 x TLC 9 / < 9000 kg

Model	Jaw Opening (mm)	Product Code
E3W10700C0/1000	1 400	191608
E3W10700C0/2000	2 800	191618
E3W10700C0/3000	4 200	191628
E3W10700C0/4000	5 600	191638
E3W10700C0/5000	7 000	191648



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Horizontal plate clamps



TLR Lifting Clamp

- Adjustable clamps for horizontal plates
- Use in pairs for lifting plates or sheets, individual or in bundles
- Hot epoxy coating
- Safety factor: 3 (EN 13155)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
TLR2 0-300	1,000	0-300	9	51158
TLR3 0-300	1,500	0-300	14	51168
TLR5 0-300	2,500	0-300	22	51178
TLR10 0-300	5,000	0-300	29	51188



TLH Lifting Clamp

- Horizontal plate clamps
- Use in pairs for lifting horizontal plates or sheet metals
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
TLH1 0-60	500	0-60	3	51038
TLH1 0-120	500	0-120	5	51048
TLH2 0-60	1,000	0-60	5	51058
TLH2 0-120	1,000	0-120	8	51068
TLH3 0-60	1,500	0-60	6	51078
TLH3 0-150	1,500	0-150	13	51088
TLH4 0-60	2,000	0-60	8	51098
TLH4 0-150	2,000	0-150	17	51108
TLH5 0-60	2,500	0-60	10	51118
TLH5 0-150	2,500	0-150	21	51128
TLH10 0-60	5,000	0-60	16	51138
TLH10 0-150	5,000	0-150	31	51148
TLH1 0-40-PU	500	0-40	3	189218
TLH1 0-100-PU	500	0-100	5	189228
TLH2 0-40-PU	1,000	0-40	5	189238
TLH2 0-100-PU	1,000	0-100	8	189248
TLH3 0-40-PU	1,500	0-40	6	189258
TLH3 0-130-PU	1,500	0-130	13	189268
TLH4 0-40-PU	2,000	0-40	8	189278
TLH4 0-130-PU	2,000	0-130	17	189288
TLH5 0-40-PU	2,500	0-40	10	189298
TLH5 0-130-PU	2,500	0-130	21	189308
TLH10 0-40-PU	5,000	0-40	16	189318
TLH10 0-130-PU	5,000	0-130	31	189328

PU = polyurethane coating



Horizontal plate clamps

2-legged chain sling with shackles for TLH/TLR clamps

Sling 2 x TLH 1 / ≤ 1.000 kg

Model	Jaw Opening (mm)	Product Code
E2W01600C0/1000	1 000	191008
E2W01600C0/2000	2 000	191018
E2W01600C0/3000	3 000	191028
E2W01600C0/4000	4 000	191038
E2W01600C0/5000	5 000	191048

2 x TLH 10 / ≤ 10.000 kg

Model	Jaw Opening (mm)	Product Code
E2W11500C0/1000	1 000	191308
E2W11500C0/2000	2 000	191318
E2W11500C0/3000	3 000	191328
E2W11500C0/4000	4 000	191338
E2W11500C0/5000	5 000	191348

Slings 2x TLH 2-3 / ≤ 2.000 kg - ≤ 3.000 kg

Model	Jaw Opening (mm)	Product Code
E2W04000C0/1000	1 000	191108
E2W04000C0/2000	2 000	191118
E2W04000C0/3000	3 000	191128
E2W06300C0/4000	4 000	191138
E2W06300C0/5000	5 000	191148

Slings 2x TLH 4-5 / ≤ 4.000 kg - ≤ 5.000 kg

Model	Jaw Opening (mm)	Product Code
E2W06300C0/1000	1 000	191208
E2W06300C0/2000	2 000	191218
E2W06300C0/3000	3 000	191228
E2W06300C0/4000	4 000	191238
E2W06300C0/5000	5 000	191248

3-legged chain sling with shackles for TLH/TLR clamps

3 x TLH 1 / ≤ 1.500 kg

Model	Jaw Opening (mm)	Product Code
E3W024000C0/1000	1 000	191358
E3W024000C0/2000	2 000	191368
E3W024000C0/3000	3 000	191378
E3W024000C0/4000	4 000	191388
E3W024000C0/5000	5 000	191398

3 x TLH 10 / ≤ 15.000 kg

Model	Jaw Opening (mm)	Product Code
E3W17000C0/1000	1 000	191658
E3W17000C0/2000	2 000	191668
E3W17000C0/3000	3 000	191678
E3W17000C0/4000	4 000	191688
E3W17000C0/5000	5 000	191698

Slings 3 x TLH 2-3 / ≤ 3.000kg - ≤ 4.500kg

Model	Jaw Opening (mm)	Product Code
E3W06000C0/1000	1 000	191458
E3W06000C0/2000	2 000	191468
E3W06000C0/3000	3 000	191478
E3W06000C0/4000	4 000	191488
E3W06000C0/5000	5 000	191498

Slings 3 x TLH 4-5 / ≤ 6.000kg - ≤ 7.500kg

Model	Jaw Opening (mm)	Product Code
E3W08500C0/1000	1 000	191558
E3W08500C0/2000	2 000	191568
E3W08500C0/3000	3 000	191578
E3W08500C0/4000	4 000	191588
E3W08500C0/5000	5 000	191598

Horizontal plate hooks



QR - Double Lifting Hook

- Double hooks for lifting horizontal plates
- Use in pairs with a 4-legged sling
- Manufactured without load bearing welds
- Hot epoxy coating
- Safety factor: 3 5EN 13155.2003 norm°

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
QR3 0-300	1,500	300	18	50648
QR6 0-300	3,000	300	23	50658
QR12 0-300	6,000	300	57.5	50668



QS Single Lifting Hook

Single lifting hook for the horizontal transport of plates, bundles or construction parts. For use in configurations of 4 or more clamps. Lifting chain available upon request. Opening 300 mm, very suitable for thick plates.

Use in 4s with two 2-legged slings and lifting beam.

- Fixed model 300 mm
- Easy to use
- Hot epoxy coating

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
QS1,5 0-300	750	300	7	50678
QS3 0-300	1,500	300	10	50688
QS6 0-300	3,000	300	15	50698



QX - Double Lifting Hook

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
QX10-120	5,000	120	30	50708
QX10-210	5,000	210	38	50718



2-legged chain sling with shackles for QX hook

Slings 2x QX10 / ≤ 10000 kg

Model	Jaw Opening (mm)	Product Code
E2W11500HR/1000	1000	192258
E2W11500HR/2000	2000	192268
E2W11500HR/3000	3000	192278
E2W11500HR/3000	4000	192288
E2W11500HR/5000	5000	192298

Horizontal plate clamps

4-legged chain sling with shackles for QR hook

Slings 4 x QR3 / < 3000 kg

Model	Jaw Opening (mm)	Product Code
E4W04000HR/1000	1 000	192358
E4W04000HR/2000	2 000	192368
E4W04000HR/3000	3 000	192378
E4W04000HR/4000	4 000	192388
E4W04000HR/5000	5 000	192398

Slings 4 x QR6 / < 6000 kg

Model	Jaw Opening (mm)	Product Code
E4W6700HR/1000	1 000	192408
E4W6700HR/2000	2 000	192418
E4W6700HR/3000	3 000	192428
E4W6700HR/4000	4 000	192438
E4W6700HR/5000	5 000	192448

Slings 4 x QR12 / < 12 000 kg

Model	Jaw Opening (mm)	Product Code
E4W12900HR/1000	1 000	192458
E4W12900HR/2000	2 000	192468
E4W12900HR/3000	3 000	192478
E4W12900HR/4000	4 000	192488
E4W12900HR/5000	5 000	192498



2-legged chain sling with shackles for QS hook

Sling 2 x QS1.5 / < 1500kg

Model	Jaw Opening (mm)	Product Code
E2W01600HR/1000	1 000	191708
E2W01600HR/2000	2 000	191718
E2W01600HR/3000	3 000	191728
E2W01600HR/4000	4 000	191738
E2W01600HR/5000	5 000	191748

Sling 2 x QS3 / < 3000kg

Model	Jaw Opening (mm)	Product Code
E2W04000HR/1000	1 000	191808
E2W04000HR/2000	2 000	191818
E2W04000HR/3000	3 000	191828
E2W04000HR/4000	4 000	191838
E2W04000HR/5000	5 000	191848

Sling 2 x QS6 / < 6000kg

Model	Jaw Opening (mm)	Product Code
E2W06700HR/1000	1 000	192158
E2W06700HR/2000	2 000	192168
E2W06700HR/3000	3 000	192178
E2W06700HR/4000	4 000	192188
E2W06700HR/5000	5 000	192198



Drum Clamps



HF Drum Clamp

- Semi-automatic clamp for lifting horizontal steel drums with rim
- Manufactured without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 standard)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
HF05 440-920	500	440-920	6	50208



VDL Drum Clamp

- Lifting of steel drums with rim
- Vertical or horizontal position
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
VDL-1	1,000	150-950	3.5	54398



VLF Drum Clamp

- Clamps for lifting vertical steel drums with rim
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
VLF05 600	500	600	6.7	51268
VLF08 600	800	600	9.6	51278



Drum clamps

VFR Drum Clamp

- Semi-automatic clamps for vertical steel drum lifting
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
VFR05 5	500	400-500	12	51248
VFR05 6	500	500-600	14	51258



VFA Drum Clamp

- Lifting of steel drums
- Vertical position (with diameter 600 mm)
- Manufactured without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm.)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
VFA 025	300	600	24	51208





VFB Drum Clamp


- VFB03-S: semi-automatic release.
- VFB03-A: fully automatic locking and release.
- VFB03-AR: with reduction gear for emptying the contents of the drum accurately and effortlessly.
- Tilting the drums
- Handles for easy use
- Durable
- Clamping jaw with nitrile finish for optimal grip
- Available in 3 versions
- Hot epoxy coating

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
VFB 03 S	300	600	53	51218
VFB 03 A	300	600	54	51228
VFB 03 AR	300	600	66	51238



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Tubes and girder clamps



GP - Beam Clamp with Screw Spindle

- Beam clamp
- Provides a fixed or temporary suspension point
- Lifting of I or H profiles
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
GP1 60-180	1,000	60-180	3.6	50158
GP2 60-200	2,000	60-200	5.6	50168
GP3 60-300	3,000	60-300	8.4	50178
GP5 100-390	5,000	100-390	10.8	50188
GP10 100-390	10,000	100-390	20.5	50198



KP Lifting Clamp For Beam Profiles

Lifting clamp for lifting I or H beams or plates in a horizontal position.

Depending on the weight of the load, the clamp will only leave a mark on one side.

Automatic locking with a safety spring.

- Automatically grabs the load
- Hardness 330 HB
- Hot epoxy coating


Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
KP1 0-20	1,500	0-20	4	50218
KP2 0-30	3,000	0-30	10	50228





Topal PL - Lifting Clamp For Beam Profiles

- Semi-automatic girder clamps
- Lifting of I or H-profiled girders
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)
- Unique safety device preventing the clamp to be fully closed

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PL1 95-200	1,000	95-200	4	185328
PL2 120-300	2,000	120-300	8	185338
PL3 180-450	3,000	180-450	16	185348
PL4 120-300	4,000	120-300	14	185358

 Order products on day 1, will be shipped no later than day 2.

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 Available on request. Please enquire about delivery times of these items.

Tubes and girder clamps

PR - Lifting Clamp For Rail Profile

- Semi-automatic rail clamps
- Lifting of vignole type rails
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PR1 20-40	1,000	20-40	4	185308
PR2 40-80	2,000	40-80	9	185318
PR2A 40-80	2,000	40-80	9	185428



RT - Lifting Clamp For Round Materials and Pipe Sections

- Semi-automatic clamps for round bars & tubes
- Lifting of round or square bars, tubes...
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)
- Manufacture without load bearing welds

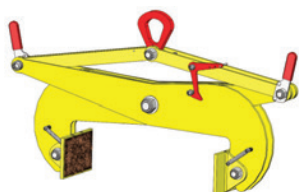
Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
RT05 50-100	500	50-100	4	185368
RT1 100-200	1,000	100-200	9	185378
RT2 200-350	2,000	200-350	28	185388
RT3 250-450	3,000	250-450	40	185398
RTA05 50-100	500	50-100	4	189798
RTA1 100-200	1,000	100-200	9	189808
RTA2 200-350	2,000	200-350	28	189818
RTA3 250-450	3,000	250-450	40	189828
RT05 50-100-TC	500	50-100	4	189338
RT1 100-200-TC	1,000	100-200	9	189348
RT2 200-350-TC	2,000	200-350	28	189358
RT3 250-450-TC	3,000	250-450	40	189368
RTA05 50-100-TC	500	50-100	4	189838
RTA1 100-200-TC	1,000	100-200	9	189848
RTA2 200-350-TC	2,000	200-350	28	189858
RTA3 250-450-TC	3,000	250-450	40	189868
RT05 50-100-CR	500	50-100	4	189378
RTA05 50-100-CR	500	50-100	4	189878
RT1 100-200-CR	1,000	100-200	9	189388
RTA1 100-200-CR	1,000	100-200	9	189888
RT2 200-350-CR	2,000	200-350	28	189398
RTA2 200-350-CR	2,000	200-350	28	189898
RT3 250-450-CR	3,000	250-450	40	189408
RTA3 250-450-CR	3,000	250-450	40	189908



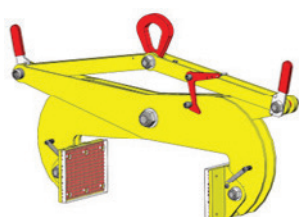
RT = Automatic release
RTA = Automatic clamping and release

TC = Curved pads
CR = Curved pads with 2 mm chloroprene coating

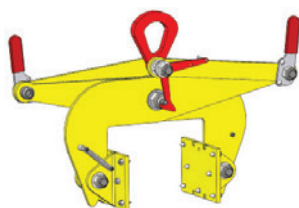
Parallel sides load clamp



with grained pads



with PU pads



with spiked pads

A = automatic one

PO = spiked

APO = automatic spiked

MG = grained

AMG = automatic grained

PU = Polyurethane coating pads

APU = Automatic one with polyurethane coating pads

PB - Block Clamp

- Semi-automatic clamps for loads with parallel sides
- Lifting without marking of products
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PB05 0-100	500	0-100	10	50458
PB05 0-100 / A	500	0-100	9	189458
PB05 100-250	500	100-250	12	50468
PB05 100-250 / A	500	100-250	18	189468
PB05 200-500	500	200-500	20	50478
PB05 200-500 / A	500	200-500	18	189478
PB1 0-200	1,000	0-200	25	50488
PB1 0-200 / A	1,000	0-200	23	189488
PB1 200-500	1,000	200-500	47	50498
PB1 200-500 / A	1,000	200-500	48	189498
PB1 500-800	1,000	500-800	71	50508
PB1 500-800 / A	1,000	500-800	71	189508
PB1 700-1000	1,000	700-1000	78	50518
PB1 700-1000 / A	1,000	700-1000	95	189518

PB - grained pads

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PB05 0-100 MG	500	0-100	10 kg	189668
PB05 0-100 AMG	500	0-100	10 kg	192068
PB05 100-250 MG	500	100-250	12	189678
PB05 100-250 AMG	500	100-250	12	192078
PB05 200-500 MG	500	200-500	19	189688
PB05 200-500 AMG	500	200-500	19	192088
PB1 0-200 MG	1,000	0-200	25	189698
PB1 0-200 AMG	1,000	0-200	25	192098
PB1 200-500 MG	1,000	200-500	48	189708
PB1 200-500 AMG	1,000	200-500	48	192108
PB1 500-800 MG	1,000	500-800	75	189718
PB1 500-800 AMG	1,000	500-800	75	192118
PB1 700-1000 MG	1,000	700-1000	99	189728
PB1 700-1000 AMG	1,000	700-1000	99	192128

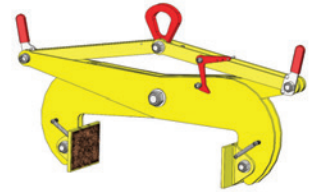
PB - spiked pads

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PB05 0-100 / PU	500	0-100	9	189528
PB05 0-100 / APU	500	0-100	9	191928
PB05 100-250 / PU	500	100-250	18	189538
PB05 100-250 / APU	500	100-250	18	191938

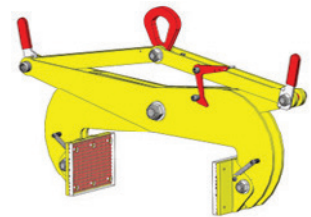
Parallel sides load clamp

PB - spiked pads

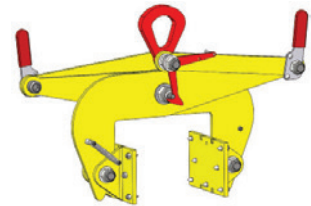
Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PB05 200-500 PO	500	200-500	18	189618
PB05 200-500 APO	500	200-500	18	192018
PB1 0-200 PO	1,000	0-200	23	189628
PB1 0-200 APO	1,000	0-200	23	192028
PB1 200-500 PO	1,000	200-500	46	189638
PB1 200-500 APO	1,000	200-500	46	192038
PB1 500-800 PO	1,000	500-800	71	189648
PB1 500-800 APO	1,000	500-800	71	192048
PB1 700-1000 PO	1,000	700-1000	95	189658
PB1 700-1000 APO	1,000	700-1000	95	192058



with grained pads



with PU pads



with spiked pads

PB - Polyurethane coating pads

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PB05 0-100 / PU	500	0-100	9	189528
PB05 0-100 / APU	500	0-100	9	191928
PB05 100-250 / PU	500	100-250	18	189538
PB05 100-250 / APU	500	100-250	18	191938
PB05 200-500 / PU	500	200-500	18	189548
PB05 200-500 / APU	500	200-500	18	191948
PB1 0-200 / PU	1,000	0-200	23	189558
PB1 0-200 / APU	1,000	0-200	23	191958
PB1 200-500 / PU	1,000	200-500	46	189568
PB1 200-500 / APU	1,000	200-500	46	191968
PB1 500-800 / PU	1,000	500-800	71	189578
PB1 500-800 / APU	1,000	500-800	71	191978
PB1 700-1000 / PU	1,000	700-1000	95	189588
PB1 700-1000 / APU	1,000	700-1000	95	191988
PB3 200-500 / PU	3,000	200-500	131	88368
PB3 200-500 / APU	3,000	200-500	130	192528
PB3 500-800 / PU	3,000	500-800	181	88378
PB3 500-800 / APU	3,000	500-800	177	192538

- A = automatic one
- PO = spiked
- AP0 = automatic spiked
- MG = grained
- AMG = automatic grained
- PU = polyurethane coating pads
- APU = Automatic one with polyurethane coating pads

PP - Block Clamp

Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
PP1 200-1000	1,000	200-1 000	41	50608
PP1-200-1000 PU	1,000	200-1 000	42	189738
PP1-200-1000 PO	1,000	200-1 000	41	189748
PP1-200-1000 MG	1,000	200-1 000	43	189758



Load Positioning



TC Load Positioning Lifting Eye

- Load positioning
- For single wire rope
- Automatic locking
- Large lifting eye
- Easy to use

Model	WLL @ 45°	WLL @ 90°	WLL @ 120°	Wire Rope Diameter (mm)	Weight (kg)	Product Code
TC2 11	2 000	1 400	7 000	11	3	50828
TC3 13	3 000	2 100	1 500	13	5	50838
TC5 18	5 000	3 500	2 500	18	10	50848



TE Load Positioning Lifting Eye

- Load positioning
- For lifting chain
- Automatic locking
- Large lifting eye
- Easy to use


Model	WLL	Wire Rope Diameter (mm)	Weight (kg)	Product Code
TE1.6-7	1,600	7	4	50858
TE3-10	3,000	10	11	50868
TE4.5-13	4,500	13	19	50878





TF Load Positioning Lifting Eye

- Load positioning
- For double wire rope
- Automatic locking
- Large lifting eye
- Easy to use

Model	WLL @ 45°	Wire Rope Diameter (mm)	Weight (kg)	Product Code
TF1.5-9	1 500	9	4	50888
TF3-13.2	3 000	13	8.5	50898
TF5-16.8	5 000	17	21.5	50908
TF10-24	10 000	24	37.5	50918
TF20-32	20 000	32	76.5	50928

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Various loads

AH - Autohook Lifting Hook

- Automatic safety hook
- Manufacture without load bearing welds
- Hot epoxy coating
- Static test coefficient : 2



Model	WLL	Jaw Opening (mm)	Weight (kg)	Product Code
AH2-32	2,000	0-38	6	185278
AH5-40	5,000	0-47.5	16	185288
AH10-40	10,000	0-55	30	185298



open position



closed position

CC - Container Lug

- Container lugs
- Lifting of containers by their standard ISO corners
- CCB: lifting with a single lifting beam and two 2-legged slings.
- CCV: lifting with a spreader frame and 4 slings.
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Weight (kg)	Product Code
CC7.5 V	7,500	4	50038
CC12.5 V	12,500	5	50048
CC7.5 B	7,500	4	50058
CC12.5 B	12,500	5	50068



CR - C-Shaped Lifting Hook For Coils

- C-hooks for lifting and turning coils
- turning or lifting over from the horizontal to the vertical position & vice versa.
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Coil Width	Weight (kg)	Product Code
CR05 50-120	500	50-120	5.5	50078
CR1 70-140	1,000	70-140	9	50088
CR2 100-200	2,000	100-200	16	50098
CR2 160-330	2,000	160-330	31	50108



open position



closed position

Various loads



PC Fork-Lift Truck Lifting Beam

- Lifting eye for fork-lift truck
- Quick and easy to install
- Unique design
- Safe to use
- Hot applied epoxy coating

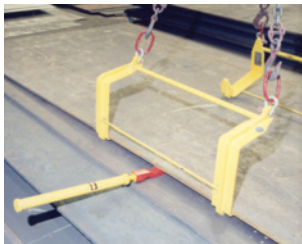
Model	WLL	Fork Width	Weight (kg)	Product Code
PC1.5 120	1,500	120	15	50528
PC3 170	3,000	170	23	50538



T0 - Lifting Hook For Cable Reels

- Universal cable drum hooks
- Cable drum lifting.
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Lifting Eye Radius	Weight (kg)	Product Code
To13	6,500	27	3	51198



LT - Bar For Separating Plates

- Lever for separating plates
- Manufacture without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	Length (cm)	Weight (kg)	Product Code
LT1-830	830-1.290	7	50278



Order products on day 1, will be shipped no later than day 2.



Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.



Available on request. Please enquire about delivery times of these items.

Lifting beams

PEM Lifting Beam with Adjustable Lifting Eyes

Range of lifting beams with fixed or adjustable load-centre distance fitted with 2 lower attachment components. Each lower attachment point allows a shackle to be attached to which lifting accessories can be fitted.



Model	WLL	Length (cm)	Product Code
PEM1-1000	1,000	1000	82308
PEM1-2000	1,000	2000	82318
PEM1-3000	1,000	3000	82328
PEM1-4000	1,000	4000	82338
PEM1-5000	1,000	5000	82348
PEM2-1000	2,000	1000	82358
PEM2-2000	2,000	2000	82368
PEM2-3000	2,000	3000	82378
PEM2-4000	2,000	4000	82388
PEM2-5000	2,000	5000	82398
PEM3-1000	3,000	1000	82408
PEM3-2000	3,000	2000	82418
PEM3-3000	3,000	3000	82428
PEM3-4000	3,000	4000	82438
PEM3-5000	3,000	5000	82448
PEM4-1000	4,000	1000	82458
PEM4-2000	4,000	2000	82468
PEM4-3000	4,000	3000	82478
PEM4-4000	4,000	4000	82488
PEM4-5000	4,000	5000	82498
PEM5-1000	5,000	1000	82508
PEM5-2000	5,000	2000	82518
PEM5-3000	5,000	3000	82528
PEM5-4000	5,000	4000	82538
PEM5-5000	5,000	5000	82548
PEM6-1000	6,000	1000	82558
PEM6-2000	6,000	2000	82568
PEM6-3000	6,000	3000	82578
PEM6-4000	6,000	4000	82588
PEM6-5000	6,000	5000	82598

PAL-Beam Lifting Beam

Range of lifting beams with fixed or adjustable load-centre fitted with 2 exclusive lower pivots allowing additional lifting applications with profile and/ or lower pivots' inclined:

A- Lifting with symmetrical or asymmetrical lower pivots, pulling sideways outside or inside (max angle 15°).

B- Lifting with profile inclined at 6° out of the horizontal line:

- vertical traction with symmetrical lower pivots
- sideways traction with asymmetrical lower pivots

PBM PAL-BEAM Lifting Beam with Adjustable Lifting Eyes



Model	WLL	Length (cm)	Weight (kg)	Product Code
PBMA1-A	1,000	1000	33	51838
PBMA1-D	1,000	2000	52	51868
PBMA1-G	1,000	3000	72	51898
PBMB1-J	1,000	4000	141	51928
PBMA2-A	2,000	1000	33	51938
PBMB2-D	2,000	2000	80	51968
PBMB2-G	2,000	3000	110	51998
PBMC2-J	2,000	4000	167	52028
PBMB3-A	3,000	1000	50	52038
PBMB3-D	3,000	2000	80	52068
PBMC3-G	3,000	3000	131	52098
PBMD3-J	3,000	4000	202	52128
PBMC4-A	4,000	1000	60	52138
PBMC4-D	4,000	2000	80	52168
PBMD4-G	4,000	3000	160	52198
PBME4-J	4,000	4000	283	52228
PBMD5-A	5,000	1000	75	52238
PBMD5-D	5,000	2000	117	52268
PBME5-G	5,000	3000	223	52298
PBME5-J	5,000	4000	283	52328


Lifting beams


XBAG Cross Lifting Beam For Big-Bags


- Lifting beam for big-bag
- Manufactured without load bearing welds
- Hot epoxy coating
- Safety factor: 3 (EN 13155.2003 norm)

Model	WLL	Load Width	Weight (kg)	Product Code
XBag 1.5	1,500	880 - 990	27	54628
XBag 2.5	2,500	880 - 990	34	54638
XBag 3.5	3,500	880 - 990	40	54648



 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Pal-Turn

The Pal-Turn has been specially developed to create a solution for the controlled turning and lifting of heavy and bulky loads. The tilt straps are rotated by 2 circulation tilt discs which are electrically driven. Suitable for applications in steel and machinery factories, civil engineering, shipyards, manufacturing industry and foundries. The use of Pal-Turn™ does not require an anchorage point on the returned load - the load is usually held in the straps. Each device allows the turning of several types of loads as long as its capacity allows it and the straps available are of an appropriate length.

- Tilting loads
- Shockproof
- Tilt disc circulation fixed or adjustable
- Available in single tilt strap version (mono)
- Electric operation
- Capacity from 0.5 ton to 100 tons

Important:

The load must keep its shape at all times during the roll-over movement.

Customized advice

Each load has unique dimensions (lxwxh), a specific weight and position of the centre of gravity. The Pal-Turn™ is produced on the basis of these characteristics and customer requirements.

Options:

- Chain pulleys for high temperature loads (> 80°C)
- Stand-alone model (battery operated)
- Radio control with or without infra-red validation
- Two-speed motorisation
- Frequency inverter
- Additional lifting points, retractable lower hook
- Chains or straps - open or open-ended - adjusted to the load, polyurethane protection coated on 1 or 2 sides, impregnated
- Protection class IP55 or higher
- Design according to other FEM class

Standard configuration:

- Cable remote control, single-speed motorisation
- Protection class IP54
- Design according to FEM A5, lifting speed 30 m/min.
- 500kg in 400V or 230V



Model		Product Code
PAL-TURN 500 kg - 400 V	N	211968
PAL-TURN 500 kg - 230 V	N	211978



Adjustable H beam

PHM Adjustable H-Beams can be used whenever you have to move heavy & massive loads like machines, boats, vehicles, structures etc.

They are equipped with 4 lower attachments and are adjustable in all directions.

You can therefore adapt to the load dimensions and positions of the center of gravity, and use it for various loads.

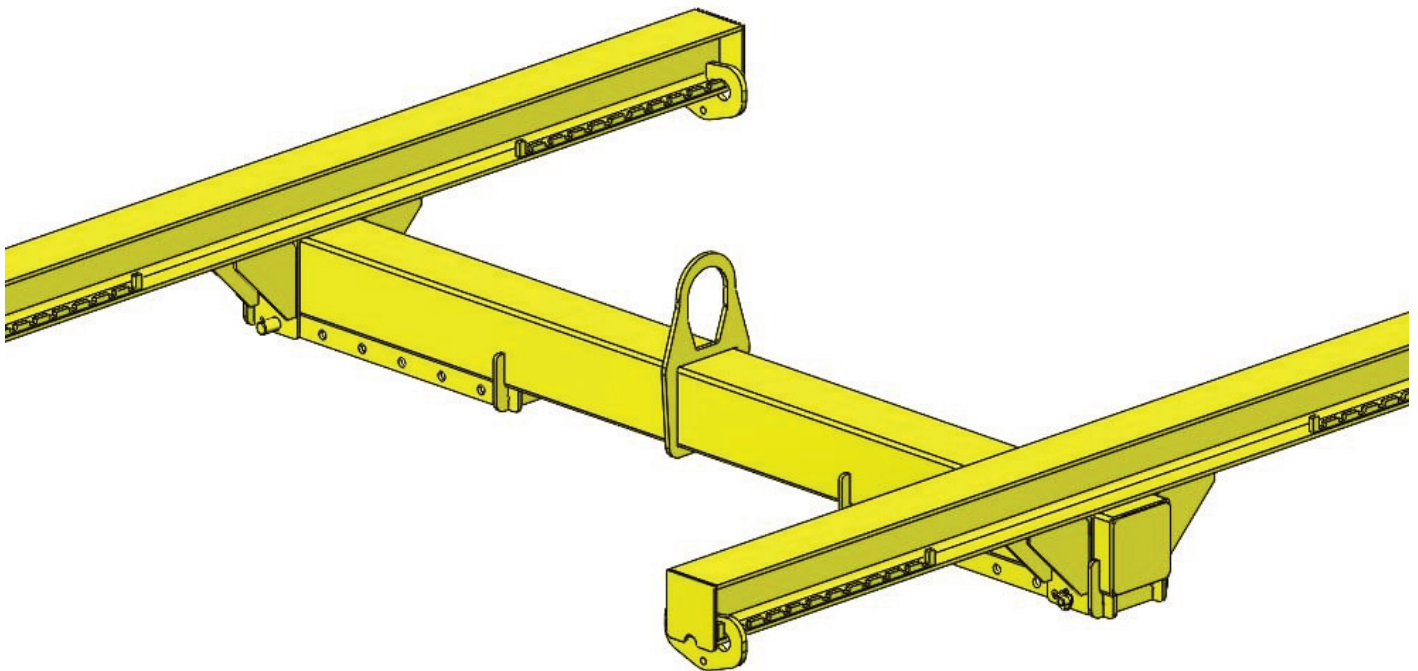


1 ton

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 1t - L1 - W1	1 - 0.4	1 - 0.4	75	219728
PHM 1t - L2 - W1	2 - 1	1 - 0.4	92	219738
PHM 1t - L2 - W2	2 - 1	2 - 1	128	219748
PHM 1t - L3 - W1	3 - 1	1 - 0.4	121	219758
PHM 1t - L3 - W2	3 - 1	2 - 1	178	219768
PHM 1t - L4 - W1	4 - 2	1 - 0.4	165	219778
PHM 1t - L4 - W2	4 - 2	2 - 1	204	219788
PHM 1t - L5 - W1	5 - 2	1 - 0.4	216	219798
PHM 1t - L5 - W2	5 - 2	2 - 1	254	219808

2 tons

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 2t - L1 - W1	1 - 0.4	1 - 0.4	79	219818
PHM 2t - L2 - W1	2 - 1	1 - 0.4	118	219828
PHM 2t - L2 - W2	2 - 1	2 - 1	170	219838
PHM 2t - L3 - W1	3 - 1	1 - 0.4	158	219848
PHM 2t - L3 - W2	3 - 1	2 - 1	219	219858
PHM 2t - L4 - W1	4 - 2	1 - 0.4	211	219868
PHM 2t - L4 - W2	4 - 2	2 - 1	270	219878
PHM 2t - L5 - W1	5 - 2	1 - 0.4	270	219888
PHM 2t - L5 - W2	5 - 2	2 - 1	355	219898



Adjustable H beam

3 tons

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 3t - L1 - W1	1 - 0.4	1 - 0.4	89	219908
PHM 3t - L2 - W1	2 - 1	1 - 0.4	134	219918
PHM 3t - L2 - W2	2 - 1	2 - 1	248	219928
PHM 3t - L3 - W1	3 - 1	1 - 0.4	194	219938
PHM 3t - L3 - W2	3 - 1	2 - 1	313	219948
PHM 3t - L4 - W1	4 - 2	1 - 0.4	280	219958
PHM 3t - L4 - W2	4 - 2	2 - 1	409	219968
PHM 3t - L5 - W1	5 - 2	1 - 0.4	332	219978
PHM 3t - L5 - W2	5 - 2	2 - 1	461	219988

4 tons

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 4t - L1 - W1	1 - 0.4	1 - 0.4	109	219998
PHM 4t - L2 - W1	2 - 1	1 - 0.4	148	220008
PHM 4t - L2 - W2	2 - 1	2 - 1	262	220018
PHM 4t - L3 - W1	3 - 1	1 - 0.4	244	220028
PHM 4t - L3 - W2	3 - 1	2 - 1	364	220038
PHM 4t - L4 - W1	4 - 2	1 - 0.4	284	220048
PHM 4t - L4 - W2	4 - 2	2 - 1	413	220058
PHM 4t - L5 - W1	5 - 2	1 - 0.4	400	220068
PHM 4t - L5 - W2	5 - 2	2 - 1	526	220078

5 tons

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 5t - L1 - W1	1 - 0.4	1 - 0.4	117	220088
PHM 5t - L2 - W1	2 - 1	1 - 0.4	175	220098
PHM 5t - L2 - W2	2 - 1	2 - 1	285	220108
PHM 5t - L3 - W1	3 - 1	1 - 0.4	252	220118
PHM 5t - L3 - W2	3 - 1	2 - 1	372	220128
PHM 5t - L4 - W1	4 - 2	1 - 0.4	348	220138
PHM 5t - L4 - W2	4 - 2	2 - 1	473	220148
PHM 5t - L5 - W1	5 - 2	1 - 0.4	408	220158
PHM 5t - L5 - W2	5 - 2	2 - 1	534	220168

6 tons

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 6t - L1 - W1	1 - 0.4	1 - 0.4	161	220178
PHM 6t - L2 - W1	2 - 1	1 - 0.4	185	220188
PHM 6t - L2 - W2	2 - 1	2 - 1	355	220198
PHM 6t - L3 - W1	3 - 1	1 - 0.4	288	220208
PHM 6t - L3 - W2	3 - 1	2 - 1	409	220218
PHM 6t - L4 - W1	4 - 2	1 - 0.4	352	220228
PHM 6t - L4 - W2	4 - 2	2 - 1	506	220238
PHM 6t - L5 - W1	5 - 2	1 - 0.4	539	220248
PHM 6t - L5 - W2	5 - 2	2 - 1	660	220258

Adjustable H beam

8 tons

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 8t - L1 - W1	1 - 0.4	1 - 0.4	185	220268
PHM 8t - L2 - W1	2 - 1	1 - 0.4	262	220278
PHM 8t - L2 - W2	2 - 1	2 - 1	380	220288
PHM 8t - L3 - W1	3 - 1	1 - 0.4	349	220298
PHM 8t - L3 - W2	3 - 1	2 - 1	499	220308
PHM 8t - L4 - W1	4 - 2	1 - 0.4	483	220318
PHM 8t - L4 - W2	4 - 2	2 - 1	607	220328
PHM 8t - L5 - W1	5 - 2	1 - 0.4	654	220338
PHM 8t - L5 - W2	5 - 2	2 - 1	805	220348

10 tons

Model	Adjustable Length (m)	Adjustable Width (m)	Weight (kg)	Product Code
PHM 10t - L1 - W1	1 - 0.4	1 - 0.4	207	220358
PHM 10t - L2 - W1	2 - 1	1 - 0.4	303	220368
PHM 10t - L2 - W2	2 - 1	2 - 1	467	220378
PHM 10t - L3 - W1	3 - 1	1 - 0.4	419	220388
PHM 10t - L3 - W2	3 - 1	2 - 1	629	220398
PHM 10t - L4 - W1	4 - 2	1 - 0.4	569	220408
PHM 10t - L4 - W2	4 - 2	2 - 1	734	220418
PHM 10t - L5 - W1	5 - 2	1 - 0.4	758	220428
PHM 10t - L5 - W2	5 - 2	2 - 1	924	220438

Beam trolleys for material handling

Corso push beam trolleys

The Corso push and manually operated geared trolleys can be quickly and easily assembled onto a steel beam, with both a straight and sloping flange, creating a reliable and moveable anchor point for lifting equipment such as Tirfor, Bravo, Tralift, Minifor, Volt trac and Tralift TT.

It is possible to manually adjust the opening, so the trolley can be easily positioned and adjusted to the most frequently used profiles.



Model	WLL	Flange Width (mm)	Min.Radius (mm)	Weight (kg)	Product Code
C250	250	45 - 152	650	3.5	69289
C500	500	50 - 220	900	8.5	23309
C1000	1,000	58 - 220	1 000	10.5	23319
C2000	2,000	66 - 220	1 200	18	23329
C3000	3,000	74 - 220	1 300	32	23379
C5000	5,000	90 - 220	1 400	48.5	23389
C500	500	160 - 320	900	8,5	108879
C1000	1,000	160 - 320	1 000	10,5	108889
C2000	2,000	160 - 320	1 200	18	108899
C3000	3,000	160 - 320	1 300	32	108909
C5000	5,000	180 - 320	1 400	48,5	108919
C10000	10,000	142 - 320	2 500	105	56279

Corso geared beam trolleys

- Push and geared trolleys with WLL from 250kg to 20t
- For beam widths from 45 - 320 mm depending on capacity
- Handle included for quick and easy adjustment of the hanger bar to suit the beam size
- Folded steel end stops which also act as anti-drop bars and anti-tilt devices welded onto side plates
- Hanger bar preventing from rotating by tightening a grub screw
- Steel wheels with ball bearings for smooth running
- In accordance with EU Machine Directive 2006/42/EC



Model	WLL	Flange Width (mm)	Weight (kg)	Product Code
1000	1,000	58 - 220	19	23339
2000	2,000	66 - 220	22.5	23349
3000	3,000	74 - 220	37.5	23359
5000	5,000	90 - 220	55	23369
1000	1,000	160 - 320	19	108929
2000	2,000	160 - 320	22,5	108939
3000	3,000	160 - 320	37,5	108949
5000	5,000	180 - 320	55	108959
10000	10,000	142 - 320	115	56289
20000	20,000	153 - 320	254	56299

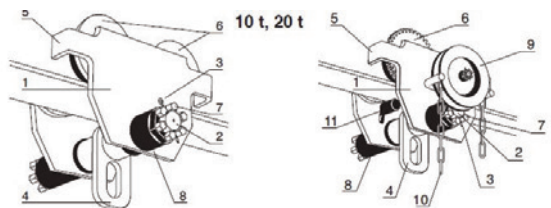
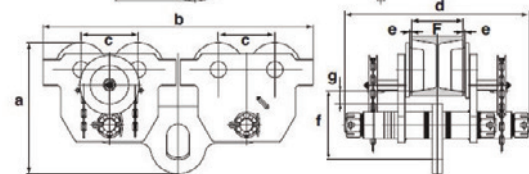
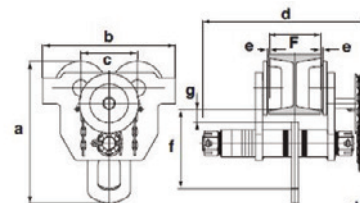
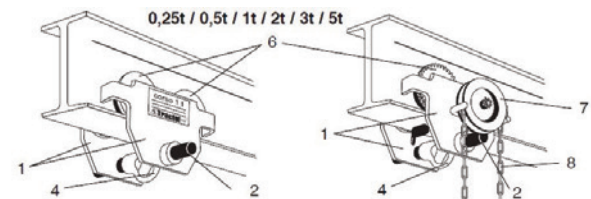
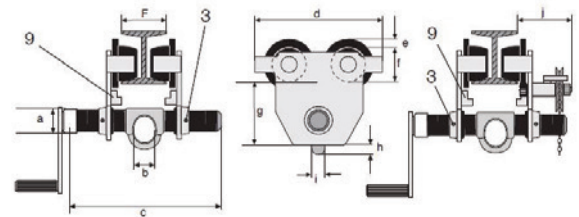
Accessories for Corso

0.25 t to 5 t

WLL	A	B	C	D	E	F	G	H
250	22	22	220	175	11	50	74	7
500	27	25	324	225	15	62	88	16
1,000	30	30	334	252	15	62	103	17
2,000	38	40	342	300	18	80	127	18
3,000	45	48	358	360	15	97	177	18
5,000	52	58	372	400	20	110	192	23

All dimensions in mm.

- | | |
|--|--|
| 1. Trolley side plates | antideraling devices |
| 2. Threaded bar | 6. Running wheels |
| 3. Securing screw for preventing the bar from moving | 7. Operating wheel |
| 4. Anchor point for hoist | 8. Operating chain |
| 5. End stops acting as | 9. Anti-tilt system welded onto side plate |



10 t to 20 t

Model	Description	A	B	C	D	E	F	G
C10000	Push trolley	500	470	200	550	2,5	280	45
10000	Geared trolley	500	470	200	583	2,5	280	45
20000	Geared trolley	500	955	200	654	2,5	270	45

All dimensions in mm.

- | | |
|---------------------------------------|--------------------|
| 1. Trolley side plates | 6. Running wheels |
| 2. Fixing bar | 7. Fixing nut |
| 3. Saftey pin | 8. Spacer washers |
| 4. Anchor point | 9. Operating wheel |
| 5. Safety bar and traversing end stop | 10. Hand chain |
| | 11. Anti-tilt bar |

Extension bar

Model	Flange Width (mm)	Description	Product Code
0.5	160-320	to suit 0.5t push trolley 023309	14652
1T	160-320	to suit 1t push trolley 023319 and 1t geared trolley 023339	14662
2T	160-320	to suit 2t push trolley 023329 and 2t geared trolley 023349	14672
3T	160-320	to suit 3t push trolley 023379 and 3t geared trolley 023359	14682
5T	180-320	to suit 5t push trolley 023389 and 5t geared trolley 023369	14692

Beam clamps for material handling

Corso beam clamps for material handling

The Corso beam clamp range can be quickly and easily assembled onto a steel beam, creating a reliable anchor point for lifting equipment such as Tirfor, Bravo, Tralift, Minifor and Tralift TT.

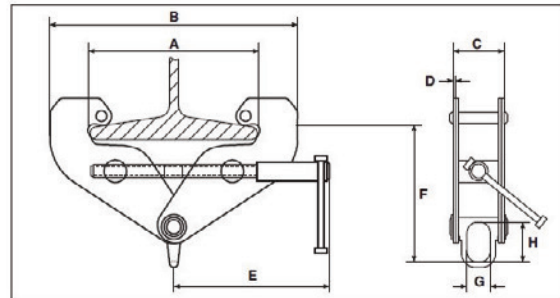


- WLL from 1t to 10t
- For beam widths from 75 - 320 mm depending on capacity
- Easy width adjustment to the size of the steel beam
- Generously sized body made of steel alloy
- High stability when fixed correctly
- Spindle bar is locked from rotating by tightening a grub screw

Model	WLL	Flange Width (mm)	Weight (kg)	Product Code
LT-1B	1,000	75-230	4.8	7009
LT-2B	2,000	75-230	5.6	7019
LT-3B	2,500	80-330	11	7029
LT-5B	3,000	80-330	12.3	7039
LT-10B	7,000	80-320	21	7049

Technical information

Model	A	B	C	D	E	F	G	H
LT-1B	220	180/380	76	4	210	120/175	30	45
LT-2B	220	180/380	84	6	210	130/180	30	45
LT-3B	320	235/490	115	8	275	175/250	45	60
LT-5B	320	253/490	138	10	245	140/220	45	60
LT-10B	310	255/480	160	12	275	250/300	60	90



Floor handling equipment

Hydrofor hydraulic toe jack

- WLL 5000kg to 25000kg
- Heavy duty operations from one of the lightest jacks on the market
- Vertical and horizontal functionality
- Full lifting capacity on head or toe
- Pressure limit device prevents overload for safe operation
- Screw release valve for easy and controlled lowering
- 360 degree swivel of the jack body for ease of positioning
- Handle rotates through 180 degrees



Model	WLL	A	B	C	D	E	F	G	Max effort of the handle	Weight (kg)	Product Code
H5	5	368 - 573	745	140	213	Ø93	25	205	450	20	243269
H10	10	420 - 650	745	170	205	Ø103	30	230	500	28	243279
H25	25	505 - 720	1305	210	420	155 x 155	58	215	450	109	79909

Top mechanical toe jacks

The Top mechanical toe jacks have a back and forth action on the handle to allow them to be operated in confined spaces.

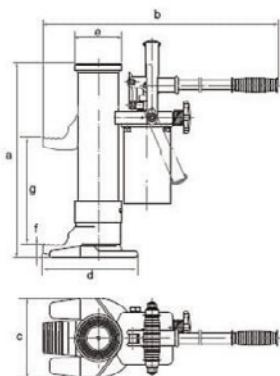
With 100% capacity on both head and toe the Top jacks are designed for ultimate usage and can be operated in either vertically or horizontally.

- WLL 1.500 kg to 10.000 kg
- Robust steel construction
- Vertical and horizontal operation
- Load capacity 100% on the head or toe
- Crank with folding handle
- Back and forth action on the handle

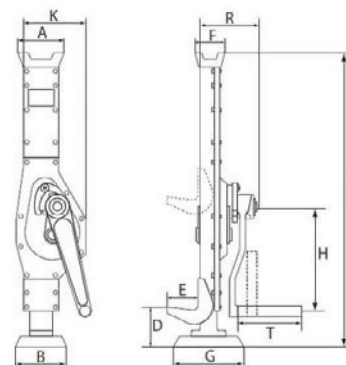


Model	WLL	Lifting Height (m)	Max effort of the handle	A	B	C	D	E	F	G	H	K	R	T	Weight (kg)	Product Code
BT 1,5	1.5	300	30	81	100	600	70	55	46	110	225	147	119	113	18	196478
BT 3	3	355	35	83	130	735	70	60	45	138	249	168	129	130	20	196488
BT 5	5	345	40	108	140	735	80	71	68	170	249	190	146	130	28	196498
BT 10	10	390	58	124	140	800	100	86	76	170	300	250	168	239	46	196508

Dimensions of floor handling products



Technical drawing hydrofor

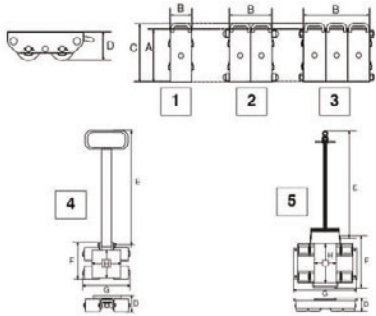


Technical drawing topjack

Pakrol skates and trolley skates

The Pakrol skates and trolley skates can be used in combination to move loads from 2,000kg to 20,000kg.

- WLL 2,000kg to 20,000kg
- Robust construction
- A modular system to steer and move loads
- Trolley skates have turntables
- Skates can be joined together to increase capacity
- Nylon or PU rollers with ball bearings
- The load can be pulled and steered by the drawbar
- The floor must be completely smooth and flat in order to move the loads.



Model	Description	Type	WLL	A	B	C	D	E	F	G	H	Weight (kg)	Product Code
Skate 2t NY	2 wheel nylon skate	1	2	270	106	308	110	-	-	-	-	5	50149
Skate 4t NY	4 wheel nylon skate	2	4	270	232	308	110	-	-	-	-	11	50159
Skate 6t NY	6 wheel nylon skate	3	6	270	348	308	110	-	-	-	-	25	50169
Skate 2t PU	2 wheel PU skates	1	2	270	106	308	110	-	-	-	-	5	55549
Skate 4t PU	4 wheels PU skate	2	4	270	232	308	110	-	-	-	-	11	55559
Skate 6t PU	6 wheel PU skates	3	6	270	348	308	110	-	-	-	-	25	55569
Trolley skate 4t NY	4 wheel nylon trolley skate	4	4	-	-	-	110	940	230	297	145 x 180	14	50179
Trolley skate 6t NY	8 wheel nylon trolley skate	5	8	-	-	-	110	1200	530	640	400 x 220	50	50189
Trolley skate 4t PU	4 wheels PU trolley skate	4	4	-	-	-	110	940	230	297	145 x 180	14	55579
Trolley skate 8t PU	8 wheel PU trolley skate	5	8	-	-	-	110	1200	530	640	400 x 220	50	50199
Connection bar	-	-	-	-	-	-	-	-	-	-	-	-	74517



Order products on day 1, will be shipped no later than day 2,



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Available on request. Please enquire about delivery times of these items.

Material-only load arrester

When a material-only load is being lifted or lowered, it may be important to add a secondary safety device to make sure that the load cannot fall in the event of an incident. For example when the load falling could endanger people in the vicinity. This is also the case when the load or the area underneath the load has a significant value and requires protection.

Our load arrester range consist of 3 different types that all work on the basis of the same principle. The load is connected to the load arrester by a wire rope. If the main lifting rope or device experiences a malfunction and the load starts to fall, the load arrested device will detect the increasing speed of the wire rope and will immediately stop the load from falling.

Blocstop

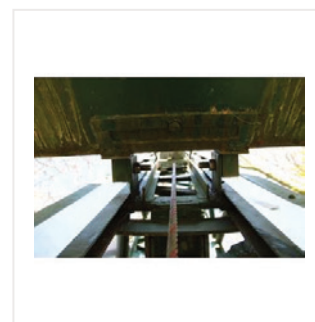
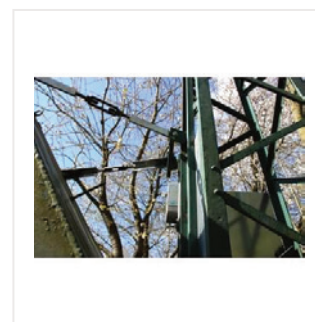
Our tried and tested Blocstop solution can work with an unlimited length of wire rope while the Blocstop is attached to a supporting structure.

Blocmat S and SI

The Blocmat S and SI offer wire rope storage with a maximum capacity up to 25m, which is automatically stored on an integrated reeler. The S or Si version is to be permanently installed on a ceiling or floor.

Blocmat TSD

The Blocmat TSD is a mobile load arrested that can be easily moved from location to location. All that is required for installing the Blocmat TSD is a fixing point or hook with 4x the capacity of the load arrester.



	Blocstop	Blocmat S and SI	Blocmat TSD
Load capacity	350-3000 kg	500-1000 kg	250 kg
Triggering speed	20,30,40,60 m/min	30 m/min	35 m/min
Daily check	✓	✓	✓
Unlimited wire rope	✓	-	-
Wire rope storage	-	✓	✓
Fastening interface needed	✓	✓	✓
Reset after actuation*	✓	✓	
Integrated pretension of wire rope	-	✓	✓
Sheaving/reeving possibility	✓	-	-
Electrical connectivity to the lifting equipment	✓	-	-
Shock absorber (limits to 6.5 kN)	-	-	✓

Material-only load arrester

Blocstop BSO



The Blocstop BSO can be used in numerous areas like a load arrester for material transportation (i.e. opening and closing of a garage door, lifting of valuable material load, protection for a sensible ground surface underneath the load....)

BSO – Blocstop operating by overspeed detection :

If the movement of the safety rope exceeds a specified speed then the BSO triggers automatically and securely catches the load. The safety rope is held between the clamping jaws, preventing the rope from slipping any further. However, the surface of the clamping jaws is large enough to prevent damage to the rope. The Blocstop BSO is designed in such a way that the clamping jaws grip tighter, the higher the load on the rope.

Furthermore, the Blocstop BSO has been tested using many times the nominal load in order to ensure an extremely large safety margin.

We are constantly working to improve our products.


Features Blocstop BSO :


- Very robust and durable
- Small, light and compact
- Manual test function
- Capacity up to 3,000 kg
- Complies with the 2006/42/EC standard


NEW

Integrate this product using **BIM and 3D files**. Access downloads on the product page of our website.

Model	WLL	Forward Speed (m/min)	Wire Rope Diameter (mm)	Description	Weight (kg)	Product Code
BSO 510	350	30	6	-	4,3	291849
BSO 510E	350	30	6	with limit switch and 2m cable fitted with plug for tirak™ connection	4,3	291859
BSO 510E	350	30	6	with limit switch and 2m cable fitted with cable gland for tirak™ connection	4,3	296369
BSO 1004	600	40	8	-	6,5	291889
BSO 1004E	600	40	8	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291899
BSO 1004E	600	40	8	with limit switch and 2m cable fitted with cable gland for tirak™ connection	6,5	296429
BSO 1026	600	60	9	-	6,5	291969
BSO 1026E	600	60	9	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291979
BSO 1026E	600	60	9	with limit switch and 2m cable fitted with cable gland for tirak™ connection	6,5	296469
BSO 1024	800	40	9	-	6,5	291909
BSO 1024E	800	40	9	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291919
BSO 1024E	800	40	9	with limit switch and 2m cable fitted with cable gland for tirak™ connection	6,5	296439
BSO 1022	1,000	20	9	-	6,5	291729
BSO 1022E	1,000	20	9	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291739
BSO 1022E	1,000	20	9	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	296399

 Order products on day 1, will be shipped no later than day 2,

 Order products on day 1, will be shipped no later than day 6. Maximum quantities apply for this service.

 Available on request. Please enquire about delivery times of these items.

Blocstop BSO load arrester

Model	WLL	Forward Speed (m/min)	Wire Rope Diameter (mm)	Description	Weight (kg)	Product Code
BSO 1022EFA	1,000	20	9	with remote triggering of the BSO	6,5	291749
BSO 1020	1,000	30	9	-	6,5	291869
BSO 1020E	1,000	30	9	with limit switch and 2m cable fitted with cable gland for tirak™ connection	6,5	296419
BSO 1020E	1,000	30	9	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291879
BSO 1034	1,000	40	10	-	6,5	291929
BSO 1034E	1,000	40	10	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291939
BSO 1034E	1,000	40	10	with limit switch and 2m cable fitted with cable gland for tirak™ connection	6,5	296449
BSO 1032	1,200	20	10	-	6,5	291759
BSO 1032E	1,200	20	10	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291769
BSO 1032E	1,200	20	10	with limit switch and 2m cable fitted with cable gland for tirak™ connection	6,5	296409
BSO 1032EFA	1,200	20	10	with remote triggering of the BSO	6,5	291779
BSO 1044	1,200	40	11	-	6,5	291949
BSO 1044E	1,200	40	11	with limit switch and 2m cable fitted with plug for tirak™ connection	6,5	291959
BSO 1044E	1,200	40	11	with limit switch and 2m cable fitted with cable gland for tirak™ connection	6,5	296459
BSO 1042EFA	1,200	20	11	with remote triggering of the BSO	6,5	283969
BSO 2552	2,500	20	14	-	14	291819
BSO 2552E	2,500	20	14	with limit switch and 2m cable fitted with plug for tirak™ connection	14	291829
BSO 2552E	2,500	20	14	with limit switch and 2m cable fitted with cable gland for tirak™ connection	14	296499
BSO 2552EFA	2,500	20	14	with remote triggering of the BSO	14	291839
BSO 3060	3,000	30	16	-	14	291989
BSO 3060E	3,000	30	16	with limit switch and 2m cable fitted with plug for tirak™ connection	14	291999
BSO 3060E	3,000	30	16	with limit switch and 2m cable fitted with cable gland for tirak™ connection	14	296509



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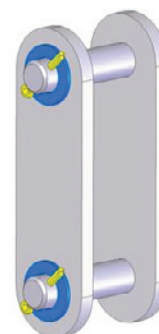
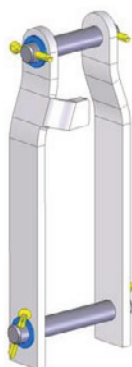
Available on request. Please enquire about delivery times of these items.

Blocstop BSO accessories

Set of straps

for Blocstop

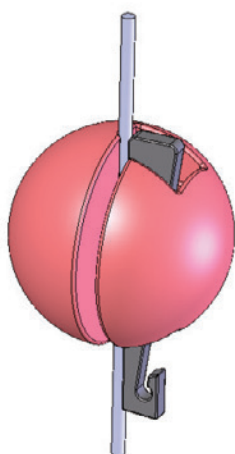
Model	Product Code
straps for BSO 510 - 1044	42517
straps for BSO 2050 - 3060	198247



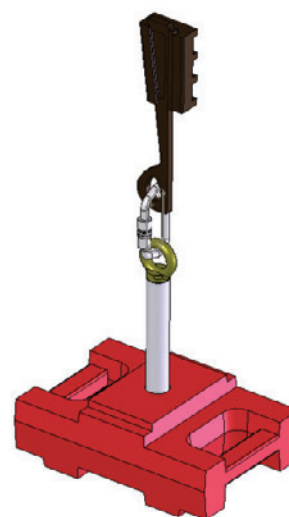
Counterweights

for Blocstop

Model	Product Code
Counterweight for BSO 510-1044	21488
Counterweight for BSO 2050-3060	199487



Counterweight for BSO 510 - 1044



Counterweight for BSO 2050 - 3060



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Available on request. Please enquire about delivery times of these items.

Load arrester

Blocmat S Ceiling Assembly and SI, Floor Assembly

Automatic wire rope load arrester with an integrated drum reeler.

The Blocmat is an automatic wire rope load arrester with an integrated drum reeler. A falling load will be arrested within 10 cm by the Blocmat. It is easy to carry out a functional test and to manually release and reset the load arrester. After activation, release, and reset the system can immediately be used again.

Available models in the Blocmat series:


- S - Ceiling assembly
- SI - Floor assembly (to be used with additional sheave)


Features Blocmat S Ceiling assembly and SI Floor assembly:


- Very limited fall (<100 mm)
- Triggering speed 30m/min
- Automatic winding of wire rope
- Very robust and durable
- Easy to use
- Manual test function
- Capacity up to 1,000 kg
- Complies with the 2006/42/EC standard



Model	WLL	Wire Rope Length (m)	Wire Rope Diameter (mm)	Weight (kg)	Product Code
S 500/15	500	15	6.5	29	47329
S 500/20	500	20	6,5	38	47339
S 500/25	500	25	6.5	40	47349
S 800/10	800	10	8.4	35	47359
S 800/20	800	20	8.4	43	47369
S 1000/8	1,000	8	9.5	33	47379
S 1000/12	1,000	12	9.5	39	47389
S 1000/25	1,000	25	9.5	46	75399
SI 500/15	500	15	6.5	28	47269
SI 500/25	500	25	6.5	39	47279
SI 800/15	800	15	8.4	36	47289
SI 800/25	800	25	8.4	42	47299
SI 1000/10	1,000	10	9.5	29	47309
SI 1000/25	1,000	25	9.5	44	47319

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Load arrester

Blocmat TSD

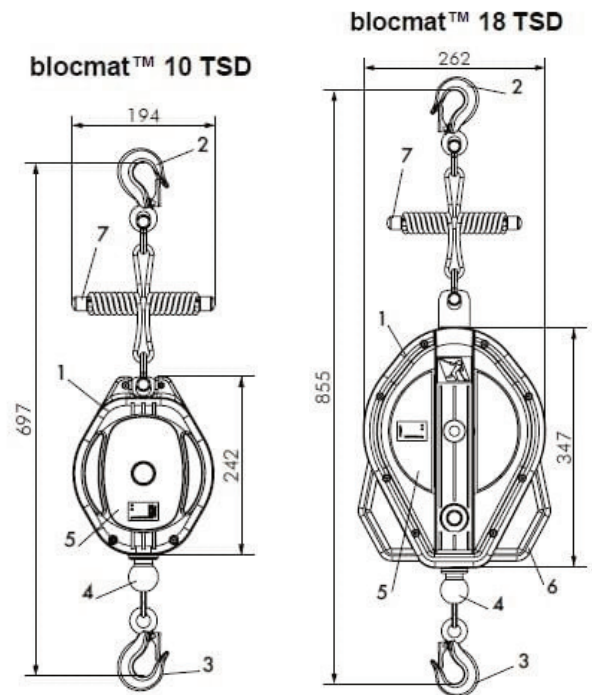
The Blocmat TSD: An advanced self-retracting load fall arrest solution. Equipped with the innovative TSD system (Top System Dissipator), the Blocmat TSD guarantees a falling load of less than 650daN, even if the load drops when the cable is fully unwound.

The Blocmat TSD is available in two lengths: 10m and 18m, both with a Working Load Limit (WLL) of 250kg. It offers a number of advantages over traditional fall arrest systems. Its integration of the TSD system at the top of the device eliminates the risk of a violent shock, while its optimised design allows for simplified maintenance. In addition, the Blocmat TSD has a very good grip for transport and installation, making it easy to use in any work environment.

Trust the Blocmat TSD to keep your equipment and personnel safe and secure. Contact us to learn more today.

This product comes equipped with [Tracinfo](#), an online service that simplifies the way you access product documentation. With [Tracinfo](#), you can get instant access to manuals, certificates, and more with just a few clicks.

Model	WLL	Dimensions	Wire Rope Length (m)	Wire Rope Diameter (mm)	Forward Speed (m/min)	Weight (kg)	Product Code
Blocmat 10 TSD	250	697 x 194 x 95	10	4,9	35	5,9	279479
Blocmat 18 TSD	250	855 x 262 x 110	18	5	35	9,6	279489



1. Housing
2. Anchorage on structure
3. Anchorage to load
4. End stop
5. Identification label
6. Handle
7. Shock absorber