MARCA MAKİNA A.Ş.

Edition 01



MARCA MAKİNA

Product

CATALOGUE

MARCA MAKINA A.Ş. | LIFTOUGH

MARCA MAKİNA

Product

CATALOGUE



02 About Us
04 Why Choose Marca Makina?
05 You Can Plan Your Safety
06 Basics of Lifting & Rigging User Training
07 **LIFTING EQUIPMENT**
08 Webbing Sling With Eye
09 Round (Endless) Slings
09 Round (Endless) Sling With Eye
10 KICK Manual Hoist
12 KICK 3R 360 Manual Hoist
14 PULL Lever Hoist (HUBZUG)
16 PULL Aluminum Lever Hoist (HUBZUG)
18 PULL WR Lever-Operated Wire Rope Hoist
19 BITE Lifting Clamp
20 RIDE Push Trolley
22 RIDE W Chain-Driven Geared Trolley
24 RIDE FX Beam Clamp
25 JACK RP Mechanical Jack
26 **LIFTING ATTACHMENTS**
54 **ACCESS EQUIPMENT**
54 REACHTOUGH RG Service Elevator
55 SREACHTOUGH LG Service Elevator

About Us

Marca Makina is Turkey's leading supplier of lifting and conveying products and related service solutions.







Marca Makina offers its customers comprehensive solutions for lifting and conveying products, ranging from product supply to repair, maintenance, testing and inspection, contract-based rental, training, and certification management. Marca Makina not only stands out in the industry as a supplier of high-quality lifting and conveying products and a technical solutions partner, but also specializes in custom designs and manufacturing in compliance with TS EN standards. In addition, Marca Makina;

- A product portfolio consisting of products from the world's leading manufacturers, maintained from stock
- A qualified team of engineers and technical staff
- Repair, maintenance, inspection, and testing capabilities
- Certification and a management system for lifting and handling equipment
- Consulting, installation, training, and service for lifting and handling equipment
- Design, manufacturing, installation, and service of personnel access systems
- Services in the areas of supply, installation, training, and inspection of systems and equipment for working at heights and workplace safety, as well as periodic inspections and seminars.

Marca Makina has earned a well-deserved reputation for its innovative solutions in these areas, while also helping its customers save money through the right product selection.

Marca Makina serves markets with extremely broad and equally demanding requirements, such as MANUFACTURING, INDUSTRY, CONSTRUCTION, AUTOMOTIVE, ENERGY, INFRASTRUCTURE, MINING, PORTS, MARITIME, RAIL TRANSPORTATION, and the DEFENCE INDUSTRY.

Marca Makina maintains a stock of over 10,000 industrial products from the most reputable brands and stands by its customers with an infrastructure capable of quickly responding to any need.















Why Choose Marca Makina?

Founded in 2008, MARCA Makina offers solutions in the fields of material handling, conveyance, and personnel access and safety, while producing certified, custom-tailored projects that comply with Turkish and European standards.

In collaboration with world-class leading manufacturers and its sister company, 2M Makina, Marca Makina provides the industry with the most technologically advanced and innovative products, along with first-class after-sales service.

MARCA Makina aims to provide its customers with the best possible service in areas such as trouble shooting, design and solution development, production, installation, rental, maintenance, and training, through its team of expert design engineers, project and product management engineers, and production and quality control technicians.



You Can Plan Your Safety

Marca Makina On-Site Maintenance Service

We perform “serviceability” inspections and maintenance on all types of lifting and rigging equipment in accordance with EN 13155. Our certified service technicians inspect your equipment in accordance with ISO standards.



- Failing to perform the necessary maintenance and inspections on your lifting and rigging equipment, you may face serious consequences.
- Marca Makina ensures that your equipment complies with the 2006/42/EC regulations by conducting inspections and tests in accordance with EN 13155 and other relevant standards.
- Your lifting and rigging equipment is certified through non-destructive testing in accordance with the relevant standards. No damage is caused to your lifting equipment during these tests; only the test loads and conditions are applied
- Your tensioning equipment is inspected and repaired in accordance with EN 12195-2 standards. Inspections and tests of your other equipment are conducted under the most rigorous conditions specified by the relevant standards.

For more information, contact Marca Makina.



Analysis | Visual Inspection | Measurement | N.D. Crack Test | Maintenance | Certification

Don't Neglect Your

Safety!

Thanks to our mobile service and maintenance team, we save you from transportation costs! Through on-site inspections and tests, we determine whether your lifting equipment is in working order and decide whether you need to purchase new equipment.

Our service vehicles are fully equipped with all the necessary tools and equipment to perform on-site testing and inspections, and we carry out most repairs and maintenance on-site.

Based on the report we provide after completing the tests and inspections, we can also offer on-site emergency repair and maintenance services.

With long-term and annual inspection and testing contracts, we relieve you of the burden of having to worry about the periodic inspection of your lifting equipment.

Basics of Lifting & Rigging User Training





Training Content:

- Definition & Classification of Lifting Equipment
- Definition & Use of Lifting Accessories
- Types and Characteristics of Slings
- Basic Rigging Rules / Angled Lifting with Multiple Slings
- Points to Consider During Lifting and Transport
- Step-by-Step Lifting Operation
- Types of Inspections
- The Importance of Visual Inspections Before Each Use
- How to Inspect Lifting Accessories
- Final Exam

Accessories to be Used During Training



General Accessories: (Sling Variations, Shakle, Eyebolt, Magnet, Lifting Clamp, Protective Sleeves)



Note: All of the materials listed above will be provided by us at the training site..

Requirements for the Training Site



- Whiteboard
- Projector
- Sound System
  (Can be provided by us upon request)

Structure of the Participant Group

The group participating in each training session should consist of between 10 and 20 people. Groups exceeding this number will not be accepted.

We recommend that your employees from every link in the production chain participate in the same group and receive training together. In this way, we aim to develop and strengthen communication among the members of each group (Production, Occupational Safety and Health, Purchasing) during the training.

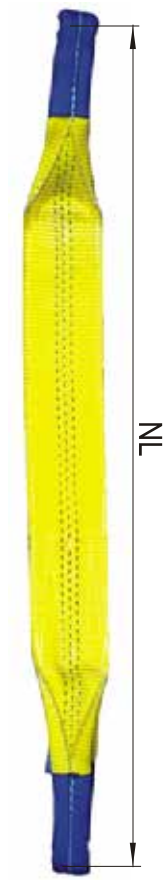
Note: Upon completion of the training, each participant who successfully passes the exam will be issued a Basics Of Rigging Training Certificate of Participation.



MARCA MAKİNA A.Ş.

Lifting Equipment

Webbing Sling With Eye



STANDARD 2 PLY FLAT (WOVEN) POLYESTER SLING WITH EYE

Colour	Width mm	Layer	Min. Length m	Max. Length m	W.L.L. kg	W.L.L. kg	W.L.L. kg	W.L.L. 45° kg	W.L.L. 60° kg	Eye Size mm
	30	2	1.0	20	1000	800	2000	1400	1000	90
	60	2	1.0	20	2000	1600	4000	2800	2000	180
	90	2	1.0	50	3000	2400	6000	4200	3000	270
	120	2	2.0	50	4000	3200	8000	5600	4000	360
	150	2	2.0	50	5000	4000	10000	7000	5000	450
	180	2	2.0	50	6000	4800	12000	8400	6000	450
	240	2	3.0	50	8000	6400	16000	11200	8000	600
	300	2	3.0	50	10000	8000	20000	14000	10000	750



Eye folded to onethird of its width

An eye folded from one edge to half its width

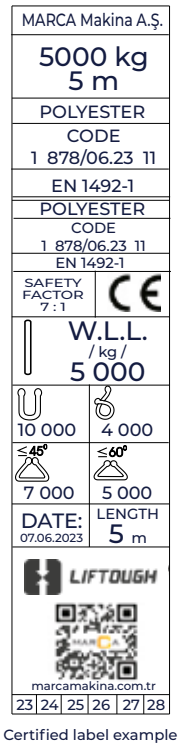
Foded from both edges by half its width

Reversed eye

Flat eye

- Safety factor 7:1
- Color coding complies with EN 1492-1 standards
- Each ton of "W.L.L." has one black stripe

For webbing and round slings, the technical requirements and manufacturing specifications are established by the EN 1492-1 and 1492-2 standards for Europe and Turkey. Compliance of textile slings with European standards is indicated by the CE mark.



Certified label example

STANDARD FOUR-LAYER EYE (WOVEN) POLYESTER SLINGS

Colour	Width mm	Layers	Min. Length m	Max. Length m	W.L.L. kg	W.L.L. kg	W.L.L. kg	W.L.L. 45° kg	W.L.L. 60° kg	Eye Size mm
	30	4	1.0	20	1000	800	2000	1400	1000	120
	60	4	1.0	20	2000	1600	4000	2800	2000	230
	90	4	1.0	50	3000	2400	6000	4200	3000	320
	120	4	2.0	50	4000	3200	8000	5600	4000	360
	150	4	2.0	50	5000	4000	10000	7000	5000	420
	180	4	2.0	50	6000	4800	12000	8400	6000	500
	240	4	3.0	50	8000	6400	16000	11200	8000	700
	300	4	5.0	50	10000	8000	20000	14000	10000	850

Round (Endless) Slings

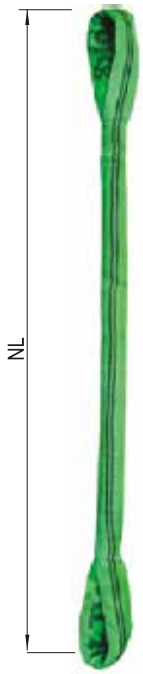


Colour	Min. Length m	Max. Length m	W.L.L. kg	kg	kg	45° kg	60° kg
	0.5	20	1000	800	2000	1400	1000
	0.5	20	2000	1600	4000	2800	2000
	0.5	50	3000	2400	6000	4200	3000
	0.5	50	4000	3200	8000	5600	4000
	0.5	50	5000	4000	10000	7000	5000
	1.0	50	6000	4800	12000	8400	6000
	3.0	50	8000	6400	16000	11200	8000
	2.5	50	10000	8000	20000	14000	10000
	2.5	50	20000	16000	40000	28000	20000
	2.5	50	30000	24000	60000	42000	30000
	2.5	50	40000	32000	80000	56000	40000
	2.5	50	50000	40000	100000	70000	50000
	2.5	50	60000	48000	120000	84000	60000
	2.5	50	80000	64000	160000	112000	80000
	2.5	50	100000	80000	200000	140000	100000

- Safety factor 7:1
- Color coding complies with EN 1492-1 standards
- Each ton of "W.L.L." has one black stripe

For eye and ring slings, the technical requirements and manufacturing specifications are set out in the EN 1492-1 and 1492-2 standards for Europe and Turkey. Compliance of textile slings with European standards is indicated by the CE mark.

Round (Endless) Sling With Eye



Colour	Width mm	Eye Height mm	Min. Length m	Max. Length m	W.L.L. kg	kg	kg	45° kg	60° kg
	35	150	0.5	10	1000	800	2000	1400	1000
	40	200	0.5	10	2000	1600	4000	2800	2000
	50	200	0.5	20	3000	2400	6000	4200	3000
	60	300	0.5	20	4000	3200	8000	5600	4000
	70	300	0.5	20	5000	4000	10000	7000	5000
	75	400	1.0	50	6000	4800	12000	8400	6000
	86	400	1.5	50	8000	6400	16000	11200	8000
	100	500	2.5	50	10000	8000	20000	14000	10000
	130	600	2.5	50	20000	16000	40000	28000	20000

- Safety factor 7:1
- Color coding complies with EN 1492-1 standards
- Each ton of "W.L.L." has one black stripe

KICK Manual Hoist

- Overload protection with a slip clutch system.
- Reinforced safety lock for the suspension and load hook.
- Quick installation of the suspension hook.
- Lifetime warranty on the braking mechanism.
- Low maintenance requirements thanks to sintered brake pads.
- Enhanced corrosion protection thanks to galvanized & powder-coated components.
- Long service life thanks to a robust construction and steel body.
- Maximum capacity with minimum drive power.
- EN 13157 or TS EN 13157+A1



If the sintered brake pads are worn out, please return the brake wheel to us; we will send you a new brake wheel with sintered brake pads free of charge. Installation costs for the new parts will not be reimbursed.

It is also available with an optional ATEX compliance certificate.



With Load Limiter

Custom paint upon request



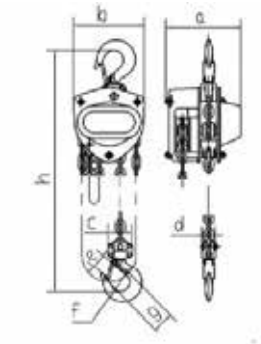
Quick-release suspension hook without removing the body

Overload protection with a slip clutch system

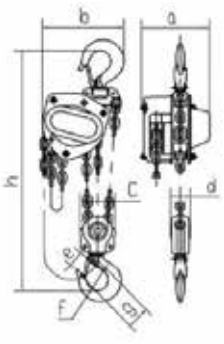


Suitable for high lifting heights.

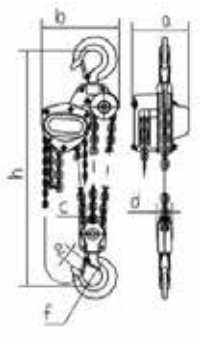
Capacity / Chain Hardware kg	Load Chain mm	Hand Chain mm	Chain Drive Required at 30 Metres m	Required Pull Force kg	Weight of the Lifting Unit kg	Weight for Additional 1 m Lift kg
500 / 1	5 x 15	4,8 x 22	1112	23	7,5	1,5
1000 / 1	6,3 x 19,1		690	28	13	1,8
1500 / 1	7,1 x 21		519	34	16	2,1
2000 / 1	8 x 24	5 x 25	423	35	23	2,3
3200 / 1	10 x 30		310	35	28	3,2
5000 / 2	9 x 27		151	33	41	4,4
10000 / 4	9 x 27		76	35	66	7,9
20000 / 8	9 x 27		51	36	205	15,8



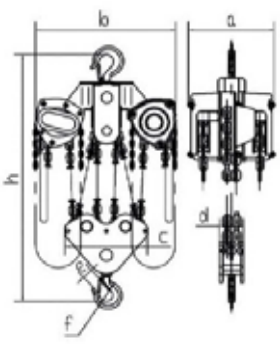
500 - 3200 kg



5000 kg



10000 kg



20000 kg

Capacity / Chain Hardware kg	Main Dimensions (mm) A	B	C	D	E	F	G	H
500/1	131	140	43	25	27	32	35	285
1000/1	162	161	51	30	33	40	45	295
1500/1	170	182	64	34	34	42	47	350
2000/1	184	203	64	34	37	46	52	375
3200/1	191	235	69	39	44	50	62	485
5000/2	192	282	133	64	51	60	79	600
10000/4	192	360	263	95	64	85	-	760
20000/8	230	655	286	123	82	110	-	1150

KICK 3R 360 Manual Hoist



- Overload protection with a slip clutch system.
- Reinforced safety lock for the suspension and load hook.
- Easy control from any angle thanks to the 360-degree rotatable hand-driven chain pulley.
- Low maintenance requirements thanks to sintered brake pads.
- Enhanced corrosion protection thanks to galvanized & powder-coated components.
- Long service life thanks to a robust construction and steel body.
- Maximum capacity with minimum drive power.
- EN 13157 or TS EN 13157+A1



With Load Limiter

360˚ Rotating Drive Chain Pulley



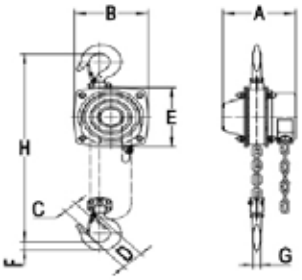
Easy control from any angle thanks to the 360-degree rotatable hand-driven chain pulley.

Overload protection with a slip clutch system

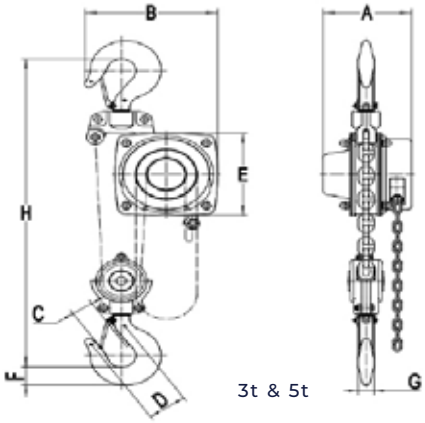


Suitable for high lifting heights.

Capacity / Chain Hardware kg	Load Chain mm	Hand Chain mm	Chain drive for 1 Meter Lifting m	Required Manual Driving Force kg	Weight of the Lifting Unit kg	Weight for Additional 1 m Lift kg
500 / 1	5 x 15	5 x 25 x 18	25,2	26,5	9,1	1,5
1000 / 1	6 x 18		35,7	37,5	11,7	1,7
1500 / 1	8 x 24		60,5	33	18,5	2,3
2000 / 1	8 x 24		60,5	42	19,7	2,3
3000 / 2	8 x 24		121	34,5	24,7	3,6
5000 / 2	10 x 30		155	44	55,5	5,2



0.5t & 2t



3t & 5t

Capacity / Chain Hardware kg	Main Dimensions (mm) A	B	C	D	E	F	G	H
500/1	129	138	21,5	43	138	21	14	335
1000/1	153	155	26,5	51	150	24	15,5	390
1500/1	180	190	31	52	190	27	19	410
2000/1	180	190	32	56	190	30	20	460
3000/2	180	232	38	62	190	32	24,5	540
5000/2	185	278	46	84	210	45,5	33	680

PULL Lever Hoist (HUBZUG)



- Overload protection with a slip clutch system.
- Reinforced hook safety lock.
- Longer maintenance periods thanks to sintered brake pads.
- 3-year warranty*.
- Enhanced corrosion protection thanks to galvanized & powder-coated components.
- Shortened lever length and lightweight design for easy use.
- Lifetime warranty on the braking mechanism.
- 1.5 m standard lifting height.
- EN 13157 or TS EN 13157+A1

* *No warranty is provided in cases of misuse or wear and tear. Please refer to our warranty terms and our General Terms and Conditions.*

PULL

Overload protection with a slip clutch system









800 kg | 1,6 t | 3,2 t | 6,3 t | 9 t

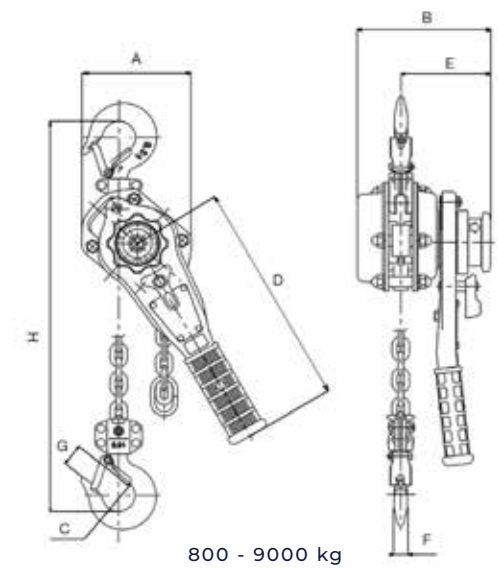


Capacity / Chain Hardware	Load Chain	Head Room C	Lever Pressure, Full Load	Weight[1]	Weight for Additional 1 m Lift
kg	mm	mm	kg	kg	kg
800 / 1	5,6 x 15,8	280	25	5,7	0,7
1600 / 1	7,1 x 20,1	335	30	8,0	1,1
3200 / 1	10 x 28,1	395	32	15,0	2,3
6300 / 2	10 x 28,1	540	34	26,0	4,7
9000 / 3	10 x 28,1	680	35	40,0	7,0

[1] *Standard Weight with a Lifting Height of 1.5 Meters*



1600 + 3200 kg
Optionally, you can purchase it with a Special Shipyard Hook that is designed to withstand loading from the hook tip.



800 - 9000 kg

Capacity / Chain Hardware	Main Dimensions (mm)							
kg	A	B	C	D	E	F	G	H
800 / 1	119	144	36	245	97	14	24	280
1600 / 1	126	159	43	265	100	19	32	335
3200 / 1	159	190	50	415	112	24,5	39	395
6300 / 2	217	190	60	415	112	34	50	540
9000 / 3	304	190	85	415	112	42	73	680

PULL Aluminum Lever Hoist (HUBZUG)

- Lightweight – easy to use.
- Aluminium body.
- Up to 45% lighter than standard lifting systems.
- Reinforced safety lock.
- Zinc-coated load chain compliant with the EN 818-7 standard.
- Comes with a ready-made belt bag for convenient transport.
- 1.5 m standard lifting height.



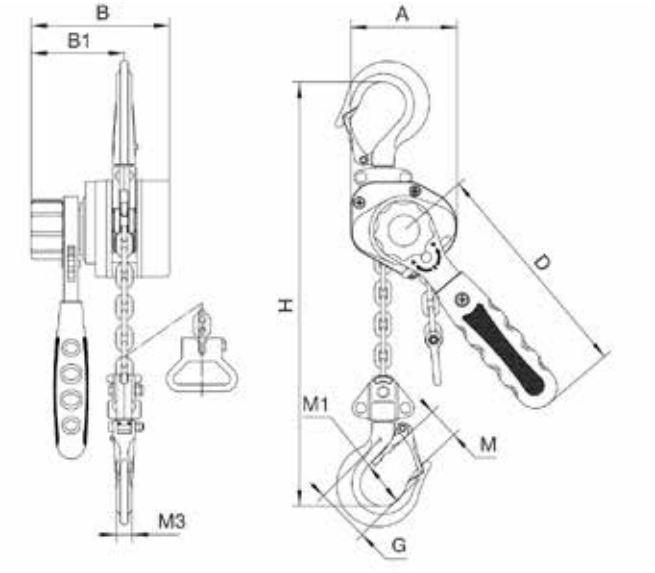
ALU Lightweight-easy to use







Capacity / Chain Hardware	Load Chain	Head Room Length	Lever Pressure, Full Load	Standard Weight with a Lifting Height of 1.5 Meters	Weight for Additional 1 m Lift
kg	mm	mm	kg	kg	kg
250 / 1	3,0 x 9,0	205	18	2	0,2
500 / 1	4,2 x 12,2	240	32	2,9	0,4





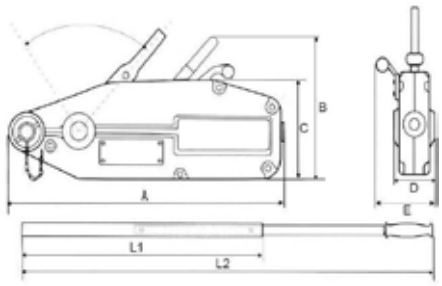
53/22 A

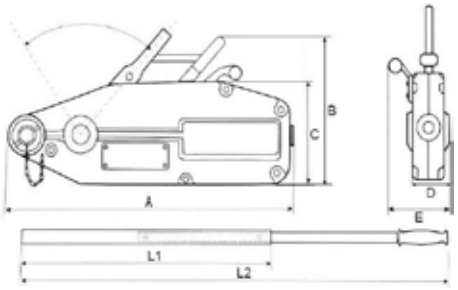
Capacity / Chain Hardware	Main Dimensions (mm)								
kg	A	B	B1	D	G	M	M1	M3	H
250 / 1	76	98,5	65,5	145	36,5	21	32	11	205
500 / 1	81	107	70,5	158,5	42	22,5	34,5	12	240

PULL WR Lever-Operated Wire Rope Hoist

- Durable and robust aluminum alloy body
- Practical, lightweight, and strong
- Quick installation
- 20-meter standard steel cable length (There is no limit on steel cable length; optional cables are available)
- Safety pin providing overload protection
- Drive system suitable for precise load positioning
- Adjustable telescopic drive arm
- Compliant with EN 13157 standard: higher breaking strength, increased durability
- Optional: Pull capacity can be increased with the use of a wheel/pulley.







TECHNICAL SPECIFICATIONS

Art. No	Model	W.L.L. ton	Lever Pressure, Full Load N	Movement* mm	Wire Rope Diameter mm	Lever Length mm	Weight kg
PULL WR	YAL 08	0,8	341	>52	8,3	800	6,4
PULL WR	YAL 016	1,6	412	>55	11,0	1200	12,4
PULL WR	YAL 032	3,2	441	>28	16,0	1200	23,3
PULL WR	YAL 054	5,4	850	>25	20,0	1200	58,0

** Distance travelled along the rope as a result of a back-and-forth arm movement.*

DIMENSIONS

W.L.L. ton	A mm	B mm	C mm	D mm	E mm	L1 mm	L2 mm
0,8	440	255	168	60	64	-	800
1,6	560	295	190	72	97	692	1200
3,2	675	350	230	91	116	692	1200
5,4	940	440	300	110	150	692	1200

BITE Lifting Clamp



Safety Factor: min. 3

Static Test Load: WLL x 1,25 Standartlar: EN 13155

Operating Temperature: -10°C to +50°C.

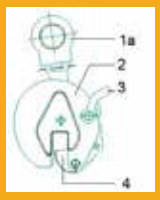
These lifting clamps are suitable for the vertical lifting of hard metal plates by clamping them with the gripping teeth.

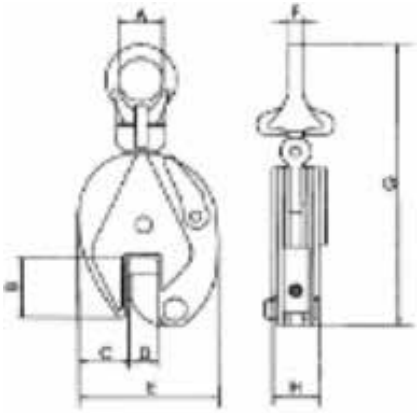
Markings

The following information is provided on LIFTOUGH BITE U lifting clamps:

- Manufacturer: LIFTOUGH
- Model: BITE U
- Working Load Limit (WLL)
- Jaw Opening
- Serial Number
- Date of Manufacture
- CE Marking

1. Lifting eye
2. Body
3. Locking lever
4. Gripping tooth





Capacity / Chain Hardware	Load Chain	Jaw Opening	A	B	C	D	E	F	G	H	Weight
kg	ton	mm	mm								kg
U 05	0.5	15	30	43	34,5	0-17	103	10	212	36	2,0
U1	1	20	48	63	51	0-22	138	12	294	50	4,8
U2	2	25	68	76	56	0-27	154	16	370	52	6,5
U3	3	30	74	85	59	0-32	193	20	418	78	15
U5	5	50	80	90	65	0-52	240	22	450	88	23

RIDE Push Trolley

- Integrated derailment protection.
- Trolley wheels made of forged steel.
- Excellent mobility thanks to wheels with ball bearings.
- Easy to installation and use.
- Adjustable to fit many standard beam sizes.
- EN 13157 or TS EN 13157+A1





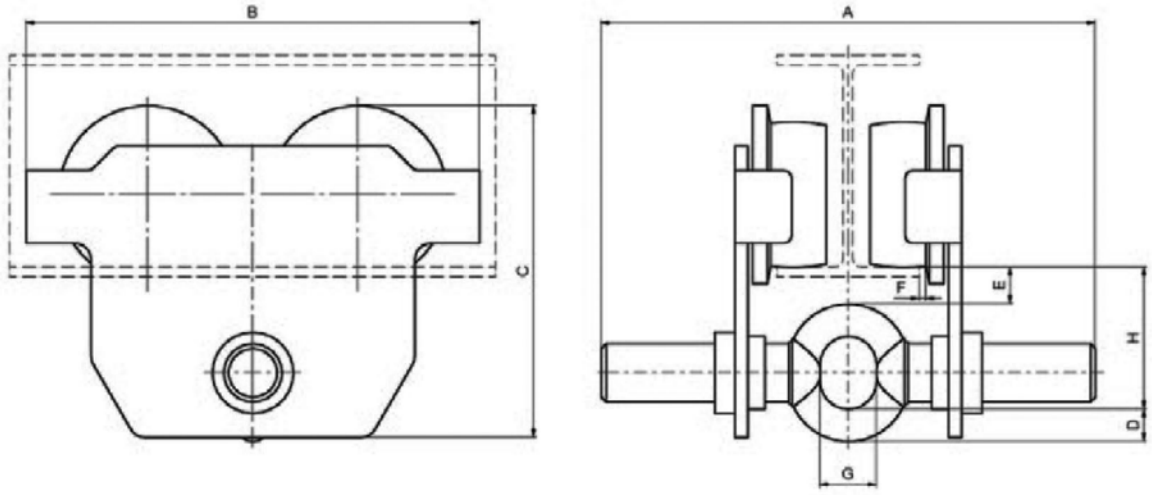
Trolley with threaded bolt for easy adjustment of the flange width

Modification for a radiused beam

Also available in black



Capacity	Adjustable Flash Range	Drive Shaft	Min. Turn Radius	Weight
kg	mm	Dimension	m	kg
500	58-220	1N	0,6	5
1000	58-220	1N	0,8	8,8
2000	66-220	1N	0,9	14



Capacity / Chain Hardware	Main Dimensions (mm)							
kg	A	B	C	D	E	F	G	H
500	287	198	158	12,5	40	3	25	80
1000	300	238	183	17	31	3	29	85
2000	304	277	208	20	31	3	36	88

RIDE W Chain-Driven Geared Trolley



- Integrated derailment protection.
- Trolley wheels made of forged steel.
- Excellent mobility thanks to wheels with ball bearings.
- Easy to install and use.
- Adjustable to fit many standard beam sizes.
- EN 13157 or TS EN 13157+A1



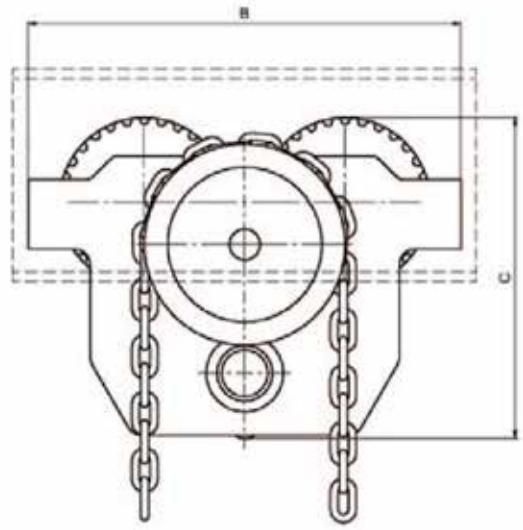
Trolley with threaded bolt for easy adjustment of the flange width

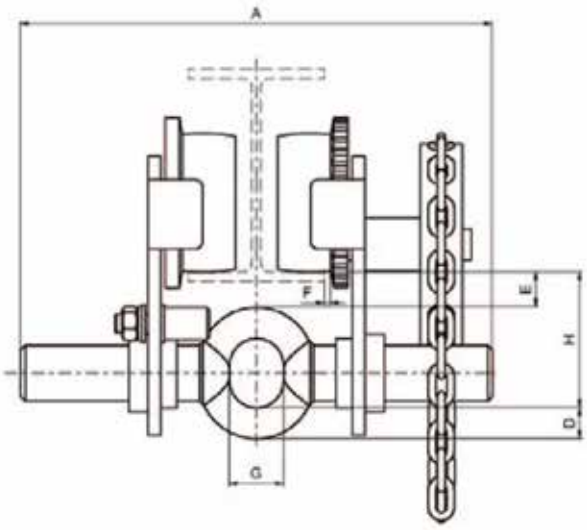
Modification for a radiused beam

Also available in black



Capacity kg	Adjustable Flash Range mm	Load Shaft Dimension	Distance Traveled with a 30-meter Chain Drive m	Pull Force at Max Load daN	Turn Radius m	Weight kg
1000	58-220	1N	9,5	6	0,8	12,5
2000	66-220	1N	10,8	11	0,9	17
3000	74-220	1N	10	12	1,3	28
5000	90-305	1N	8	14	1,4	45





Capacity / Chain Hardware kg	Main Dimensions (mm) A	B	C	D	E	F	G	H
1000	291	238	183	17	31	3	30	86
2000	301	277	208	20	31	3	35	88,5
3000	325	324	249	26	31	3	46	118
5000	360	373	296,5	28	40	5	50	126

RIDE FX Beam Clamp

Safety Factor: 5:1
Static Test Factor: WLL x 2
Standards: EN 13155 & AS4991
Design Life: 20.000 cycles
Operating Temperature: -10°C ila +50°C.

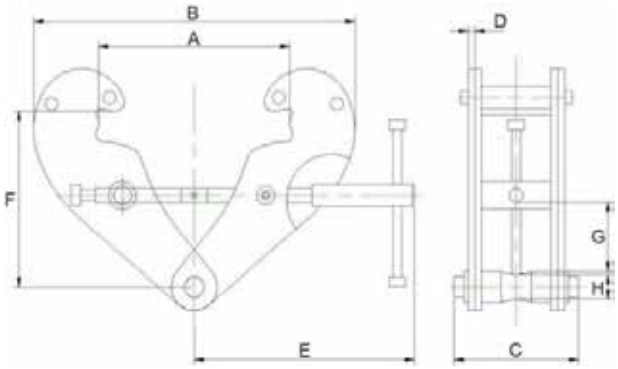
RIDE FX is intended for general use. It is designed to be mounted on the lower flange of an Ibeam for suspending a load or lifting device. The beam clamp is secured using two hinged arms connected by a toothed rod in a scissor-like configuration.



Markings

LIFTOUGH RIDE FX beam clamps are typically marked with the following:

- Manufacturer: LIFTOUGH
- Model Name: RIDE FX
- Working Load Limit (WLL)
- Beam Width Range
- Serial Number
- Date of Manufacture
- CE Markings



Model	W.L.L. ton	1 Girder	A max Width mm	B min.	B max	C	D	E	F min.	F max	G min.	H	Weight kg
FX 1	1	75-220	260	180	360	64	5	215	102	155	25	22	4,5
FX 2	2	75-220	260	180	360	74	6	215	102	155	25	22	5,0
FX 3	3	80-320	354	235	490	103	8	260	140	225	45	24	10,5
FX 5	5	80-320	354	235	490	110	10	260	140	225	45	28	11
FX 10	10	80-350	400	250	520	120	12	280	160	230	70	44	16

JACK RP Mechanical Jack



Mechanical jacks feature a robust, all-steel construction consisting of a rack and pinion. To ensure safe and long-lasting operation, the jacks are manufactured from high-strength materials. The nominal capacity represents the actual working capacity. Jacks are equipped with a folding drive handle featuring a braking mechanism. They enable lifting of heavy loads with minimal operating force. When lifting loads, the load can be applied to either the head or the jaw (claw) section.

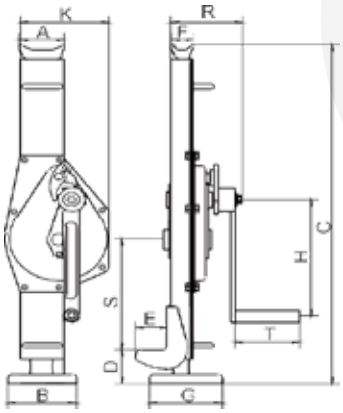
Product Description

The LIFTOUGH JACK RP mechanical rack jack is made of high-strength steel and is available in various capacities. The lifting mechanism is well-protected inside a steel housing to guard against damage and dirt. The jack is designed to lift loads using only manual force via the crank handle. When the handle is released, the brake claws hold the load in place. JACK RP jacks are designed to be loaded onto an upper support or a lower foot support. The jacks are designed to be used to temporarily lift the load until it is safely lowered onto a fixed support.

Relevant Standard: EN 1494

Test Load: Each jack is tested at 1.25 x WLL before leaving the factory.

Operating Temperature: -20°C to +50°C.



TECHNICAL SPECIFICATIONS

Model	W.L.L. (tonnes)	Lifting Arm Force (N)	Weight (kg)
JACK RP 5	5	235	27,0
JACK RP 10	10	431	47,0
JACK RP 20	20	650	72,0
JACK RP 25	25	750	93,0

DIMENSIONS

W.L.L.	A	B x G	Lifting Height C	Nail Height D	E	F	H	R	K	T
ton	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
5	105	145x170	730-1080	70-420	70	68	285	155	190	126
10	120	145x170	795-1160	83-448	80	73	330	185	252	255
20	153	150x182	865-1180	125-440	85	90	360	224	275	255
25	153	150x182	950-1360	110-520	85	90	360	200	388	255

MARCA MAKİNA A.Ş.

Lifting Attachments

1. Legal Principles



- Trade Union Regulations, Section 2.8 Information (formerly VBG 9a—Law on Contract Workers
- Configurations and Applications of Lifting Attachments in Lifting Systems
- Marking Directive 98/37/EG

Provides high-quality functionality



A welding suitability certificate must be obtained for dynamic and static lifting applications in accordance with DIN 18800, Part 7, and DIN 15018.

Lifting attachments must be fabricated in accordance with DIN EN 287-1 under the continuous supervision and control of a welding engineer. Only materials accompanied by an inspection certificate issued in accordance with EN 10204 should be used.

The inspection process and basic measurement principles must be carried out in accordance with DIN EN 13155 (lifting attachments without cranes) and DIN 15018.

All lifting attachments are designed and manufactured in accordance with the relevant standards.

According to these standards, a static overload test must be conducted using a load equal to twice the nominal load capacity; this test must reveal no permanent or visible damage (overloading must never be permitted during normal use).

2. Lifting Attachments Designed by Experts

A project executed to the highest standarts ensures flawless operation

By maintaining constant communication with the client from the planning stage onward, we ensure an optimal understanding of the concept.

You can postpone the construction process using the latest CAD systems and computer-aided calculation software, or make changes at any time.



On-site expert consulting

Our team of experienced consultants brings you the expertise gained from solving a wide range of problems. This enables users to more easily analyze their working conditions and requirements and incorporate them into their operations.

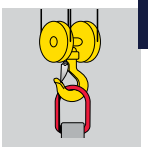
Certification Each lifting attachment is equipped with its own identification label. This label includes the manufacturer's name,load capacity, self-weight, a comprehensive user manual for the lifting attachment, a certification of conformity, and statements of compliance with standards. Test certificates and special inspections conducted by third parties (Lloyd's Register, Norske Veritas, TÜV, etc.) can be provided for an additional fee. CE declarations and user manuals are provided for the delivered lifting attachment. In special cases related to the work environment, a more comprehensive risk analysis may be required.

3. Application and Methods of Operation

Traverses

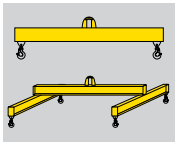
The following standard configuration options and standard product variations are available. Any feature can be combined on the traverse as desired.

Crane Part



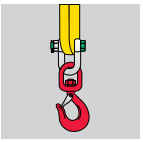
- 2, 3, or 4-leg chain slings may be equipped with a chain shortening clamp.
- The load's center of gravity can be determined by shortening one chain at a time or several chains.
- The sling can be adjusted to a fixed, symmetrical, or asymmetrical configuration.
- The sling position is adjustable.
- The suspension can be adjusted manually via a motorized mechanism using the crane hook and chain (even under full load).
- The suspension can be adjusted via a motorized mechanism using an electric motor (even under full load).

Assembly layout



- **Basic Types:** For example, beam traverse, flat traverse
- **Structural types:** For example, H-Traverse, Frame Traverse

Load Suspension Side

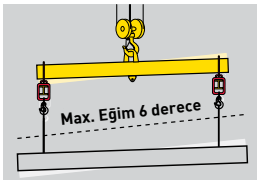


- Fixed suspension hooks
- Adjustable suspension hooks on a rack
- Suspension hooks adjustable manually via a drive mechanism on the hoist chain
- Suspension hooks adjustable via a drive mechanism powered by an electric motor

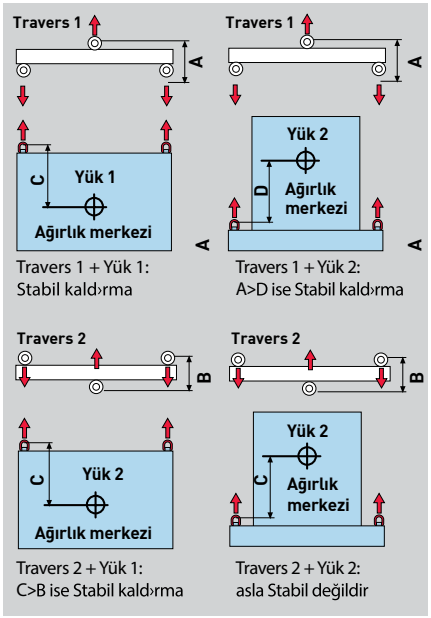
Please note!

When lifting a load, the crane hook must always be positioned over the load's center of gravity. If the crane hook is not positioned over the load's center of gravity, the entire system will tilt until the center of gravity is directly beneath the crane hook. The higher the traverse is set, the more the system will tilt under the load's.

Since a loaded crossbeam can never be in a perfectly horizontal position, the maximum acceptable inclination of crossbeams has been specified in accordance with EN 13155: 6 degrees. The inclination of the crossbeam has been reduced using the Marca principle.



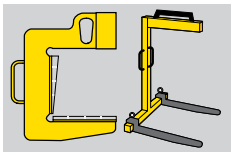
When lifting, the height of the load's center of gravity is always important and must be taken into account. The load's center of gravity must never fall below the load's suspension point. Even when the load's center of gravity remains above the suspension points, the lifting operation must be performed with care. In such a situation, an improper suspension system could cause the load to tip over.



Each lifting attachment has a "fixed structural height." This height measurement extends from the crane hook's suspension point to the sling's suspension point below it. This structural height is the distance from the crane hook to the next suspension point. In other words, it is the vertical space beneath the crane hook; this distance remains constant during the load's pendulum motion. For example, the suspension point may be formed by the moving support surface of a map lock bolt or a frame plate

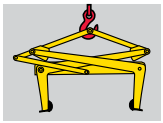
The fixed structure height of the traverse must always be greater than the distance from the crane suspension point to the load's center of gravity. However, the Z-axis must also be considered, just as the horizontal X-axis is. Traverses with suspension eyes have a low "fixed structure height." Quadruple suspensions have greater "fixed structure heights."

Roll Hook, Forklift Attachment



Precautions must be taken against accidents such as tipping, scattering, slipping, or rolling while loading and unloading the load. In such cases, mechanical safety measures must be provided depending on the operation being performed, such as a safety cage, anti-slip coating, or the use of a buffer plate when lifting a load with a wide diameter. When transporting loads whose center of gravity lies outside the lifting eye, the risk of the forks bending and the load tipping over must be prevented at all costs.

Grippers



Mechanical scissor-type grippers lift the load by gripping it from below or by gripping it from both sides and holding its protrusions. It is important to ensure that the scissor surfaces are perpendicular to the gripper axes.



Caution!

Grippers designed exclusively for shearing should never be used as gripping (clamping) grippers.

In this case, the load will slip and fall.

Mechanical,clamping grippers must prevent the load from slipping with double the safety margin.



The safe operation of the grippers depends on the pressure applied to the gripping surfaces and the calculated friction coefficient. The combined friction coefficient between the load to be lifted and the gripping surfaces of the grippers must always be determined.

There is no direct correlation between the relative safety factor and the load weight that would cause the load to slip. Safety depends more on the coefficient of friction and the orientation of the grippers. The grippers apply the necessary gripping force based on the load's shape and weight. During the transport of loads using grippers, deformed surfaces may cause the grippers to open. For this reason, the necessary precautions must be taken. Deformation of the load during lifting with grippers must be prevented. If this cannot be prevented, additional safety measures must be provided for the grippers.

4. Use and Operation





Follow the user manual when using lifting attachments. The permitted operating temperature range is between -40 °C and +100 °C. Lifting attachments must be used by trained and experienced personnel We can provide training for this purpose.

Lifting attachments must not be used with loads exceeding their rated capacity, and loads must be secured to prevent them from falling. Damage that could compromise the lifting attachments' rated capacity must be prevented.

5. Inspection and Maintenance Service

Lifting attachments must be visually inspected and functionally tested after each use, and must be taken out of service if any defects are detected.

According to Section 2.8 of BGR 500 (trade union regulations), each lifting attachment must be inspected at least once a year by qualified personnel. Depending on operating conditions, these inspections may need to be conducted at shorter intervals. The equipment must be inspected in cases of damage that could affect its loadcarrying capacity or in other situations where inspection is warranted.

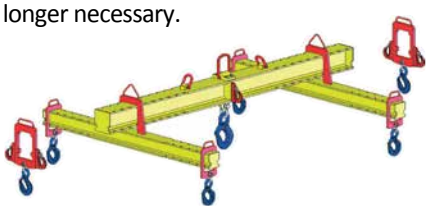
We handle these checks for you!

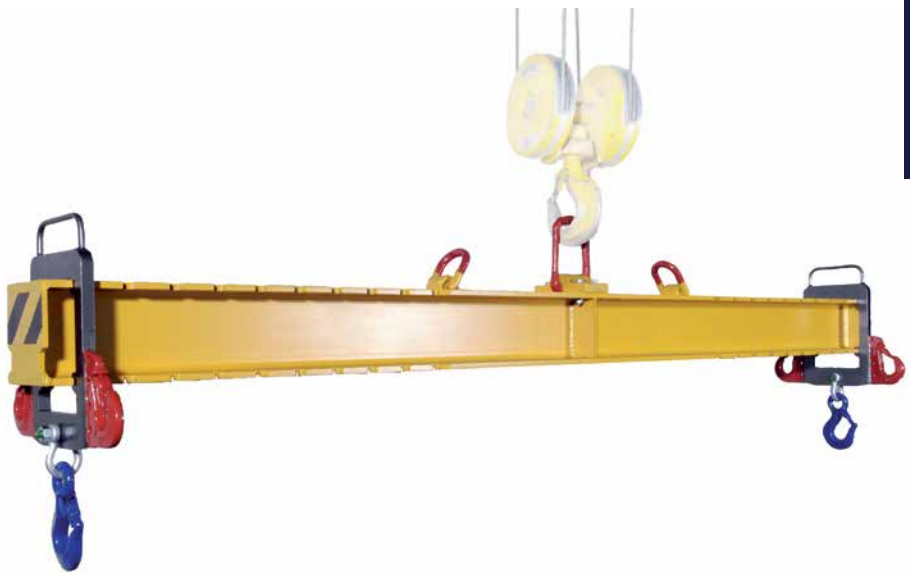
Lifting Beam with Suspension Hooks

Combinable, adjustable beam-type and H-traverses

Robust and adjustable

A traverse can be used for many different tasks over the years. A traverse that is suitable today may be too large for a new crane system in the future. The Marca traverse is fully equipped for this and is always adaptable to changes. Unsafe and time-consuming modifications are no longer necessary.





Pendulum Protector with a Modular Design

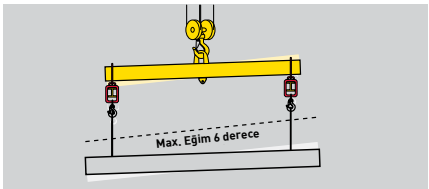
Guide threads have been cut into the flanges of the steel profile. The integrated guidance system prevents the hook plate from shifting out of place, allowing the traverse to operate with greater rigidity. Thanks to this new Marca traverse design, the structure is now more robust and stable, enabling the load to be lifted safely in a single operation without the need for repositioning. This speeds up the transport process.



Extremely robust, replaceable lifting eyes made of special steel (up to 6 metric tons)



A super-compact design made of extremely durable special steel. The hooks on modern crane systems are now manufactured from high-alloy steel in smaller sizes, and older beams are therefore incompatible.
Marca beams are interchangeable and adjustable.

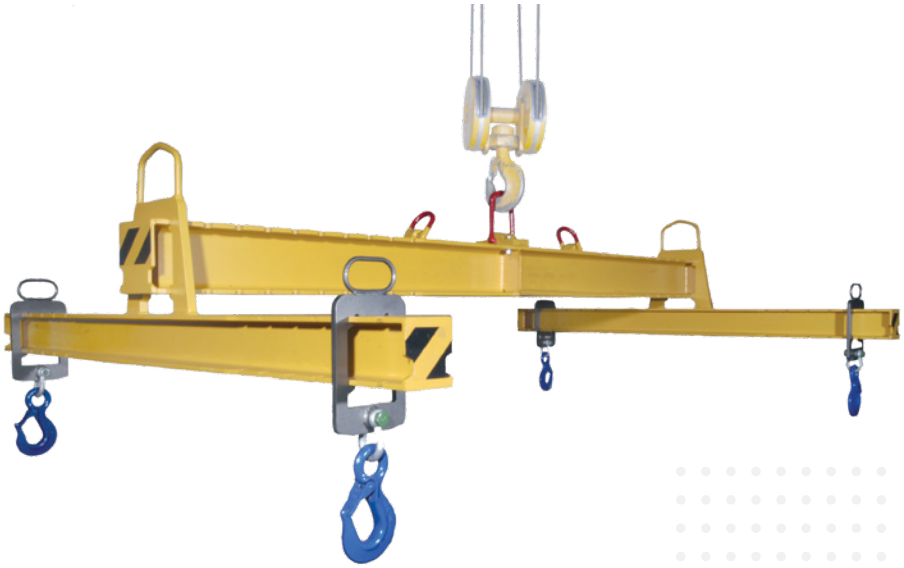


Marca Beam-Type Travers (including frame suspension hooks)
Adjustable length = 1/2 of total length

Load Capacity [kg]	Max. Length [mm]	Length Min. [mm]	Eye Hook Opening Height [mm]	Eye Hook Jaw Width [mm]	Eye Hook Jaw Width [mm]	Mouth Width [mm]	Welded Hook Opening [mm]	Weight [kg]	Order Number
1000	1000	500	100	50	18	30	390	23	**UNBT.01.01**
1000	2000	1000	100	50	18	30	410	40	**UNBT.01.02**
1000	3000	1500	100	50	18	30	410	84	**UNBT.01.03**
1000	4000	2000	100	50	18	30	410	122	**UNBT.01.04**
1000	5000	3000	100	50	18	30	410	142	**UNBT.01.05**
1000	6000	3000	100	50	18	30	440	237	**UNBT.01.06**
2000	1000	500	130	65	25	30	500	31	**UNBT.02.01**
2000	2000	1000	130	65	25	30	510	75	**UNBT.02.02**
2000	3000	1500	130	65	25	30	530	124	**UNBT.02.03**
2000	4000	2000	130	65	25	30	530	157	**UNBT.02.04**
2000	6000	3000	130	65	25	30	580	349	**UNBT.02.06**
3000	1000	500	150	70	32	30	580	38	**UNBT.03.01**
3000	2000	1000	150	70	32	30	570	79	**UNBT.03.02**
3000	3000	1500	150	70	32	30	610	153	**UNBT.03.03**
3000	4000	2000	150	70	32	30	610	193	**UNBT.03.04**
3000	6000	3000	150	70	32	30	660	410	**UNBT.03.06**
4000	3000	1500	170	80	36	30	680	164	**UNBT.04.03**
5000	1000	500	190	85	40	30	710	71	**UNBT.05.01**
5000	2000	1000	190	85	40	30	750	138	**UNBT.05.02**
5000	3000	1500	190	85	40	30	780	213	**UNBT.05.03**
5000	4000	2000	190	85	40	30	800	304	**UNBT.05.04**
5000	6000	3000	190	85	40	30	850	582	**UNBT.05.06**
8000	2000	1000	230	105	50	30	880	179	**UNBT.08.02**
8000	3000	1500	230	105	50	30	930	303	**UNBT.08.03**
8000	4000	2000	230	105	50	30	950	421	**UNBT.08.04**
8000	6000	3000	230	105	50	30	1000	749	**UNBT.08.06**
10000	3000	1500	270	120	56	30	1040	337	**UNBT.10.03**
10000	4000	2000	270	120	56	30	1090	519	**UNBT.10.04**
10000	6000	3000	270	150	56	30	1130	868	**UNBT.10.06**

H - Traverse

Enhances the functionality of the traverses



Centre Beam Section

Excluding the center suspension hook

H-beams with side suspensions and framed hook suspensions

Order Number	Eye Hook Opening Height [mm]	Eye Hook Opening Width [mm]	Eye Hook Opening Height [mm]	Welded Hook Opening [mm]	Structure Width [mm]	Weight [kg]	Order Number
UNHT.01.01	500	1500	1000	18	420	30	UHQT.05.01
UNHT.01.02	500	2000	1000	18	420	39	UHQT.05.02
UNHT.01.03	500	3000	1500	18	460	60	UHQT.05.03
UNHT.01.04	500	4000	2000	18	500	85	UHQT.05.04
UNHT.01.05	500	5000	3000	18	500	95	UHQT.05.05
UNHT.01.06	500	6000	3000	18	470	202	UHQT.05.06
UNHT.02.01	1000	1000	500	18	420	27	UHQT.10.01
UNHT.02.02	1000	2000	1000	18	460	45	UHQT.10.02
UNHT.02.03	1000	3000	1500	18	460	89	UHQT.10.03
UNHT.02.04	1000	4000	2000	18	470	127	UHQT.10.04
UNHT.02.06	1000	6000	3000	18	510	243	UHQT.10.06
UNHT.03.01	1500	1000	500	18	510	38	UHQT.15.01
UNHT.03.02	1500	2000	1000	18	510	75	UHQT.15.02
UNHT.03.03	1500	3000	1500	18	510	110	UHQT.15.03
UNHT.03.04	1500	4000	2000	18	560	166	UHQT.15.04
UNHT.03.06	1500	6000	3000	18	600	301	UHQT.15.06
UNHT.04.03	2000	3000	1500	25	590	134	UHQT.20.03
UNHT.05.01	3000	1000	500	32	620	46	UHQT.30.01
UNHT.05.02	3000	2000	1000	32	580	87	UHQT.30.02
UNHT.05.03	3000	3000	1500	32	670	164	UHQT.30.03
UNHT.05.04	3000	4000	2000	32	670	204	UHQT.30.04
UNHT.05.06	3000	6000	3000	32	750	423	UHQT.30.06
UNHT.08.02	4000	2000	1000	36	680	117	UHQT.40.02
UNHT.08.03	4000	3000	1500	36	720	179	UHQT.40.03
UNHT.08.04	4000	4000	2000	36	770	263	UHQT.40.04
UNHT.08.06	4000	6000	3000	36	850	511	UHQT.40.06
UNHT.10.03	5000	3000	1500	40	840	236	UHQT.50.03
UNHT.10.04	5000	4000	2000	40	880	330	UHQT.50.04
UNHT.10.06	5000	6000	3000	40	970	611	UHQT.50.06

Additional suspension eye for a twoleg sling



A two-leg sling provides much greater stability for the traverse.
Thanks to different types of suspenders, using mobile cranes becomes easier and more practical.

Broad-mouthed forged suspencion hooks with safety latches



All slings can be attached to a separate hook. This eliminates the possibility of error, minimizes friction between the slings and the load, and ensures a successful lifting operation.

Additional Hooks



Additional hooks ensure optimal use and efficiency on the load-carrying side.

Information

BGR 500, Section 2.8 3.12.1: and lifting attachments, take precautions against the risk of tipping, falling or slipping.



Take precautions in advance and set up a system for storing the crossbeams.

Marca - "Turnmaster" Swivel-Rotation Travers

Turnmaster Vario - A flexible solution that accommodates even heavy loads



During preparation and shipping, machine and cast parts often have to be rotated. Parts are getting larger and larger, and quality expectations are rising. Expensive crane systems are tied up for hours, and large production areas are kept closed for hours. To ensure that heavy loads can be rotated and turned in a costeffective and reliable manner, Marca has developed the Turnmaster rotating carrier traverse, which is very simple to use and pays for itself in a very short time.

On the Turnmaster Vario, the lifting straps are guided into place while the swivel rollers adjust automatically. After the lifting operation, the suspension mechanism on the crane side can be easily positioned over the load's center of gravity by pressing buttons, allowing the swiveling process to begin. Thanks to the combination of the female turning rollers with the new Secuwave coating, the turning torque is reliably transferred to the load. The coating's teeth grip the load, eliminating the risk of slippage.

The center of gravity of machinery or large structures generally cannot be determined with precision, and intricate additional components make a reliable estimate nearly impossible. The center of gravity may also shift during rotation.
With standard lifting booms featuring fixed suspension, the entire lifting boom must be adjusted to determine the center of gravity. This is generally a very difficult and time-consuming task.

- Vario hanger with an electric motor for adjusting the system curve
- Stepless adjustment with 2 turning rollers; mounted on drive mechanisms with built-in cable balancing
- The turning rollers have separate drive systems and can be controlled individually
- Rotating belts with Secuwave coating and a soft-tooth gear system
- 6-meter-long electronic control panel with push-button operation
- For non-bendable loads only

Optional:

- Equipment for outdoor use
- Remote radio control
- With chains or belts

Turnmaster Compact - The ideal solution for symmetrical loads







The Turnmaster Compact is a suitable alternative for safely rotating loads. Thanks to its design, this material handling crane can be used much more easily and in a variety of ways.

Turnmaster Compact components are suitable for symmetrical structural elements that are not too large, and adjustments related to the center of gravity were made during operations on the transport crane.

Thanks to the geared turning rollers used in conjunction with the new Secuwave coating, rotational torque is reliably transferred to the load. The coating's teeth engage with the load, eliminating the risk of slippage.

- The Vario hanger on the crane side is not adjustable
- 2 turning rollers, not adjustable
- The turning rollers are driven jointly and cannot be controlled individually
- Secuwave-coated turning belts with a soft-tooth gear system
- 6-meter-long electronic control panel with push-button operation
- For non-bendable loads only



Distributor crossbar with a single hook and VIP chain hanger

Load Capacity [kg]	Length [mm]	Weight [kg]	Order Number
880	2000	140	**STV0.01.02**
880	3000	201	**STV0.01.03**
880	4000	250	**STV0.01.04**
2100	2000	205	**STV0.02.02**
2100	3000	271	**STV0.02.03**
2100	4000	338	**STV0.02.04**
3500	2000	232	**STV0.03.02**
3500	3000	301	**STV0.03.03**
3500	4000	395	**STV0.03.04**
5600	2000	272	**STV0.05.02**
5600	3000	361	**STV0.05.03**
5600	4000	510	**STV0.05.04**
9380	2000	367	**STV0.09.02**
9380	3000	476	**STV0.09.03**
9380	4000	638	**STV0.09.04**
14000	2000	525	**STV0.14.02**
14000	3000	650	**STV0.14.03**
14000	4000	958	**STV0.14.04**
22400	2000	321	**STV0.22.02**
22400	3000	378	**STV0.22.03**
22400	4000	428	**STV0.22.04**

Adjustable distributor crossbar with 2 hooks, VIP chain hanger

Load Capacity [kg]	Length maks. [mm]	Length min. [mm]	Weight [kg]	Order Number
630	2000	1500	85	**STVV.00.02**
630	3000	2000	133	**STVV.00.03**
630	4000	2500	189	**STVV.00.04**
1500	2000	1500	118	**STVV.01.02**
1500	3000	2000	171	**STVV.01.03**
1500	4000	2500	220	**STVV.01.04**
2500	2000	1500	175	**STVV.02.02**
2500	3000	2000	244	**STVV.02.03**
2500	4000	2750	324	**STVV.02.04**
4000	2000	1750	267	**STVV.04.02**
4000	3000	2250	401	**STVV.04.03**
4000	4000	2750	487	**STVV.04.04**
6700	2000	1750	416	**STVV.06.02**
6700	3000	2250	507	**STVV.06.03**
6700	4000	2750	679	**STVV.06.04**
10000	2000	1750	529	**STVV.10.02**
10000	3000	2250	685	**STVV.10.03**
10000	4000	2750	814	**STVV.10.04**
16000	2000	1750	704	**STVV.16.02**
16000	3000	2500	869	**STVV.16.03**
16000	4000	3000	1061	**STVV.16.04**
20000	2000	2000	694	**STVV.20.02**
20000	3000	2500	1070	**STVV.20.03**
20000	4000	3000	1221	**STVV.20.04**

Information

You can order the large distributor's separate cross-beams together with the weight-reducing end piece! Advantage: An inclination angle of over 60 degrees is not structurally feasible!

Simple Pipe Hook

A simple pipe hook ideal for a chain hanger. Hanger for a Mapa lock



Heavy-duty pipe hook with Secutex coating

Made of high-alloy steel. The contact surfaces are bent to fit the appropriate pipe diameter and are replaceable. It features a back surface with Secutex impact protection to safeguard hard pipe ends.



Information

We can produce custom-made items to your specifications, or if you are unsure which lifting device is suitable for your requirements, please contact us.

Single-user application

Load Capacity [kg]	Weight [kg]	Order Number
1000	14	**416.M01.01**
2000	17	**416.M01.03**
3000	22	**416.M01.04**
5000	25	**416.M01.05**

Heavy-duty application

Load Capacity [kg]	Weight [kg]	Order Number
6000	-	**416.M02.03**
8500	-	**416.M02.04**
12000	-	**416.M02.05**
16000	-	**416.M02.06**

Heavy-duty application with Secutex thick protective coating

Load Capacity [kg]	Weight [kg]	Order Number
6000	-	**416.MP2.03**
8500	-	**416.MP2.04**
12000	-	**416.MP2.05**
16000	-	**416.MP2.06**

Modular Spreader Beams

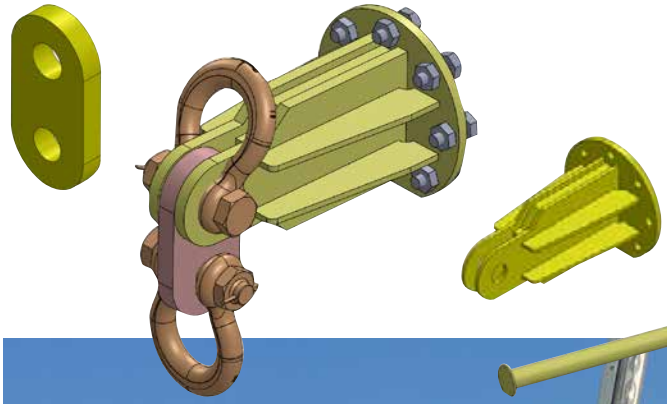
Marca Makina offers a wide range of products in various sizes and capacities. The modular distributor crossbeams are interchangeable— their compatible components allow you to assemble crossbeam sets in various combinations of lengths and capacities.

From 1 m to 20 m in length... and with capacities ranging from 10 metric tons to 300 metric tons, you can obtain standard products or custom designs tailored to your specific size and capacity requirements from MARCA Makina.

Thanks to the components, combinations, and flexibility of modular spreader beams, you can reuse a spreader beam you've already used in a different project with a different configuration.



Modular spreader beam components

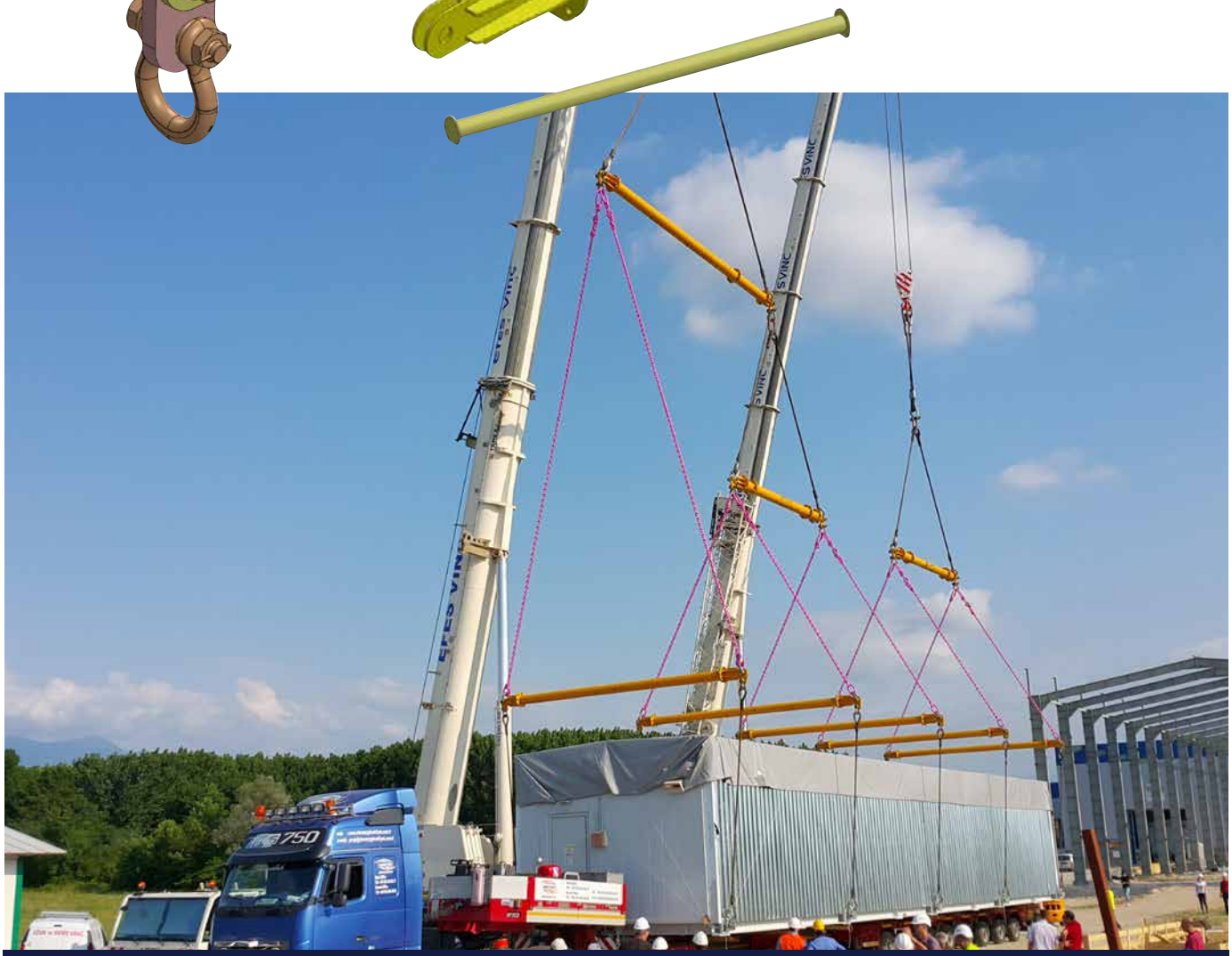


Modular distribution crossbeams consist of components that can be paired with one another—they are interchangeable. These components include:

Beam

End Cap

Connection plate, along with nuts, bolts, and locking clips



Frame Beams with IP chain sling

Safe Lifting with the Right Lifting Beam



- 4 Complete set including 4 swivel hook slings, a lifting ring, and 4 chain slings with 4 legs at a 45° angle
- With 4 hooks

Optional Equipment:

The chain sling can be ordered with a shortening clamp or a large lifting eye. The crossbar can be adjustable or manufactured to your desired length; the hooks can be swivel hooks.

Load Capacity [kg]	Length [mm]	Wide [mm]	Eye Length [mm]	Eye Width W [mm]	Mouth Width [mm]	Weight App. [kg]	Order Number
3150	1000	1000	135	75	25	34	SRT.03.01.1
3150	2000	2000	135	75	25	59	SRT.03.02.2
3150	3000	3000	135	75	25	111	SRT.03.03.3
5250	1000	1000	160	90	25	43	SRT.05.01.1
5250	2000	2000	160	90	25	80	SRT.05.02.2
5250	3000	3000	160	90	25	184	SRT.05.03.3
8400	1000	1000	180	100	30	75	SRT.08.01.1
8400	2000	2000	180	100	30	153	SRT.08.02.2
8400	3000	3000	180	100	30	213	SRT.08.03.3
14000	1000	1000	180	100	35	105	SRT.14.01.1
14000	2000	2000	180	100	35	179	SRT.14.02.2
14000	3000	3000	180	100	35	311	SRT.14.03.3
21000	1000	1000	260	140	35	198	SRT.21.01.1
21000	2000	2000	260	140	35	297	SRT.21.02.2
21000	3000	3000	260	140	35	477	SRT.21.03.3
33600	1000	1000	350	190	48	390	SRT.33.01.1
33600	2000	2000	350	190	48	547	SRT.33.02.2
33600	3000	3000	350	190	48	750	SRT.33.03.3
42000	1000	1000	350	190	63	533	SRT.42.01.1
42000	2000	2000	350	190	63	713	SRT.42.02.2
42000	3000	3000	350	190	63	966	SRT.42.03.3



110-tonne frame girder for containers



Frame travers



155-metric-ton high-capacity round sling beam

Specially Designed Crossbeams for Various Purposes and Types



58.5 metric tons of roller beam



63-metric-ton machine transport traverse



Electric-powered rotating traverse



200-metric-ton test load traverse



Traverse adjusted from point G



Complete module traverse



Modular traverse adjusted for the propeller



Telescopic traverse



Hydraulically adjustable traverse arm

Custom, Automatically Adjustable Traverses for Your Asymmetrical Loads

Load beams with adjustable hook height and suspension point



Custom complete crossbeams with flexible and adjustable heights

- All suspension and load hooks comply with DIN 15401.
- Galvanized, custom-length chains are used.
- The crossbeam suspension point slides to reposition itself relative to the load center.

Information

The balancing post is included in the structural frame system.
Prices are available upon request.
Contact Marca Makina!

Information

Information Needed to Ensure Your Order Is Correct

Be sure to consult Marca Makina before ordering a special Marca traverser for asymmetric loads.

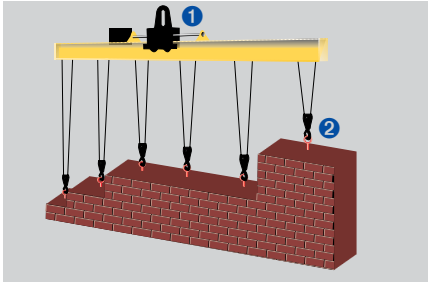
Load Capacity.....kg
Sleeper Length.....mm

Anchor Point Applications (1)

- ☐ **Fixed Hanger**
- ☐ **Adjustable Hanger Points**
- ☐ **Dual Hanger Points**

Number of Hanger Hooks (2)

- ☐ **Piece**



Parts Basket Transport Traverse

Complies with DIN 15155



The parts basket transport crossbeam features four swivel hooks suspended from a single point; the suspension eyes and hooks comply with DIN 15401. The basket can be gripped from the outside or the inside, and it is manufactured to fit baskets of any desired size.

- A lifting eye suitable for a large crane hook is manufactured for an additional charge upon request.
- It has a short dead stroke. Therefore, it does not cause a loss of height.

Load Capacity	Dimensions [mm]					Weight	Order Number	
[kg]	L	B	V	W	t	[kg]		
1000	1250	600	100	50	405	35	ST.24.01.12	
2000	1250	600	130	65	435	44	ST.24.02.12	

2 - Crane Lifting Traverse: Strength in Unity



With a two-hoist lifting beam, the lifting capacity of the two hoists can be combined. On the load side, DIN 15411 hoist hook slings with DIN 15401-P hoist hooks are used.

- Mounted on lower assemblies with stepless adjustment via 2 turning rollers and self-adjusting rope balancing
- The turning rollers are driven and controlled separately

Load Capacity [kg]	Length [mm]	Eye Height [mm]	Eye Width [mm]	Mouth Width [mm]	Height [mm]	Weight [kg]	Order Number
5000	2000	150	70	35	790	90	DHS.05.02.0
5000	3000	150	70	35	810	150	DHS.05.03.0
5000	4000	150	70	35	830	230	DHS.05.04.0
8000	2000	170	80	40	900	120	DHS.08.02.0
8000	3000	170	80	40	940	220	DHS.08.03.0
8000	4000	170	80	40	960	320	DHS.08.04.0
10000	2000	190	85	46	1010	150	DHS.10.02.0
10000	3000	190	85	46	1030	230	DHS.10.03.0
10000	4000	270	85	46	1070	380	DHS.10.04.0
20000	2000	270	120	70	1360	280	DHS.20.02.0
20000	3000	270	120	70	1400	420	DHS.20.03.0
20000	4000	360	120	70	1440	620	DHS.20.04.0
30000	2000	360	160	80	1550	370	DHS.30.02.0
30000	3000	360	160	80	1590	540	DHS.30.03.0
30000	4000	360	160	80	1670	790	DHS.30.04.0
40000	2000	360	160	97	1780	480	DHS.40.02.0
40000	3000	360	160	97	1840	670	DHS.40.03.0
40000	4000	360	160	97	1930	930	DHS.40.04.0

Coil Hook (C) Counterweighted

It can be upgraded with optional secutex impact protection and anti-slip safety features



Robust construction made of high-alloy steel. Delivered with a material test certificate. Under load, the support arm tilts upward by approximately 3°. When unloaded, the coil hook remains in a horizontal position due to the counterweight. High-value products are protected using Secutex® impact and material protection. This material is a polyurethane compound with exceptional cut resistance. The Secutex® protection can also be optionally mounted on the top surface and the inner rear surface of the fork.

Information

Storage stand for coil hooks BGR 500, Section 2.8: "3.12.1 Suspension and lifting attachments must be protected against the risk of tipping, snapping, or slipping during storage." Take precautions and keep a storage stand designed for roll hooks on hand.



Load Capacity [kg]	Internal Height l [mm]	Fork Length Zl [mm]	Fork Height Zh [mm]	Fork Width Zb [mm]	Eye Height [mm]	Eye Width [mm]	Height t [mm]	Weight [kg]	Order Number	Order Number	Order Number
2500	500	600	100	25	130	65	750	65	CH.MG.02.06	SP.CR.02.06	SP.CZ.02.06
2500	500	750	110	25	130	65	760	79	CH.MG.02.07	SP.CR.02.07	SP.CZ.02.07
2500	500	1000	120	30	130	65	770	112	CH.MG.02.10	SP.CR.02.10	SP.CZ.02.10
2500	500	1250	140	30	130	65	790	144	CH.MG.02.12	SP.CR.02.12	SP.CZ.02.12
5000	600	600	130	30	190	85	940	126	CH.MG.05.06	SP.CR.05.06	SP.CZ.05.06
5000	600	750	145	30	190	85	960	148	CH.MG.05.07	SP.CR.05.07	SP.CZ.05.07
5000	600	1000	145	40	190	85	960	212	CH.MG.05.10	SP.CR.05.10	SP.CZ.05.10
5000	600	1250	170	40	190	85	980	266	CH.MG.05.12	SP.CR.05.12	SP.CZ.05.12
5000	600	1500	185	40	190	85	1000	327	CH.MG.05.15	SP.CR.05.15	SP.CZ.05.15
5000	600	1750	185	40	190	85	1000	430	CH.MG.05.17	SP.CR.05.17	SP.CZ.05.17
5000	600	2000	200	50	190	85	1010	530	CH.MG.05.20	SP.CR.05.20	SP.CZ.05.20
10000	700	1250	210	50	270	120	1210	489	CH.MG.10.12	SP.CR.10.12	SP.CZ.10.12
10000	700	1500	235	50	270	120	1230	591	CH.MG.10.15	SP.CR.10.15	SP.CZ.10.15
10000	800	1750	235	50	270	120	1330	783	CH.MG.10.17	SP.CR.10.17	SP.CZ.10.17
10000	800	2000	260	60	270	120	1360	914	CH.MG.10.20	SP.CR.10.20	SP.CZ.10.20
16000	700	1000	235	60	360	160	1330	571	CH.MG.16.10	SP.CR.16.10	SP.CZ.16.10
16000	700	1250	245	50	360	160	1340	732	CH.MG.16.12	SP.CR.16.12	SP.CZ.16.12
16000	700	1350	255	60	360	160	1350	789	CH.MG.16.13	SP.CR.16.13	SP.CZ.16.13
16000	800	1500	270	60	360	160	1460	918	CH.MG.16.15	SP.CR.16.15	SP.CZ.16.15
16000	800	1750	275	70	360	160	1470	1138	CH.MG.16.17	SP.CR.16.17	SP.CZ.16.17
16000	800	2000	300	70	360	160	1490	1324	CH.MG.16.20	SP.CR.16.20	SP.CZ.16.20
16000	800	1000	240	60	360	160	1440	763	CH.MG.20.10	SP.CR.20.10	SP.CZ.20.10
20000	800	1250	275	60	360	160	1480	911	CH.MG.20.12	SP.CR.20.12	SP.CZ.20.12
20000	800	1350	285	60	360	160	1490	977	CH.MG.20.13	SP.CR.20.13	SP.CZ.20.13
20000	900	1500	280	70	360	160	1580	1186	CH.MG.20.15	SP.CR.20.15	SP.CZ.20.15
20000	900	1750	310	70	360	160	1610	1384	CH.MG.20.17	SP.CR.20.17	SP.CZ.20.17
20000	900	2000	335	70	360	160	1640	1599	CH.MG.20.20	SP.CR.20.20	SP.CZ.20.20

Other models and capacities are available upon request and based on your needs


Anti-slip safety


Impact-resistant


Travers for steel belts


Counterweighted Coil Hooks


Coil turning clamp



Secutex Coil Hook with Pipe Module

Balance - Free Coil Hook





A strong, high-strength construction. The Information material is delivered with CE and test certificates. Under load, the support arm tilts upward by approximately 3 degrees. Light loads should be lifted using roller hooks without counterweights, as the hook must be manually threaded onto the roller.

Information

Can't find the right roll hook for your needs here? Give us a call. We manufacture custom-designed coil hooks in various shapes or ailored to your specifications. Give us a call!

Load Capacity [kg]	Internal Height I [mm]	Fork Length [mm]	Fork Width Zb [mm]	Fork Height Zh [mm]	Eye Length [mm]	Eye Width [mm]	Length [mm]	Weight [kg]	Order Number	Order Number	Order Number
250	300	100	70	10	80	40	410	1	CH.OG.02.31	SP.CR.02.31	SP.CZ.02.31
500	400	100	25	10	80	40	520	2	CH.OG.05.41	SP.CR.05.41	SP.CZ.05.41
1000	500	100	65	10	100	50	650	4	CH.OG.10.51	SP.CR.10.51	SP.CZ.10.51
500	300	150	60	10	80	40	430	2	CH.OG.05.31	SP.CR.05.31	SP.CZ.05.31
1000	400	150	40	15	100	50	550	5	CH.OG.10.41	SP.CR.10.41	SP.CZ.10.41
1500	500	150	95	15	130	65	700	8	CH.OG.15.51	SP.CR.15.51	SP.CZ.15.51
500	300	200	60	10	80	40	430	3	CH.OG.05.32	SP.CR.05.32	SP.CZ.05.32
1500	400	200	80	15	130	65	600	9	CH.OG.15.32	SP.CR.15.32	SP.CZ.15.32
2000	500	200	100	15	130	65	710	11	CH.OG.20.52	SP.CR.20.52	SP.CZ.20.52
1000	300	300	75	15	100	50	470	8	CH.OG.10.33	SP.CR.10.33	SP.CZ.10.33
1500	400	300	85	15	130	65	620	12	CH.OG.15.43	SP.CR.15.43	SP.CZ.15.43
2000	500	300	100	20	130	65	720	17	CH.OG.20.53	SP.CR.20.53	SP.CZ.20.53
3000	600	350	100	20	150	70	860	27	CH.OG.30.63	SP.CR.30.63	SP.CZ.30.63

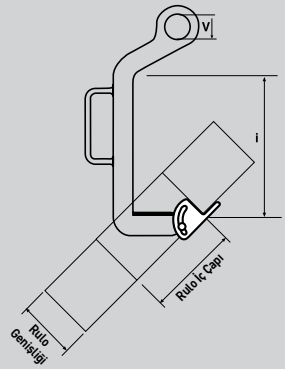
Slot - Type Coil Hook



It is ideal for lifting and rotating small rolled coils and coils weighing up to 3 metric tons. Thanks to the swivel latch at the end of the hook, rolled coils that are lying flat can be secured and brought upright, or rolled coils being transported upright can be stacked in a horizontal position.

Information

Request technical information about the coil-turning hook!



Load Capacity [kg]	Internal Height I [mm]	Inner Roll Diameter [min]	Roll Width [mm]	Fork Length Zl [mm]	Tilting Latch Width Zb [mm]	Eye Diamete V [mm]	Weight [kg]	Order Number
500	400	300	100-200	200	60	75	11	ST.54.05.02
1000	450	300	100-200	200	60	75	14	ST.54.10.02
1000	500	400	200-300	300	60	75	18	ST.54.10.03
2500	500	300	100-200	200	80	90	23	ST.54.25.02
2500	500	400	200-300	300	80	90	32	ST.54.25.03
3000	550	400	200-300	300	80	90	32	ST.54.30.03



Secutex Coil Hook with Pipe Module



Hooks for machine parts



Hooks for concrete pipes



Load-secure hooks



Hanger travers with mill adjustment



Shaft-adjustable suspension crossbar



Steel strip hook



Double-pronged coil hook

Tong - Coil Clamping Attachment



Roll clamps provide a safe and fast solution for lifting rolls. They are robust, electromechanical, motordriven devices equipped with mega clamps and built-in stops.

- Drive mechanism with self-locking mega clamps (long service life)
- Robust construction
- Suspension using a crane hook or double hook in accordance with DIN 15401
- Electronic circuit that disengages the gripper arm when the load is fully gripped from below (not a failuresensitive sensor)
- Closure sensors on both gripper arms prevent the grippers from accidentally opening while the load is suspended. Closure indicator with signal light on the gripper body
- Closure indicator with signal light on the gripper body

Optional:

- Hydraulic cylinder drive
- Secutex protection on the gripper arms
- Rotary mechanism
- Electromechanical locking rails on the gripper arms
- Rope pulleys
- Additional hook

Parallel Roll Clamp



A very sturdy welded structure with parallel arms. A key advantage of this holder is its minimal side space requirement, which ensures optimal use of storage space.

- Secutex protection on the gripping arms
- Rotary mechanism
- Additional hooks
- Suspension of hot-running equipment using double hooks
- Electronic circuit that disengages the gripping arm operation when the load is fully gripped from below (not a fault-sensitive sensor)
- Electromechanical locking rails on the gripping arms to prevent them from opening without being pushed while the load is present
- Locking indicator with signal light on the gripping arm housing

Optional:

- Secutex protection on the gripping arms
- Rotary mechanism
- Additional hooks
- Hot running equipment

Tong - Sac Plate Gripping Attachment



Coil grippers provide a safe and fast solution for lifting coils. They are robust, electromechanical, motordriven devices equipped with mega clamps and built-in stops.

- Drive mechanism with self-locking mega gripper (long service life)
- Robust construction
- Suspension with a crane hook or double hook in accordance with DIN 15401
- Electronic circuit that disengages the gripper arm when the load is fully gripped from below (not a failuresensitive sensor)
- Thanks to the closure sensors on both gripping arms, the grippers beneath the load will not open accidentally.
- Close indicator with signal light on the gripper body

Optional:

- Hydraulic cylinder drive
- Secutex protection on the gripper arms
- Rotary mechanism
- Electromechanical locking rails on the gripper arms

Mechanical Vertical Coil Clamp



In the steel industry, it is used costeffectively for handling coils. Coils can be stacked without placing wooden spacers between them-for example, for heat treatment. The large-diameter centering shaft and compact design make it easy for the user to handle the coils. The automatic release mechanism operates safely.

- Suspension using a crane hook or double hook in accordance with DIN 15401
- Suitable for a wide range of coil sizes
- Compact model with FEM-designed structure
- Extremely robust construction

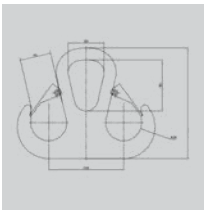
Repair Service

Fast repair service, replaceable parts, and worldwide spare parts availability. In the metalworking industry, it is impossible to completely prevent damage caused by rough handling. Production is disrupted, and there is no other coil holder available as a spare. Marca Makina manufactures and delivers the necessary replacement parts very quickly. There are no compatibility issues during assembly. All moving parts can be disassembled, inspected, and maintained.

New Double Hook

Expanding from a single hook to a double hook





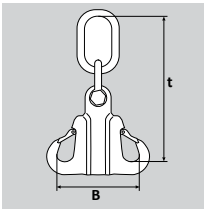
Since the lower suspension element could be crushed and cause damage, suspension elements such as round slings or lifting straps should not be stacked on top of each other on the hook.
Distributing the suspension elements across both hooks prevents damage and a reduction in load-carrying capacity.

Weight [kg]	Load Capacity [kg]	Kranhaken -Grobe	Dimensions [mm] W	V	M	B	H	S	Order Number
2,5	800	012-1,6	60	85	38	125	185	15	TU.DH.0080
3	1000	012-1,6	60	90	39	147	204	15	TU.DH.0100
6	1250	020-1,6	60	80	39	154	204	15	TU.DH.0125
9	2000	05-4	70	90	40	20	250	20	TU.DH.0200
12	4000	1,6-6	90	140	50	214	350	25	TU.DH.0400
17	6000	2,5-8	110	180	54	250	425	30	TU.DH.0600
19	8000	2,5-8	110	230	60	360	402	30	TU.DH.0800
58	10000	6-20	165	261	94	356	609	50	TU.DH.1000
71	15000	8-16	140	220	94	356	558	50	TU.DH.1500
87	20000	8-16	140	220	94	356	558	60	TU.DH.2000
188	35000	20;25	180	340	122	600	696	70	TU.DH.3500
228	65000	25;32;40	230	350	69	477	735	100	TU.DH.6500

Double Hook

With a high-strength suspension ring





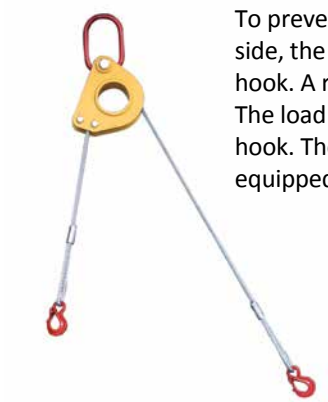
This way, you can turn a single hook into a double hook. It can also be shipped as a 4-hook set. Upon request, it can also be shipped with a higher load capacity.

- Coated, hardened load hook
- Wide mounting surface
- High-strength lifting eye compatible with many crane hooks
- Replaceable lifting eye

Load Capacity [kg]	Lifting Eye Dimensions [mm]	Hook Opening Width [mm]	Dimension B [mm]	Dimension [mm]	Weight [kg]	Order Number
4000	140x80x17	30	180	385	8	SE.DH.0040
6500	165x90x22	30	180	400	10	SE.DH.0065
10000	240x140x34	45	300	470	24	SE.DH.0100
12500	240x140x34	50	340	500	32	SE.DH.0125
15000	240x140x34	56	370	530	42	SE.DH.0150
20000	250x150x40	63	440	580	47	SE.DH.0200
25000	300x180x45	71	460	640	72	SE.DH.0250
30000	300x180x45	80	520	690	88	SE.DH.0300
40000	300x200x50	90	600	730	129	SE.DH.0400
50000	300x200x55	100	640	750	167	SE.DH.0500
63000	350x200x60	112	730	890	228	SE.DH.0630
80000	400x250x70	115	780	960	310	SE.DH.0800

Adapter Reduction Slings

Reducers for use with double and single hooks



To prevent the single arms of a double hook from rotating to one side, the load must not be applied to just one hook of the double hook. A reduction or adapter sling is used to balance this.
The load is thus distributed symmetrically across the double hook. The suspension process is carried out using load rings equipped with ring hooks or automatic hooks.

Load Capacity 0-45° [kg]	Load Capacity 45°-60° [kg]	Lifting Eye Diameter [mm]	Rope Diameter [mm]	Rope Length [mm]	Weight Without Rope [kg]	Order Number
2800	2000	140x80x17	14	4	13	SE.LB.028.0
4400	3150	160x95x22	18	4	22	SE.LB.044.0
8800	6300	200x110x34	24	4	40	SE.LB.088.0
11200	8000	240x140x34	28	4	85	SE.LB.112.0

Marca Forklift Fork Crossbeam



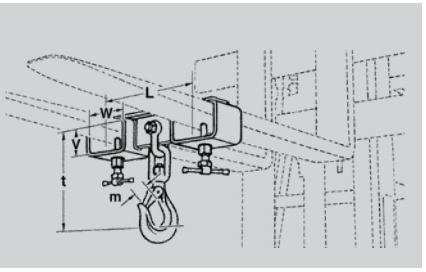
Marca forklift fork crossbeams can be installed on forklifts of all sizes. While crossbeams are manufactured as standard for capacities up to 10 metric tons, they can also be ordered with higher load capacities upon request.

- No loss of height thanks to the low dead space
- Manufactured to your desired dimensions
- Available in galvanized finish upon request
- Swivel hook is included as standard. Additional equipment: Ball-bearing swivel hook for rotating under load.

Information

We recommend using swivel hooks on fork-type traverses.

Load Capacity	Dimensions [kg]					Weight	Order Number
[kg]	L	V	W	m	t	[kg]	
1000	320	60	120	23	220	12	**ST.23.01.38**
2000	320	60	160	27	280	14	**ST.23.02.40**
3000	320	80	180	35	315	18	**ST.23.03.41**
5000	320	100	200	45	425	25	**ST.23.05.42**
8000	320	120	200	49	553	64	**ST.23.08.43**
10000	320	120	200	69	-	85	**ST.23.10.44**

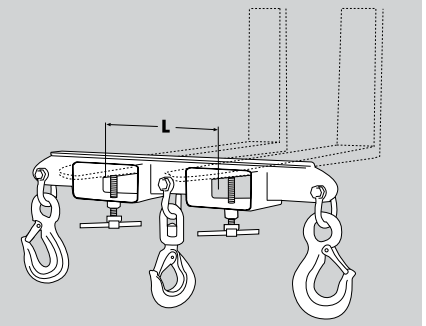


With forklift traverses, you can use forklifts for a variety of purposes!



Traverses mounted at two points on stacker and forklift forks ensure a safe working environment with their safety-latch hooks.

Load Capacity [kg]	Fork Cross-Section [mm]	Weight [kg]	Order Number
1000	320	13	**ST.23.01.00**
2000	320	28	**ST.23.02.00**
3000	320	30	**ST.23.03.00**
5000	320	42	**ST.23.05.00**
8000	320	55	**ST.23.08.00**
10000	320	66	**ST.23.10.00**



Traverse for a Single Fork

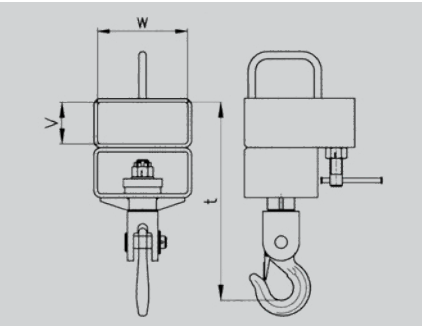




Caution: Do not carry loads exceeding the fork's capacity.

- Secured with a turnbuckle
- Hook with swivel safety latch

Load Capacity	Dimensions [mm]			Weight	Order Number
[kg]	W	V	t	[kg]	
1000	140	65	315	10	**ST.23.01.01**
2000	140	65	330	12	**ST.23.02.01**
3000	140	65	355	14	**ST.23.03.01**
5000	200	120	-	24	**ST.23.05.01**
8000	300	120	-	35	**ST.23.08.01**

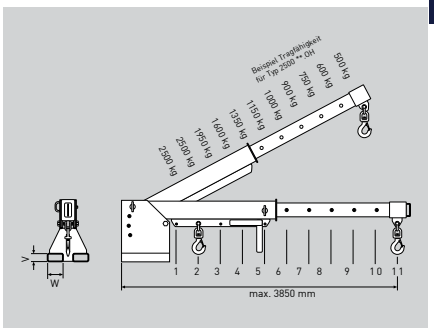


Telescopic Crane Boom for Forklifts



By attaching this telescopic, adjustable crane boom-which can be easily mounted on and removed from your forklift's forks-along with two hooks equipped with swivels and safety latches, you'll create a powerful crane.

IMPORTANT: Please follow the lifting diagram and pay attention to your forklift's center of gravity and lifting capacities.



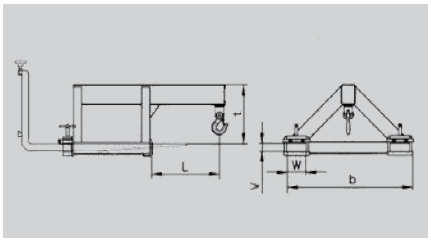
Load Capacity	Dimensions [mm]				Approximate Weight	Order Number
[kg]	L maks.	L min.	V	W	[kg]	
2500	3850	910	70	180	210	**ST.23.25.00**
5000	3850	910	100	200	393	**ST.23.50.00**
2500	3850	910	70	180	260	**ST.23.25.0H**
5000	3850	910	100	200	470	**ST.23.50.0H**

Short Crane Boom for a Forklift Fork



In this way, a forklift with forks can be converted into a versatile lifting device. Security is ensured by two set screws. Take into account the forklift's load capacity and the load's center of gravity.

- Swivel hook
- Made of high-alloy steel, designed for mobile use.



Type	Load Capacity	Dimensions [mm]					Weight	Order Number
	[kg]	L maks.	V	W	b	t	[kg]	
ZV2P 1000/750/0,5	1000	500	70	160	750	325	280	**ST.23.01.02**
ZV2P 2000/750/0,5	2000	500	70	160	750	300	305	**ST.23.02.02**
ZV2P 3000/750/0,5	3000	500	80	160	750	200	320	**ST.23.03.02**

Hook and Boom - Type Forklift Beams





Traverses that can be mounted vertically and parallel to forklift forks provide your material-handling equipment with versatile usage options.

Load Capacity	Weight	Order Number
[kg]	[kg]	
2500	165	**ST.23.25.20**

Information

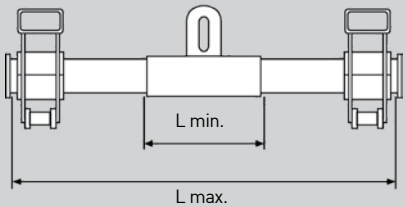
When using a Marca forklift beam, pay attention to the forklift's load capacity and the load's center of gravity.

Turning and Rotating Traverses



With swivel forks, you can safely swivel or rotate your loads. We enable you to use your forklift for this operation.

Load Capacity [kg]	L maks. [mm]	L min. [mm]	Order Number
500	1000	500	**ST.28.05.01**
500	2000	1000	**ST.28.05.02**
500	3000	1500	**ST.28.05.03**
1000	1000	500	**ST.28.10.01**
1000	2000	1000	**ST.28.10.02**
1000	3000	1500	**ST.28.10.03**
2000	1000	500	**ST.28.20.01**
2000	2000	1000	**ST.28.20.02**
2000	3000	1500	**ST.28.20.03**

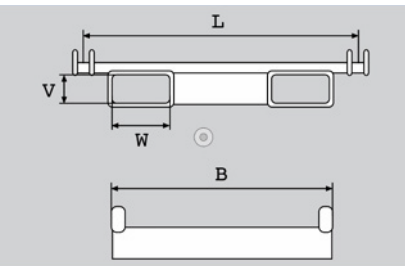


Forklift Traverse for BigBag



The Marca BigBag handling traverse makes your BigBag handling tasks-which are always a challengeeasier. It allows you to safely handle BigBags with a forklift without the risk of tearing.

Load Capacity [kg]	W	V	Fork Spacing [mm]	L	B	Weight [kg]	Order Number
1500	160	60	600	900	900	72	**ST.30.15.90**

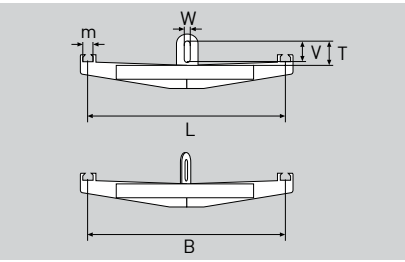


Lower Hook Traverse for BigBag



Marca - The under-hook BigBag lifting traverse is used to transport BigBags with a crane. The lifting point complies with DIN 15401.

Load Capacity [kg]	Dimensions [mm] L	B	V	W	m	t	Weight [kg]	Order Number
1000	900	900	100	50	60	110	18	**ST.30.10.90**
2000	900	900	135	65	60	140	30	**ST.30.20.90**

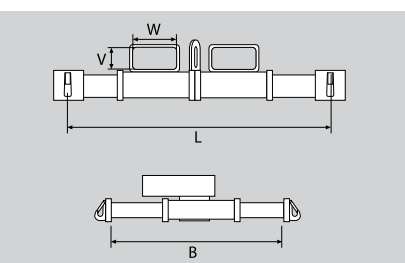


Adjustable Battery Lifting Beam



Adjustable telescopic spreader beams for transporting batteries and similar rectangular or cubic loads. Safety is ensured by clamping screws that secure the telescopic arms.

Load Capacity [kg]	Dimensions [mm] L	B	V	W	Fork Spacing [kg]	Weight [kg]	Order Number
2000	1200-800	800-600	160	60	500	90	**4020.012B**



Pipe Lifting Attachment

For 40-litre cylinders



- Heavy-duty lifting device
- Lifting rings for crane hooks, conforming to DIN 15401
- 2 SpanSet securing straps for securing the tubes
- Option I: for crane only
- Option II: for crane and forklift

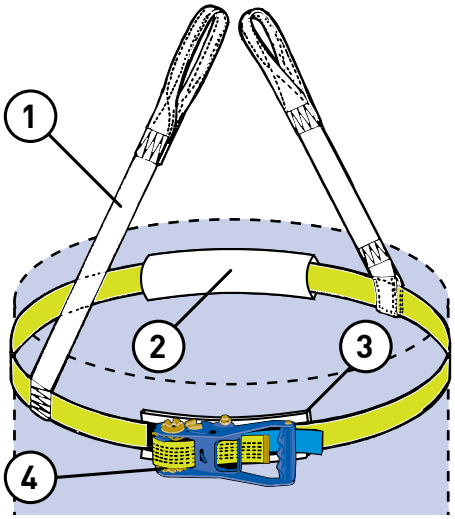
Optional:

- It is compatible with different tube sizes.



Load Capacity [kg]	Eye Height [mm]	Eye Width [mm]	Height [mm]	Weight [kg]	Order Number
Tube carrier with window for 1 tube					
100	80	40	2025	150	**GFH.01.1.4.0**
200	80	40	2025	400	**GFH.02.2.4.0**
400	80	40	2025	200	**GFH.04.4.4.0**
Gas cylinder carrier with viewing window and forklift pockets for 1/2 cylinder					
100	80	40	2145	200	**GFH.01.1.4.1**
200	80	40	2145	150	**GFH.02.2.4.1**
400	80	40	2145	400	**GFH.04.4.4.1**

Flexible Drum Lifting System



① Polyester lifting slings with eyes. (2 x A40 900 mm, eye length 300 mm)

② Protective and sliding sleeve (500 mm)

③ Support to prevent the tensioning mechanism from resting against the drum.

④ (5PL 10 x 100 x 200 mm) Ratchet tensioning mechanism. (2500 mm)

Marca Makina Practical and Flexible Drum Handling System It consists of 2 polyester slings and 1 tensioned drum gripper. It allows you to securely grip drums of any size, lift them vertically, and transport them with a capacity of up to 500 kg.

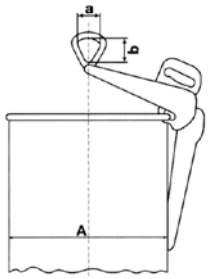
Load Capacity [kg]	Max. Çap [mm]	Order Number
500	700	**SS.FASS.HG**

Barrel Lifting Attachment



Marca - Varil VLF Barrel Clamp

The Marca-Varil VLF Barrel Clamp is ideal for stacking upright, ring-reinforced barrels. Its lightweight design makes it very versatile.

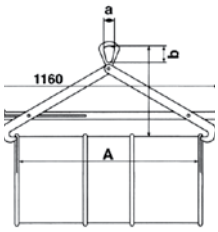


Load Capacity [kg]	A [mm]	Weight [kg]	Order Number
500	600	7	**VLF.050.060**
800	600	9	**VLF.080.060**



Marca - Varil Clamp HF (Semi-automatic)

The Marca-Varil HF clamp is ideal for stacking horizontal drums with hoops. The open-style clamping arm enhances its ease and simplicity of use.

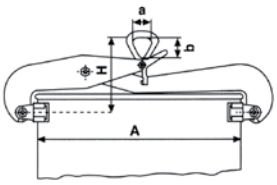


Load Capacity [kg]	Max. A [mm]	Max. H [mm]	Weight [kg]	Order Number
500	400-920	230-530	7	**HF.050.092**

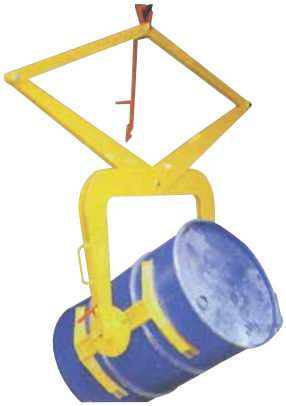


Marca - Varil Clamp VFR (Semi-automatic), VFA (Fully Automatic)

The Marca-Varil VFR clamp is suitable for vertical applications. The open-hold lever allows for easy

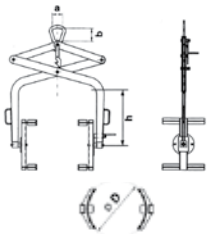


Load Capacity [kg]	A [mm]	H [mm]	axb [mm]	Weight [kg]	Order Number
500	400-400	210-250	55X65	10	**VFR.050.050**
500	500-600	220-270	55X65	12	**VFR.050.060**
300	500-600	220-270	55X65	12	**VFA.025.030**



Marca - Barrel - Grip and Rotating Clamp VFB

The Marca-Varil VFB barrel gripping and rotating clamp ensures the safe lifting and rotation of all barrels weighing up to 300 kg using a manual rotation system. This clamp, which enables the safe draining or storage of liquids inside barrels, performs both horizontal and vertical lifting.



Load Capacity [kg]	D [mm]	Clamp Load [mm]	axb [mm]	H [mm]	Weight [kg]	Order Number
300	600	900	55X65	550	60	**VFB.025.03.S**
300	600	900	55X65	550	64	**VFB.025.030.A**
300	600	900	55X65	550	70	**VFB.025.030.AR**

Marca - Block Material Gripper



2M block carrier for the safe transport of angular loads with vertical and parallel side surfaces. A gripping force proportional to the load is achieved through its construction made of high-alloy steel; the load must be able to withstand this pressure. The Secutex-coated gripping jaws are designed to provide a minimum coefficient of friction of 0.4 µ.

- Simple hook compliant with DIN 15401
- Parallel gripping jaws with Secutex impact protection and a structural steel top surface
- The lever attachment, which keeps the gripper open, closes automatically when the load is released
- Extra-large jaws for easy gripping
- Additional swivel joint reinforcement for long-lasting use
- Hand protection against pinching
- Galvanized and powder-coated

Additional Hardware

- Automatic pitch adjuster
- Custom gripping widths
- Rough jaw surfaces (consider the coefficient of friction)
- Special grippers with high gripping pressure for materials with oily surfaces

Marca - Round Material Gripper

Ensures that round materials are transported safely and as intended

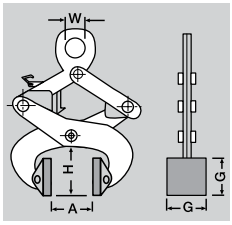


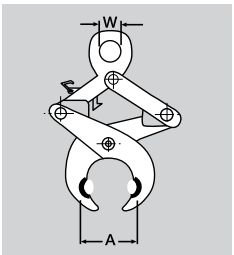
Information

Different models are manufactured on request.

The Marca Round Material Gripper enables the horizontal transport of round materials and pipes. The gripping force, which is proportional to the load, is generated by the structure made of highalloy steel; the load must be able to withstand the pressure resulting from this gripping force.

- Simple hook compliant with DIN 15401
- Jaws made of high-alloy steel for safe transport of loads
- More secure grip thanks to the 3- point contact of the gripping arms
- Remains open automatically when the attachment is unloaded
- Extra-large jaws for easy gripping
- Additional swivel elbow reinforcement for long-lasting use
- Hand protection against crushing
- Galvanized and powder-coated



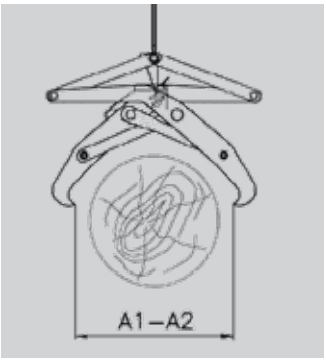


Adjustable Cylindrical Material Clamp



Adjustable clamp for log transport. The gripping force, which is proportional to the load, is achieved through the construction made of high-alloy steel. The load's center of gravity must be centered.

- Simple hook compliant with DIN 15401
- Simple jaw design
- An automatic system is provided to keep the jaws open



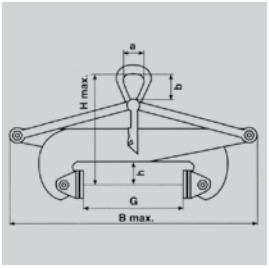
Marca - Grippers are Always Safe

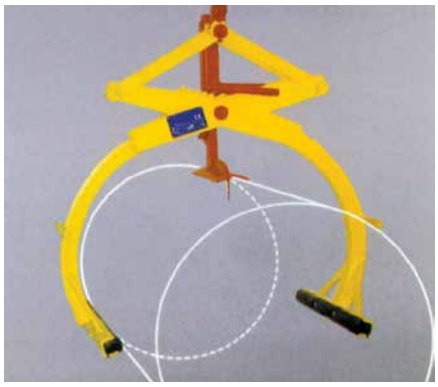


Marca - Parallel Gripper

VFA-VFR type automatic and semiautomatic vertical lifters ensure the safe gripping, locking, and automatic release of steel crates and boxes, as well as reinforced concrete blocks and precast elements

Load Capacity [kg]	Gripping Range [mm]	Weight [kg]	Order Number
500	0-100	10,0	PB.05.000.100
500	100-250	12,0	PB.05.100.250
500	200-500	20,0	PB.05.200.500
1000	0-200	25,0	PB.10.000.200
1000	200-500	47,0	PB.10.200.500
1000	500-800	71,0	PB.10.500.800
1000	700-1000	78,0	PB.10.700.1000

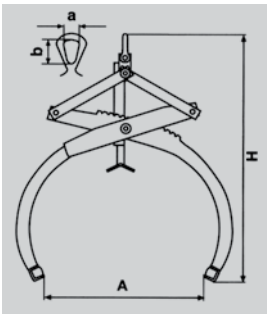


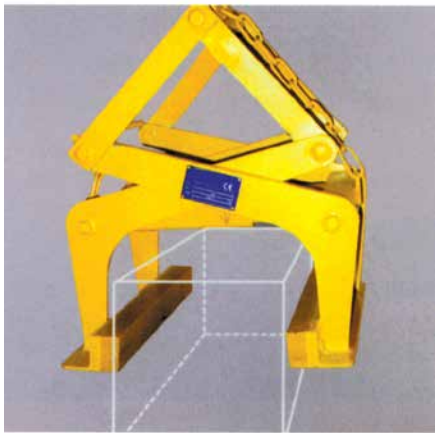


Marca - Pipe Clamps

Marca-IZGB clamps are used for stacking horizontally positioned concrete pipes. Models featuring a special locking mechanism for suspended applications are available.

Load Capacity [kg]	Jaw Opening [mm]	Weight [kg]	Order Number
800	300-600	60	TOP.RGB.08
1000	500-900	100	TOP.RGB.10
1500	600-1100	180	TOP.RGB.15

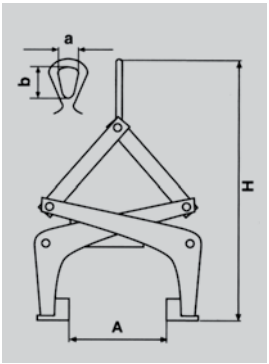




Marca - Concrete Block Lifting Jaws

Marca-Concrete Clamps are used for stacking finished concrete blocks. Models are available in which the gripping jaws are coated with a wearresistant protective layer.

Load Capacity [kg]	Jaw Opening [mm]	Weight [kg]	Order Number
400	100-250	20	TOP.BFZ.41
400	200-600	25	TOP.BFZ.42

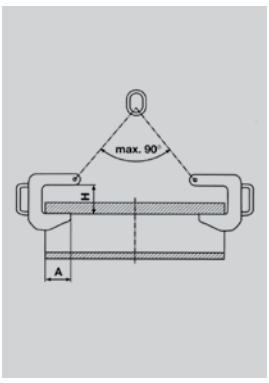




Marca - Pipe Hooks

Pipe hooks; these allow two-arm suspension slings (45° angle) or crossbeams to be attached to any type of pipe. They can also be supplied with a protective zinc coating upon request. (Please inquire about pricing.)

Load Capacity [kg]	A [mm]	H [mm]	Average Weight [Kg/Adet]	Order Number
1000	85	0-60	2,0	TOP.F02.0060
2500	100	0-75	5,5	TOP.F05.0075
5000	120	0-100	12,0	TOP.F10.0100
7500	120	0-100	20,0	TOP.F15.0150

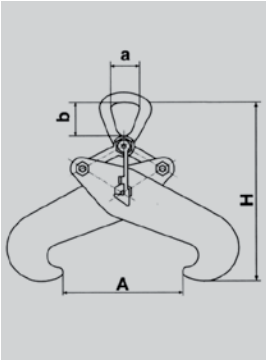


Marca - Profile / Rail Clamp



Marca - Profile / Rail Clamp

Thanks to the Marca profile clamp, it is possible to lift and transport profiles of any known size in a balanced manner. You can choose between single or double transport depending on the profile length.

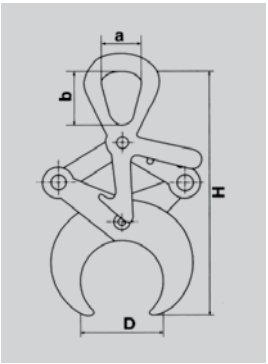


Load Capacity [kg]	A [mm]	Max. H [mm]	Weight [kg]	Order Number
1000	95-200	504	4,0	TOP.PL1.095.200
2000	120-300	604	7,5	TOP.PL2.120.300
3000	180-450	768	15,0	TOP.PL3.180.450
4000	120-300	622	15,0	TOP.PL4.120.300



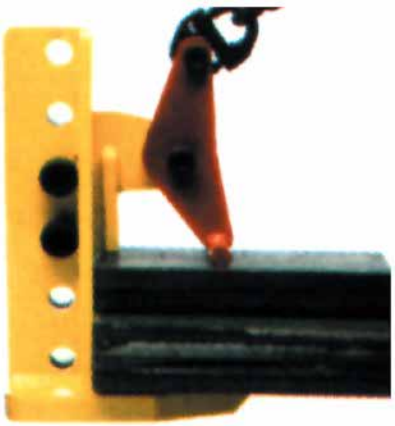
Marca - Pipe Clamp

Marca - Pipe clamp enables the quick transport of horizontal pipes. If desired, it can also be mounted in pairs on a beam.



Load Capacity [kg]	A [mm]	Max. H [mm]	Weight [kg]	Order Number
500	50-100	359	4,0	TOP.RT.05.050.100
1000	100-200	563	9,0	TOP.RT.10.100.200
2000	200-350	872	27,0	TOP.RT.20.200.350
3000	250-450	1010	40,0	TOP.RT.30.250.450





Marca - Plaka Transport Clamp: TLH - TLR

The Marca TLH-type plate-handling clamp helps you transport single or multiple plates horizontally, up to 150 mm thick and with a capacity of up to 5 metric tons per plate. TLR-type clamps, on the other hand, allow you to handle plates or stacks up to 300 mm thick.

Load Capacity Per Clamp [kg]	Jaw Opening [mm]	Weight Average [Kg/Unit]	Order Number
500	0-60	2,5	TLH.01.0.060
500	0-120	5,0	TLH.01.0.120
1000	0-60	5,0	TLH.02.0.060
1000	0-120	7,5	TLH.02.0.120
1500	0-60	6,0	TLH.03.0.060
1500	0-150	13,0	TLH.03.0.150
2000	0-60	8,0	TLH.04.0.060
2000	0-150	16,5	TLH.04.0.150
2500	0-60	10,0	TLH.05.0.060
2500	0-150	21,0	TLH.05.0.150
5000	0-60	15,0	TLH.10.0.060
5000	0-150	30,0	TLH.10.0.150
1000	0-300	9,5	TLR.02.0.300
1500	0-300	13,5	TLR.03.0.300
2500	0-300	21,0	TLR.05.0.300
5000	0-300	26,0	TLR.10.0.300

Marca - Ray Clamps

Automatic 'RailGrip' Rail Clamp





- Fully automatic rail lifting without the need for manual intervention (there is often a risk of the rail falling during the lifting process when using a raillifting clamp)
- Safety system to prevent the gripping jaws from opening unintentionally
- Construction made of high-alloy steel, with inclined lifting (max. 30°)
- Trade-in service: Bring in your old one and get a new one at a low price
- Special discounts for bulk purchases.

Manually operated rail clamp

Type	Load Capacity [kg]	Jaw Opening / Ray Typei		Weight [kg]	Order Number
NK1 2001/75	2000	S49, R50, S54, UIC60	90	12	**SG.504.190**
NK1 4001/75	4000	S49, R50, S54, UIC60	90	-	**SG.504.191**
Automatic-clamping rail clamp					
NK1 2001/75-A	2000	S49, R50, S54, UIC60	90	13	**SG.504.195**
NK1 4001/75-A	4000	S49, R50, S54, UIC60	90	-	**SG.504.196**

"MultiRail" Special Rail Clamp







- Special narrow clamp for transporting rails that are nested or placed side by side
- Internal jaw reinforcement
- Construction made of high-alloy steel
- Jaw lock with interchangeable jaws and an easy-to-use clamping system
- Duplex corrosion-resistant and with an extra protective coatingi

Type	Load Capacity [kg]	Jaw Opening / Ray Typei	Dimensions [mm]	Weight [kg]	Order Number
Narrow-Jawed Clamp	2000	S49, R50, S54, UIC60	130x321x75	5	**MULTI.RAI**

AZ - DB Special Rail Clamp



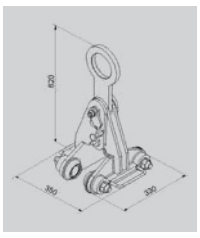


- Jaw surface with protective buffer (no contact with the rail)
- Lighter, sturdier clamp with special mounting holes
- Made of high-alloy steel
- Jaw lock with interchangeable jaws and an easy-to-use clamping system
- Duplex corrosion-resistant and with an extra protective coatingi

Type	Load Capacity [kg]	Jaw Opening / Ray Typei	Dimensions [mm]	Weight [kg]	Order Number
AZ-DB/2000-K/A	2000	S49, R50, S54, UIC60	170X235X70	5	**SG.504.136**

Wheeled Rail Clamp





- Easy to use thanks to the sliding handle
- Mechanical safety lock

Type	Load Capacity [kg]	Jaw Opening / Ray Typei	Dimensions [mm]	Weight [kg]	Order Number
NK 4001/75	4000	S49, R50, S54, UIC60	110	31	**SG.504.172**



Load capacity: 2000 kg.
Towing capacity: 500 kg.



Transport of ring rails



Corrugated rail clamp



Multi-rail clamp
(Up to 20 tonnes)



For use on construction sites (up to 4,000 kg)

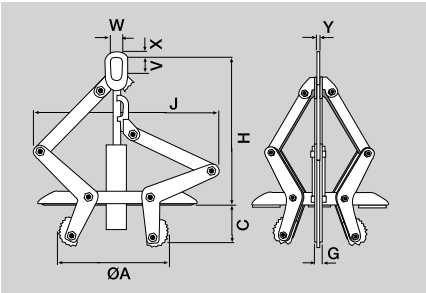
Coil Lifting Attachments: Sturdy and Safe!

Internal Gripper for Wire Coils



The wire coil gripper used in the iron and steel industry ensures fast and safe transport. Thanks to its central tube system made of high-alloy steel and its wear-resistant toothed jaws, it is durable, efficient, and safe.

- Reinforced design resistant to bending, thanks to the articulated center tube
- Replaceable, wear-resistant clamping jaws made of sintered metal
- Practical to use with automatic release adjustment
- Wide suspension eye
- High-alloy steel construction and low dead space
- Easy maintenance and repair



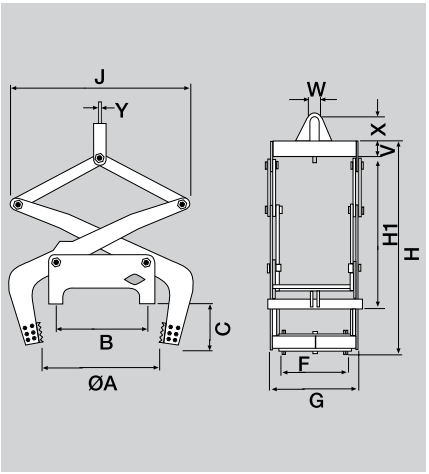
Load Capacity [kg]	Jaw Opening Ø A [mm]	Mesh Size H x B [mm]	Working Height [mm]	Diemensions [mm]								Weight [kg]	Order Number
				C	G	H	J	V	W	X	Y		
3000	800 x 550	150 x 70	960	290	150	860	1460	170	100	40	20	210	ST.62.3.080

External Wire - Cable Gripper



The wire coil gripper used in the iron and steel industry ensures fast and safe transport. Thanks to its special design, it ensures that wire coils are lifted and transported safely and without damage.

- The body, made of high-alloy steel, provides resistance to bending
- Replaceable, wear-resistant clamping jaws made of sintered metal
- Practical use with automatic opening adjustment
- Wide hanging loop
- Easy maintenance and repair



Load Capacity [kg]	Jaw Opening Ø A [mm]	Mesh Size H x B [mm]	Working Height [mm]	Diemensions [mm]								Weight [kg]	Order Number
				B	C	H1	H	J	W	X	Y		
3000	1250 x 850	150 x 75	1380	710	350	800	1280	1580	70	150	15	440	ST.71.3.125

We can provide quotes for various types and models of clamping and lifting equipment upon request.


Converter-Equipped Drum Clamp


Cable Repair Clamp


Paper Coil Clamp


Paper Roll Lifter


Conveyor-Type Foil Clamps


Wheel Gripper

Marca - Hook Block

Our hook blocks, designed to withstand harsh field conditions for all crane applications, are at your service. With a capacity of 1–270 metric tons, a sheave design compatible with crane equipment and rope diameter, sheave surface hardness suitable for steel ropes, an ultrasonically tested and certified hook, long-lasting bearings suited to the application load, and an optional hook rotation limiter, it is the most reliable partner on your production line. Marca Machine hook blocks are delivered to the customer with CE certification.



Capacity: ……. Ton
Rotation Angle Limitation: Limited to an angle between 360° and ……..° and ……..°
Hook Type: DIN 15401 Single-Jaw / DIN 15402 Double-Jaw
Hook selection: Determined by the manufacturer /
I want to use my existing NR.....hook.
Overhead crane rope rigging: …… : ……
Overhead crane rope diameter: Ø……mm
Rope pulley diameter: Determined by the manufacturer /
Current hook block pulley diameter: ..... mm
Hook block dimensional constraints (if any): Headroom …… mm / Width . . …. mm / Length ….. . . mm
Pulley rope axis diameter: ……..mm / ……..mm / ……mm / ……mm
Installation: By the manufacturer / By the customer

Marca - 360° Rotating Hook Block

Your partner for material and load handling in complex production areas with limited access. Applicable to hook blocks ranging from 1 to 100 metric tons, it offers 360-degree unlimited rotation capability, adjustable speed options, a pulley design compatible with crane equipment and rope diameter, the ability to swap hooks for different applications, and safety components that prevent drops in the event of Bute bearing damage—all of which bring flexibility and a competitive edge to your production line. Delivered with a CE-certified Büte bearing and an ultrasonically tested and certified hook. The Hook Block is delivered to the customer with the Marca Makine certification.



Capacity: ……. Tonnes
Rotation Angle Limit: Limited to an angle between 360° and ……..° and ……..°
Rotation Speed: 1.5 rpm / ……. rpm
Speed Control: Constant Speed with a Contactor / Adjustable Speed with an Inverter
Hook Type: DIN 15401 Single-Jaw / DIN 15402 Double-Jaw
Hook selection: Determined by the manufacturer /
I want to use my existing NR.....hook.
Overhead crane rope rigging: …… : ……
Overhead crane rope diameter: Ø……mm
Rope pulley diameter: Determined by the manufacturer /
Current hook block pulley diameter: ..... mm
Pulley rope axis diameter: ……..mm / ……..mm / ……mm / ……mm
Hook block dimensional constraints (if any): Dead space ..... mm/ Width ..... mm/ Length ..... mm
Motor Manufacturer Preference: Domestic/Other.....
Gearbox Manufacturer Preference: Domestic/Other.....
Bearing Manufacturer Preference: Domestic/Other.....
Cable Drum: Customer-supplied / Manufacturer-supplied (Overhead crane lifting height:.....mm
Remote Control: Customer-supplied / Manufacturer-supplied (Current remote control Brand:..... Model:.....)

Power supply between the rope hoist and the cable drum: Existing / Included in the manufacturer's scope (Site survey required)
Power supply between the bridge crane electrical panel and the rope hoist: Existing / Included in the manufacturer's scope (Site survey required)
Installation: By the manufacturer / By the customer

Forklift Unloading Container

Forklift unloader for heavy-duty use



- Base, sides, and rear made of 2 mm profiled sheet metal; 33 mm pouring edge
- Stackable up to three high
- Discharge from the driver's cab

Application/Paint Colour: Blue	Load Capacity [kg]	Dimensions [mm]	Volume [m³]	Weight [kg]	Order Number
SSK.05.L.RB	500	800x600x600	500	0,3	**SSK.05.F.R0**
SSK.10.L.RB	500	800x600x600	500	0,3	**SSK.05.L.R0**
SSK.15.L.RB	1000	1000x800x900	1000	0,55	**SSK.10.F.R0**
SSK.20.L.RB	1000	1000x800x900	1000	0,55	**SSK.10.L.R0**
hot-dip galvanised	1500	1200x800x900	1500	0,7	**SSK.15.F.R0**
hot-dip galvanised	1500	1200x800x900	1500	0,7	**SSK.15.L.R0**
hot-dip galvanised	2000	1200x1000x900	2000	0,9	**SSK.20.F.R0**
hot-dip galvanised	2000	1200x1000x900	2000	0,9	**SSK.20.L.R0**

Information

Additional applications:

- **2-piece lid (non-stackable)**
- **Wheels (not stackable)**
- **Oil and water-resistant**
- **Removable perforated sheet metal base and 1” discharge valve**
- **Lifting eye**
- **Traverse holder**
- **Forklift traverse type BST**

Possible surface finishes:

- **Orange paint RAL 2000, blue RAL 5012 (no price difference)**
- **Galvanised to EN ISO 1461**
- **Stainless steel**

Crossbeam for Forklift Unloader



Forklift crossbars are the ideal complement to forklift unloaders, ensuring smooth handling. With the forklift crossbar, you can operate the forklift unloading container from the driver's cab. Color: Orange (RAL 2000).

Application	Order Number
Type SSK.05...	**SST.05.L.R0**
Type SSK.10...	**SST.10.L.R0**
Type SSK.15...	**SST.15.L.R0**
Type SSK.20...	**SST.20.L.R0**

REACHTOUGH RG Service Elevator

Permanent-type service elevator for access to the nacelle section of a wind turbine

- Proven Traction Hoist technology, traction hoist overload protection, and safety brake system
- Comfort and safety
- Easy maintenance
- Improved efficiency
- Cost-effectiveness
- Ladder-guided system
- All functions within easy reach; plug-and-play electrical panel inside the service elevator
- Door safety system monitoring via door lock switch
- Guided power cable
- Electrical and mechanical locking systems for different platform systems
- Compliance with the 2006/42/
- EC Machinery Directive



Service Elevator with a Capacity of 2 Personnel

Features of the Rope-Guided Service Lift

Load Capacity	250 Kg
Passenger Capacity	2 Person
Operating Speed	18 m/min.
Operating Temperature Range	-20°C/ + 55 °C
Power Supply	400 V 50 Hz
Weight	200-240 kg
Dimensions	900x800x3100mm
Certification	EN 81-44, EN 1808, 2006/42/EC EN ISO 12100, EN 60204-1

SREACHTOUGH LG Service Elevator

Permanent-type service elevator for access to the nacelle of a wind turbine

- Proven Traction Hoist technology, traction hoist overload protection, and safety brake system
- Comfort and safety
- Easy maintenance
- Improved efficiency
- Cost-effectiveness
- Ladder-guided system
- All functions within easy reach; plug-and-play electrical panel inside the service elevator
- Door safety system monitoring via door lock switch
- Guided power cable
- Electrical and mechanical locking systems for different platform systems
- Compliance with the 2006/42/
- EC Machinery Directive



Service Elevator with a Capacity of 2 Personnel

Features of the Staircase-Guided Service Lift

Load Capacity	250 Kg
Passenger Capacity	2 Person
Operating Speed	18 m/min.
Operating Temperature Range	-20°C/ + 55 °C
Power Supply	400 V 50 Hz
Weight	200-240 kg
Dimensions	900x800x3100mm
Certification	EN 81-44, EN 1808, 2006/42/EC EN ISO 12100, EN 60204-1

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