

TIGRIP®

Load Hoisting Tackle and Crane Weighers



No. 5

Yale Industrial
Products GmbH

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Grabs and clamps for the transport of plates, girders, profiles and steel constructions

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Plate clamp TBL 0,5 - 3,0 tonnes with safety lock

for vertical transport of individual sheet metal and steel plates as well as lifting and rotating through 180°. The safety lock prevents the clamp from opening even when there is no load.

The plate surface of the material must have a hardness level below HRC 30.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBL 0,5	0,5	0 - 16	*550000
TBL 1,0	1,0	0 - 20	*550017
TBL 2,0	2,0	0 - 32	*550024
TBL 3,0	3,0	0 - 32	*550048

Plate clamp TBL 4,0 - 30,0 tonnes with safety lock

These plate clamps have the same design and applications as the clamps described before.

The plate surface of the material must have a hardness level below HRC 30.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBL 4,0 S	4,0	0 - 32	*556545
TBL 4,0 L	4,0	30 - 60	*556569
TBL 6,0 S	6,0	0 - 50	*557221
TBL 6,0 L	6,0	50 - 100	*556583
TBL 8,0 S	8,0	0 - 50	*557245
TBL 8,0 L	8,0	50 - 100	*557269
TBL 10,0 S	10,0	0 - 50	*557283
TBL 10,0L	10,0	50 - 100	*557306
TBL 12,0 S	12,0	0 - 50	*557320
TBL 12,0 L	12,0	50 - 100	*557344
TBL 15,0 S	15,0	0 - 50	*552936
TBL 15,0 L	15,0	50 - 100	*552943
TBL 20,0 S	20,0	0 - 65	*552950
TBL 20,0 L	20,0	65 - 130	*551892
TBL 30,0 S	30,0	0 - 65	*552967
TBL 30,0 L	30,0	65 - 130	*552974

Plate clamp TBS 1,0 - 3,0 tonnes with pivoting shackle and safety lock

can be used for the safe handling of plate at various angles. The pivoting shackle provides adequate pressure in every position, but the capacity may be reduced (consult diagram).

The plate surface of the material must have a hardness level below HRC 30.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBS 1,0	1,0	0 - 20	*550031
TBS 2,0	2,0	0 - 32	*550086
TBS 3,0	3,0	0 - 32	*550079

Plate clamp TBS 4,5 - 10,0 tonnes with pivoting shackle and safety lock

These plate clamps have the same design and applications as the clamps described before.

The plate surface of the material must have a hardness level below HRC 30.

Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBS 4,5	4,5	0 - 50	*550352
TBS 6,0 S	6,0	0 - 50	*550383
TBS 6,0 L	6,0	50 - 100	*551250
TBS 8,0 S	8,0	0 - 50	*552578
TBS 8,0 L	8,0	50 - 100	*557528
TBS 10,0 S	10,0	0 - 50	*552516
TBS 10,0 L	10,0	50 - 100	*557542

Universal grab TAG 0,35 - 10,0 tonnes

The large jaw capacity allows to tackle a variety of sizes with only one clamp. It can be used for loading machine tools, steel constructions, welding as well as for concrete and prefabricated pieces. The automatic clamping force is retained by a positive tension spring, even if there is slack in the chain.

Capacities up to 1,25 tonnes are optionally available with protective jaw lining. Universal grabs up to 2,0 tonnes are equipped with link chain, higher capacities will come with roller chain.

The plate surface of the material must not exceed HRC 30.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TAG 0,35/100	0,35	0 - 100	*550413
TAG 0,35/200	0,35	90 - 200	*551724
TAG 0,75/100	0,75	0 - 100	*550253
TAG 0,75/200	0,75	90 - 200	*552806
TAG 1,25/100	1,25	0 - 100	*550468
TAG 1,25/200	1,25	90 - 200	*551502
TAG 2,0/100	2,00	0 - 100	*550642
TAG 2,0/200	2,00	90 - 200	*551366
TAG 3,0/90	3,00	5 - 90	*550840
TAG 5,0/90	5,00	5 - 90	*550345
TAG 5,0/170	5,00	80 - 170	*551915
TAG 10,0/100	10,00	0 - 100	*552059
TAG 10,0/200	10,00	100 - 200	*553001
TAG 0,35-1,25		***	*500043
TAG 0,35-1,25		***	*500050
TAG 0,35-1,25		***	*500067

Universal grab protective lining

Not suitable for oily or greasy surfaces!

for both fixed and clamping jaw
for fixed jaw only
for clamping jaw only

***) Jaw capacity reduces 10 mm

Girder grab TTG 0,5 - 7,5 tonnes

for horizontal transport

of girders, metal plates, profiles, etc. The offset suspension lug ensures that the flange of the girder will be kept practically horizontal during transport.

When transporting long girders, it is recommended to use a pair in conjunction with a spreader beam.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TTG 0,5	0,5	0 - 20	*557931
TTG 1,5	1,5	0 - 30	*550239
TTG 3,0	3,0	0 - 35	*550192
TTG 4,5	4,5	0 - 40	*550451
TTG 7,5	7,5	0 - 45	*551205

Girder grab TTR 0,75 - 3,0 tonnes

for vertical transport

especially the lifting, transfer and stacking of girders. The clamp's unique position of its offset suspension lug keeps the girder virtually in a vertical position during transport.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TTR 0,75	0,75	5 - 16	*550499
TTR 1,5	1,5	5 - 25	*550246
TTR 3,0	3,0	5 - 28	*550550

Girder grab TTT

for the horizontal transportation of girders

The grab, as a matter of principle should only be used in pairs. The safety lock with positive spring tension holds the grab in position on the end of the girder even without load tension.

The top angle between the chain/rope legs must not exceed 60°!



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TTT 0,75	0,75	0 - 20	*558501
TTT 1,5	1,5	0 - 35	*558518
TTT 3,0	3,0	0 - 40	*558525
TTT 4,5	4,5	0 - 45	*558532

Screw clamps TSH, TSD, TSZ

The clamps must be hand-tightened to the material by means of the screw spindle. Once the clamp is tightened and lifting begins, the pivoting pad clamping system produces a wedging action against the material, holding it securely.

Suitable for steel plates with a high surface hardness.

Screw clamp TSH 1,5 - 5,0 tonnes

for vertical and horizontal pulling

Particularly useful for lifting, transferring and pulling sheet metal, girders and steel constructions, etc.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TSH 1,5	1,5	0 - 32	*550123
TSH 3,0	3,0	0 - 50	*550154
TSH 5,0	5,0	0 - 80	*550215

Screw clamp TSD 1,5 - 7,5 tonnes

for lifting and pulling

A valuable asset when lifting, pulling and fitting sheet material as well as steel constructions.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TSD 1,5	1,5	0 - 35	*550598
TSD 3,0	3,0	0 - 35	*550864
TSD 5,0	5,0	0 - 40	*551717
TSD 7,5	7,5	0 - 40	*550987

Screw clamp TSZ 0,5 - 7,5 tonnes

for three-dimensional pulling

Designed to pull in three directions, it offers countless possibilities for transporting steel construction parts, feeding brake shears and other such equipment.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TSZ 0,5	0,5	0 - 28	*555739
TSZ 1,5	1,5	0 - 35	*555746
TSZ 3,0	3,0	0 - 35	*555753
TSZ 5,0	5,0	0 - 40	*555760
TSZ 7,5	7,5	0 - 40	*555777

Horizontal lifting hook BVH

for horizontal transport of steel bundles

The BVH horizontal lifting hooks are used in pairs to lift and transfer plate bundles that are relatively close to the ground. The high tensile hooks have a serrated lifting surface.

Capacity ratings are valid for the individual hook.
Admissible angle between chain legs: 30° - 45°.



Model	Capacity/ Unit in tonnes	EAN-N° 4025092*
BVH 0,5	0,5	*557023
BVH 1,0	1,0	*557047
BVH 1,5	1,5	*557061
BVH 2,0	2,0	*557085
BVH 2,5	2,5	*557108
BVH 3,0	3,0	*557122
BVH 4,0	4,0	*557146
BVH 5,0	5,0	*557160
BVH 6,0	6,0	*557184
BVH 7,5	7,5	*557207

Horizontal lifting clamp TCH

for heavy gauge steel plate and bundles

Especially suited for the transport of single plate with a min. thickness of approx. 5 mm as well as for steel bundles. The design of TCH 1,0 is different from the model illustrated.

Capacity ratings are valid for 2 clamps with a max. top angle of 90° between the chain/rope legs.



Model	Capacity/ per pair tonnes	Jaw capacity mm	EAN-N° two-legged 4025092*
TCH 1,0	1,0	0 - 50	*551625
TCH 2,0	2,0	5 - 32	*551991
TCH 4,0	4,0	5 - 50	*551755
TCH 6,0	6,0	5 - 75	*553230
TCH 8,0	8,0	5 - 75	*553247
TCH 10,0/1	10,0	5 - 100	*553254
TCH 10,0/2	10,0	50 - 150	*552042
TCH 1,0	1,0	0 - 50	single clamp *551212
TCH 2,0	2,0	5 - 32	*551168
TCH 4,0	4,0	5 - 50	*550895
TCH 6,0	6,0	5 - 75	*550888
TCH 8,0	8,0	5 - 75	*552097
TCH 10,0/1	10,0	5 - 100	*551465
TCH 10,0/2	10,0	50 - 150	*552738

Horizontal lifting clamp TGF

for horizontal transport of plate bundles

The clamps are easily adjusted to the height of the plate by a special ratchet lever. Special clamps for bundle thickness up to 400 mm are optionally available.

Capacity ratings are valid for a complete two-legged chain system with two clamps with a top angle of 90° between the chain/rope legs.



Model	Capacity/ per pair tonnes	Jaw capacity mm	EAN-N° two-legged 4025092*
TGF 0,3/150	0,35	0 - 150	*553087
TGF 0,6/150	0,65	0 - 150	*553094
TGF 1,3/150	1,3	0 - 150	*552745
TGF 2,3/150	2,3	0 - 150	*551731
TGF 3,3/150	3,3	0 - 150	*551342
TGF 5,0/150	5,0	0 - 150	*553100
TGF 6,6/150	6,65	0 - 150	*553117
TGF 0,3/250	0,35	0 - 250	*552882
TGF 0,6/250	0,65	0 - 250	*553124
TGF 1,3/250	1,3	0 - 250	*552608
TGF 2,3/250	2,3	0 - 250	*552363
TGF 3,3/250	3,3	0 - 250	*553131
TGF 5,0/250	5,0	0 - 250	*552189
TGF 6,6/250	6,65	0 - 250	*553148
TGF 0,3/150	0,35	0 - 150	single clamp *553216
TGF 0,6/150	0,65	0 - 150	*553223
TGF 1,3/150	1,3	0 - 150	*552554
TGF 2,3/150	2,3	0 - 150	*551809
TGF 3,3/150	3,3	0 - 150	*550833
TGF 5,0/150	5,0	0 - 150	*553322
TGF 6,6/150	6,65	0 - 150	*551885
TGF 0,3/250	0,35	0 - 250	*553339
TGF 0,6/250	0,65	0 - 250	*552387
TGF 1,3/250	1,3	0 - 250	*553346
TGF 2,3/250	2,3	0 - 250	*552622
TGF 3,3/250	3,3	0 - 250	*551540
TGF 5,0/250	5,0	0 - 250	*553353
TGF 6,6/250	6,65	0 - 250	*551656

Lifting clamp THS

with safety lock

Used in pairs especially for the horizontal transport of plates. The transport of slightly sagging plates is also possible. Single clamps can be used to load presses, shears etc.

When using the clamps in pairs, the top angle between the chain/rope legs must not exceed 60°.



Model	Capacity/ unit in tonnes	Jaw capacity mm	EAN-N° 4025092*
THS 0,75	0,75	0 - 20	*551267
THS 1,5	1,5	0 - 35	*550734
THS 3,0	3,0	0 - 40	*551373
THS 4,5	4,5	0 - 40	*553483

Lifting clamp THK

The THK lifting clamp, when used in pairs, is especially well-suited for the horizontal transport of thin plates that have a tendency to sag.

When using the clamps in pairs, the top angle between the chain/rope legs must not exceed 60°.



Model	Capacity/ pair in tonnes	Jaw capacity mm	EAN-N° 4025092*
THK 0,75	0,75	0 - 25	*550628
THK 1,5	1,5	0 - 35	*550284
THK 3,0	3,0	0 - 35	*550390
THK 4,5	4,5	0 - 45	*551120
THK 6,0	6,0	0 - 60	*551038
THK 9,0	9,0	0 - 60	*551960

Lifting clamp TWH

well-suited for the horizontal transport of individual and bundled plate, however, not suited for thin plate that has a tendency to sag. Protective lining optionally available.

When using the clamps in pairs, the top angle between the chain/rope legs must not exceed 90°.



Model	Capacity/ per pair tonnes	Jaw capacity mm	EAN-N° Clamp with plate 4025092*
TWH 30	1,5	5 - 60	*555654
TWH 50	2,5	10 - 70	*555661
TWH 70	3,5	10 - 80	*555678
TWH 100	5,0	10 - 102	*555685

Model	Capacity/ per pair tonnes	Jaw capacity mm	EAN-N° Clamp with roller 4025092*
TWH 30	1,5	5 - 60	*550529
TWH 50	2,5	10 - 70	*551441
TWH 70	3,5	10 - 80	*551380
TWH 100	5,0	10 - 102	*551618

Non-marring grab TSS with screw spindle

for stainless steel sheets and plates with extremely hard surfaces

The sliding jaw is manually set to the pre-tension position. During the lifting cycle, the tensioning lever exerts an extra-high clamping pressure via a high transmission ratio onto the sliding jaw and holds it tight by a friction locking effect. Aluminium resp. stainless steel jaws will not damage sensitive load surfaces.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TSS 0,75	0,75	0 - 16	*550307
TSS 1,5	1,5	5 - 25	*550611
TSS 3,0	3,0	5 - 30	*550314

Non-marring grab TBP

Suitable for the lifting, turning and transporting of plates with sensitive surfaces. Jaws are provided with leather lining which is impregnated with epoxy resin.

The surface of the plate must be free of oil, grease or any other liquid to ensure safe transport.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBP 0,5	0,5	0 - 10	*556378
TBP 1,5	1,5	0 - 20	*556392

Non-marring grab TSB with chain

Attractive for steel plates or chipboards with sensitive surfaces. Jaws provided with Bremsit® linings with high friction value.

The surface of the plate must be free of oil, grease or any other liquid to ensure safe transport.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TSB 0,35/65	0,35	0 - 65	*550772
TSB 0,75/65	0,75	0 - 65	*550826
TSB 1,25/65	1,25	0 - 65	*550727

Plate clamp TBE

for hard surfaces

The TBE plate clamp produces an extremely high clamping pressure.

This makes the clamp particularly suited to the transport of steel plate with a surface hardness up to HRC 40.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBE 0,5	0,5	0 - 10	*556620
TBE 1,0	1,0	0 - 16	*556644
TBE 2,0	2,0	0 - 20	*556668
TBE 3,0	3,0	0 - 20	*556682
TBE 4,0	4,0	0 - 20	*556705

Plate pliers TPZ

Made for lifting, transferring and vertically transporting wood, chipboard and plastic sheets. The pliers with protective linings grabs once lifting begins and holds the plate securely in place.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TPZ 0,4/55	0,4	5 - 55	*555234

Manual magnetic claw THM

Used for transporting steel sheets horizontally and vertically, lifting plates from racks, pulling steel sheets out of shelving, as well as transporting flat pieces of steel that are magnetizable. The claw, depending on the type, can be used for plate thicknesses from 1 to 5 mm.

The contact surface of the claw must be clean and free of dirt, oil, grease, scale, rust etc.



Model	Lifting capacity kg*	Pulling capacity kg	EAN-N° 4025092*
THM 120	120	70	*550963
THM 170	170	100	*550437

*measured at a safety factor 2:1 on bright drawn material ST 37 k

Hand clamp THG

Suited for the individual transport of light and thin steel plates.

The plate surface of the material must not exceed a hardness of HRC 30.



Model	Capacity kg	Jaw capacity mm	EAN-N° 4025092*
THG	250	0 - 10	*556057

Roundstock grab TRU

The TRU roundstock grab picks up roundstock and pipe material up to 600 mm in diameter quickly and safely. With its optional protective lining, it can also pick up materials with sensitive surfaces.

Standard grabs will come without protective lining.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° without protective lining 4025092*
TRU 0,1/150	0,1	50 - 150	*550918
TRU 0,5/200	0,5	35 - 200	*550475
TRU 1,0/200	1,0	35 - 200	*550949
TRU 1,5/300	1,5	80 - 300	*550505
TRU 3,0/300	3,0	80 - 300	*550758
TRU 4,0/600	4,0	200 - 600	*551526
			with protective lining
TRU 0,1/150	0,1	50 - 150	*551632
TRU 0,5/200	0,5	35 - 200	*551151
TRU 1,0/200	1,0	35 - 200	*552165
TRU 1,5/300	1,5	80 - 300	*550512
TRU 3,0/300	3,0	80 - 300	*550536
TRU 4,0/600	4,0	200 - 600	*550406

Profile steel grab TPR

for the transport of girders, profile steel, etc.

The profile steel grab has a large jaw capacity, making it useful for the various flange widths.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TPR 0,5/200	0,5	0 - 200	*551496
TPR 1,5/300	1,5	0 - 300	*551045
TPR 3,0/300	3,0	0 - 300	*553490

Pipe grab TR

The TR pipe grab for rolls and pipes up to 1050 mm in diameter offers many uses in the lifting and transporting of these materials. Apart from pipe and drums laid on their side, this lightweight pipe grab will also handle rolls of paper, fabric and sheet metal.

For extra protection in lifting loads with sensitive surfaces, the grab can be ordered with protective lining made of Bremsit® or hard rubber.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° without protective lining 4025092*
TR 0,2/550	0,2	350 - 550	*553506
TR 0,2/650	0,2	450 - 650	*553513
TR 0,3/750	0,3	500 - 750	*553520
TR 0,5/750	0,5	500 - 750	*553537
TR 0,5/900	0,5	650 - 900	*553544
TR 0,75/1050	0,75	700 - 1050	*552561
TR 1,0/750	1,0	500 - 750	*553551
TR 1,0/1050	1,0	700 - 1050	*553568
TR 2,0/1050	2,0	700 - 1050	*553575
TR 3,0/1050	3,0	700 - 1050	*553582
			with protective lining
TR 0,2/550	0,2	350 - 550	*552585
TR 0,2/650	0,2	450 - 650	*554978
TR 0,3/750	0,3	500 - 750	*554985
TR 0,5/750	0,5	500 - 750	*551700
TR 0,5/900	0,5	650 - 900	*552400
TR 0,75/1050	0,75	700 - 1050	*554992
TR 1,0/750	1,0	500 - 750	*555005
TR 1,0/1050	1,0	700 - 1050	*555012
TR 2,0/1050	2,0	700 - 1050	*555029
TR 3,0/1050	3,0	700 - 1050	*555036

Block grab TVB

with protective lining, for the safe transport of stone and concrete blocks and other materials with parallel surfaces.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TVB 500	0,25/0,5	0 - 240	*556989

Stone/concrete grab TBG

with small and large jaw capacity

The TBG stone/concrete grabs are suited for the transport of all materials with parallel surfaces that can withstand a clamping pressure twice as high as the load being lifted. The grabs are delivered with replaceable hard rubber lining as standard.

The surface of the lifted material must be free of oil and grease.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBG 0,2/150	0,2	0 - 150	*552141
TBG 0,3/150	0,3	0 - 150	*553599
TBG 0,5/150	0,5	0 - 150	*552455
TBG 1,0/250	1,0	50 - 250	*552356
TBG 1,5/250	1,5	50 - 250	*552394
TBG 2,5/250	2,5	50 - 250	*551571
TBG 0,2/500	0,2	200 - 500	*551489
TBG 0,3/700	0,3	400 - 700	*551816
TBG 0,5/900	0,5	600 - 900	*552288
TBG 1,0/400	1,0	100 - 400	*553612
TBG 1,0/1100	1,0	800 - 1100	*552134
TBG 1,5/1300	1,5	1000 - 1300	*553605
TBG 2,0/500	2,0	200 - 500	*553629
TBG 3,0/500	3,0	200 - 500	*553636
TBG 4,0/500	4,0	200 - 500	*553643
TBG 5,0/500	5,0	200 - 500	*553650

Bale grab TBA

transports bales of fiber, wool, fabric, pressed straw and various types of shavings up to a width of 1,3 m.

The standard grab comes with protective lining.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TBA 0,2/700	0,2	250 - 700	*553667
TBA 0,3/900	0,3	450 - 900	*552080
TBA 0,5/1100	0,5	650 - 1100	*552776
TBA 0,75/1300	0,75	850 - 1300	*552035
TBA 1,0/1300	1,0	850 - 1300	*553674

Rail grab TCR

with safety lock

The TCR rail grab transports type S45 and S49 rails, as used by railways, easily and safely. Other types with similar configuration can also be handled.

Other models incl. multiple rail systems on request.



Model	Capacity tonnes	EAN-N°
TCR 1,0	1,0	*550802
TCR 2,0	2,0	*551076

Inside grab TDI

for wire coils and rings

Inside grabs are available in three versions for the handling of cylindrical or rectangular hollow bodies. The clamping jaws are optionally equipped with steel spikes, manganese serration or with protective lining. Please specify when ordering.



Model	Capacity tonnes	Jaw capacity mm	EAN-N°
TDI 0,1/420	0,1	220 - 420	*551410
TDI 0,5/600	0,5	400 - 600	*552066
TDI 1,0/600	1,0	400 - 600	*553704
TDI 2,0/800	2,0	550 - 800	*553711
TDI 3,0/800	3,0	550 - 800	*553728
TDI 5,0/800	5,0	550 - 800	*553735

C-Hook TCK

Coils, rolls, rings and similar objects are transported safely with the Tigrip C-Hooks. Tine length and usable height with the most frequently encountered coil sizes are listed in the table. Standard model has tines $\frac{3}{4}$ the length of the coil width.

Other sizes and models, such as C-hooks with automatic balancing feature, are available on request.



Model	Capacity tonnes	Coil width mm	Useable height mm	EAN-N°
TCK 0,5/300	0,5	300	400	*554800
TCK 0,5/500	0,5	500	400	*552417
TCK 0,5/800	0,5	800	400	*554817
TCK 1,0/300	1,0	300	450	*554824
TCK 1,0/500	1,0	500	450	*554831
TCK 1,0/800	1,0	800	450	*552783
TCK 2,0/300	2,0	300	500	*554848
TCK 2,0/500	2,0	500	500	*551830
TCK 2,0/800	2,0	800	500	*552615
TCK 2,0/1000	2,0	1.000	500	*552479
TCK 3,0/300	3,0	300	500	*554855
TCK 3,0/500	3,0	500	500	*554862
TCK 3,0/800	3,0	800	500	*552431
TCK 3,0/1000	3,0	1.000	500	*554879
TCK 5,0/500	5,0	500	550	*551298
TCK 5,0/800	5,0	800	550	*554886
TCK 5,0/1000	5,0	1.000	550	*554893
TCK 5,0/1250	5,0	1.250	550	*554909
TCK 7,5/800	7,5	800	600	*555043
TCK 7,5/1000	7,5	1.000	600	*551984
TCK 7,5/1250	7,5	1.250	600	*551878
TCK 7,5/1500	7,5	1.500	600	*554916
TCK 10,0/1000	10,0	1.000	650	*554923
TCK 10,0/1250	10,0	1.250	650	*551670
TCK 10,0/1500	10,0	1.500	650	*554930

Coil hook TCS

The TCS coil hook is a universal C-hook. Due to its tipping feature, it can lift or lower the coil, whether the coil is lying flat or is in an upright position. With its tipping device, the coil is tipped safely through 90°. The slow and safe movement of the tipping device ensures a continuous flowing movement when lifting or lowering the coil. At the same time, the tipping device serves the purpose of preventing accidental slipping of the load during transport.



Model	Capacity tonnes	Coil width A in mm		EAN-N°
		min.	max.	
TCS 0,5/120	0,5	50	120	*554947
TCS 0,5/200	0,5	100	200	*552257
TCS 1,0/200	1,0	100	200	*552264
TCS 1,0/300	1,0	200	300	*552875
TCS 2,0/200	2,0	100	200	*551977
TCS 2,0/300	2,0	200	300	*551908
TCS 3,0/200	3,0	100	200	*552011
TCS 3,0/300	3,0	200	300	*552714

Pipe hook TRO

The pipe hooks are used in pairs for the safe transport of pipes. The shackles are included with the hooks.



Model	Capacity/ per pair tonnes	Top angle between chains	EAN-N° 4025092*
TRO 2/90	2,0	60° - 90°	*556729
TRO 4/90	4,0	60° - 90°	*556743
TRO 6/90	6,0	60° - 90°	*556767
TRO 8/90	8,0	60° - 90°	*556781
TRO 10/90	10,0	60° - 90°	*556804
TRO 2/120	2,0	90° - 120°	*556828
TRO 4/120	4,0	90° - 120°	*556842
TRO 6/120	6,0	90° - 120°	*556866
TRO 8/120	8,0	90° - 120°	*556880
TRO 10/120	10,0	90° - 120°	*556903

Container transport shackles TCU

These shackles come 4 per pack with a total weight capacity of max. 40 tonnes and are fastened to the side of the container.



Model	Capacity/ per 4 pieces tonnes	Top angle between chains	EAN-N° 4025092*
TCU 32	32	50°	*556927
TCU 40	40	36°	*556927

Container transport shackles TCO

These shackles come 4 per pack with a total weight capacity of max. 56 tonnes and are fastened to the top of the container.



Model	Capacity/ per 4 pieces tonnes	Top angle between chains	EAN-N° 4025092*
TCO 56	56	vertical	*556965

Clamps TKB

for the transport of cable drum reels

These clamps are used in pairs. By the spreading of the clamp, it locks inside the reel. The clamps can be held in place by a locking lever.



Model	Capacity/ Pair tonnes	EAN-N° 4025092*
TKB	5,0	*556606

Barrel grab TFA

for the transport of upright barrels acc. to DIN 6643

The prismatic clamping jaws are fitted with a protective lining to enable the non-marring and secure grab around the circumference of the barrel.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TFA 0,3/600	0,3	Ø 400 - Ø 600	*557009

Barrel grab TFA-D with tipping device

for the transport, lifting and putting-down, turning over and emptying of barrels acc. to DIN 6643

The prismatic clamping jaws are fitted with a protective lining to enable the non-marring and secure grab around the circumference of the barrel.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TFA 0,3/600 D	0,3	Ø 400 - Ø 600	*557917

Barrel grab TFA-R

For the transport of steel barrels.



Model	Capacity kg	Jaw capacity mm	EAN-N° 4025092*
TFA 0,35/700R	350	420 - 700	*551014

Barrel grab TFA-TR

For the transport of steel barrels.

Can be used with either an overhead crane forklift truck.



Model	Capacity kg	Jaw capacity mm	EAN-N° 4025092*
TFA 0,35/700TR	350	420 - 700	*551472

Barrel rim clamp TFRK

for the transport of upright barrels - suited for multi-chain systems.

The clamp grabs under the rim of the barrel.
A spring-loaded cam prevents the accidental opening of the clamp.



Model	Capacity tonnes		EAN-N° 4025092*
TFRK	0,5		*556415

Barrel clamp TFK

for the transport of upright barrels with a bead

Its light weight and small overall design make it ideal for picking up barrels that sit tightly on pallets.



Model	Capacity t		EAN-N° 4025092*
TFK	0,5		*556071

Crate grab TKA.../d

with tipping device

A safety lever system prevents the accidental opening of the grab and emptying of the crate. The clamping jaws tightly grab under the rim of the crate without damaging the crate.

Grabs for other sizes of crates are available upon request. Please provide the crate dimensions or a sample crate when ordering.



Model	Capacity kg	Jaw capacity mm	EAN-N° 4025092*
TKA 0,15/330d	150	315 - 330	*551519
TKA 0,15/480d	150	470 - 480	*552103

Crate grab TKA.../a

with external operation

An easy-handling crate grab which grabs externally on the side plates or the front sides of the crate, transports crates safely and without damage.

Grabs for other sizes of crates are available upon request. Please provide the crate dimensions or a sample crate when ordering.



Model	Capacity kg	Jaw capacity mm	EAN-N° 4025092*
TKA 0,25/320a	250	320	*558082
TKA 0,25/480a	250	480	*558044
TKA 0,25/600a	250	600	*558099

Crate grab TKA.../i

with internal operation

An easy-handling crate grab which grabs internally on the side plates or the front sides of the crate, transports crates safely and without damage.

Grabs for other sizes of crates are available upon request. Please provide the crate dimensions or a sample crate when ordering.



Model	Capacity kg	Jaw capacity mm	EAN-N° 4025092*
TKA 0,25/320i	250	320	*558051
TKA 0,25/480i	250	480	*558068
TKA 0,25/600i	250	600	*558075

Beam clamp YC

Capacity 1.000 - 10.000 kg

Provides a quick and versatile rigging point for hoists, pulley blocks or loads.

Optionally available with additional shackle.



Model	Capacity kg	Flange width mm	EAN-N° 4025092*
YC 1	1.000	75 - 230	*055154
YC 2	2.000	75 - 230	*055161
YC 3	3.000	80 - 320	*055192
YC 5	5.000	90 - 310	*055208
YC 10	10.000	90 - 320	*055215

Trolley clamp CTP

Capacity 1.000 - 3.000 kg

The easy installation to any beam makes the CTP suitable for affixing and moving hoists, pulley and loads. Safety is ensured by the special locking lever.



Model	Capacity kg	Flange width mm	EAN-N° 4025092*
CTP 1-A	1.000	60 - 150	*063012
CTP 2-A	2.000	75 - 200	*055437
CTP 2-B	2.000	200 - 300	*055444
CTP 3-A	3.000	75 - 200	*055451
CTP 3-B	3.000	200 - 320	*055468

Tine hook TZH

for fastening load hoisting equipment and loads to forklift tines.

The tine hooks are pushed onto the forklift tines and locked with 2 spindles.



Model	Capacity tonnes	EAN-N° 4025092*
TZH 1,5/150	1,5	*557566
TZH 3,0/150	3,0	*557580
TZH 5,0/150	5,0	*557603
TZH 5,0/200	5,0	*557627
TZH 10,0/200	10,0	*557641

Weld-on hook ASH

Capacity 1.000 - 8.000 kg

Universal attachments for use on trucks, excavators, low loaders, spreader beams, etc.



Model	Capacity kg	EAN-N° 4025092*
ASH 1	1.000	*453073
ASH 3	3.000	*453011
ASH 5	5.000	*453028
ASH 8	8.000	*453035

Spreader beam TTS-E without adjustability

The standard model comes with suspension lug and 2 non-rotating pivoting eye hooks with safety latches. Special versions on request.



Model	Capacity tonnes	Working width mm	EAN-N° 4025092*
TTS 1,0/1000 E	1,0	1.000	*552905
TTS 2,0/1000 E	2,0	1.000	*554534
TTS 3,0/1000 E	3,0	1.000	*552813
TTS 5,0/1000 E	5,0	1.000	*554541
TTS 7,5/1000 E	7,5	1.000	*554558
TTS 10,0/1000 E	10,0	1.000	*554565
TTS 1,0/1500 E	1,0	1.500	*552851
TTS 2,0/1500 E	2,0	1.500	*554572
TTS 3,0/1500 E	3,0	1.500	*552028
TTS 5,0/1500 E	5,0	1.500	*552172
TTS 7,5/1500 E	7,5	1.500	*554589
TTS 10,0/1500 E	10,0	1.500	*554596
TTS 1,0/2500 E	1,0	2.500	*554602
TTS 2,0/2500 E	2,0	2.500	*552769
TTS 3,0/2500 E	3,0	2.500	*552202
TTS 5,0/2500 E	5,0	2.500	*552493
TTS 7,5/2500 E	7,5	2.500	*554619
TTS 10,0/2500 E	10,0	2.500	*554626
TTS 1,0/3500 E	1,0	3.500	*554633
TTS 2,0/3500 E	2,0	3.500	*554640
TTS 3,0/3500 E	3,0	3.500	*552592
TTS 5,0/3500 E	5,0	3.500	*554657
TTS 7,5/3500 E	7,5	3.500	*554664
TTS 10,0/3500 E	10,0	3.500	*554671
TTS 1,0/5000 E	1,0	5.000	*554688
TTS 2,0/5000 E	2,0	5.000	*552523
TTS 3,0/5000 E	3,0	5.000	*554695
TTS 5,0/5000 E	5,0	5.000	*554701
TTS 7,5/5000 E	7,5	5.000	*554718
TTS 10,0/5000 E	10,0	5.000	*554725

Spreader Beam TTS with adjustable hooks

The standard model is delivered with suspension lug and 2 rotating hooks with safety latches, non-pivoting. Centre hook and additional hooks resp. suspension eyes and other special versions on request.



Model	Capacity tonnes	Working width mm	EAN-N° 4025092*
TTS 1,0/1500	1,0	1.500	*552646
TTS 2,0/1500	2,0	1.500	*552295
TTS 3,0/1500	3,0	1.500	*553988
TTS 5,0/1500	5,0	1.500	*551281
TTS 7,5/1500	7,5	1.500	*553995
TTS 10,0/1500	10,0	1.500	*552219
TTS 12,5/1500	12,5	1.500	*554008
TTS 15,0/1500	15,0	1.500	*554015
TTS 20,0/1500	20,0	1.500	*554022
TTS 25,0/1500	25,0	1.500	*554039
TTS 1,0/2500	1,0	2.500	*554046
TTS 2,0/2500	2,0	2.500	*552158
TTS 3,0/2500	3,0	2.500	*552448
TTS 5,0/2500	5,0	2.500	*552424
TTS 7,5/2500	7,5	2.500	*554053
TTS 10,0/2500	10,0	2.500	*554060
TTS 12,5/2500	12,5	2.500	*554077
TTS 15,0/2500	15,0	2.500	*554084
TTS 20,0/2500	20,0	2.500	*554091
TTS 25,0/2500	25,0	2.500	*554107
TTS 1,0/3500	1,0	3.500	*552684
TTS 2,0/3500	2,0	3.500	*554114
TTS 3,0/3500	3,0	3.500	*554121
TTS 5,0/3500	5,0	3.500	*554138
TTS 7,5/3500	7,5	3.500	*554145
TTS 10,0/3500	10,0	3.500	*554152
TTS 12,5/3500	12,5	3.500	*554169
TTS 15,0/3500	15,0	3.500	*551403
TTS 20,0/3500	20,0	3.500	*554176
TTS 25,0/3500	25,0	3.500	*554183
TTS 1,0/5000	1,0	5.000	*554367
TTS 2,0/5000	2,0	5.000	*554374
TTS 3,0/5000	3,0	5.000	*554381
TTS 5,0/5000	5,0	5.000	*554398
TTS 7,5/5000	7,5	5.000	*554404
TTS 10,0/5000	10,0	5.000	*554411
TTS 12,5/5000	12,5	5.000	*554428
TTS 15,0/5000	15,0	5.000	*554435
TTS 20,0/5000	20,0	5.000	*554442
TTS 1,0/8000	1,0	8.000	*554459
TTS 2,0/8000	2,0	8.000	*554466
TTS 3,0/8000	3,0	8.000	*554473
TTS 5,0/8000	5,0	8.000	*554480
TTS 7,5/8000	7,5	8.000	*554497
TTS 10,0/8000	10,0	8.000	*554503
TTS 12,5/8000	12,5	8.000	*554510
TTS 15,0/8000	15,0	8.000	*554527

Spreader Beam TTS

for box pallets

Box pallets with DIN 15155 specifications can be picked up and transported with a spreader beam grab and an overhead crane hooked up to the top of the box pallet's frame.



Model	Capacity tonnes	Length x width mm	EAN-N° 4025092*
TTS 1,0/1240-810	1,0	1240 x 810	*551595
TTS 2,0/1240-810	2,0	1240 x 810	*551236
TTS 3,0/1240-810	3,0	1240 x 810	*553742

Spreader Beam TTB

for Big-Bags

Four-point spreader beam with a fixed frame construction with weld-on hooks and safety latches designed for lifting and transporting Big-Bags.



Model	Capacity tonnes	Working width mm	EAN-N° 4025092*
TTB 1,0/1090-1090	1,0	750 - 800	*556293
TTB 1,0/1320-1320	1,0	900 - 970	*556316
TTB 2,0/1090-1090	2,0	750 - 800	*556330
TTB 2,0/1320-1320	2,0	900 - 970	*556354

Crane forks TKG vhs

with adjustable tines, height adjustability and automatic balancing system

The automatic balancing system requires a minimum load of 20% of the crane forks' working load limit.



Model	Capacity tonnes	Useable height mm	EAN-N° 4025092*
TKG 1,0 vhs	0,2 - 1,0	1.100 - 1.600	*552233
TKG 1,5 vhs	0,3 - 1,5	1.300 - 2.000	*551113
TKG 2,0 vhs	0,4 - 2,0	1.300 - 2.000	*550666
TKG 3,0 vhs	0,6 - 3,0	1.300 - 2.000	*551090
TKG 5,0 vhs	1,0 - 5,0	1.300 - 2.000	*554794
Option: 5 m chain for load securing			*507356

Crane forks TKG vh

with adjustable tines, height adjustability and manual balancing system



Model	Capacity tonnes	Useable height mm	EAN-N° 4025092*
TKG 1,0 vh	1,0	1.100 - 1.600	*552370
TKG 1,5 vh	1,5	1.300 - 2.000	*551052
TKG 2,0 vh	2,0	1.300 - 2.000	*554756
TKG 3,0 vh	3,0	1.300 - 2.000	*551564
TKG 5,0 vh	5,0	1.300 - 2.000	*554763
Option: 5 m chain for load securing			*507356

Concrete pipe lifting gear BTG

3-legged lifting system for the safe and non-marring vertical transport of concrete pipes up to dia 2000 mm and a load of 3 tonnes. For concrete pipes to DIN 4034.

Lifting gear for concrete pipe up to dia 3000 mm available on request.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
BTG 1,5/120	1,5	40 - 120	*550147
BTG 3,0/180 TM-N	3,0	50 - 180	*551199
BTG 3,0/220 TM-N	3,0	90 - 220	*550819

Trench shield grab TCP

for the transport of single trench shields

Once the grab is set onto the trench shield, a spring-loaded bolt ratches into the plank. Unbolting is done with the 15 m pull cord attached to the grab.



Model	Capacity tonnes		EAN-N° 4025092*
TCP 1,5	1,5		*555807
TCP 3,0	3,0		*555791
TCP 5,5	5,5		*555784

Trench shield clamp TPP

The compact construction with a high working load limit makes it ideal for pulling trench shields out of the ground.



Model	Capacity tonnes	Jaw capacity mm	EAN-N° 4025092*
TPP 3	3,0	0 - 20	*556255
TPP 8	8,0	0 - 30	*556217
TPP 12	12,0	0 - 30	*556231

Crane weigher TKA

with LCD display

It can tare as well as show either the gross or the net load. It also indicates the overload protection at 110% of the gross weight and the status of the battery.
Accuracy: 0,1% of nominal load
Scope of delivery: Crane weigher, battery charger, carrying case, test certificate.



Model	Measuring range kg	Weight kg	EAN-N° 4025092*
TKA 1,0	0 - 1.000	3,0	*557368
TKA 2,0	0 - 2.000	3,6	*557382
TKA 3,2	0 - 3.200	5,9	*557405
TKA 5,0	0 - 5.000	7,3	*557429
TKA 8,0	0 - 8.000	10,5	*557443
TKA 12,0	0 - 12.000	19,8	*558365

Crane weigher TWF

with radio control and RS 232 interface

The concept of the crane weigher TWF corresponds to model TKA. In addition the TWF is provided with (cordless) radio control which allows to take the readings off the remote control device.
Scope of delivery: Crane weigher, battery charger, radio remote control, carrying case, test certificate.



Model	Measuring range kg	Weight kg	EAN-N° 4025092*
TWF 1,0	0 - 1.000	3,0	*558242
TWF 2,0	0 - 2.000	3,6	*558259
TWF 3,2	0 - 3.000	5,9	*558266
TWF 5,0	0 - 5.000	7,3	*558273
TWF 8,0	0 - 8.000	10,5	*558280
TWF 12,0	0 - 12.000	19,8	*558372

Option: PC cable and user software

Crane weigher TKF

with digital display and infra-red remote control

LED display, height 50 mm, 4 ½ digits. Integrated optical overload warning and low battery warning.
Accuracy: 0,1% of nominal load
Scope of delivery: Crane weigher with integrated replaceable storage battery, battery charger, remote control device, exchangeable storage batter, test certificate.



Model	Measuring range kg	Weight kg	EAN-N° 4025092*
TKF 5	0 - 5.000	19,0	*550291
TKF 10	0 - 10.000	29,0	*550338
TKF 20	0 - 20.000	64,0	*550697

Digital load indicator TKZ

Integrated optical overload warning and low battery warning. Accuracy: 0,2% of nominal load

Scope of delivery: Digital load indicator, battery charger, carrying case and test certificate, but without shackle and hook.



Model	Measuring range tonnes	Weight kg	EAN-N° 4025092*
TKZ 2,5	0 - 2,5	2,8	*557467
TKZ 5,0	0 - 5,0	3,4	*557481
TKZ 10,0	0 - 10,0	4,4	*550116
TKZ 20,0	0 - 20,0	7,6	*550093
TKZ 35,0	0 - 35,0	10,0	*550444
TKZ 50,0	0 - 50,0	25,0	*550369
TKZ 100,0	0 - 100,0	41,0	*557504

Digital load indicator TZF

with radio control and RS 232 interface

The concept of the load indicator TZF corresponds to model TKZ. In addition the TZF is provided with (cordless) radio control which allows to take the readings from a distance.

Scope of delivery: Digital load indicator, battery charger, carrying case and test certificate, but without shackle and hook.



Model	Measuring range tonnes	Weight kg	EAN-N° 4025092*
TZF 2,5	0 - 2,5	2,8	*558105
TZF 5,0	0 - 5,0	3,4	*558112
TZF 10,0	0 - 10,0	4,4	*558129
TZF 20,0	0 - 20,0	7,6	*558136
TZF 35,0	0 - 35,0	10,0	*558143
TZF 50,0	0 - 50,0	25,0	*558150
TZF 100,0	0 - 100,0	41,0	*558167

Option: PC cable and user software

Shackles and hooks for load indicators TKZ and TZF



Model	Shackle 4025092*	Hook 4025092*
TKZ/TZF 2,5	*453653	*557665
TKZ/TZF 5,0	*456722	*557689
TKZ/TZF 10,0	*453714	*551311
TKZ/TZF 20,0	*453714	*551007
TKZ/TZF 35,0	*453738	*552226
TKZ/TZF 50,0	*453745	*555050
TKZ 100,0	*456746	-

Plate clamp model Shark

This clamp is primarily used for transporting single steel plates in the vertical position, as well as lifting and turning through 180°, up to a surface hardness of HRC 40.



Model	EAN-No. 4025092*	Capacity kg	Jaw capacity Z mm	Weight kg
Shark 1.0	*558808	1000	0 - 20	3.3
Shark 2.0	*558815	2000	0 - 32	6.8

Plate clamp with hinged hook ring model Shark-S

This clamp is primarily used for transporting single steel plates in the vertical position, as well as lifting and turning through 180°, up to a surface hardness of HRC 40. With hinged hook ring to be used as a two-legged lifting system.



Model	EAN-No. 4025092*	Capacity kg	Jaw capacity Z mm	Weight kg
Shark-S 1.0	*558822	1000	0 - 20	3.6
Shark-S 2.0	*558839	2000	0 - 32	7.8