



Axzion

Engineering
Lifting Equipment
Technical Services

AXZION COIL HOOKS AND LOADING FORKS

15000 kg
EQUIPMENT LOAD WEIGHT
870 kg

AXZION - Intelligent Lifting Equipment

Exact planning guarantees perfect function

AXZION-GKS is a member of the SpanSet Group, the specialists for lifting and securing loads. As a manufacturer, we are able to find and implement the right solution. Certified welders, production support by experienced welding engineers, modern production machines. The right advice is always a question of your own possibilities. More than twenty experienced load-bearing designers with special knowledge in the areas of „statics“, „welding“ and „drive technology“ design the optimum solution for your needs.

AXZION-GKS offers everything from a single source

Development, production and service are closely interwoven and the design is optimally adapted to modern production possibilities. Our service provides immediate assistance when there are problems. Your employees can be trained personally in the use of the load-bearing equipment we supply.

We assume responsibility

As a manufacturer, we assume „responsibility for the design and manufacture of a product“. From the manufacturer’s qualification for welding according to DIN EN ISO 3834-2 and the manufacturer certification according to DIN EN 1090-1 up to factory production control for load-bearing components up to EXC3 according to EN 1090-2 and a quality management system according to DIN EN ISO 9001: you are

buying from a company that operates in complete conformity to standards.

Even full assemblies can be completely delivered in a very short time including acceptance, e.g. by DEKRA or DNV GL and load testing on internal test benches (600 t and 1,800 t).

AXZION-GKS is approved for class EXC 3. Companies within the scope of class EXC 3 must have a qualified welding supervisor and certified welders with a valid welder test certificate according to DIN EN 287-1 resp. DIN EN ISO 9606-1, as well as welding procedures implemented with a valid qualification (WPQR).

We would like to give you more information
Request our company brochure at:
info@axzion.de



Details for the specialization of the LAM at a glance:

- ✓ Planned service life
- ✓ Number of load changes (> 20 thousand)
- ✓ Load change per lifting operation
- ✓ Additional components
- ✓ Operating temperature
- ✓ Lifting speed (> 10 m / min)
- ✓ Acceptance by test laboratory
- ✓ Other operating conditions

Unless stated otherwise, the load-bearing device is listed in the following range:

- ✓ Classified according to DIN EN 13155.
- ✓ Designed for a crane speed of „V crane max.“ 10 m / min.
- ✓ And designed for <20,000 load changes.

The correct configuration of your AXZION load-bearing equipment

How you get the best load-bearing equipment by specializing

The right design of your load-bearing equipment

Designing a load-bearing device

The number of load changes is crucial. The designer of a load-bearing device must, in cooperation with the user, determine whether DIN EN 13155 „Cranes - Safety - Loose load-bearing devices“ can be used or whether the design of the load-bearing devices must be done according to DIN EN 13001 „Cranes - Construction in General - Part 1: General principles and requirements“. A projection of the usage intensity is therefore required for a correct design of the load-bearing device. Factors for the design are the „Planned service life“, „lifting operations per day“ and the „load changes per lifting operation“. Not all load lifting devices are used together with a crane (see „Lifting speed“).

The right components

Steel, hydraulics, electric, etc. : A safe and good solution can only be manufactured with good components. We have only worked together with the best steel and construction steel suppliers for many years. This always includes the complete documentation of all components in the scope of delivery for load lifting devices. This is just as important as the delivered assembly itself. The manufacturer requires at least one inspection test certificate 3.1 - according to DIN EN 10204 - for all materials used. All material certificates and test reports as well as their cross-references are managed or archived by our IT department.

The operating conditions of your load-bearing device

Operating temperatures

The normal load-bearing device is used in a temperature range of -10° C to +60° C. When used outdoors, temperatures down to - 20 ° C can be reached. In some regions of the world, even down to - 40° C is possible. In this case, low-temperature steels are used.

When transporting hot loads, however, very high application temperatures are possible. Special steels have to be used here which are suitable for these conditions of use.

Lifting speed

A load lifting device must be designed for the lifting speeds that occur. Usually max. 10 m/min. In order to speed up the loading process, significantly higher speeds are possible, for example, in cargo shipment companies (ports, steelworks, etc.), which must be known during the design.

An important and widespread use is the use of the load lifting devices together with a **forklift truck**. Here, the dynamic loads of the load lifting devices are significantly higher. The lifting speed is usually much higher than with a normal crane.

Wind and waves occurring as dynamic forces can be enormous. The requirements for load-bearing equipment are particularly high when used on the high seas, i.e. offshore. Construction design and execution are strictly monitored.

Checking and documentation of your load-bearing equipment

Material and process tests mean additional safety. Our work is checked by our own or independent auditors using the latest test equipment. All certifications are available. During production, we do our own inspections (e.g. magnetic powder testing, dye penetration testing, ultrasonic testing, notch impact bending test). The required final tests are always carried out by a neutral test institute.

Load test

AXZION-GKS works closely and in partnership with major testing organisations such as TÜV, DEKRA, Lloyd’s Register and DNV GL.

Testing is done on one of the two in-house test benches. The system, which has been located at Langenfeld for many years, has a tensile pulling force of 600 tonnes. At the Neustrelitz site, very large lifting structures can be tested with a tensile force of up to 1,800 tonnes. The load tests are done by manual operation or computer-controlled with analysis. In this way, load-bearing devices can be tested quietly under absolutely realistic operating conditions.

Documentation

The documentation is as important as the manufactured product. Complete documentation is always included in the scope of delivery of a load-bearing device. The information and the scope must correspond to the current state of the Lifting Equipment and must include the proof of the quality of the components and materials used and the tests carried out.

AXZION-DocuManager

Documents from various sources are combined, documented and archived with the in-house document management system. The partially automated document management includes a ticket system and a sharing interface, which organises the workflow between the customer and the manufacturer.



Proper checking of your load-bearing device

DGVU rules 100-500 (BGR500 chapter 2.8): Operating load-lifting devices in lifting operations

DGVU rules are aimed primarily at the employer and are intended to provide him with assistance with the implementation of his obligations under state employment protection regulations or accident prevention regulations as well as methods to prevent such things as accidents at work, occupational diseases and work-related diseases.

Periodic inspections of the delivered load-bearing devices allow safe working and extended use. Type, scope and deadlines are comprehensively regulated in the **DGVU rules 100-500 Chapter 2.8**:

Inspections

According to § 3 para. 3 of the Occupational Safety and Health Ordinance, the employer shall determine the nature, scope and deadlines of necessary inspections and tests of the work equipment used. These tests are intended to systematically identify and eliminate safety deficiencies. The employer also establishes the prerequisites that the persons appointed by him have to fulfil („Qualified Persons“). The nature, scope and deadlines of the examinations are the best practice and comply with the rules of technology.

Inspection before initial commissioning

The contractor shall ensure that load-bearing equipment is only put into operation when inspected by a qualified person and after any defects have been remedied. The qualified person is someone who, due to his professional training and experience, has sufficient knowledge in the field of load-bearing devices and has knowledge of the relevant state work protection regulations (e.g. union rules, DIN standards, VDI regulations, technical regulations of other member states of the European Union or of other states parties to the Agreement on the European Economic Area)

to the extent that he can assess the safe working condition of load-bearing devices.

The test must be organised by the operator prior to the first commissioning. A hazard assessment and operating instructions must be drawn up within the scope of this test.

Periodic inspections

The company shall ensure that load-bearing equipment is inspected at intervals of at least one year by a qualified person. Inspections at intervals shorter than a year may be required depending on the operating conditions of the load-bearing equipment. This applies, for example, in case of particularly frequent use, increased wear, corrosion, heat or if an increased susceptibility to failure is to be expected.

Scope of inspection

The inspection before the first commissioning and regular inspections mainly constitutes visual and functional tests. These tests shall extend to the examination of the condition of the components and devices, to the correct assembly, as well as to the completeness and effectiveness of the safety devices:

- breakages, deformations or cracks
 - damage, severe wear
 - corrosion damage
 - malfunction of safety devices
- Before the visual and functional test, the load-bearing device may require cleaning.

Proof of inspection and maintenance

The professional association may request proof of inspection for other inspections in some individual cases. For load-bearing devices, the proof should be combined with the test certificate of the hoist. The inspection certificates must be presented at the request of the supervisor. It is therefore necessary to store them within reach at all times. The corresponding regulations for inspection (also see DGVU rules 100-500) apply to the supplied or connected accessory parts such as hoisting means (lifting straps slings, chains, wire cables, etc.) and connecting devices (shackle, hooks, etc.)

The company shall ensure that repair work on load-bearing equipment is carried out only by persons who have the necessary knowledge and abilities.



Checklist for checking your load-bearing device:

01 Preparation

- ✓ Operating instructions available
- ✓ Documentation available
- ✓ „Qualified person“ has the corresponding knowledge
- ✓ LAM assembled type-approved
- ✓ LAM cleaned for testing

02 Performance of test

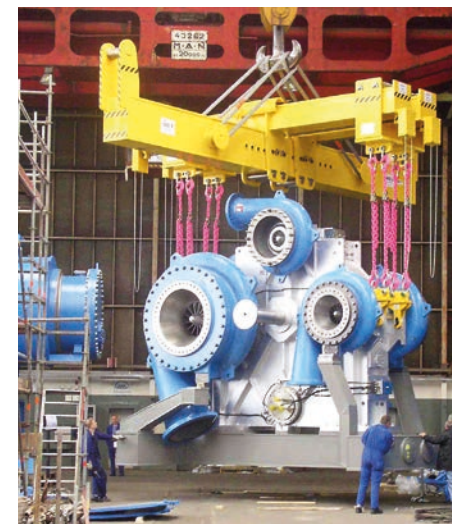
- ✓ No cracks, breaks or deformations
- ✓ No excessive wear
- ✓ No corrosion damage
- ✓ Safety device functional
- ✓ Movable components move freely

03 Regular measures

- ✓ Record the test in the test certificate
- ✓ Check for proper storage
- ✓ Record the next maintenance date
- ✓ Complete the maintenance contract

Important reminder for repairs to your load-bearing device (DGVU rules 100-500):

The contractor must ensure that repair work on load-bearing equipment is carried out only by persons who have the necessary knowledge and skills.



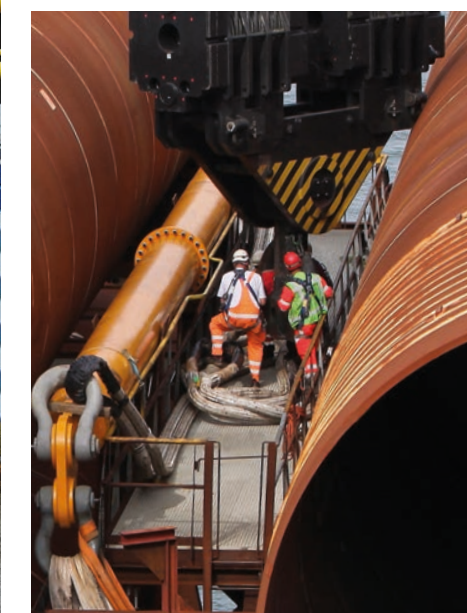
Information about an AXZION maintenance contract:

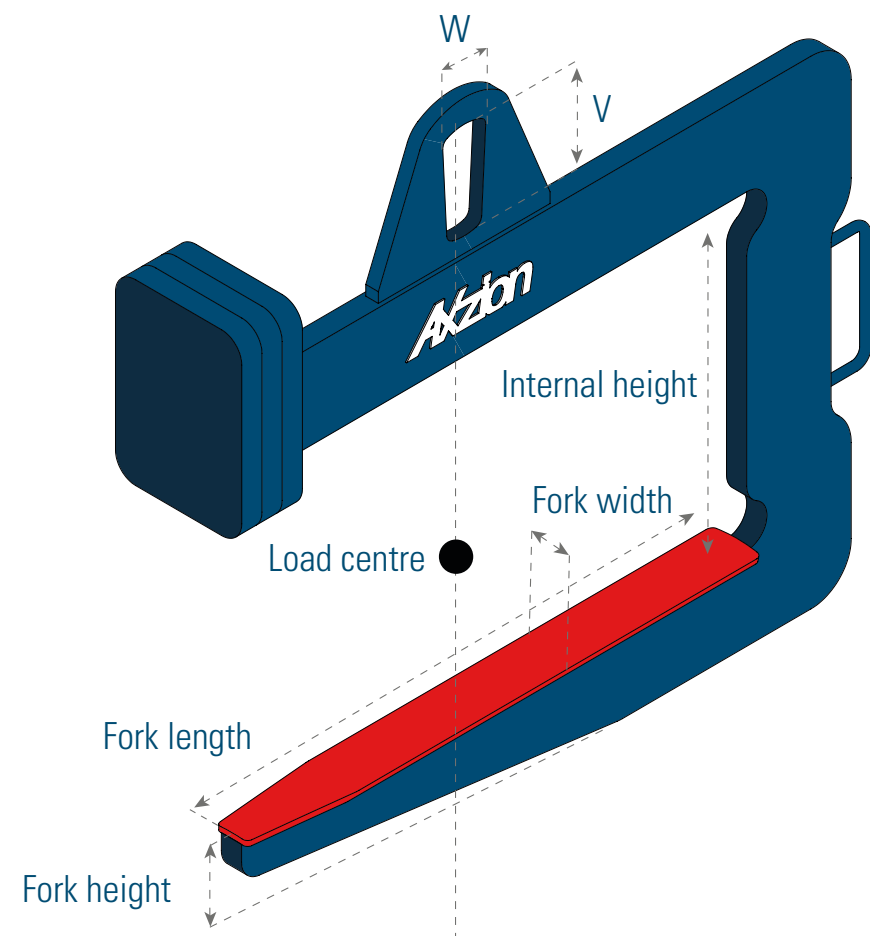
- ✓ Legally prescribed maintenance
- ✓ Reduced downtime
- ✓ Suitable spare parts
- ✓ Long service life of the AXZION LAM
- ✓ Proper rectification of defects
- ✓ Maximum operational reliability
- ✓ Reduced repair costs
- ✓ Emergency assistance (24/7)

AXZION LAM service

Our technical service team supports you and your load-bearing device on-site. Benefit from the competence of our employees.

We will prepare an individually customised offer for these load-bearing devices. Once the contract has been agreed upon, we will set up the first maintenance appointment and for future maintenance intervals. Benefit from regular, professional inspection of your Lifting equipment .





Coil hooks

Proper pick-up and drop off

So-called C-hooks are suitable for lifting loads with openings, for example, coils or tubes.

Loads must be picked up and lowered in such a way as to prevent accidental overturning, spreading, sliding or unrolling of the load. Depending on the application, it includes a safety nose, protection basket, anti-slip fork coating. For narrow loads, e.g. slit belts, an additional securing (mechanical, magnetic, clamping) must be provided.

Within the intended load range and the centre of mass, the forks must always be tilted backwards in order to prevent the load from sliding off.

Please note:

- ✓ Transporting loads with a center of mass in front of the suspension (towards the tip of the tine) leads to a fork tilting downwards and is forbidden.
- ✓ Overloading the hook can lead to overloading and is not permitted.

AXZION COIL HOOKS

Optional

- With secutex impact protection on the inside of the back and / or the top of the forks

Further product information can be found at: www.axzion.de/coil-hooks

Further sizes available on request!

Coil hooks without counterweight



Coil hooks without counterweight

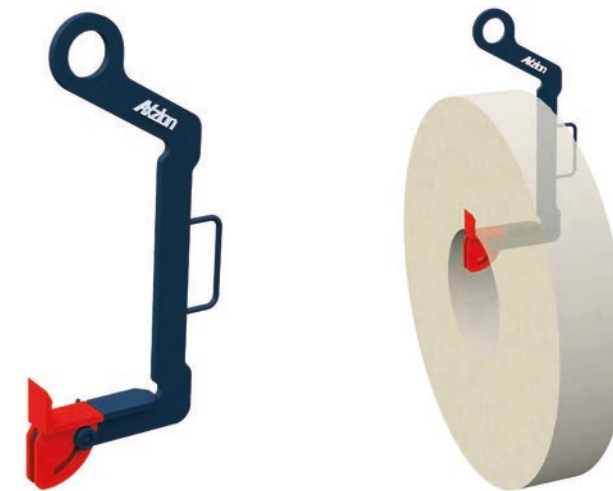
For the cost-effective handling of coils and slot belts

Robust construction made of high-quality steel, of course with a material test certificate. Under load, the load-bearing forks move approx. 3° upwards. Working with the coil hook without a counterweight is only possible with smaller coils, since the coil hook has to be introduced manually into the coil.

	Load capacity [kg]	Internal height [mm]	Fork length [mm]	Fork height [mm]	Fork width [mm]	Eye height V [mm]	Eye width W [mm]	Dead weight ca. [kg]	Price [EUR]	Extra charge SPL-Back [EUR]	Extra charge SPL-Fork [EUR]
CHG005000100050-2	500	500	100	40	10	80	40	5	375,40	120,20	70,20
CHG005000150050-2	500	500	150	50	10	80	40	6	395,20	120,20	76,40
CHG005000200050-2	500	500	200	50	10	80	40	6	409,80	120,20	82,60
CHG005000300050-2	500	500	300	55	15	80	40	11	501,00	120,20	95,10
CHG005000100060-2	500	600	100	40	10	80	40	5	383,90	132,60	70,20
CHG005000150060-2	500	600	150	50	10	80	40	6	406,90	132,60	76,40
CHG005000200060-2	500	600	200	50	10	80	40	7	423,80	132,60	82,60
CHG005000300060-2	500	600	300	55	15	80	40	12	529,70	132,60	95,10
CHG010000100040-2	1000	400	100	50	10	100	50	5	387,20	107,60	70,20
CHG010000150040-2	1000	400	150	55	15	100	50	9	437,10	107,60	76,40
CHG010000200040-2	1000	400	200	65	15	100	50	11	464,80	107,60	82,60
CHG010000300040-2	1000	400	300	75	15	100	50	15	514,40	107,60	95,10
CHG010000400040-2	1000	400	400	80	20	100	50	22	633,80	107,60	107,60
CHG010000100050-2	1000	500	100	50	10	100	50	6	396,50	120,20	70,20
CHG010000150050-2	1000	500	150	55	15	100	50	10	455,80	120,20	76,40
CHG010000200050-2	1000	500	200	65	15	100	50	13	487,80	120,20	82,60
CHG010000300050-2	1000	500	300	75	15	100	50	16	545,40	120,20	95,10
CHG010000400050-2	1000	500	400	80	20	100	50	24	685,40	120,20	107,60
CHG010000100060-2	1000	600	100	50	10	100	50	7	405,80	132,60	70,20
CHG010000150060-2	1000	600	150	55	15	100	50	11	474,30	132,60	76,40
CHG010000200060-2	1000	600	200	65	15	100	50	14	510,80	132,60	82,60
CHG010000300060-2	1000	600	300	75	15	100	50	17	576,60	132,60	95,10
CHG010000400060-2	1000	600	400	80	20	100	50	26	737,00	132,60	107,60
CHG020000100040-2	2000	400	100	65	15	130	65	11	445,70	107,60	70,20
CHG020000200040-2	2000	400	200	80	20	130	65	19	544,60	107,60	82,60
CHG020000250040-2	2000	400	250	90	20	130	65	22	585,60	107,60	88,90
CHG020000300040-2	2000	400	300	90	20	130	65	24	613,80	107,60	95,10
CHG020000400040-2	2000	400	400	100	20	130	65	29	687,70	107,60	107,60
CHG020000100050-2	2000	500	100	65	15	130	65	13	461,60	120,20	70,20
CHG020000200050-2	2000	500	200	80	20	130	65	21	577,20	120,20	82,60
CHG020000250050-2	2000	500	250	90	20	130	65	24	624,10	120,20	88,90
CHG020000300050-2	2000	500	300	90	20	130	65	26	657,20	120,20	95,10
CHG020000400050-2	2000	500	400	100	20	130	65	31	741,40	120,20	107,60
CHG020000100060-2	2000	600	100	65	15	130	65	14	477,50	132,60	70,20
CHG020000200060-2	2000	600	200	80	20	130	65	22	609,80	132,60	82,60
CHG020000250060-2	2000	600	250	90	20	130	65	26	662,50	132,60	88,90
CHG020000300060-2	2000	600	300	90	20	130	65	28	700,10	132,60	95,10
CHG020000400060-2	2000	600	400	100	20	130	65	33	795,00	132,60	107,60

Coil tipping hooks

Axzion Simple tube hook and Heavy-load pipe hook



Coil tipping hooks

Better handling, low weight due to high-strength steel.

Suitable for erecting coils due to the tilt support with high nose. These must be placed on collars, and individual slot belt rings must be well bundled. Working with the coil tipping hook is only possible with smaller coils and requires an attentive operation. Narrow slot belts can only be tilted in one direction!

	Load capacity [kg]	Internal height [mm]	Coil Inside-Ø [mm]	Coil width [mm]	Tipping nose width Zb [mm]	Fork length [mm]	Eye height V [mm]	Dead weight [kg]	Price [EUR]
CKH0050002000400	500	400	300	100-200	60	200	75	9	727,50
CKH0100002000450	1000	450	300	100-200	60	200	75	11	796,00
CKH0100003000500	1000	500	400	200-300	60	300	75	14	796,00
CKH0250002000500	2500	500	300	100-200	80	200	90	18	925,70
CKH0250003000500	2500	500	400	200-300	80	300	90	26	1.133,60
CKH0300003000550	3000	500	400	200-300	80	300	90	26	1.397,20



Simple tube hook

Flame cut hook, crane-side with shackle, inclination angle 15-30°

Heavy-load pipe hook

Low weight due to high-strength steel. Crane-side with shackle, inclination angle 15-30°, Load-side support surface with adapted radius.

	Designation	Load capacity [kg]	Price [EUR]	Extra charge secutex-coating [EUR]
ROH 0050 0000 1	Simple tube hook	1000	295,00	-
ROH 0100 0000 1	Simple tube hook	2000	382,40	-
ROH 0150 0000 1	Simple tube hook	3000	392,30	-
ROH 0250 0000 1	Simple tube hook	5000	633,30	-
ROH 0300 0000 0	Heavy-load pipe hook	6000	528,00	101,30
ROH 0425 0000 0	Heavy-load pipe hook	8000	565,50	101,30
ROH 0600 0000 0	Heavy-load pipe hook	12000	678,30	101,30
ROH 0800 0000 0	Heavy-load pipe hook	16000	678,30	101,30

AXZION COIL HOOKS

Optional

- secutex turning mat 10x200x300 mm (DxLxW)

Further product information can be found at: www.axzion.de/coil-hooks

Further sizes available on request!

Optional

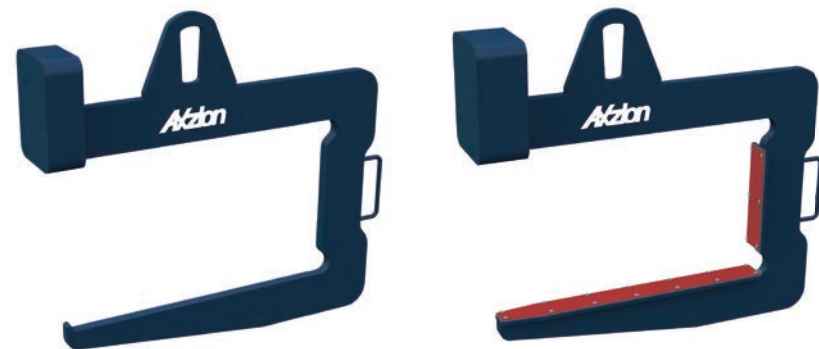
- Contact surface with replaceable secutex- buffer pad for the protection of high-quality pipe ends

Further product information can be found at: www.axzion.de/hooks

Further sizes available on request!

AXZION COIL HOOKS

Coil hook with counterweight



Coil hook with counterweight

For the cost-effective handling of coils and slot belts.

Robust construction made of high-quality steel, of course with material test certificate. Under load, the load-bearing forks move approx. 3° upwards. Due to the counterweight, the hook also hangs horizontally without load.

Optional

- With secutex impact protection on the inside of the back and / or the top of the forks

Further product information can be found at: www.axzion.de/coil-hooks

Further sizes available on request!

	Load capacity [kg]	Internal height [mm]	Fork length [mm]	Fork height [mm]	Fork width [mm]	Eye height V [mm]	Eye width W [mm]	Dead weight ca. [kg]	Price [EUR]	Extra charge SPL-Back [EUR]	Extra charge SPL-Fork [EUR]
CHG050000400060-0	5000	600	400	110	25	190	85	98	1.554,50	132,60	107,60
CHG050000400070-0	5000	700	400	110	25	190	85	110	1.696,90	145,10	107,60
CHG050000400080-0	5000	800	400	110	25	190	85	123	1.845,80	157,60	107,60
CHG050000400100-0	5000	1000	400	110	25	190	85	154	2.172,30	182,70	107,60
CHG050000500060-0	5000	600	500	125	25	190	85	107	1.691,30	132,60	120,20
CHG050000500070-0	5000	700	500	125	25	190	85	118	1.836,80	145,10	120,20
CHG050000500080-0	5000	800	500	125	25	190	85	131	1.986,50	157,60	120,20
CHG050000500100-0	5000	1000	500	125	25	190	85	157	2.303,00	182,70	120,20
CHG050000600060-0	5000	600	600	130	30	190	85	126	1.963,70	132,60	132,60
CHG050000600070-0	5000	700	600	130	30	190	85	138	2.139,00	145,10	132,60
CHG050000600080-0	5000	800	600	130	30	190	85	151	2.315,30	157,60	132,60
CHG050000600100-0	5000	1000	600	130	30	190	85	178	2.681,50	182,70	132,60
CHG100000500080-0	10000	800	500	140	40	270	120	271	3.213,60	157,60	120,20
CHG100000500100-0	10000	1000	500	140	40	270	120	328	3.791,60	182,70	120,20
CHG100000600070-0	10000	700	600	155	40	270	120	263	3.184,00	145,10	132,60
CHG100000600080-0	10000	800	600	155	40	270	120	286	3.458,30	157,60	132,60
CHG100000600100-0	10000	1000	600	155	40	270	120	338	4.035,70	182,70	132,60
CHG100000700070-0	10000	700	700	170	40	270	120	285	3.460,70	145,10	145,10
CHG100000700080-0	10000	800	700	170	40	270	120	308	3.748,60	157,60	145,10
CHG100000700100-0	10000	1000	700	170	40	270	120	357	4.342,50	182,70	145,10
CHG100000800070-0	10000	700	800	185	40	270	120	311	3.762,20	145,10	157,60
CHG100000800080-0	10000	800	800	185	40	270	120	334	4.067,00	157,60	157,60
CHG100000800100-0	10000	1000	800	185	40	270	120	382	4.688,80	182,70	157,60
CHG100001000070-0	10000	700	1000	185	50	270	120	399	4.898,10	232,60	308,30
CHG100001000080-0	10000	800	1000	185	50	270	120	424	5.301,70	257,70	308,30
CHG100001000100-0	10000	1000	1000	185	50	270	120	477	6.121,00	308,30	308,30
CHG160000600100-0	16000	1000	600	195	40	360	160	505	5.302,20	182,70	132,60
CHG160000700100-0	16000	1000	700	190	50	360	160	566	6.180,40	308,30	232,60
CHG160000800080-0	16000	800	800	205	50	360	160	523	5.746,10	257,70	257,70
CHG160000800100-0	16000	1000	800	205	50	360	160	597	6.610,70	308,30	257,70
CHG160001000070-0	16000	700	1000	235	50	360	160	571	6.176,70	232,60	308,30
CHG160001000080-0	16000	800	1000	235	50	360	160	606	6.640,00	257,70	308,30
CHG160001000100-0	16000	1000	1000	235	50	360	160	679	7.584,00	308,30	308,30
CHG160001200070-0	16000	700	1200	240	60	360	160	705	7.735,50	232,60	358,20
CHG160001200080-0	16000	800	1200	240	60	360	160	744	8.322,30	257,70	358,20
CHG160001200100-0	16000	1000	1200	240	60	360	160	824	9.513,80	308,30	358,20
CHG200000800100-0	20000	1000	800	230	50	360	160	716	7.360,90	308,30	257,70
CHG200001000080-0	20000	800	1000	240	60	360	160	763	8.001,20	257,70	308,30
CHG200001000100-0	20000	1000	1000	240	60	360	160	855	9.161,10	308,30	308,30
CHG200001200070-0	20000	700	1200	265	60	360	160	835	8.545,60	232,60	358,20
CHG200001200080-0	20000	800	1200	265	60	360	160	880	9.171,40	257,70	358,20
CHG200001200100-0	20000	1000	1200	265	60	360	160	973	10.441,10	308,30	358,20
CHG200001500070-0	20000	700	1500	280	70	360	160	1084	11.164,50	232,60	433,30
CHG200001500080-0	20000	800	1500	280	70	360	160	1135	11.974,40	257,70	433,30
CHG200001500100-0	20000	1000	1500	280	70	360	160	1238	13.612,20	308,30	433,30

Coil hook with counterweight, heavy load, 200,000 load changes



Coil hook with counterweight, heavy load, 200,000 load changes

For intensive use, design according to DIN EN 13001 and Eurocode EN 1993.

Robust construction made of high-quality steel, of course with material test certificate. With additional reinforcement plate in the back area. Under load, the load-bearing forks move approx. 3° upwards. Due to the counterweight, the hook also hangs horizontally without load.

AXZION COIL HOOKS

Optional

- With secutex impact protection on the inside of the back and / or the top of the forks

Further product information can be found at: www.axzion.de/coil-hooks

Further sizes available on request!

	Load capacity [kg]	Internal height [mm]	Fork length [mm]	Fork height [mm]	Fork width [mm]	Eye height V [mm]	Eye width W [mm]	Dead weight ca. [kg]	Price [EUR]	Extra charge SPL-Back [EUR]	Extra charge SPL-Fork [EUR]
CHG050000400060-1	5000	600	400	110	25	190	85	120	1.865,40	132,60	107,60
CHG050000400070-1	5000	700	400	110	25	190	85	135	2.036,30	145,10	107,60
CHG050000400080-1	5000	800	400	110	25	190	85	150	2.215,00	157,60	107,60
CHG050000400100-1	5000	1000	400	110	25	190	85	190	2.606,80	182,70	107,60
CHG050000500060-1	5000	600	500	125	25	190	85	130	2.029,60	132,60	120,20
CHG050000500070-1	5000	700	500	125	25	190	85	145	2.204,20	145,10	120,20
CHG050000500080-1	5000	800	500	125	25	190	85	160	2.383,80	157,60	120,20
CHG050000500100-1	5000	1000	500	125	25	190	85	190	2.763,60	182,70	120,20
CHG050000600060-1	5000	600	600	130	30	190	85	155	2.356,50	132,60	132,60
CHG050000600070-1	5000	700	600	130	30	190	85	170	2.566,80	145,10	132,60
CHG050000600080-1	5000	800	600	130	30	190	85	185	2.778,40	157,60	132,60
CHG050000600100-1	5000	1000	600	130	30	190	85	215	3.217,80	182,70	132,60
CHG100000500080-1	10000	800	500	140	40	270	120	330	3.856,40	157,60	120,20
CHG100000500100-1	10000	1000	500	140	40	270	120	395	4.550,00	182,70	120,20
CHG100000600070-1	10000	700	600	155	40	270	120	320	3.820,80	145,10	132,60
CHG100000600080-1	10000	800	600	155	40	270	120	345	4.150,00	157,60	132,60
CHG100000600100-1	10000	1000	600	155	40	270	120	410	4.842,90	182,70	132,60
CHG100000700070-1	10000	700	700	170	40	270	120	345	4.152,90	145,10	145,10
CHG100000700080-1	10000	800	700	170	40	270	120	370	4.498,40	157,60	145,10
CHG100000700100-1	10000	1000	700	170	40	270	120	430	5.211,00	182,70	145,10
CHG100000800070-1	10000	700	800	185	40	270	120	375	4.514,70	145,10	157,60
CHG100000800080-1	10000	800	800	185	40	270	120	405	4.880,40	157,60	157,60
CHG100000800100-1	10000	1000	800	185	40	270	120	460	5.626,60	182,70	157,60
CHG100001000070-1	10000	700	1000	185	50	270	120	480	5.877,80	232,60	308,30
CHG100001000080-1	10000	800	1000	185	50	270	120	510	6.362,10	257,70	308,30
CHG100001000100-1	10000	1000	1000	185	50	270	120	575	7.345,20	308,30	308,30
CHG160000600100-1	16000	1000	600	195	40	360	160	610	6.362,70	182,70	132,60
CHG160000700100-1	16000	1000	700	190	50	360	160	680	7.416,50	308,30	232,60
CHG160000800080-1	16000	800	800	205	50	360	160	630	6.895,40	257,70	257,70
CHG160000800100-1	16000	1000	800	205	50	360	160	720	7.932,90	308,30	257,70
CHG160001000070-1	16000	700	1000	235	50	360	160	685	7.412,10	232,60	308,30
CHG160001000080-1	16000	800	1000	235	50	360	160	730	7.968,00	257,70	308,30
CHG160001000100-1	16000	1000	1000	235	50	360	160	815	9.100,80	308,30	308,30
CHG160001200070-1	16000	700	1200	240	60	360	160	850	9.282,60	232,60	358,20
CHG160001200080-1	16000	800	1200	240	60	360	160	895	9.986,80	257,70	358,20
CHG160001200100-1	16000	1000	1200	240	60	360	160	990	11.416,60	308,30	358,20
CHG200000800100-1	20000	1000	800	230	50	360	160	860	8.833,10	308,30	257,70
CHG200001000080-1	20000	800	1000	240	60	360	160	920	9.601,50	257,70	308,30
CHG200001000100-1	20000	1000	1000	240	60	360	160	1030	10.993,40	308,30	308,30
CHG200001200070-1	20000	700	1200	265	60	360	160	1005	10.254,80	232,60	358,20
CHG200001200080-1	20000	800	1200	265	60	360	160	1060	11.005,70	257,70	358,20
CHG20											

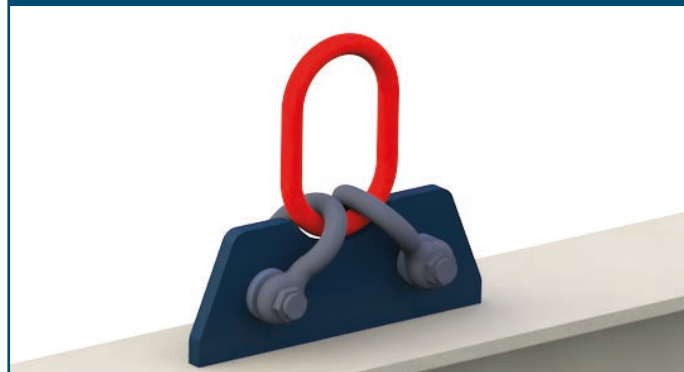
AXZION COIL HOOKS

Determine your design
Suspension, design of the hook, optional

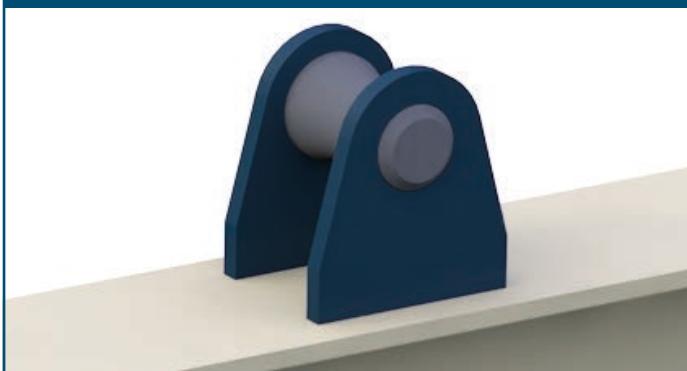
EYE SUSPENSION, RIGID



VARIO SUSPENSION, RIGID



BOLT SUSPENSION



2 STRAND CHAIN SUSPENSION TYPE VIP, 1M



Optional

SLIT SPLIT SECURED BY PIN

holding force / recommended holding force = coil weight: 2	Price [EUR]
125 kg	367,74
250 kg	469,89
500 kg	704,84
1000 kg	1225,80
1500 kg	1603,75
2000 kg	2165,58



SLIT STRIP SECURING BY BOLT



EQUIPMENT WITH SECUTEX IMPACT PROTECTION



Prices and Productinformation available on request!

Vario coil hooks



Vario coil hooks

In the steel processing industry, C-hooks are used for the cost-effective handling of coils. These load-bearing devices are precisely suited for one coil width, and different hooks must be used for different sizes. If the load centre is not exactly under the crane hook, the hook is suspended under load and the coil can slip. Axzion-GKS, the specialist for load-bearing devices in the SpanSet Group, has developed the Vario-Coil hook for changing coil widths.

	Load capacity [kg]	Internal height [mm]	Fork length [mm]	Fork height [mm]	Fork width [mm]	Eye height V [mm]	Eye width W [mm]	Coil width [mm]	Price [EUR]
VCH0500010000600	5000	600	1000	145	40	160	95	340	5.765,40
VCH0500012500600	5000	600	1250	170	40	160	95	420	6.543,10
VCH0500015000600	5000	600	1500	185	40	160	95	500	7.358,70
VCH0800010000700	8000	700	1000	185	40	190	110	340	6.945,20
VCH0800012500700	8000	700	1250	190	50	190	110	420	8.559,50
VCH0800015000700	8000	700	1500	210	50	190	110	500	9.747,80
VCH1000010000800	10000	800	1000	185	50	190	110	340	8.430,50
VCH1000012500800	10000	800	1250	210	50	190	110	420	9.742,40
VCH1000015000800	10000	800	1500	235	50	190	110	500	11.122,30
VCH1600010000900	16000	900	1000	235	50	240	140	340	10.841,40
VCH1600012500900	16000	900	1250	245	60	240	140	420	13.366,50
VCH1600015000900	16000	900	1500	270	60	240	140	500	15.324,30
VCH2000010001000	20000	1000	1000	240	60	240	140	340	13.303,80
VCH2000012501000	20000	1000	1250	275	60	250	150	420	15.432,10
VCH2000015001000	20000	1000	1500	280	70	250	150	500	18.806,20
VCH2000020001000	20000	1000	2000	335	70	250	150	670	24.024,60
VCH2500010001200	25000	1200	1000	265	60	250	150	340	16.105,00
VCH2500012501200	25000	1200	1250	280	70	250	150	420	19.751,60
VCH2500015001200	25000	1200	1500	315	70	250	150	500	22.640,50
VCH2500020001200	25000	1200	2000	350	80	250	150	670	30.602,00
VCH3000015001200	30000	1200	1500	345	70	250	150	500	24.923,90
VCH3000017501200	30000	1200	1750	355	80	250	150	590	29.839,60
VCH3000020001200	30000	1200	2000	345	100	250	150	670	37.125,80

Further sizes available on request!

AXZION COIL HOOKS

Optional

- The protection of high-quality coils due to the application of secutex impact protection is available for all coil sizes.
- Storage rack



Further product information can be found at:
www.axzion.de/coil-hooks

AXZION COIL HOOKS

Storage rack for coil hooks

Optional

- Lashing-points

Storage rack for coil hooks

BGR 500: Connecting and load-bearing devices must be set down or placed so that they can not tip over, fall or slide off. Take precautions and order the proper rack for your coil hook. Solid profile steel construction with mounting points for floor mounting.



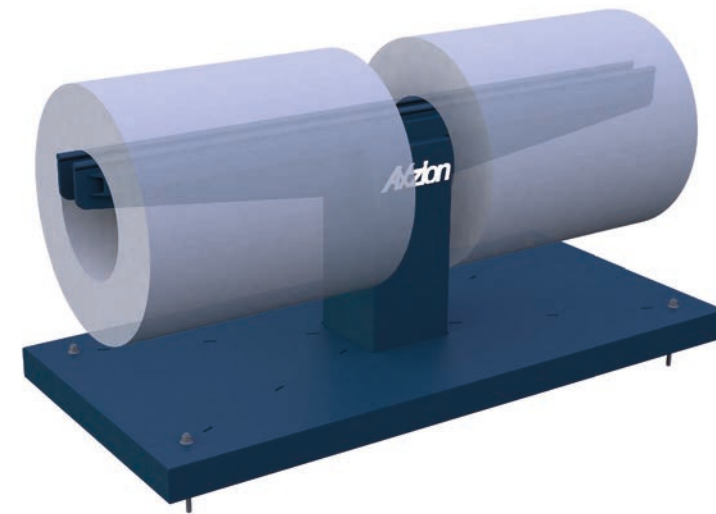
Versions of the coil rack for coil hook

		Price [EUR]
small	Hook weight max. 200 kg	475,00
medium	Hook weight max. 1000 kg	712,50
large	Hook weight max. 2500 kg	950,00

Further Prices and Productinformation available on request!

Further product information can be found at: www.axzion.de/coil-rack

AXZION storage rack for slit strips



AXZION storage rack for slit strips

Often, slit strips must be separated from their loading unit before processing. For this purpose, they are usually placed horizontally in order to remove them individually. The slit strips packages used with a separate tilting chair are transported with a large coil hook to the storage rack and separated there. Filling is possible from both sides. While coils are removed for production on one side, the trays are refilled on the other side.

	Load capacity [kg]	Internal height [mm]	Fork length [mm]	Fork height [mm]	Fork width [mm]	Eye height V [mm]	Eye width W [mm]	Dead weight ca. [kg]	Price [EUR]	Extra charge SPL-Back [EUR]	Extra charge SPL- Fork [EUR]
CHG0500005000801	5000	800	500	125	25	190	85	160	2.384,00	157,60	120,20
CHG0500008000801	5000	800	800	150	30	190	85	220	3.301,00	157,60	157,60
CHG1000008001001	10000	1000	800	185	40	270	120	460	5.627,00	182,70	157,60
CHG1000012001001	10000	1000	1200	205	50	270	120	665	8.463,00	308,30	358,20
CHG2000012001201	20000	1200	1200	265	60	360	160	1285	14.080,50	358,20	358,20



AXZION COIL HOOKS

Information

- Tilt-proof mounting
- Easily loadable with crane and hook
- Floor mounting
- Robust design

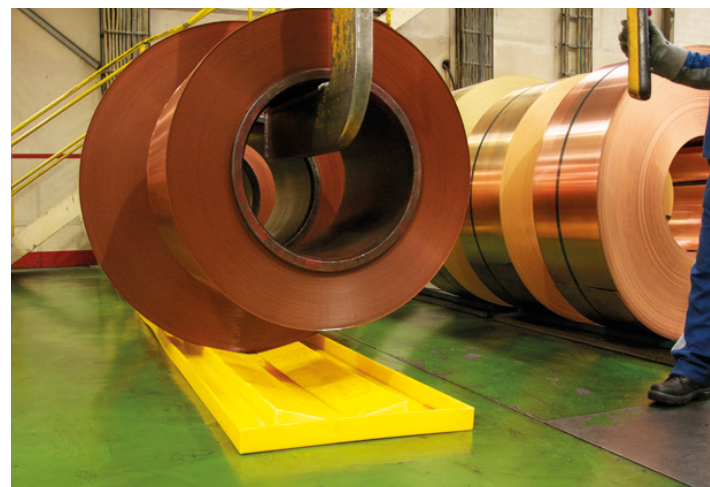
Optional

- With secutex impact protection coating for sensitive coils
- Special sizes

Further product information can be found at: www.axzion.de/storage-rack

Further sizes available on request!





Secutex coil trays

For gentle coil handling and safe storage

A significant part of the total cost of a product is the damage caused by the absence of impact protection.

The main causes are carelessness, negligence and improper handling. These are preventable damages to goods and inventory. Secutex-Coilprotect is the optimal solution for the safe handling, rational transport and gentle storage of coils and wire coils.

At the processing plants, the coils have to be provided for processing in the standing position. Due to falling coils, serious accidents occur again and again.

The protection of the sheet metal coils produced or processed for further processing is becoming more and more important. Incorrect handling and incorrect positioning are the most frequent cause

of pressure points on sensitive thin-sheet coils. These, in turn, can lead to considerable problems during the subsequent shaping.

„Well-known car manufacturers have established that the pressure points are detectable up to the sixth layer. This leads to significant problems and additional costs in running shaping processes“. Secutex, a polyurethane elastomer with outstanding physical and chemical properties, can be produced in almost any form:

High structural strength

secutex is extremely tear-resistant compared to other chemical materials. The polyurethane can be stretched to 500% of its original length without tearing.

Special elasticity

secutex offers considerably higher elasticity compared to conventional rubber, even in the event of extreme temperature fluctuations.

Extreme wear and abrasion resistance

secutex is hard to beat. In the wet wear strength test, secutex was better than many metals.

SECUTEX COILPROTECTION

Advantages

- Easily positioned by hand
- almost indestructible as made of solid secutex
- Oil and lubricant resistant

Optional

- Carrying handle and oil drainage channel
- Profile made of the heat resistant „secutex heat“ (up to 150 ° C)
- Mounting holes
- Tapered ends for loading with a forklift

Further product information can be found at:
www.secutex.de/product/secutex-coilmat

Further sizes available on request!

Advantages

- Employee protection
- Extremely robust, long life
- Protection of the high-quality surfaces: secutex impact protection
- resistant to oil and grease, non-recyclable
- Absolutely stable
- Absolutely roll-safe

Optional

- Impact protection overlay made of heat-resi stant impact protection „secutex Heat“
- Coated support rods
- Transport trolleys for set up rods
- End block for oblique and vertical storage

Further product information can be found at:
www.secutex.de/product/coilprotect-premium

Further sizes available on request!

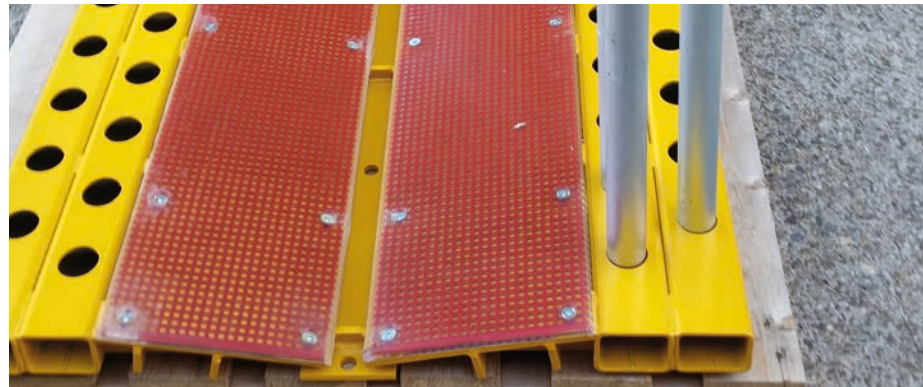
secutex Coilmat
 secutex Coilprotect Premium



Secutex Coilmat, flexible mats made of secutex impact protection

The lightweight and flexible coil mat has been designed for the storage of coils. It is practical to handle. In this way, temporary storage can be created quickly and flexibly, or existing storage can be expanded in the event of bottlenecks.

Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
30	400	3.000	800-1.400
43	400	3.000	1.000-1.600
54	400	3.000	1.200-1.800
65	500	3.000	1.200-2.100



secutex-Coilprotect Premium, Coilprotect with additional set-up series

The Coilprotect Premium is a further development to the existing Coilprotect Semi. The second set-up row permits an even narrower grid, especially for narrow slit strips. The coil tray can be equipped with coil hooks and coil tongs. Due to the greater width of the coil tray, the customer has to check into loading by means of a forklift truck. Secutex Coilprotect are made of robust steel and designed for the permanent storage of coils. Secutex-Coilprotect can be loaded with coil hooks, coil tongs or, after testing, with a forklift.

	Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
Coilprotect Premium 1000	80	833	1.000	800 - 2.000
Coilprotect Premium 1500	80	833	1.500	800 - 2.000
Coilprotect Premium 2000	80	833	2.000	800 - 2.000
Coilprotect Premium 2500	80	833	2.500	800 - 2.000
Coilprotect Premium 3000	80	833	3.000	800 - 2.000
Coilprotect Premium special length	80	833	*	800 - 2.000

* on demand

Coilprotect „Altus“, Coil storage in a tall design
 Coilprotect „Semi“, low profile coil storage



Coilprotect „Altus“, Coil storage in a tall design

secutex coil tray in a high design for the permanent storage of coils in all coil sizes. This coil storage can only be loaded with coil hooks and coil tongs.

Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
210	1225	1000	1200-2400
210	1225	1500	1200-2400
210	1225	2000	1200-2400
210	1225	2500	1200-2400
210	1225	3000	1200-2400



Coilprotect „Semi“, low profile coil storage

secutex coil tray in the low profile design for the permanent storage of coils in all coil sizes. The coil tray can be loaded with coil hooks / coil tongs as well as with a forklift truck.

Height [mm]	Width [mm]	Length [mm]	Coil-ø [mm]
80	675	1000	800-2000
80	675	1500	800-2000
80	675	2000	800-2000
80	675	2500	800-2000
80	675	3000	800-2000

SECUTEX COILPROTECTION

Advantages

- Especially robust design
- Suitable for long-term storage
- Protection of high-quality coils by secutex impact protection pads
- Oil drainage trough and mounting holes
- Absolute stability
- Absolute anti-roll protection

Optional

- Impact protection overlay made of heat-resistant impact protection „secutex Heat“
- Support rods, coated
- Transport trolley for support rods
- End stand for inclined and vertical storage

Further product information can be found at:
www.secutex.de/product/coilprotect-altus

Further sizes available on request!

Advantages

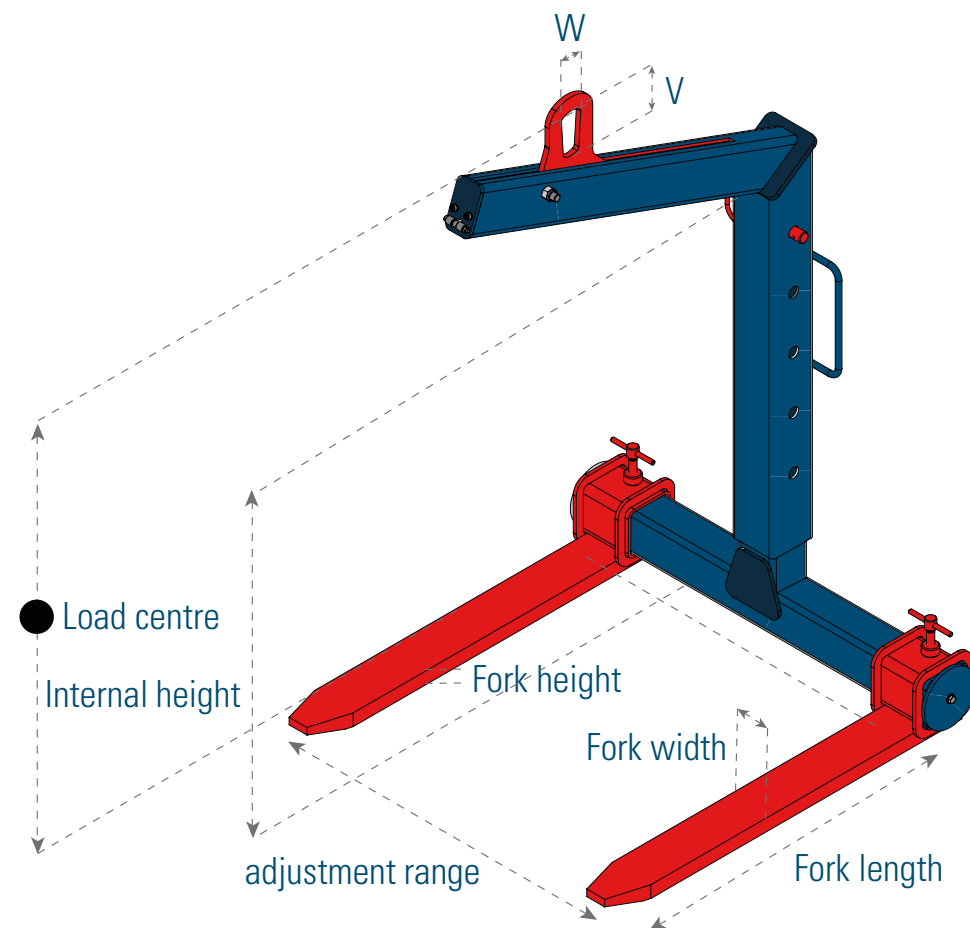
- Especially robust design
- Suitable for long-term storage
- Protection of high-quality coils by secutex impact protection pads
- Oil drainage trough and mounting holes
- Absolute stability
- Absolute anti-rolling protection

Optional

- Impact protection overlay made of heat-resistant impact protection „secutex Heat“
- Support rods, coated
- Transport trolley for support rods
- Stand for inclined and vertical storage

Further product information can be found at:
www.secutex.de/product/coilprotect-semi

Further sizes available on request!



Loading forks

Proper loading and set down

Loading and unloading forks are ideal for ground-level transport of pallets, wire mesh boxes and other bundled loads with a crane. The Axzion loading forks can be perfectly adapted to the various loads by means of a height adjustment and the side-adjustable forks. Also designed for lengthwise transport. Lifting specialists know that the standard pallets and wire mesh boxes have a length of 1200 mm and the load centre is 600 mm. The light loading forks

with a load centre of 500 mm are not suitable here. The loading fork is suspended under load with the fork points downwards. The load can be lost.

Please note:

- ✓ Transporting loads with a centre of mass in front of the suspension (towards the tip of the fork) leads to the fork tilting downwards and is forbidden.
- ✓ Overloading the loading fork can lead to overloading and is not permitted.

AXZION LOADING FORKS

Information

- Solid construction made of robust hollow profiles
- Load centre 600 mm
- With extra large suspension ring, high strength 260x140 mm (HxW)
- Compact prongs, side adjustable
- Variant I: Fixed loading height
- Variant II: Flexible loading height by height adjustment

Optional

- High strength load forks, thus smaller cross-sections
- safety basket
- 2x2 pieces LBS 3 t in the back area suitable for hanging 2 lashing straps
- secutex fork coating

Loading forks with manual weight compensation
Loading fork with manual weight compensation, fixed design



Loading forks with manual weight compensation

Robust design, with large suspension ring

For unevenly loaded pallets, the exact load centre is not always in the middle. Thanks to the easy-to-hang suspension ring, the loading fork can be easily adapted to different load centres.

Designation	Load capacity [kg]	Internal height max. [mm]	Internal height min. [mm]	Length [mm]	Height [mm]	Fork width [mm]	Adjustment range [mm]	Height t [mm]	Dead weight ca. [mm]	Price [EUR]
LMS 0100 0100 6 Not height-adjustable, Load centre point 600 mm	1000	1300	-	1000	35	80	900	1450	110	1.121,10
LMS 0150 0100 6 Not height-adjustable, Load centre point 600 mm	1500	1300	-	1000	40	100	900	1500	140	1.134,00
LMS 0200 0100 6 Not height-adjustable, Load centre point 600 mm	2000	1300	-	1000	40	130	900	1570	165	1.429,30
LMS 0300 0100 6 Not height-adjustable, Load centre point 600mm	3000	1300	-	1000	50	130	900	1650	220	1.587,40
LMH 0100 0100 6 height-adjustable, Load centre point 600 mm	1000	1300	2000	1000	35	80	900	1800	120	1.271,70
LMH 0150 0100 6 height-adjustable, Load centre point 600 mm	1500	1300	2000	1000	40	100	900	1850	150	1.299,00
LMH 0200 0100 6 height-adjustable, Load centre point 600 mm	2000	1300	2000	1000	40	130	900	1900	180	1.747,30
LMH 0300 0100 6 height-adjustable, Load centre point 600 mm	3000	1300	2000	1000	50	130	900	1950	240	1.950,10

Information

- Simple design
- Load centre only 500 mm!!!
- Fork prongs, not adjustable on the sides
- Fixed loading height



Loading fork with manual weight compensation, fixed design

These particularly economical loading forks are suitable for palletised goods. The weight compensation is carried out by moving the crane hook eye manually. The prongs cannot be moved laterally.

Designation	Load capacity [kg]	Fork length [mm]	Height [mm]	Width [mm]	Adjustment range [mm]	Height t [mm]	Dead weight ca. [mm]	Price [EUR]
LME 0100 0100 5	1000	900	35	80	900	1450	95	947,00
LME 0150 0100 5	1500	900	40	100	900	1500	120	964,70
LME 0200 0100 5	2000	900	40	130	900	1570	145	1.128,60

Loading forks with automatic weight compensation



Loading forks with automatic weight compensation

The Axzion loading forks are placed automatically at the structural center of mass by means of trolleys and gas pressure springs. The load centre of mass be above the centre of the tine. The loading fork may only be lifted when the movable eye has reached its load position. In the empty state, the suspension head is pressed against the rear stop by the wear-free gas pressure spring and automatically hangs horizontally. Under load, the eye moves to the front stop and the loading fork is hanging straight. For a safe function of the self-sufficient weight compensation, at least 20% of the nominal load must act on the tines.

- Solid structure made of robust hollow profiles
- Load centre 600 mm
- With suspension eye suitable for crane hooks
- With wear-free, gas pressure spring
- Compact prong, side-adjustable
- Variant I: Fixed loading height
- Variant II: Flexible loading side adjustable by height adjustment

Designation	Load capacity [kg]	Internal height max. [mm]	Internal height min. [mm]	Fork length [mm]	Fork height [mm]	Fork width [mm]	Adjustment range [mm]	Height t [mm]	Dead weight ca. [mm]	Price [EUR]
LAS 0100 0100 6 Not height-adjustable, Load centre point 600 mm	1000	1300	-	1000	35	80	900	1450	110	1.465,50
LAS 0150 0100 6 Not height-adjustable, Load centre point 600 mm	1500	1300	-	1000	40	100	900	1500	140	1.492,70
LAS 0200 0100 6 Not height-adjustable, Load centre point 600 mm	2000	1300	-	1000	40	130	900	1570	165	1.746,10
LAS 0300 0100 6 Not height-adjustable, Load centre point 600mm	3000	1300	-	1000	50	130	900	1650	220	2.011,10
LAH 0100 0100 6 height-adjustable, Load centre point 600 mm	1000	1300	2000	1000	35	80	900	1800	120	1.605,60
LAH 0150 0100 6 height-adjustable, Load centre point 600 mm	1500	1300	2000	1000	40	100	900	1850	150	1.735,90
LAH 0200 0100 6 height-adjustable, Load centre point 600 mm	2000	1300	2000	1000	40	130	900	1900	180	1.959,10
LAH 0300 0100 6 height-adjustable, Load centre point 600 mm	3000	1300	2000	1000	50	130	900	1950	240	2.267,40

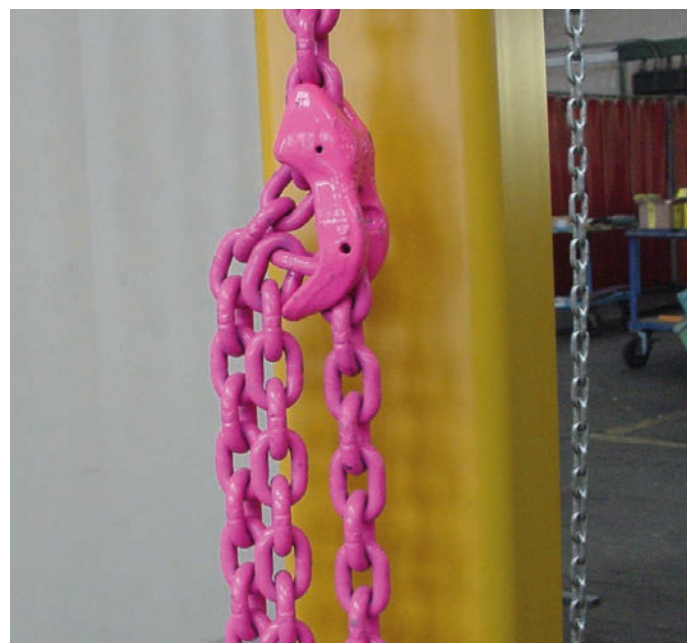
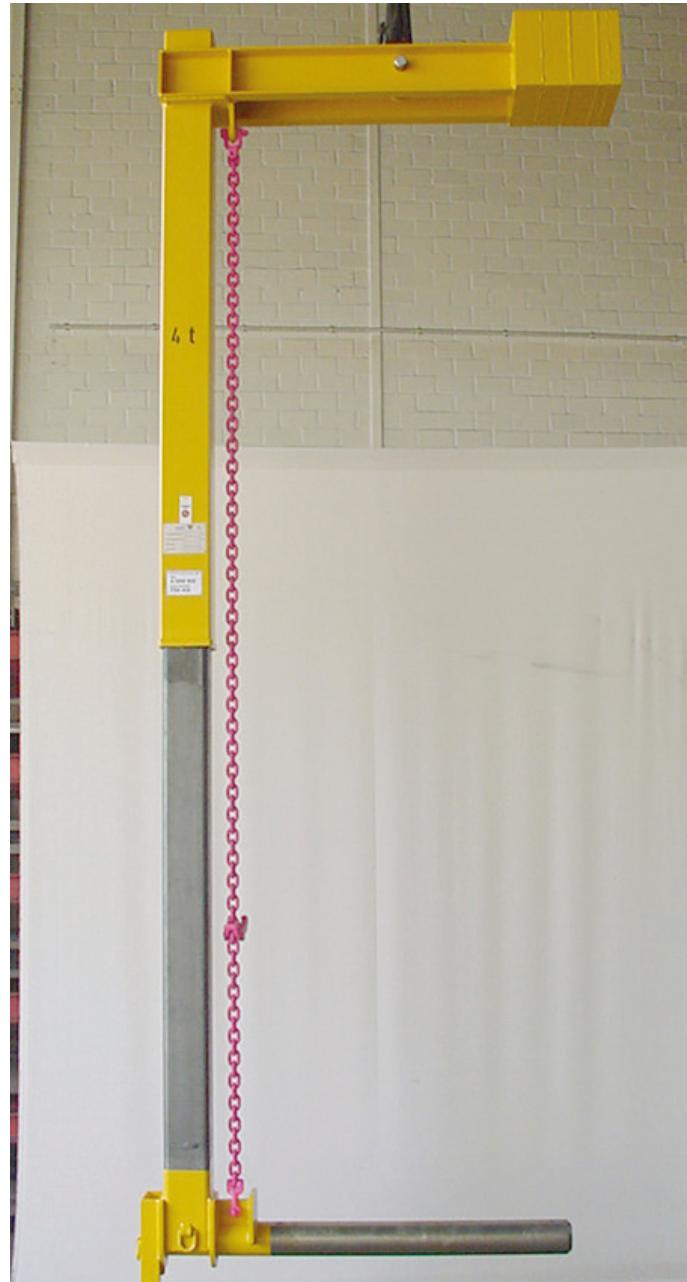
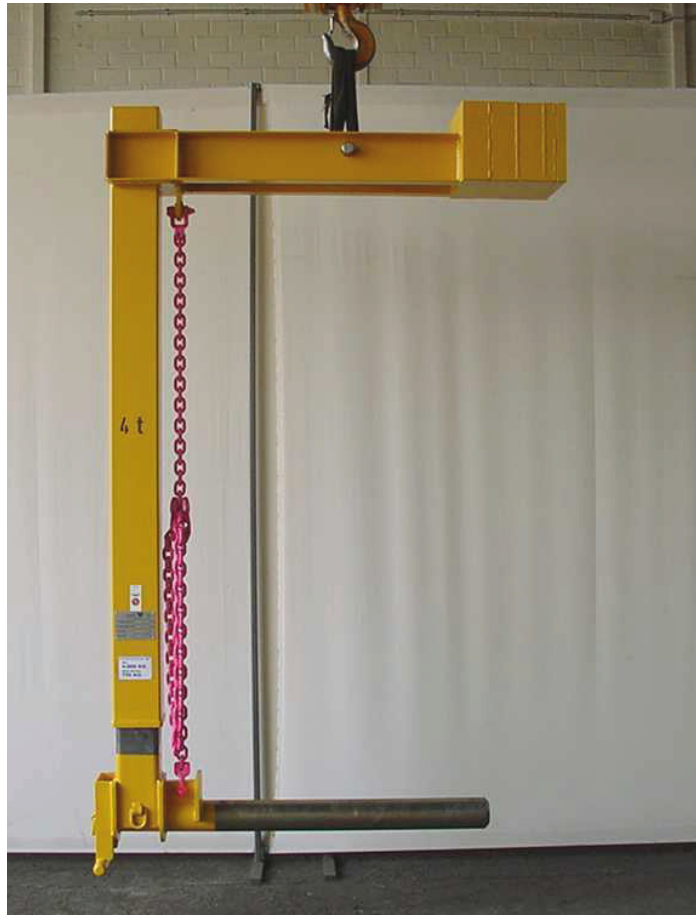
Further sizes available on request!

AXZION LOADING FORKS

Optional

- High-strength load prongs, thus smaller prong cross sections
- Safety basket
- 2x2 pieces LBS 3 t in the back area suitable for hanging 2 lashing straps
- secutex prong coating

Further product information can be found at:
www.axzion.de>Loading-forks



With the control fork, pallets and wire mesh boxes can be placed in the shelves provided for this purpose with the crane. In this case, the effective height can be increased or reduced quickly and very simply:

- Placing the shelf control fork on the floor of the hall
- Telescoping the back by the weight of the load-bearing device.
- Shortening the chain, done.

At the same time, the reduced height is required to fill the upper shelf compartments, while the storage of pallets in the lower storage bins requires a large internal height. Of course, the crane hook must always be above the load centre.

The size and design can easily be adapted to the load and also to the existing shelf.

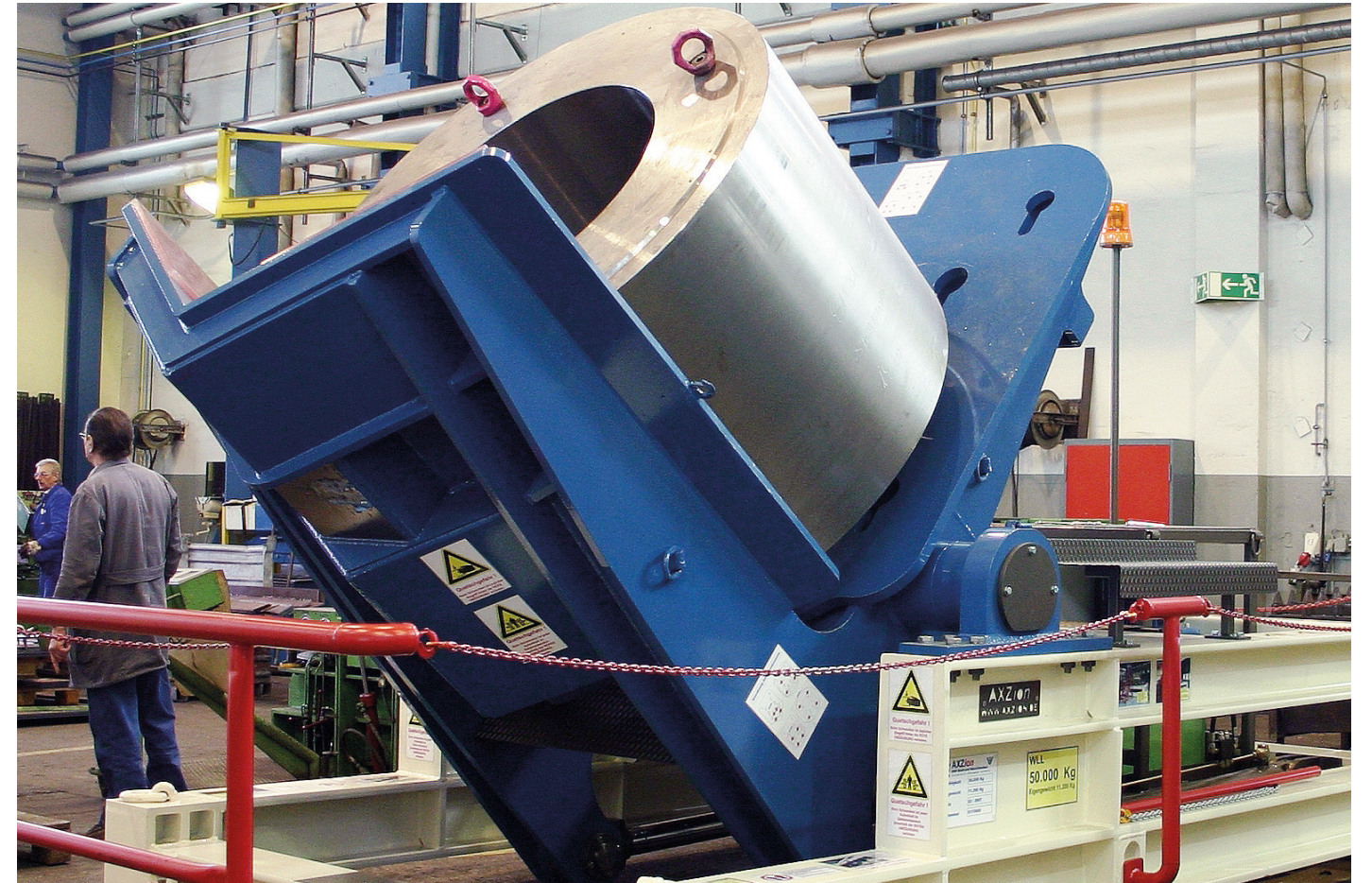
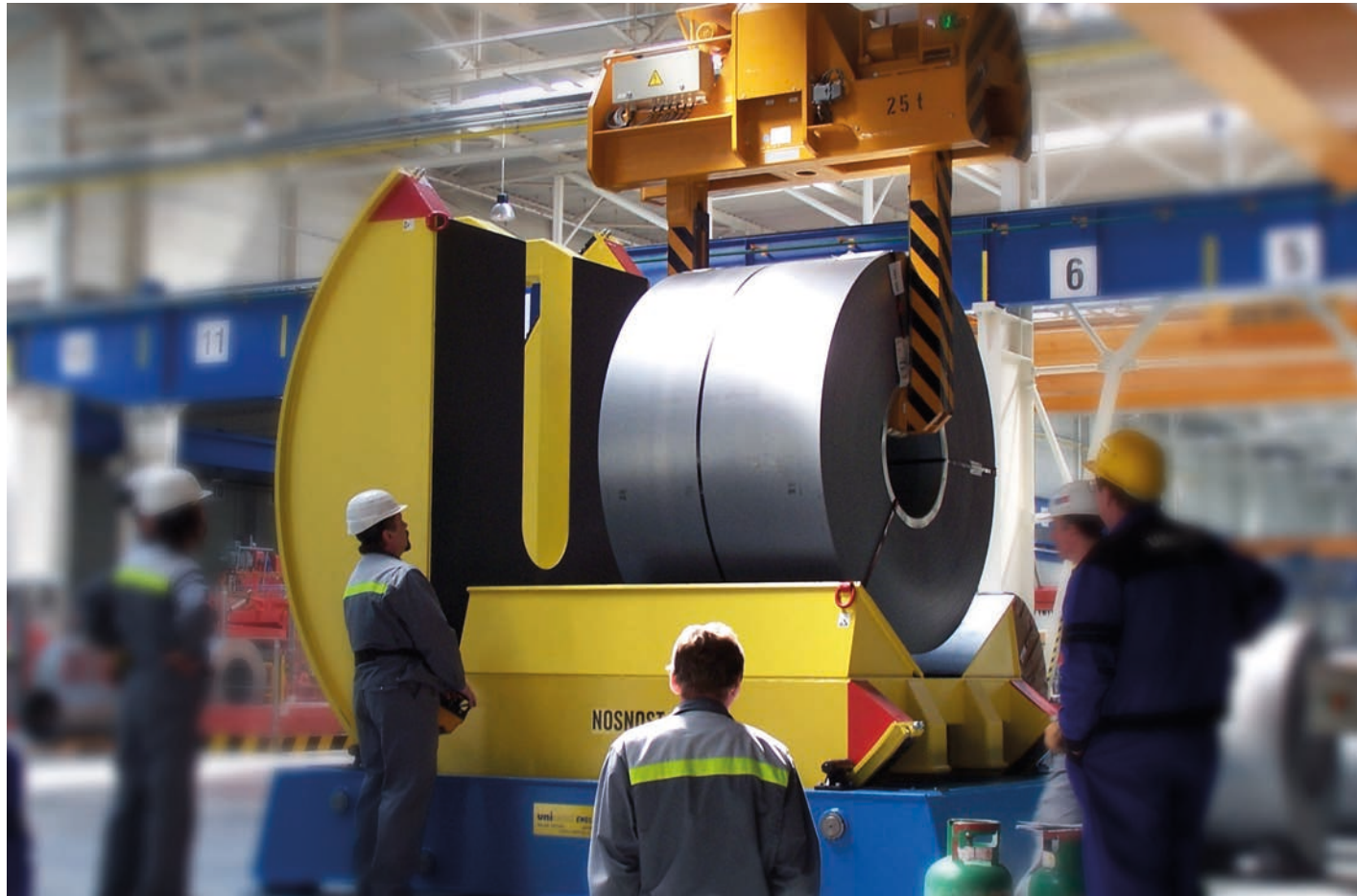
Prices and Productinformation available on request!



Optional

- Round forks for use as coil hooks

Further product information
can be found at:
www.axzion.de/shelf-control-for



General Terms and Conditions of Axzion GKS Stahl- und Maschinenbau GmbH**As of August 2012**

We sell exclusively in line with the following sales, delivery and payment terms. The purchasing conditions of the buyer are hereby expressly contradicted. Our general terms and conditions apply to the entire future business relationship, unless the buyer is not a merchant in the sense of the German Commercial Code (HGB).

§ 1 Conclusion of the contract

The offers of the seller are as a rule, free and non-binding. The delivery contract comes into force only upon our acceptance of the order of the buyer (order confirmation). Block orders (= call-off orders) require explicit agreement, as does re-scheduling. For goods purchased on demand, the longest deadline is five months, within which the goods must be accepted in full, unless expressly agreed otherwise. Amendments to the contract and verbal collateral agreements shall only be effective upon written confirmation. Fixed transactions require special agreement.

§ 2 Price

The prices are based on the cost structure on the day of the order confirmation. If a binding price agreement has been concluded, the seller can nevertheless correct the prices if four months have elapsed since the conclusion of the contract and subsequently the delivery or service are directly or indirectly affected by additional public charges, ancillary charges, freight charges or their increase or other legal measures or a change in the cost factors such as wages or material costs, on which the prices of the seller are based. This does not apply to services to a non-buyer. The prices are understood, unless otherwise agreed, from the warehouse of the seller. Packaging will be charged separately and will not be returnable. All prices quoted are exclusive of the statutory value-added tax (VAT) valid at the time of delivery, which is additionally calculated and reported.

§ 3 Tolerances**§ 3.1 Technical tolerances**

The tolerances customary in steel construction shall apply to meet the technical characteristics of our products.

§ 3.2 Volume tolerances for special items

An order is deemed to be met by the seller if the delivery was executed with a volume tolerance of +/- 10% on the basis of the purchaser's order quantity.

§ 6 Limitation of Liability and Limitations

In the event of a violation of contractual and non-contractual obligations, in particular due to impossibility, delay, debt in the initiation of the contract and tort, we shall be liable - also for our executive employees and other vicarious agents - only in cases of intent and gross negligence limited to typical contractual damage foreseeable at the time of the contract conclusion. These limitations do not apply in case of culpable breach of essential contractual obligations insofar as the achievement of the contractual purpose is jeopardised, in cases of mandatory liability under the Product Liability Act, in case of injury to life, body or health and also not if and insofar as we fraudulently concealed material defects or guaranteed their absence. The rules on the burden of proof remain unaffected. Unless otherwise agreed upon, contractual claims which the buyer incurs against us on the occasion of or in connection with the delivery of the goods shall become statute-limited one year after delivery of the goods. This period shall also apply to goods which, according to their usual use, have been used for a structure and caused its defect, unless such use was agreed in writing. Our liability for intentional and grossly negligent breach of duty as well as the limitation of statutory recourse claims remain unaffected. In the event of subsequent performance, the limitation period shall not begin to run again. Our invoices are due within 30 days (payment target) after the date of invoice. The buyer is in default at the latest 10 days after the due date of our claim without a reminder. Cash discount deductions are not permitted.

§ 7 Payment and Delay

Any counterclaims which we dispute or which have not been legally established do not entitle the buyer to withhold or offset. If we exceed the payment target, at the latest after the delay, we are entitled to charge interest in the amount of the respective bank rates for overdraft credits, but at least interest rates of 8 percentage points above the base interest rate, and in the case of non-buyers in the amount of 5 percentage points above the base interest rate. We reserve the right to claim further damages.

§ 8 Retention of title

The goods delivered remain the property of the seller until full payment of all seller claims against the buyer. If goods belong to the buyer's normal business, the buyer is entitled to resell and process the reserved goods. Resale is, however, only permissible if the purchaser retains and protects the seller's retention of title. A pledging or safeguarding of the reserved goods by the buyer is not permissible. The purchaser shall demand the buyer's claim for the resale of the reserved goods up to the amount of the seller's total claim as collateral and shall inform its buyer of the assignment to the seller on a case-by-case basis. The seller accepts this assignment. Irrespective of the assignment, the buyer shall be entitled to collect the assigned receivables as long as he meets his obligations towards the seller and does not incur a financial loss. If the value of the security available for the seller exceeds all its claims by more than 10%, the seller is obliged, at the buyer's request, to release securities at his discretion. The buyer is obligated to inform the seller without delay about all circumstances in connection with the retention of title - resale and demand assignment, combination, mixing, processing, recovery of assigned claims, any enforcement measures of third parties in the goods or their claims, etc.. In the case of combining, mixing or processing the reserved goods with other goods not belonging to the seller, the seller shall be entitled to the resulting co-ownership share in the new item.

If the buyer acquires the sole ownership of the new item, the contracting parties agree that the buyer grants co-ownership to the seller in the proportion of the value of the reserved goods to the new item. If the reserved goods are resold together with other goods, whether with or without combination, mixing or processing, the above-agreed advance assignment shall only apply to the total claims of the seller. In the event of the enforcement measures of third parties in the reserved goods or their claims, the buyer undertakes to provide the seller with the documents and information necessary for the pursuit of his rights free of charge. The buyer undertakes to return the reserved goods if the supplier's rights are jeopardised, but only to the amount of the outstanding claims of the seller.

§ 9 Place of Performance, Jurisdiction, Applicable Law

For these terms of business, for orders and deliveries between the seller and foreign customers, it is agreed that the law of the Federal Republic of Germany applies to all business relations, irrespective of the legal foundation on which they are based. The uniform purchasing right (EKG) and / or other intergovernmental law shall also be excluded in the case of customers belonging to a contracting state. The contractual language for our business relations is German. The place of performance for all claims arising from this contract is the place of business of the seller. The jurisdiction for all disputes arising out of the contractual relationship as well as regarding its occurrence and its effectiveness (also for bills of exchange and checks) shall be the registered office of the vendor, insofar as the contractual partner is a registered trader, legal person of public law or public special fund.

§10 Severability clause

If one of these conditions is void for any reason, this does not affect the validity of the remaining conditions. The void clause is to be replaced by a provision which comes as close as possible to the parties' intention.

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www.axzion.de

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