

# KITO

## MAIN BROCHURE

### HOISTS



# Succeeding together

The demands of our partners provide the benchmark in all our endeavours. KITO premium hoists alone cannot ensure the total satisfaction of our partners and their customers. Our service and offering must always live up to our first-class products in terms of quality. That is our philosophy.

Continuing a long tradition, we constantly strive to improve our products and processes. We are prepared to learn from the challenges of today's business world and the requirements of industry – This is precisely what drives the KITO team forward and ensures customer focussed collaboration. We are particularly proud of this and we cherish the KITO spirit as our most valuable asset.

KITO – LIFTING EXPECTATIONS





## About KITO

KITO: an established brand .....	page 04
We are here for you .....	page 05
Safety certificates .....	page 06 - 07
The group in Europe .....	page 08 - 09
DemoVan .....	page 10 - 11
Academy .....	page 12 - 13
Digital Tools .....	page 14 - 15

## Manual chain hoists

LX lever hoist .....	page 18 - 19
LB lever Hoist .....	page 20 - 21
LB-SL lever Hoist .....	page 22 - 23
CX hand chain block .....	page 24 - 25
CB hand chain block .....	page 26 - 27
CB Mining / Offshore hand chain block .....	page 28 - 29
CB High Speed hand chain block .....	page 30 - 31
SHB short headroom block .....	page 32 - 33
TK beam clamp .....	page 34 - 35

## Electric chain hoists

ED electric chain hoist .....	page 38 - 39
EDC electric chain hoist with cylinder control .....	page 40 - 41
EQ & EQS electric chain hoist .....	page 42 - 49
ER2 electric chain hoist .....	page 50 - 53
ER2 Limit Lock electric chain hoist .....	page 54 - 55
ER2 Stepless Speed electric chain hoist .....	page 56 - 57
ER2 Second Step Variable .....	page 58 - 59
CDER2 electric chain hoist with cylinder control .....	page 60 - 61
SHER2M electric chain hoist short headroom .....	page 62 - 65
TWER2M Twin Hook electric chain hoist .....	page 66 - 69

## Wire Rope Hoists

RX Wire Rope Hoist .....	page 72 - 77
--------------------------	--------------

## Trolleys

TSG geared trolley .....	page 80 - 81
TSP plain trolley .....	page 82 - 83
MR2 motor trolley .....	page 84 - 85

## Industry solutions

Overhead power line construction .....	page 88 - 89
Food / Beverages / Pharma .....	page 90 - 93
Special solutions for manual chain hoists .....	page 94 - 95
Special solutions for electric chain hoists .....	page 96 - 97

## Our added value

User .....	page 98
References .....	page 99



# KITO: an established brand

As a Japanese high-tech manufacturer, KITO stands for innovation, precision and trust. With more than 85 years of experience in the manufacture of hoists and cranes, there is a good reason why the company is a world leader in quality. Our products move millions of tonnes of heavy loads daily in industries such as automotive, metallurgy, pharmaceuticals and power generation. The team behind this power is made up of over 2,800 employees worldwide.

To intensify its activities on the European market, the company founded Kito Europe GmbH in 2006, with its headquarters in Düsseldorf. KITO EUROPE develops tailored solutions for all aspects of load acceptance and material flow, distributing premium hoists via its robust network of competent and qualified specialist retailers in almost every EU country as well as the CIS.

Its global connection to the international market leader allows KITO EUROPE to benefit from innovations and product optimisations. This in turn means that retailers and customers always have access to the latest developments. KITO EUROPE offers a constantly growing product range with solutions for the entire spectrum of industrial applications, no matter how simple or complex they may be.

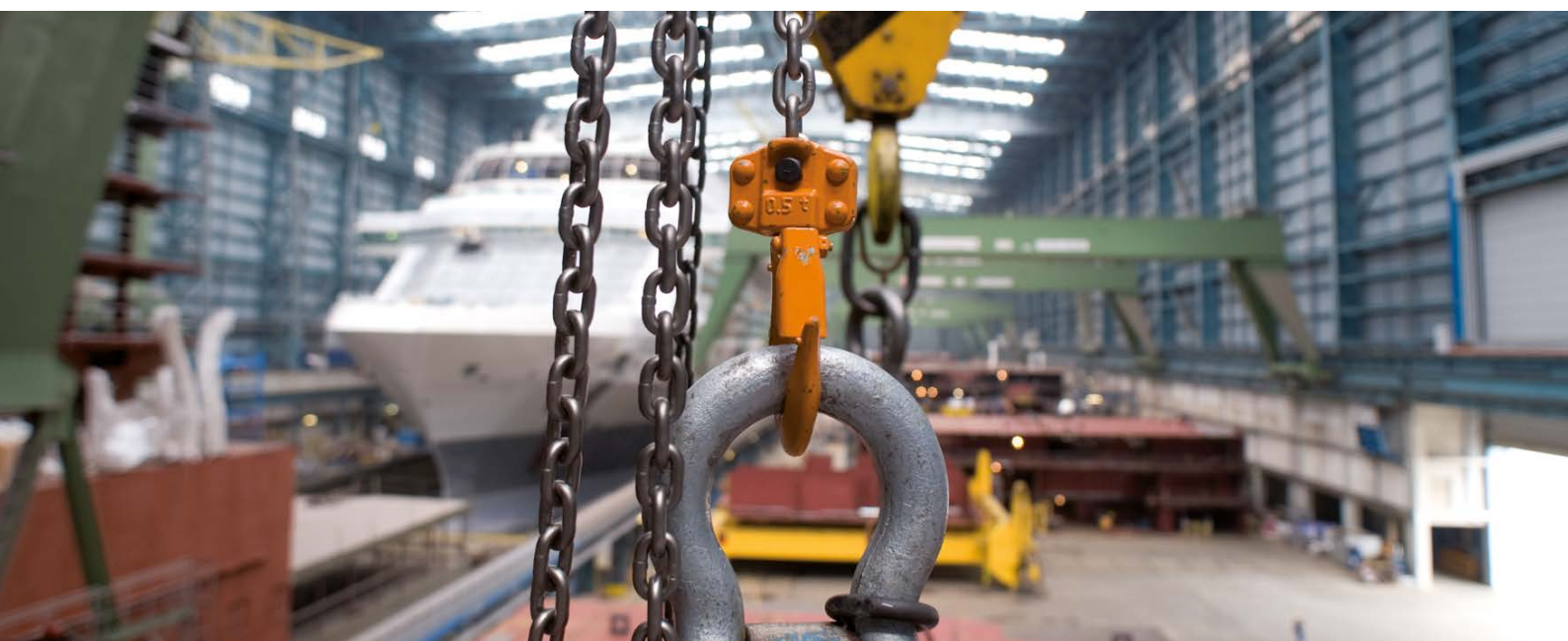
KITO hoists are manufactured with precision and subject to strict quality control, all on the basis of many years of experience. KITO is certified in accordance with ISO 9001 and ISO 14001, and owes its top-class reputation to its stringent quality assurance system.





# We are here for you

Whether you are a crane manufacturer, hoist retailer, crane service provider or system manufacturer: our flexible organisation allows us to directly meet the requirements and needs of our customers.



## Customer Service

Queries,  
orders,  
returns

► [sales@kito.net](mailto:sales@kito.net)

## Sales

Field sales  
Germany /  
Europe

► [sales@kito.net](mailto:sales@kito.net)

## Technical

After-sales service,  
Crane inspection,  
Certificates

► [technic@kito.net](mailto:technic@kito.net)

## KITO Europe GmbH

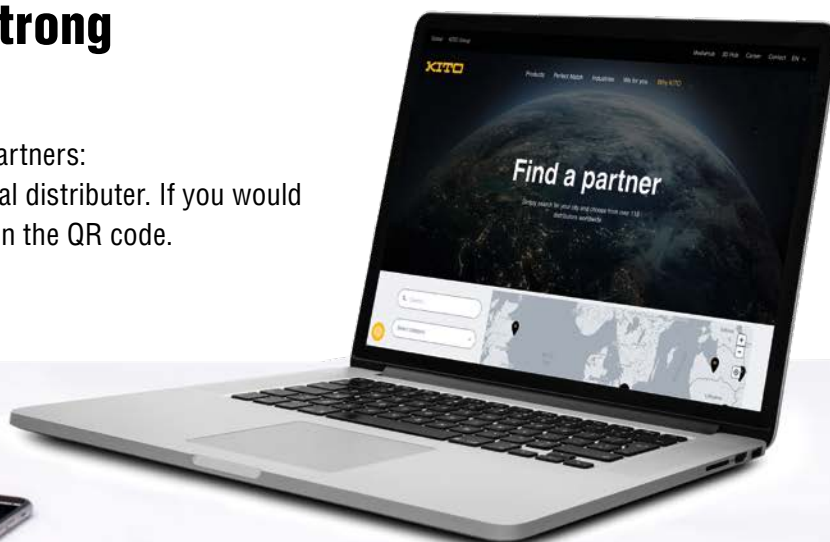
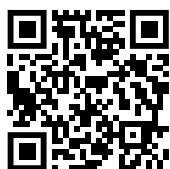
Heerdter Lohweg 93  
40549 Düsseldorf  
Tel.: +49 211 528 009-0

► [info@kito.net](mailto:info@kito.net)

## Do you know about our strong partner network?

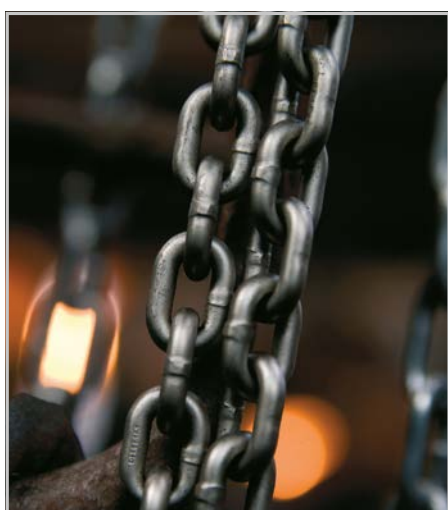
Here you will get an overview about all KITO partners:

**[www.kito.net/en/sales-partner](http://www.kito.net/en/sales-partner)** Find your local distributor. If you would like to use your tablet or smart phone, just scan the QR code.



# Safety certificates

As early as the product planning and manufacturing phases, we ensure the greatest precision. Our modern quality management processes ensure we live up to our responsibility. All KITO products are certified in line with international standards. A range of safety features in conjunction with high product quality, as well as DGUV-GS certification ('safety tested') guarantee users a long service life and a high degree of reliability. If you require certificates for one of our products, we will be happy to provide you with copies (in some cases for a fee).



## Higher corrosion-resistance of the load chain

KITO is the only manufacturer worldwide offering electroless nickel-plated load chains. The advantages of these products are higher corrosion-resistance and lower wear compared to traditional load chains. Further characteristics:

- ▶ Reduced hydrogen embrittlement
- ▶ Nickel-plated load chain grade T, series DAT (G80) as standard for electric chain hoists resp. grade T, series V (G100) as standard for manual chain hoists in accordance with standard EN 818-7
- ▶ Special manufacturing process – strength 800 N/mm<sup>2</sup> resp. 1,000 N/mm<sup>2</sup>



## LB and LB-SL lever hoists

The additional Safety Locking Module SL (Safety-Lock) is activated automatically in the event of failure of the load pressure brake.



## Challenge us!

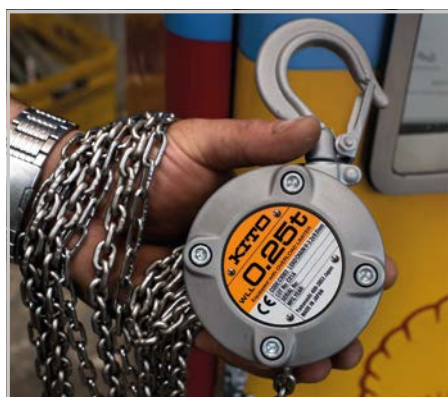
In case of further questions please do not hesitate to contact our technic team: [technic@kito.net](mailto:technic@kito.net)





## LX lever hoist

Compact design and lightweight construction, DGV-GS certificated.



## CX hand chain block

Compact design and lightweight construction, DGV-GS certificated.



## CB hand chain block

Load capacities up to 50,000 kg, DGV-GS certificated.



## Certification

You can find our certificates at: [www.kito.net/en/safety](http://www.kito.net/en/safety) (Scroll-Down to Certificates)  
The downloadable documents are copy-protected and bear a 'SAMPLE' watermark.  
If you require certificates for one of our products, we will be happy to provide you with copies (in some cases for a fee).

# The Group in Europe



## KITO Hoists & Cranes

[www.kito.net](http://www.kito.net)

## weissenfels Lifting Chains & Accessories

[www.kitochainitalia.com](http://www.kitochainitalia.com)

As a Japanese high-tech manufacturer, KITO stands for innovation, precision and trust. With more than 85 years of experience in the manufacture of hoists and cranes, there is a good reason why the company is a world leader in quality.

### Premium electric and manual chain hoists

- ▶ Electroless nickel-plated load chain, extremely low-wear, corrosion-resistant ("H23")
- ▶ Frequency inverter as standard for EQ and ER2 electric chain hoist
- ▶ "Certified Safety (GS)" for manual chain hoists LX, LB, CX and CB

### For all applications

- ▶ Serial designs for the wide industrial area
- ▶ Standards for food industry, wind power and overhead line construction, offshore and mining
- ▶ Customized special solutions

### Best quality standards

- ▶ High production depth in Japan
- ▶ Chains, hooks, chain guide, etc. manufactured by KITO
- ▶ Certified in accordance with ISO 9001 and ISO 14001

Weissenfels is a brand of Kito Chain Italia. The company's structure complies with the EN ISO 9001:2015 standard and has been certified by DNV-GL.

### Lifting chains and technical chains

- ▶ 6 mm to 26 mm Ø, G80 and G100 chains
- ▶ Temperature range from -40° up to 400° C
- ▶ Certified by Berufsgenossenschaft ("H37"), EN ISO 9001:2015, DNV-GL

### Masterlinks and fittings

- ▶ G80 and G100 accessories for chains with 6 mm up to 26 mm Ø
- ▶ Safety factor 4:1
- ▶ Masterlinks diameter from 13 mm to 70 mm

### Offshore components

- ▶ Masterlinks for loads up to 85 t
- ▶ Slings with 1 leg up to five legs
- ▶ Type approved according to DNV 2.7-1 and ISO 10855-2





## **ERIKKILA** **Light Crane Systems & Cranes**

[www.erikkila.com](http://www.erikkila.com)

## **VAN LEUSDEN** **Engineered Lifting Solutions**

[www.vanleusden.com](http://www.vanleusden.com)

ERIKKILA offers a fast and easy crane configuration with advanced PROMILE crane calculation program. Each crane system is specified and manufactured according to customer needs. Superior delivery times for tailored solutions.

### **Optimised steel and aluminium profiles**

- ▶ The best weight carrying capacity ratio
- ▶ Long suspension distances
- ▶ True cost saving elements: suspension parts, support structure and installation time

### **Internal conductor rail**

- ▶ Maximises the crane coverage
- ▶ As standard for selected aluminium and steel profiles
- ▶ Available also for selected jib cranes

### **Innovative conical profile joint**

- ▶ Guides steel profiles together for precise travel surface
- ▶ Ensures smooth trolley movement through the joints at all loads

Van Leusden B.V. is a specialised manufacturer of high-quality engineered hoisting solutions such as custom-made cranes, trolleys and hoists suitable for offshore, marine and chemical industry applications. Our products range consists of manually, electrically or pneumatically driven hoisting solutions with a capacity range from SWL 0.5 t up to 100 t.

### **Custom-made cranes and hoisting solutions**

- ▶ For extreme operational conditions and offshore environment
- ▶ Certified by certification institutes DNV-GL, BV, Lloyds and ABS
- ▶ High standards for safety, durability and material traceability

### **Trolley / hoist combination**

- ▶ Special design for narrow spaces and extremely small curved monorails
- ▶ Corrosion-resistant surface treatment
- ▶ Suitable for ATEX zone 2 and 1

### **Special trolleys**

- ▶ Unique 3 bolt design which ensure stability and safe situation
- ▶ Rack and pinion driven trolleys which can operate under inclination
- ▶ Stainless steel trolley

# Der DemoVan

## Test hoists and experience first hand

The KITO DemoVan is equipped with the most important hoists from our product portfolio. From the lever hoist to the manual chain hoist to the electric chain hoist, everything that the industry requires is included. The advantage of this vehicle is that you can see the product features for yourself on site and test all the hoists. Get a direct insight into the technology, handling and advantages of KITO hoists.

- ✓ Bright and friendly showroom thanks to large side windows
- ✓ Inviting appearance due to side entry
- ✓ Wide exhibition front for product demonstration
- ✓ Spacious interior, usable for meetings
- ✓ Ample storage space for information material

**Book the DemoVan now:**

**Learn more at [www.kito.net/en/demovan](http://www.kito.net/en/demovan)**







## → End users

You would like to present KITO hoists to the end customer under professional test conditions?  
Then use our DemoVan for this purpose.

- ✓ We arrive you and bring all the information with it right away
- ✓ Conviction through the demonstration effect
- ✓ No time-consuming preparations necessary
- ✓ Partnership approach with end customers

## The DemoVan is right ...

### → Trade fairs

Whether indoors on the exhibition stand or outdoors in the exhibition hall. The KITO DemoVan is equipped with the most important hoists from our product portfolio. From the lever hoist to the manual chain hoist to the electric chain hoist, everything that the industry requires is included. Test the lifting equipment on site, up close.



... where you need it.



### → Training purposes

Effective training offered by trained staff.

- ✓ Sales support at the end customer
- ✓ Product training for the staff of our specialist dealers
- ✓ Sales training for the sales staff of the specialist retailer

**Book your  
DemoVan Tour now.**

Please get in touch with your KITO person of contact or send your request to:

**[demovan@kito.net](mailto:demovan@kito.net)**

# KITO ACADEMY

## Our contribution to your safety

- ✓ Highest product quality
- ✓ Extensive training programme
- ✓ Perfectly tailored to KITO hoists

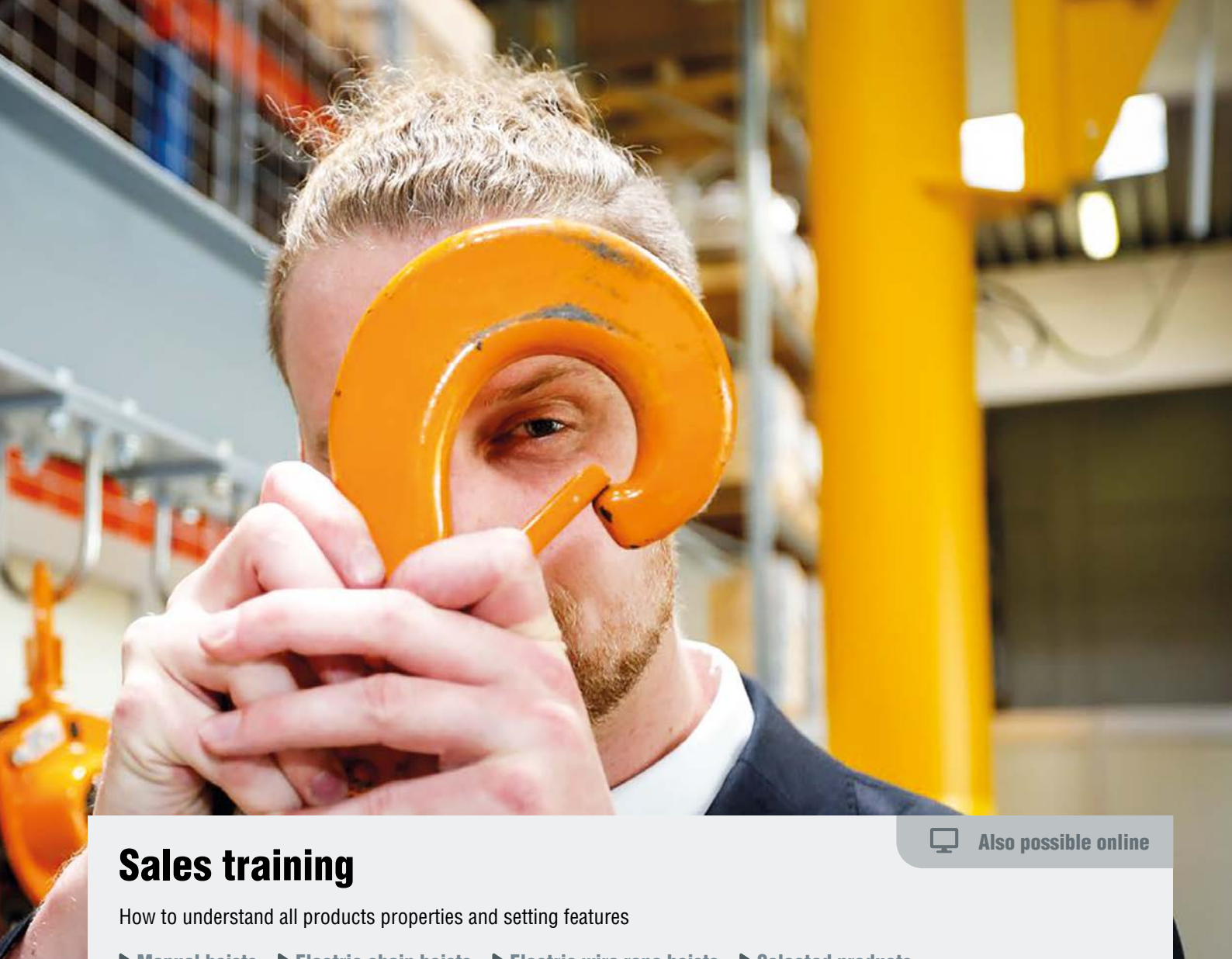
The doors of our KITO ACADEMY are open for you. Get to know the advantages and unique selling points of our products. Find out what quality and safety mean at KITO and why the answer to the question “Which hoists do you use?” should always be “The ones from KITO.”.

- ✓ Get to know the product advantages
- ✓ Refreshing knowledge thanks to structured presentations
- ✓ Case studies to illustrate the theoretical foundations
- ✓ Acquiring certifications
- ✓ Highly qualified trainers combined with modern equipment

Learn more at [www.kito.net/en/academy](http://www.kito.net/en/academy)







## Sales training

How to understand all products properties and setting features

► **Manual hoists** ► **Electric chain hoists** ► **Electric wire rope hoists** ► **Selected products**



Also possible online

## Repair & Maintenance Training

Perform maintenance & repairs

► **Manual hoists** ► **Electric chain hoists** ► **Electric wire rope hoists**

## SOS Safety Orientation Session

The correct commissioning and safe use of manual hoists

► **Manual hoists**

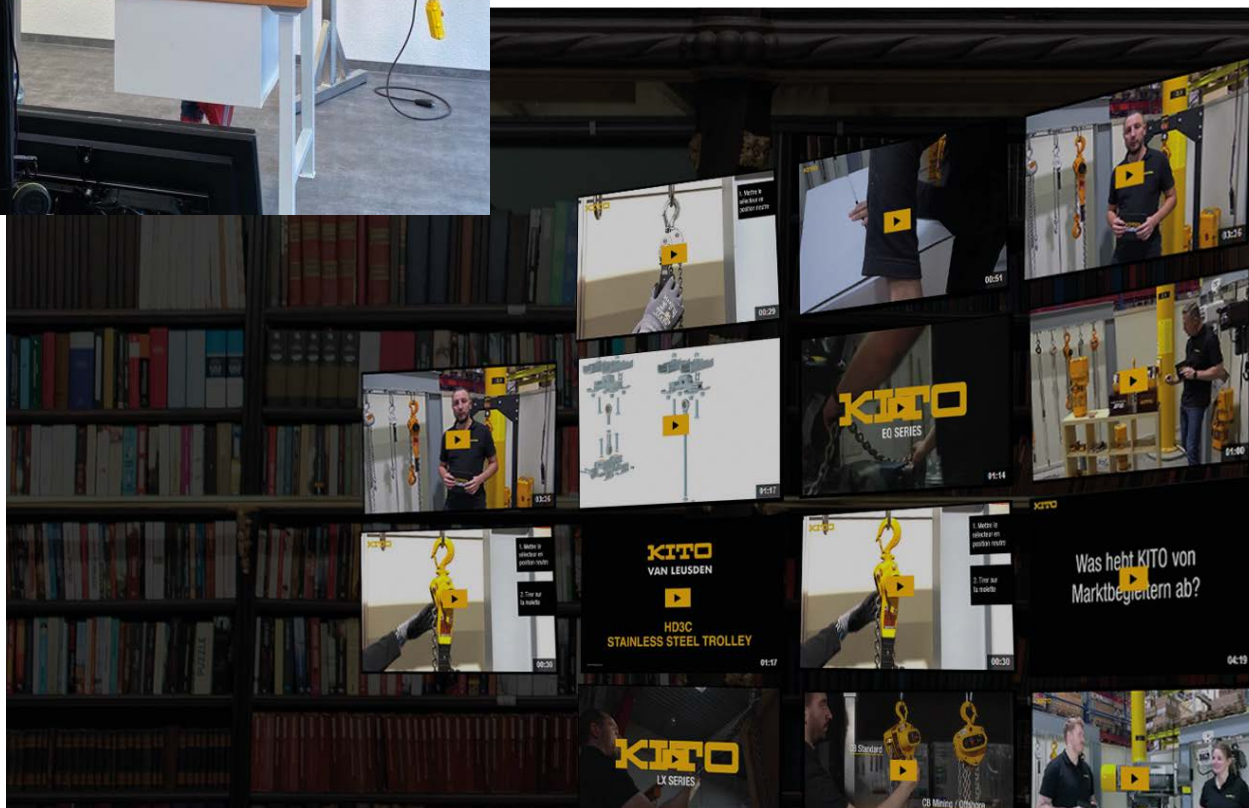
## Book your Training now.

[www.kito.net/en/academy](http://www.kito.net/en/academy)

Feel free to ask about individual training or group training for larger groups:

[academy@kito.net](mailto:academy@kito.net)

# DIGITAL TOOLS



## KITO MediaHub

Everything just one click away

[mediahub.kito.net/en](https://mediahub.kito.net/en)

Scan  
me



In our KITO MediaHub, we continuously present new videos on a wide range of topics. Here you will find product and explanation videos in numerous language versions. Use our filter options to find the right video.

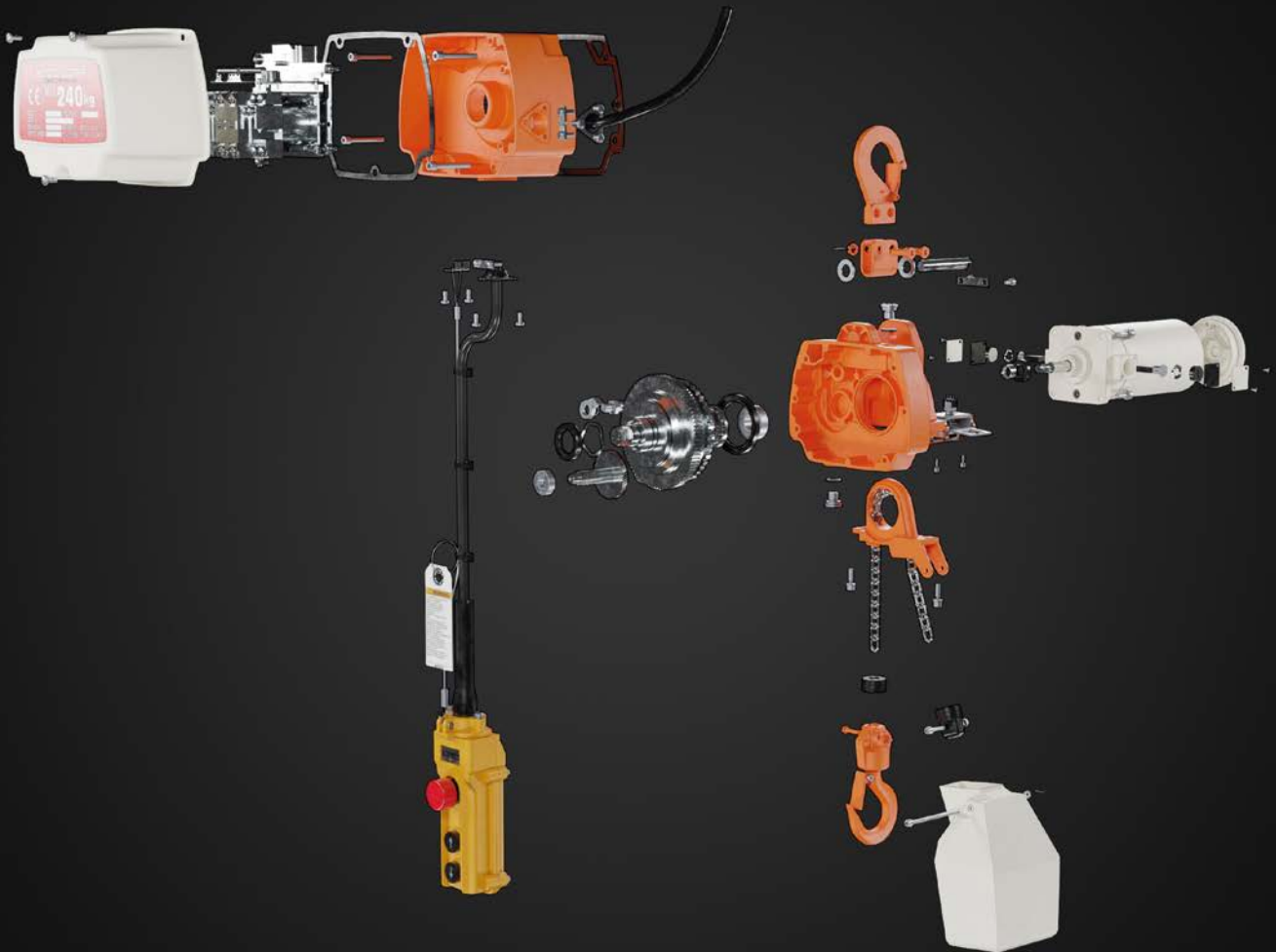
Do you have a special video request?

**Send your request directly to: [marketing@kito.net](mailto:marketing@kito.net)**

Would you like to deepen your product knowledge? We broadcast online events and webinars directly from our studio in Düsseldorf.

**Send your request directly to: [academy@kito.net](mailto:academy@kito.net)**





# KITO 3D Hub

Experience the difference

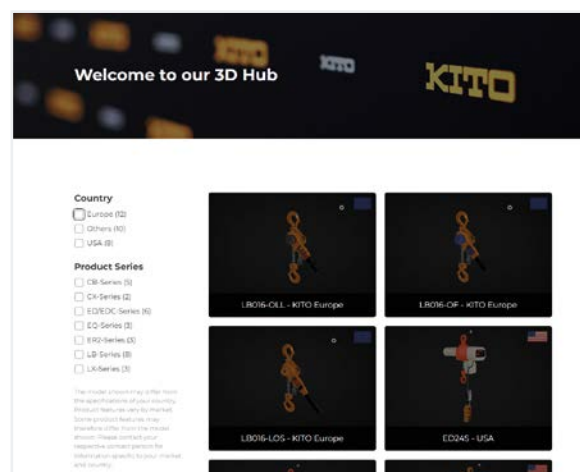
[3d.kito.net](https://3d.kito.net)

Scan  
me



Our KITO 3D Hub gives you a new look at our products. Search for the product you want using our filter function.

The exploded view allows you to see each individual part from all angles. With the help of the sliders, you can easily create a cutaway model yourself.



# Manual chain hoists

## **LX**

p. 18 - 19



## **LB**

p. 20 - 21



## **LB-SL**

p. 22 - 23



## **CX**

p. 24 - 25



## **CB**

p. 26 - 27







## CB Mining / Offshore

p. 28 - 29



## CB High Speed

p. 30 - 31



## SHB

p. 32 - 33



## TK beam clamp

p. 34 - 35





## LX lever hoist

- ▶ Up to 500 kg load capacity
- ▶ Compact and lightweight construction
- ▶ Freewheel function
- ▶ Nickel-plated load chain grade T, series V (G100) in accordance with standard EN 818-7



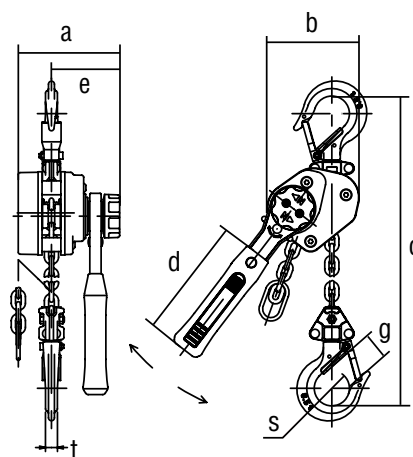
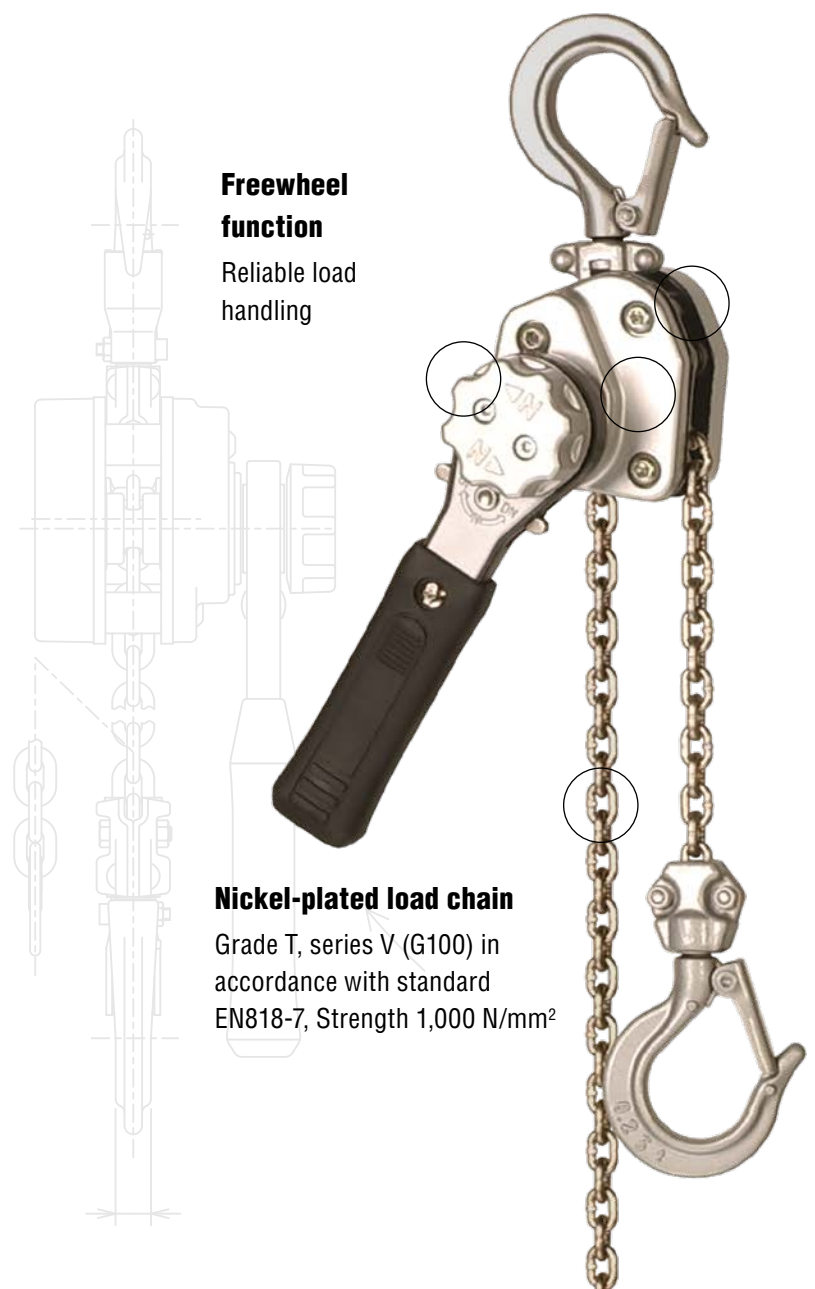
**LX003**



**LX005**



## For use in confined spaces



## Technical data

Type	Load capacity	Standard lifting height	Lever pressure, full load	Load chain diameter	Chain falls	Weight	Weight for additional 1 m lift	Dimensions in mm							
	kg	m	daN	mm		kg	kg	a	b	c	d	e	g	s	t
LX003	250	1.5 bzw. 3.0	20	3.2 x 9.0	1	1.7 bzw. 2.0	0.2	90.5	73.5	205.0	150.0	62.0	21.0	32.0	11.0
LX005	500	1.5 bzw. 3.0	31	4.3 x 12.0	1	2.7 bzw. 3.3	0.4	102.0	93.0	246.0	180.0	68.0	24.5	35.5	12.0



## LB lever hoist

- ▶ Up to 9,000 kg load capacity
- ▶ Unique freewheel function
- ▶ Fine-toothed precision gearing to reduce required force
- ▶ More robust and ergonomic lever
- ▶ High-performance mechanical brake
- ▶ Nickel-plated load chain grade T, series V (G100) in accordance with standard EN 818-7

### Options

- ▶ Safety Lock (SL)
- ▶ Overload limiter (OLL)
- ▶ Without freewheel function (OF)
- ▶ Overload signal (LOS)
- ▶ Shipyard hook set (top and bottom hook)
- ▶ Chain lock



**LB OLL**

with overload limiter

**LB OF**

without freewheel function



### Guided hook latch

### Robust sheet steel housing

Reliable load handling

### Nickel-plated load chain

Grade T, series V (G100)  
in accordance with standard EN818-7,  
Strength 1,000 N/mm<sup>2</sup>

### Hook block quadruple riveted

Increased safety



### Shipyard hook

For special applications e.g. shipbuilding  
and sheet metal forming

### KITO original freewheel function

Protection against unintentional  
freewheeling under load

### Overload signal LOS

Visual signal in case of overload

LB016



### KITO clip as option

To be used for pulling  
horizontal loads only

## Technical data

Type	Load capacity	Standard lifting height*	Lever pressure, full load	Load chain diameter	Chain falls	Weight	Headroom C	Weight for additional 1 m lift
	kg	m	daN	mm		kg	mm	kg
LB008	800	1.5	28.4	5.6 x 15.7	1	5.7	280	0.7
LB010	1,000	1.5	35.3	5.6 x 15.7	1	5.9	300	0.7
LB016	1,600	1.5	33.3	7.1 x 19.9	1	8.0	335	1.1
LB025	2,500	1.5	36.3	8.8 x 24.6	1	11.2	375	1.7
LB032	3,200	1.5	36.3	10.0 x 28.0	1	15.0	395	2.3
LB063	6,300	1.5	37.2	10.0 x 28.0	2	26.0	540	4.7
LB090	9,000	1.5	38.2	10.0 x 28.0	3	40.0	680	7.0

\*Further standard lifting heights: 3.0 m and 6.0 m



## LB-SL lever hoist

- ▶ Up to 9,000 kg load capacity
- ▶ Complies with EN 13157
- ▶ High-performance load pressure brake with special pressure spring for maximum braking force
- ▶ Additional Safety Locking Module
- ▶ KITO original freewheel function: Protection against unintentional freewheeling under load and 2-step activation
- ▶ Nickel-plated load chain grade T, series V (G100), Breaking strength 1,000 N/mm<sup>2</sup>
- ▶ High strength, low wear and higher corrosion resistance
- ▶ SL Modification Kit available: Existing LB series lever hoists can be modified\* with the SL Modification Kit (LB016/032/063/090)

\*The modification from LB to LB-SL is only possible through KITO certified distributors.



**LB-SL**

with Safety-Lock

### Options

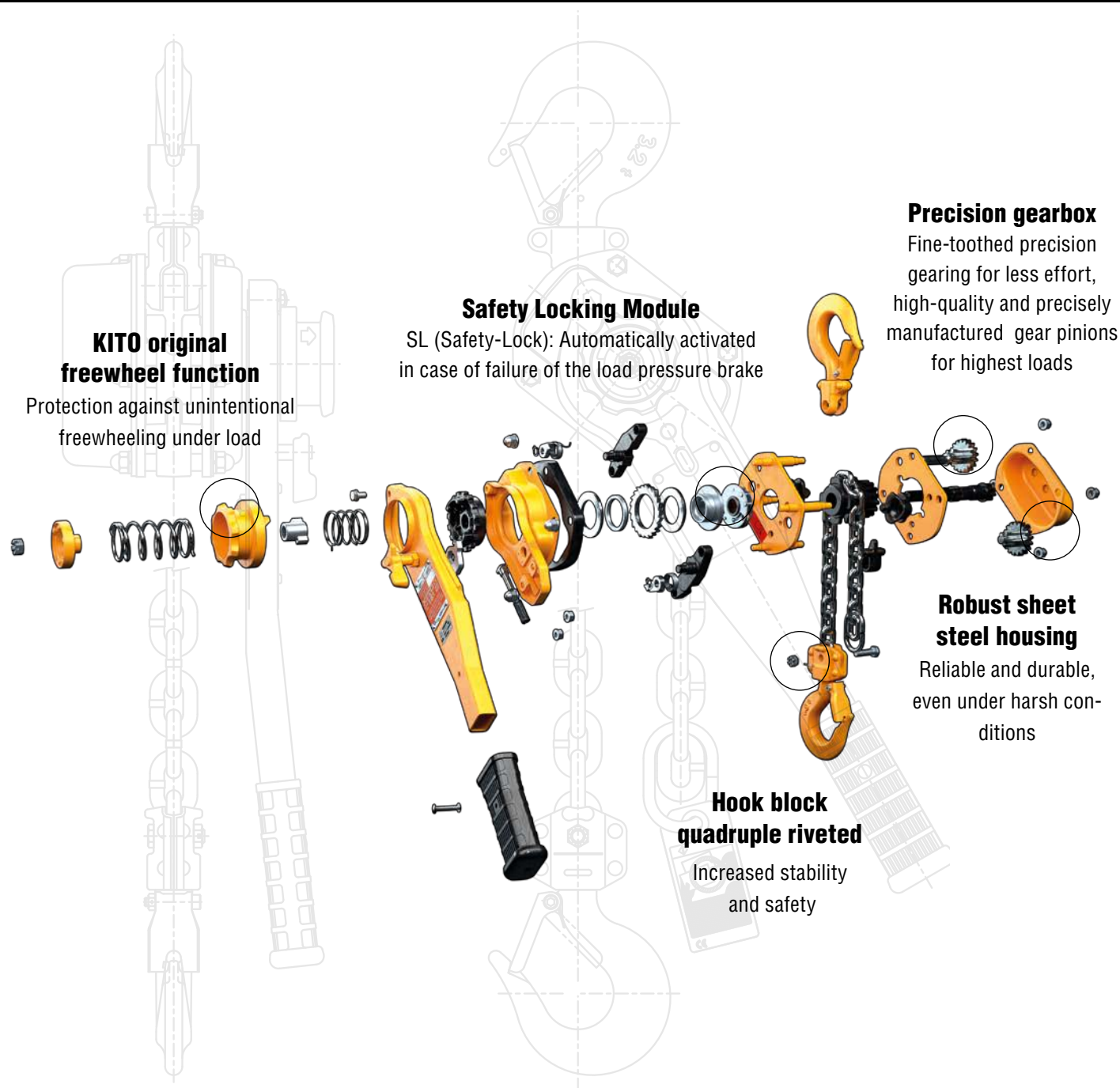
- ▶ Chain lock



### Additional Safety Locking Module

The additional Safety Locking Module SL (Safety-Lock): Activated automatically in the event of failure of the load pressure brake.



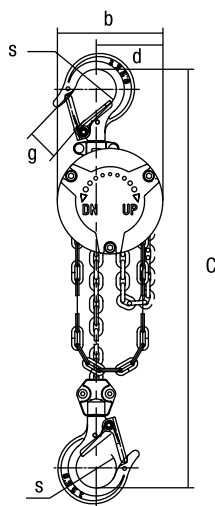
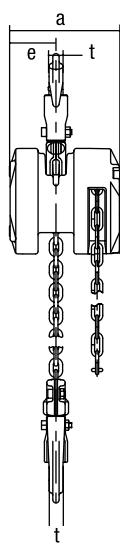


## Technical data

Type	Load capacity	Lifting Height	Lever pressure, full load	Load chain diameter	Chainfalls	Weight	Headroom C	Weight for additional 1 m lift
	kg	m	daN	mm		kg	mm	kg
LB-SL	1,600	1.5	33.3	7.1 x 19.9	1	8.5	335	1.1
LB-SL	1,600	3.0	33.3	7.1 x 19.9	1			
LB-SL	3,200	1.5	36.3	10.0 x 28.0	1	15.6	395	2.3
LB-SL	3,200	3.0	36.3	10.0 x 28.0	1			
LB-SL	6,300	1.5	37.2	10.0 x 28.0	2	26.6	540	4.7
LB-SL	6,300	3.0	37.2	10.0 x 28.0	2			
LB-SL	9,000	1.5	38.2	10.0 x 28.0	3	40.6	680	7.0
LB-SL	9,000	3.0	38.2	10.0 x 28.0	3			

# CX hand chain block with aluminium body

- ▶ Up to 1,000 kg load capacity
- ▶ Extremely lightweight
- ▶ High-quality aluminium housing
- ▶ Overload limiter as standard
- ▶ Nickel-plated load chain grade T, series V (G100) in accordance with standard EN 818-7


**CX003**

**CX005**

**CX010**

## Technical data

Type	Load capacity	Standard lifting height	Hand chain length, folded	Hand force, full load	Pulled chain for 1 m lift	Load chain diameter	Chain falls	Weight	Weight for additional 1 m lift	Dimensions in mm							
	kg	m	m	daN	m	mm		kg	kg	a	b	c	d	e	g	s	t
CX003	250	3.0	2.5	14.7	33.8	3.2 x 9.0	1	2.4	0.4	88	84	217	53	37	21	32	11
CX005	500	3.0	2.5	18.7	42.8	4.3 x 12.1	1	4.5	0.9	101	102	260	66	44	24.5	35.5	12
CX010	1,000	3.0	3.0	19.3	85.6	4.3 x 12.0	2	7.3	1.8	103	122	360	87	44	29	42.5	15



# Compact & extremely powerful.

Discover the unique features of the CX range!

**Compact design without protruding bolts**

**Equipped with overload limiter**

**Twist checker as standard CX010**

Enables a quick and easy check if the chain is twisted.

**Corrosion-resistant hand chain**

**Hook with large internal diameter**

Top and load hook

**Guided hook latch**

Top and load hook



# CB hand chain block

- ▶ Up to 50,000 kg load capacity
- ▶ Shock-resistant double gear casing
- ▶ Robust mechanical brake for increased safety
- ▶ Maintenance-free bearings
- ▶ Forged load hook with wide opening
- ▶ Nickel-plated load chain grade T, series V (G100) in accordance with standard EN 818-7

## Options

- ▶ TSG geared trolley (page 80 – 81)
- ▶ TSP plain trolley (page 82 – 83)
- ▶ Overload limiter (OLL)
- ▶ Various chain container sizes
- ▶ Stainless steel chain and hook for certain sizes



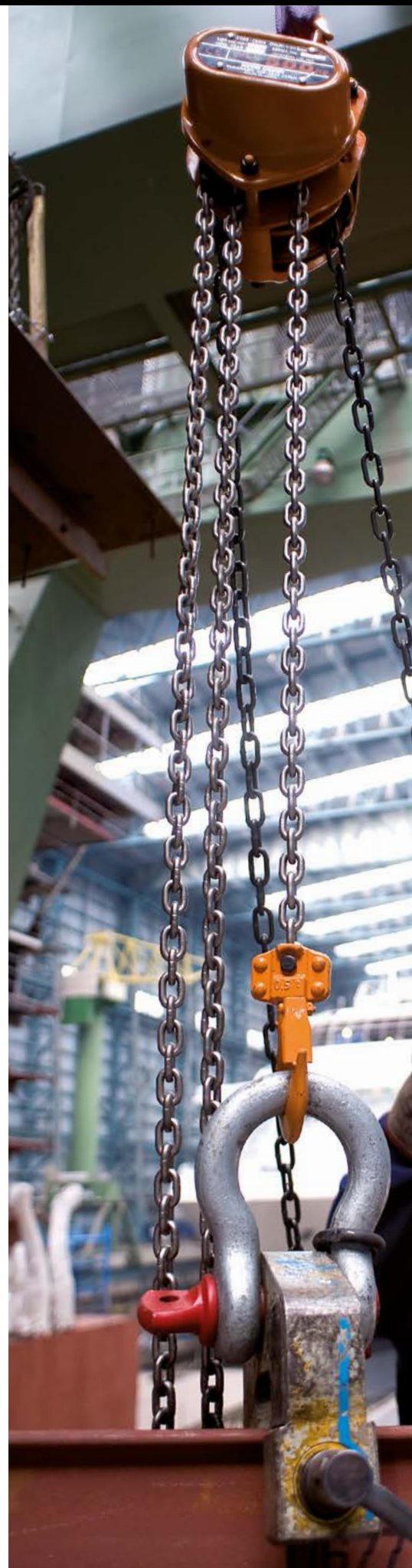
CB010

CB075

## Technical data

Type	Load capacity	Standard lifting height*	Hand force, full load	Pulled chain for 1 m lift	Load chain diameter	Chain falls	Weight	Weight for additional 1 m lift
	kg	m	daN	m	mm		kg	kg
CB005	500	3.0	23.5	25	5.0 x 15.1	1	11.0	1.5
CB010	1,000	3.0	28.4	43	6.3 x 19.1	1	12.5	1.8
CB015	1,500	3.0	34.3	57	7.1 x 21.2	1	15.5	2.1
CB020	2,000	3.0	35.3	70	8.0 x 24.2	1	20.0	2.3
CB025	2,500	3.0	32.3	99	9.0 x 27.2	1	27.0	2.7
CB030	3,000	3.0	35.3	114	7.1 x 21.2	2	24.0	3.2
CB050	5,000	3.0	33.3	198	9.0 x 27.2	2	41.0	4.4
CB075	7,500	3.5	34.3	297	9.0 x 27.2	3	63.0	6.2
CB100	10,000	3.5	35.3	396	9.0 x 27.2	4	83.0	7.9
CB150	15,000	3.5	36.3	594	9.0 x 27.2	6	155.0	11.4
CB200	20,000	3.5	35.3 x 2	396 x 2	9.0 x 27.2	8	235.0	15.8
CB300	30,000	3.5	42.1 x 2	495 x 2	9.0 x 27.2	10	310.0	19.2
CB400	40,000	3.5	42.1 x 2	693 x 2	9.0 x 27.2	14	480.0	26.2
CB500	50,000	3.5	48.0 x 2	792 x 2	9.0 x 27.2	16	640.0	29.7

\*Further standard lifting heights: 6.0 m e.g. 6.5 m. Further lifting heights on request.







## Durable and safe. Easy to use.

### Hook latch

Robust design

### Braking system

Guarantees increased braking performance and safety beyond the threshold limits

### Load chain guide

Quiet and smooth running

### Nickel-plated load chain

Grade T, series V (G100)  
in accordance with standard EN818-7,  
Strength 1,000 N/mm<sup>2</sup>



### Option: Universal trolleys from TS range

- ▶ TSG geared trolley (page 80 – 81)
- ▶ TSP plain trolley (page 82 – 83)

CB050



# CB Mining / Offshore hand chain block

- ▶ Up to 50,000 kg load capacity
- ▶ Shock-resistant double gear casing
- ▶ Robust mechanical brake for increased safety
- ▶ Sealed, maintenance-free bearings to protect against dust and moisture
- ▶ Two retaining pawls, each with a double-pawl spring system as an additional safety feature
- ▶ Overload limiter (OLL)
- ▶ Forged load hook with wide opening
- ▶ Robust hook latch
- ▶ Cap nuts to ensure optimal protection of screw threads on the housing
- ▶ Nickel-plated load chain grade T, series V (G100) in accordance with standard EN 818-7

## Options

- ▶ Various chain container sizes
- ▶ Stainless steel chains and hooks
- ▶ TSG geared trolley, TSP plain trolley (page 80 – 83)
- ▶ Without overload limiter (OLL), with two retaining pawls



## Dimensions

The explaining drawing regarding the dimensions you will find on page 31 (CB High Speed Hand chain block)



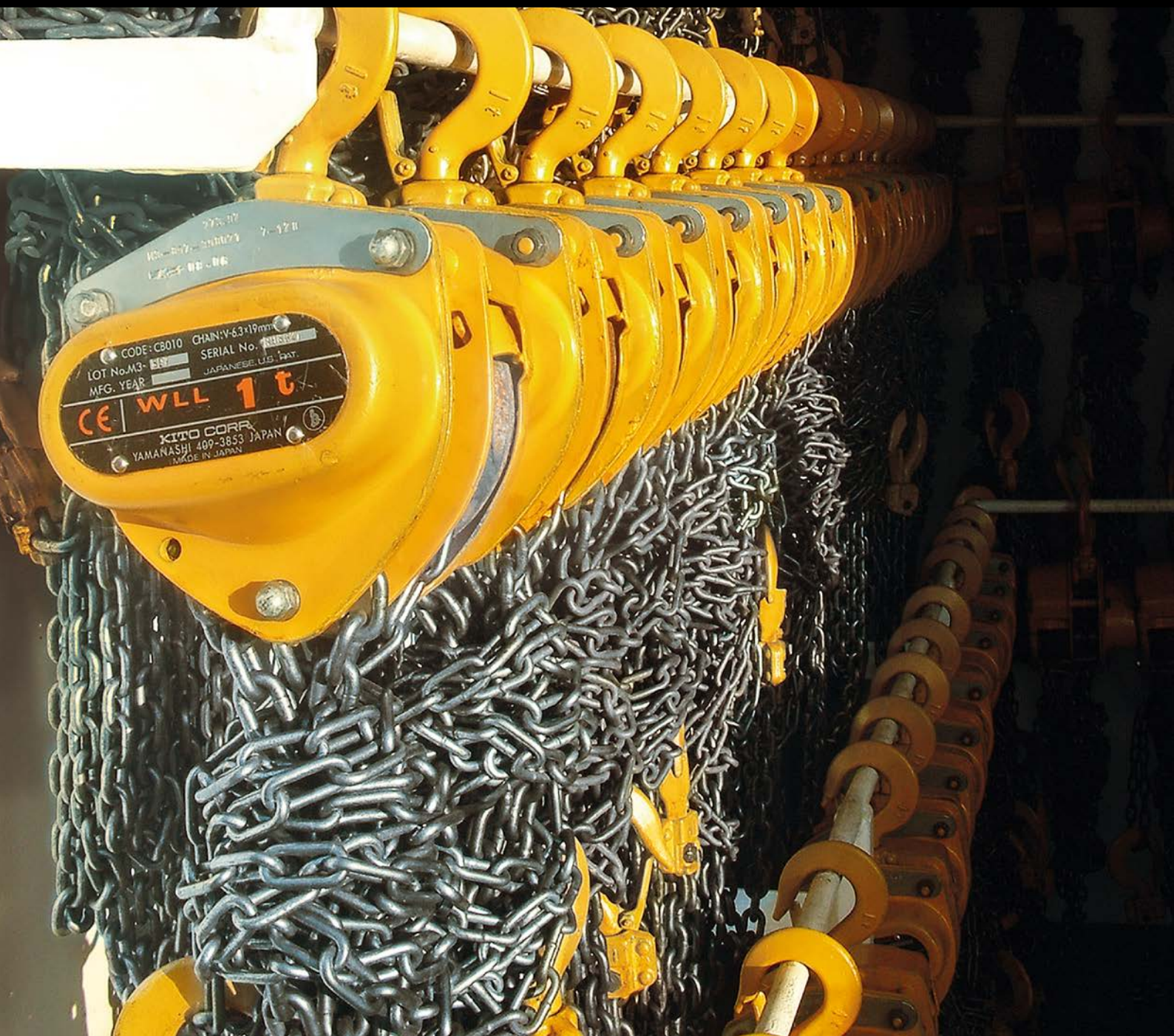
**CB100 MOH**

## Technical data

Type	Load capacity	Standard lifting height*	Hand force, full load	Pulled chain for 1 m lift	Load chain diameter	Chain falls	Weight	Weight for additional 1 m lift
	kg	m	daN	m	mm		kg	kg
CB005	500	3.0	23.5	25	5.0 x 15.1	1	11.0	1.5
CB010	1,000	3.0	28.4	43	6.3 x 19.1	1	12.5	1.8
CB015	1,500	3.0	34.3	57	7.1 x 21.2	1	15.5	2.1
CB020	2,000	3.0	35.3	70	8.0 x 24.2	1	20.0	2.3
CB025	2,500	3.0	32.3	99	9.0 x 27.2	1	27.0	2.7
CB030	3,000	3.0	35.3	114	7.1 x 21.2	2	24.0	3.2
CB050	5,000	3.0	33.3	198	9.0 x 27.2	2	41.0	4.4
CB075	7,500	3.5	34.3	297	9.0 x 27.2	3	63.0	6.2
CB100	10,000	3.5	35.3	396	9.0 x 27.2	4	83.0	7.9
CB150	15,000	3.5	36.3	594	9.0 x 27.2	6	155.0	11.4
CB200	20,000	3.5	35.3 x 2	396 x 2	9.0 x 27.2	8	235.0	15.8
CB300	30,000	3.5	42.1 x 2	495 x 2	9.0 x 27.2	10	310.0	19.2
CB400	40,000	3.5	42.1 x 2	693 x 2	9.0 x 27.2	14	480.0	26.2
CB500	50,000	3.5	48.0 x 2	792 x 2	9.0 x 27.2	16	640.0	29.7

\*Further standard lifting heights: 6.0 m e.g. 6.5 m. Further lifting heights on request.





**Cap nuts**  
To protect the thread



**Two retaining pawls**  
Each with double-pawl spring system for increased safety



**Robust hook latch**  
For increased load-bearing capacity



**Sealed bearings**  
To protect against dust and moisture



# CB High Speed hand chain block

- ▶ Up to 50,000 kg load capacity
- ▶ Nickel-plated load chain grade T, series V (G100) in accordance with standard EN 818-7
- ▶ Shock-resistant double gear casing
- ▶ Planetary gear system enables seven-times-faster lifting when repositioning an unloaded hook (up to 10 % of WLL)
- ▶ Maintenance-free bearings
- ▶ Double-pawl spring system



## Automatic magnetic clutch technology

For reliable switching between normal and high-speed modes

## Speed ratio of 7:1 when repositioning an unloaded hook

Unsurpassed high-speed operation when unloaded. With its specially developed automatic magnetic clutch technology, KITO has managed to achieve a sevenfold increase in lifting speed when repositioning an unloaded hook. A planetary gear system is located behind the brake to ensure total safety. Operating capacities under load correspond to CB standard specifications.





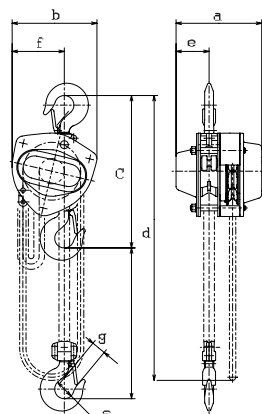
# Increase your productivity and efficiency



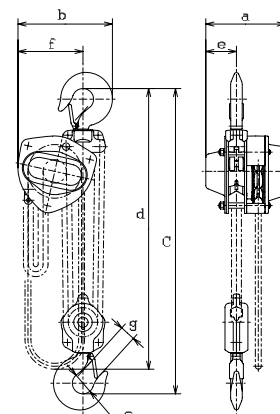
**CB025 TSH**

**CB200 TSH**

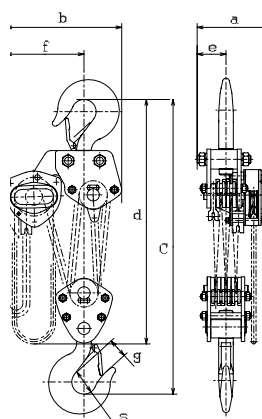
**2,500 kg**



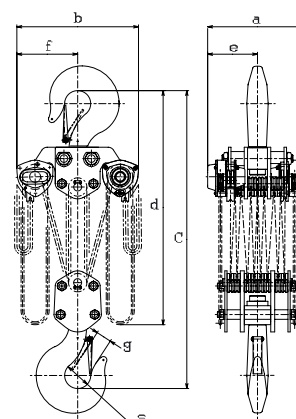
**5,000 kg**



**15,000 kg**



**50,000 kg**



## Technical data

Type	Load capacity	Standard lifting height	Hand chain length, folded	Hand force, full load	Pulled chain for 1 m lift		Load chain diameter	Minimum switching load	Weight	Weight for additional 1 m lift	Head-room C	Dimensions in mm							
					partial load	full load						mm	t	kg	kg		a	b	d
CB025	2,500	3.0	3.0	36.3	14	99	9.0 x 27.2	0.25 <	34	2.7	420	237	233	3,000	91	143	40.0	53	
CB050	5,000	3.0	3.5	37.2	28	198	9.0 x 27.2	0.50 <	48	4.4	600	237	282	3,600	91	194	46.5	63	
CB075	7,500	3.5	4.0	38.2	42	297	9.0 x 27.2	0.70 <	70	6.2	770	237	373	4,200	91	253	72.5	85	
CB100	10,000	3.5	4.0	39.2	56	396	9.0 x 27.2	0.90 <	90	7.9	760	237	438	4,200	111	308	72.5	85	
CB150	15,000	3.5	4.5	41.2	85	594	9.0 x 27.2	1.30 <	162	11.4	1,020	313	492	4,700	119	337	80.0	100	
CB200	20,000	3.5	4.5	39.2 x 2	56 x 2	396 x 2	9.0 x 27.2	1.80 <	249	15.8	1,180	464	746	4,800	232	373	81.0	110	
CB300	30,000	3.5	4.5	47.0 x 2	71 x 2	495 x 2	9.0 x 27.2	2.20 <	324	19.2	1,300	494	746	4,800	247	373	103.0	125	
CB400	40,000	3.5	4.5	48.0 x 2	99 x 2	693 x 2	9.0 x 27.2	2.90 <	ca. 494	26.2	1,480	592	760	4,900	296	380	96.0	145	
CB500	50,000	3.5	4.5	52.9 x 2	113 x 2	792 x 2	9.0 x 27.2	3.20 <	ca. 654	29.7	1,560	634	796	4,900	317	398	100.0	165	

**Extreme short  
headroom**





# SHB short headroom block

- ▶ Up to 10,000 kg load capacity
- ▶ Hand chain block integrated into trolley
- ▶ Extensive range of flange widths
- ▶ Shock-resistant gear casing
- ▶ High-performance mechanical brake
- ▶ Fall protection device and rubber bumpers
- ▶ Nickel-plated load chain grade T, series V (G100) in accordance with standard EN 818-7

## Options

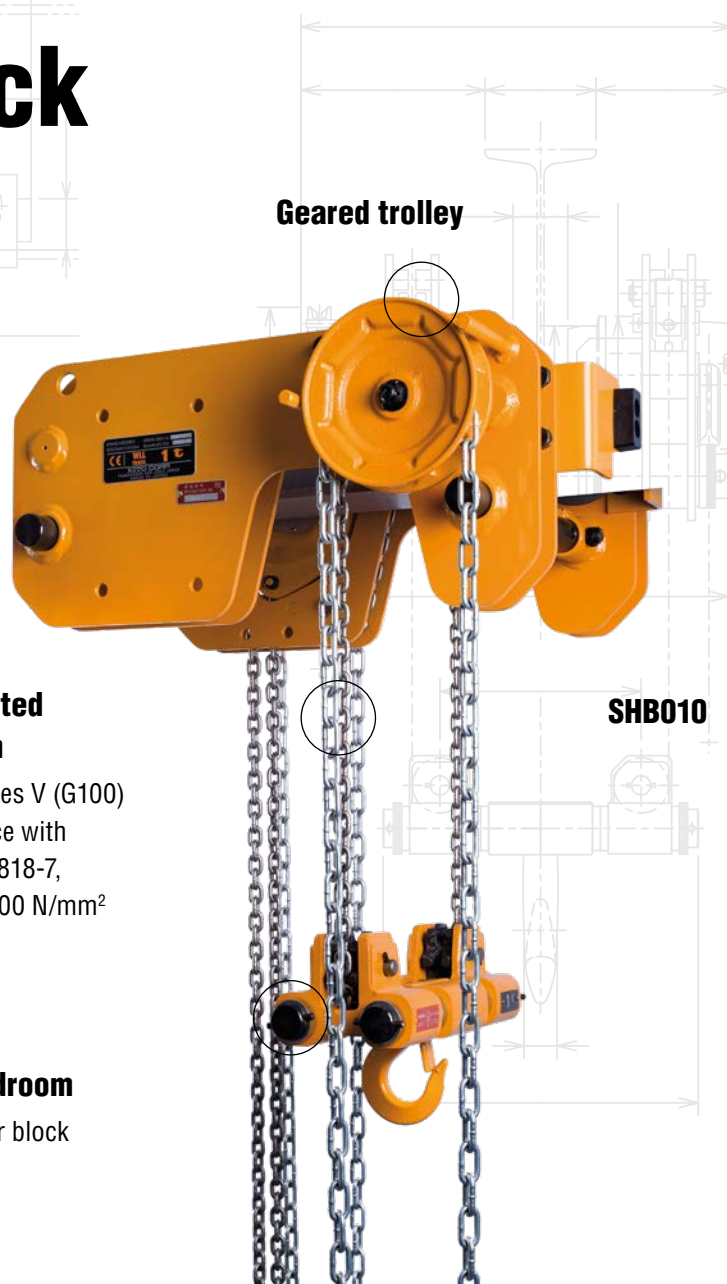
- ▶ Overload limiter (OLL)

## Nickel-plated load chain

Grade T, series V (G100)  
in accordance with  
standard EN818-7,  
Strength 1,000 N/mm<sup>2</sup>

## Short headroom

Built-in lower block



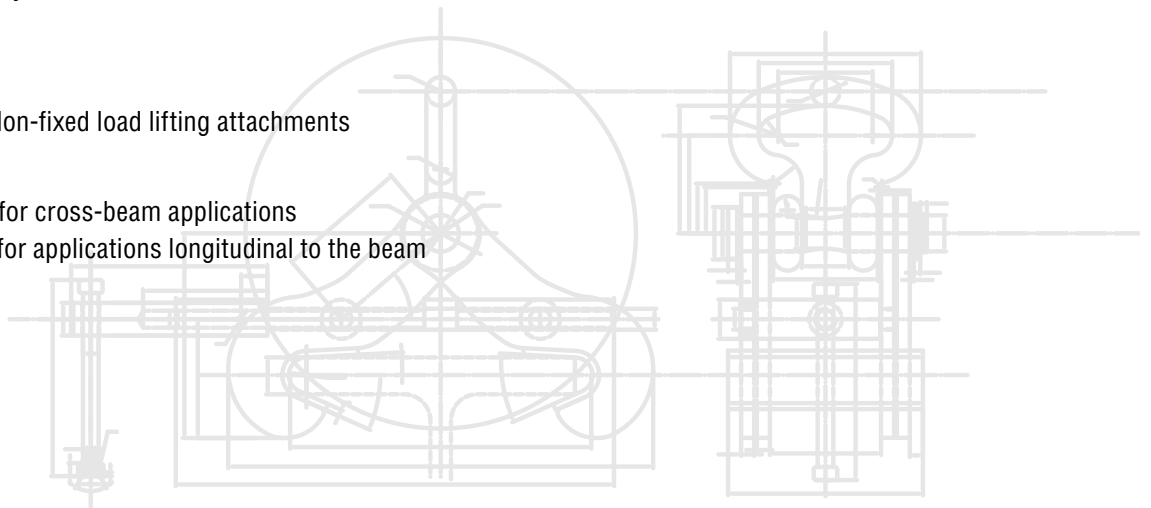
## Technical data

Type	Load capacity	Standard lifting height	Hand chain length, folded	Hand force, full load, chain block	Hand force, full load, trolley	Flange width in mm		Load chain diameter	Chain falls	Weight	Weight for additional 1 m lift	Headroom C
	kg	m	m	daN	daN	Standard	W30	mm		kg	kg	mm
SHB010	1,000	3.0	3.0	31.4	3.2	58-163	164-305	5.0 x 15.1	2	67.0	3.0	115
SHB020	2,000	3.0	3.0	28.4	2.9	82-204	205-305	7.1 x 21.2	2	110.0	4.2	145
SHB030	3,000	3.0	3.0	36.3	3.7	82-204	205-305	8.0 x 24.2	2	160.0	4.6	165
SHB050	5,000	3.0	3.5	44.1	4.5	125-204	205-305	9.0 x 27.2	2	280.0	5.4	195
SHB075	7,500	3.5	4.0	45	3.6	150-220	221-305	9.0 x 27.2	4	366.0	10.8	255
SHB100	10,000	3.5	4.0	47	4.8	150-220	221-305	9.0 x 27.2	4	366.0	10.8	255



# TK beam clamp

- ▶ Up to 10,000 kg load capacity
- ▶ Ergonomic design
- ▶ Shackle as standard
- ▶ In line with DIN EN 13155 Non-fixed load lifting attachments
- ▶ Shackle suitable for:
  - angle pulling up to 45° for cross-beam applications
  - angle pulling up to 15° for applications longitudinal to the beam
- ▶ Bolts – 10 % central taper



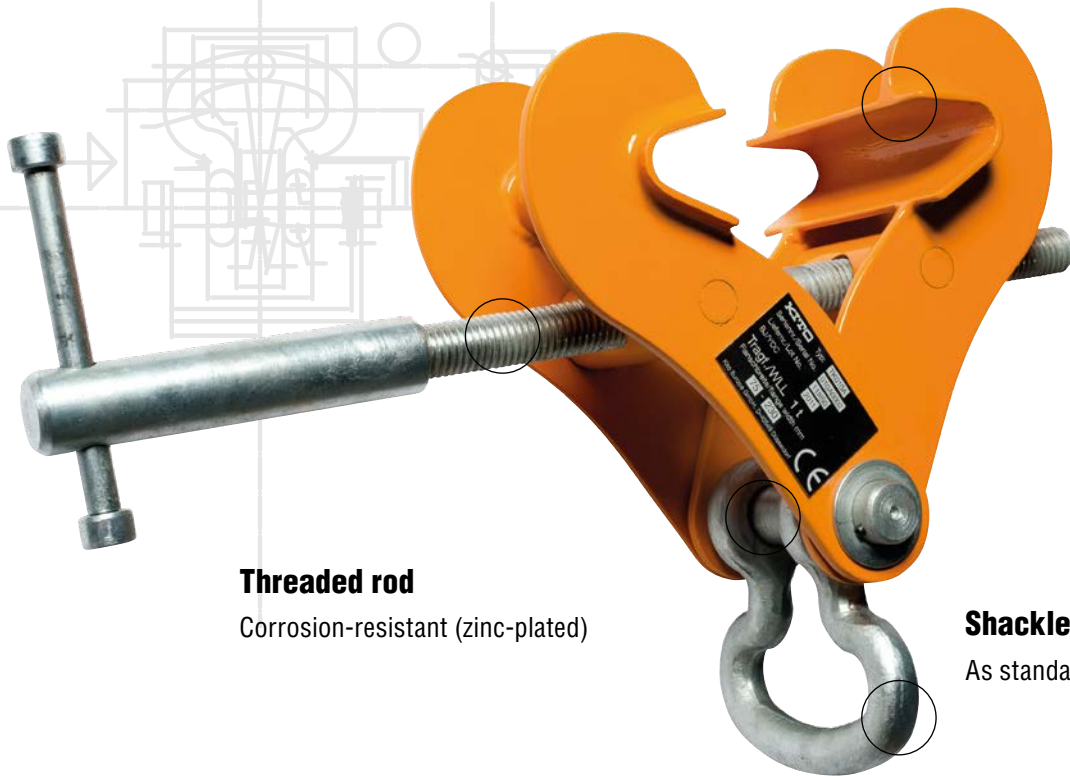


### Tapering of the support bolt

Optimal centring of the hoist

### Large contact areas

For improved load distribution

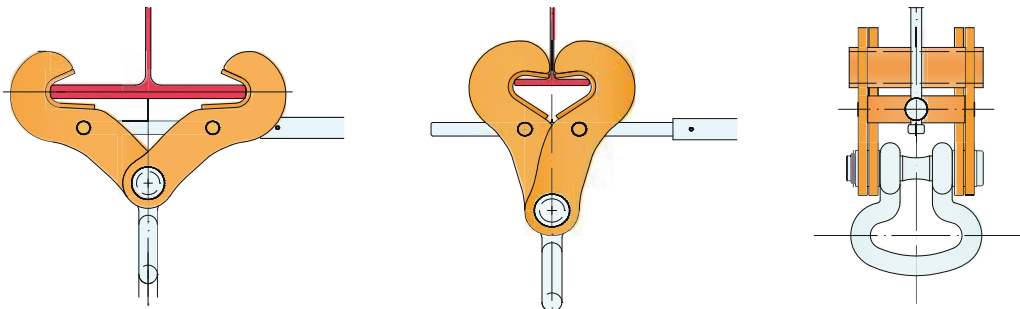


### Threaded rod

Corrosion-resistant (zinc-plated)

### Shackle

As standard



## Technical data

Type	Load capacity	Flange width	Weight	Reduction in working load limits - Angle measured from the vertical - WLL reduction factor in %		Headroom
				longitudinal to the beam 0° - 15°	cross-beam applications 0° - 45°	
	kg	mm	kg			mm
TK010A	1,000	75 - 230	4.0	0	0	207
TK020A	2,000	75 - 230	5.3	0	0	205
TK030A	3,000	75 - 230	9.0	0	0	254
TK030B	3,000	140 - 320	11.0	0	0	284
TK050A	5,000	75 - 230	11.0	0	0	265
TK050B	5,000	140 - 320	13.5	0	0	283
TK075A	7,500	90 - 320	20.0	0	0	328
TK100A	10,000	90 - 320	20.0	0	0	328

Warning! The beam clamps can only be used up to an angle of 15° longitudinal to the beam. Is the angle  $\geq 15^\circ$  the beam clamp may not be used.

For cross-beam applications the beam clamp can be used up to an angle of 45° without reduction to the working load if the beam fulfils the necessary conditions.



# Electric chain hoists

**ED**  
p. 38 - 39



**EDC**  
p. 40 - 41



**EQ & EQS**  
p. 42 - 49



**ER2**  
p. 50 - 53



**ER2 Limit Lock**  
p. 54 - 55



**ER2 Stepless Speed**  
p. 56 - 57







## ER2 Second Step Variable

p. 58 - 59



## CDER2

p. 60 - 61



## SHER2M

p. 62 - 65



## TWER2M

p. 66 - 69





## ED electric chain hoist



- ▶ Up to 480 kg load capacity
- ▶ 230 V / 50 Hz single-phase
- ▶ Hook suspension
- ▶ High-performance mechanical brake with friction clutch
- ▶ Range limit switch for lifting
- ▶ Single or dual lifting speed
- ▶ Weather-tight and corrosion-resistant
- ▶ Aluminium gear casing
- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7

### Options

- ▶ Radio remote control
- ▶ TMH plain trolley
- ▶ Universal trolleys in the TS range
  - TSG geared trolley (page 80 - 81)
  - TSP plain trolley (page 82 - 83)
- ▶ Foam hook protector



As option: TMH mini trolley



ED48



ED16



# Compact, lightweight and reliable. Can be put into operation immediately.

## Load capacities from 60 kg to 480 kg

480 kg capacity in double-chain design, available with conversion set

## High-performance mechanical brake

With friction clutch

## Nickel-plated load chain

Grade T, series DAT (G80)  
in accordance with standard EN818-7,  
Strength 800 N/mm<sup>2</sup>

## High lifting speed, max. 20,1 m/min.

## Lifting height up to 100 m

## Technical data

Type	Load capacity	Chain falls	Rating	FEM classification	Lifting speed	Weight	Headroom C
	kg		% ED		m/min	kg	mm
ED06S	60	1	30	1Am	20.1	11.5	315
ED06ST	60	1	30	1Am	20.1/4.0	12	315
ED10S	100	1	30	1Am	12.5	11.5	315
ED10ST	100	1	30	1Am	12.5/3.0	12	315
ED16S	160	1	30	1Am	19.2	15.5	330
ED16ST	160	1	30	1Am	19.2/4.0	16	330
ED18S	180	1	20	1Am	7.7	11.5	315
ED18ST	180	1	20	1Am	7.7/3.0	12	315
ED24S	240	1	30	1Am	12.9	15.5	330
ED24ST	240	1	30	1Am	12.9/3.0	16	330
ED48S	480	2	30	1Am	6.4	21	520
ED48ST	480	2	30	1Am	6.4/2.0	21	520

Standard lifting height: 3 m for ED

S = Single Speed, ST = Dual Speed



# EDC electric chain hoist with cylinder control

- ▶ Up to 240 kg load capacity
- ▶ 230 V / 50 Hz single-phase
- ▶ Hook suspension
- ▶ High-performance mechanical brake with friction clutch
- ▶ Range limit switch for lifting
- ▶ Weather-tight and corrosion-resistant
- ▶ Aluminium gear casing
- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7

## Options

- ▶ TMH plain trolley
- ▶ Universal trolleys from range
  - TSG geared trolley (page 80 – 81)
  - TSP plain trolley (page 82 – 83)

### High-performance mechanical brake

With friction clutch

### Nickel-plated load chain

Grade T, series DAT (G80)  
in accordance with standard  
EN818-7, Strength 800 N/mm<sup>2</sup>

### Speed adjustment

Using potentiometer in  
push button pendant

### Two lifting speeds as standard

## Technical data

Type	Load capacity	Standard lifting height	Rating	FEM classification	Lifting speed	Weight	Headroom C
	kg	m	% ED		m/min	kg	mm
EDC06SD	60	1.8	30	1Am	20.1/4.0	14.5	945
EDC10SD	100	1.8	30	1Am	12.5/3.0	14.5	945
EDC16SD	160	1.8	30	1Am	19.2/4.0	11.5	960
EDC18SD	180	1.8	20	1Am	7.7/3.0	14.5	945
EDC24SD	240	1.8	30	1Am	12.9/3.0	18.5	960



EDC24

Removable load hook





**EDC load hook**



**Cylinder control**



**Potentiometer**



**As option: TMH mini trolley**



**Compact,  
lightweight  
and reliable.  
Can be put  
into operation  
immediately.**

# EQ & EQS electric chain hoist



## EQ

380 - 440V  
50 - 60 Hz  
3 phases

## EQS

110V oder 220V - 240V  
50 Hz  
single phase



## Frequency inverter as standard

For precise positioning of the load and  
“No-load High-speed” function



## “No-load High-speed” function

1.3 times faster lifting speed when lifting less than 30 % of full load.  
The EQS010IS even lifts due to its design 1.8 times faster  
at a maximum of 30 % of the nominal load



## Unique nickel-plated load chain

Grade T, series DAT (G80) in accordance with standard EN 818-7. Less  
wear and high corrosion resistance

## Safety

- ▶ Frequency inverter controlled electronic overload protection and long-life friction clutch as mechanical overload protection
- ▶ Pull-rotor brake, extremely durable and reliable
- ▶ Operating hours counter / load cycle counter

## Features

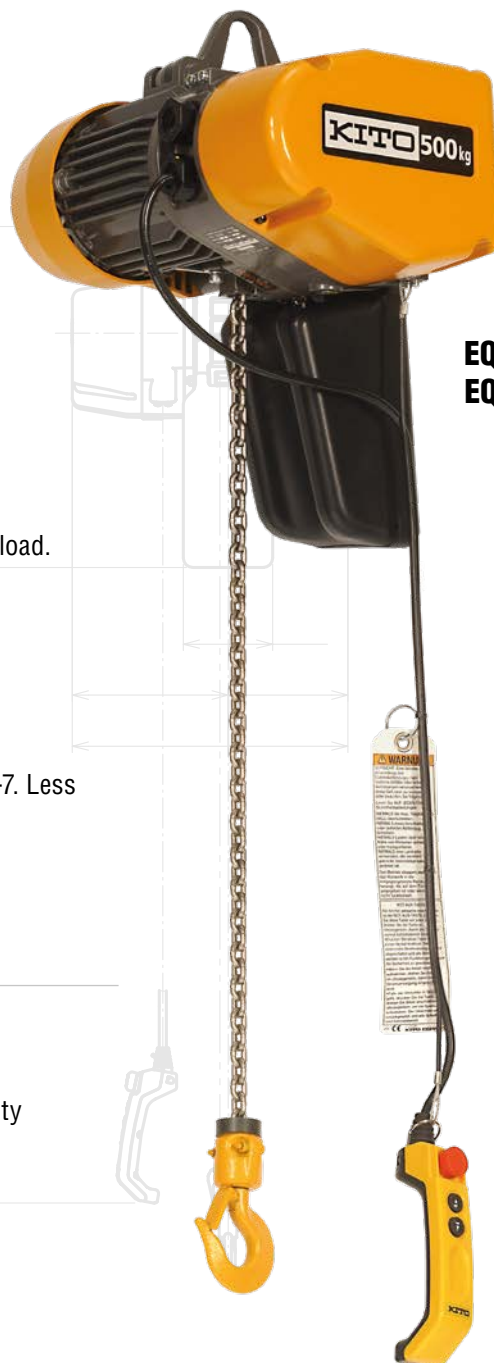
- ▶ 24 V control voltage
- ▶ Operating temperature -20° C up to +40° C, max. 85% humidity
- ▶ Compact aluminium body, sealed (IP55 rated)
- ▶ Eye suspension

## Performance

- ▶ Dual lifting speed
- ▶ Up to 1,000 kg load capacity
- ▶ Maximum lifting height 15 m
- ▶ Upper and lower limit switch

## Options

- ▶ Top hook
- ▶ Radio remote control
- ▶ Safety load hook
- ▶ Plain or motor trolley (EQS only plain trolley)



EQ005 /  
EQS005

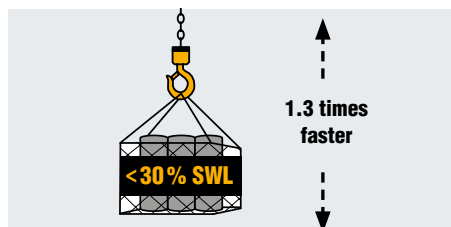
## Radio remote control as option





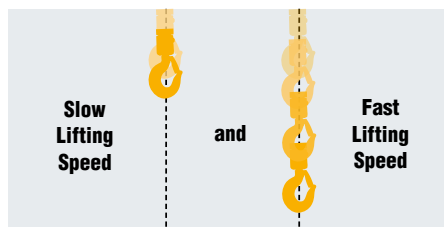
# Benefits

## “No-load High-speed” function



- ▶ 1.3 times faster lifting speed when lifting less than 30% of full load
- ▶ Improves work efficiency

## Dual lifting speed with inverter



- ▶ High and low lifting speed
- ▶ Adjustable speed control
- ▶ Suitable for all work processes

## Unique load chain



- ▶ Less wear
- ▶ Higher corrosion resistance
- ▶ Longer lifetime, less down-times

## Frequency inverter



- ▶ Precise positioning
- ▶ Prevents load swing
- ▶ Increase safety
- ▶ Easy to use

## High FEM classification



- ▶ Up to 500 kg load capacity FEM 3m / ISO M6
- ▶ 1,000 kg load capacity FEM 2m / ISO M5
- ▶ High durability and reliability

## Reliable



- ▶ Sealed die-cast aluminum body, IP55 rated
- ▶ No transformer, no electromagnetic components like contactors, relays, etc.

# Optional suspensions



Top hook



Plain trolley

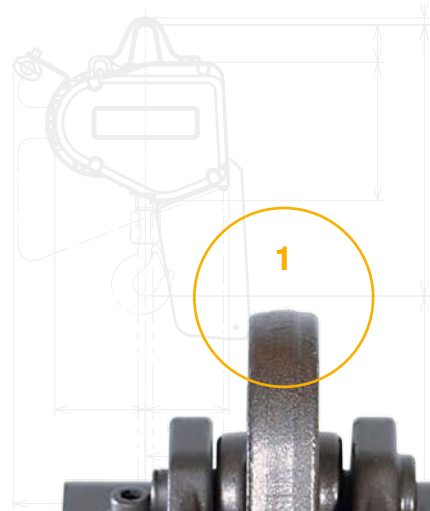


Motor trolley (only EQ)

## EQ & EQS Product description

### 1. Eye suspension

Offers low headroom. Suitable also for enclosed profile trolley applications. Easily changed to optional top hook.



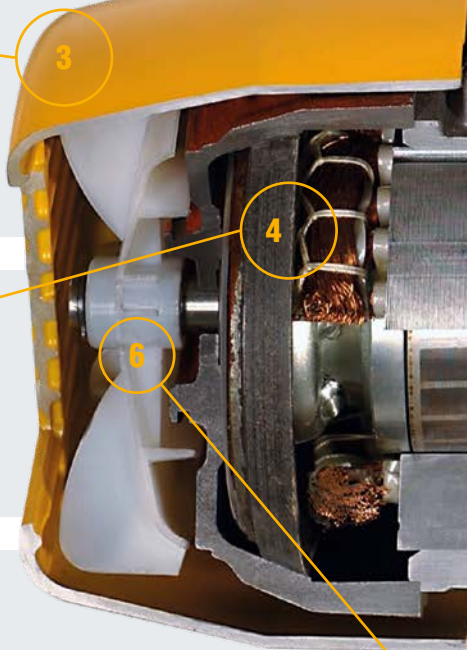
### 2. Load hook

With robust hook latch. Pivots by 360° provided by high quality ball bearings to avoid kinking and twisting of the load chain.



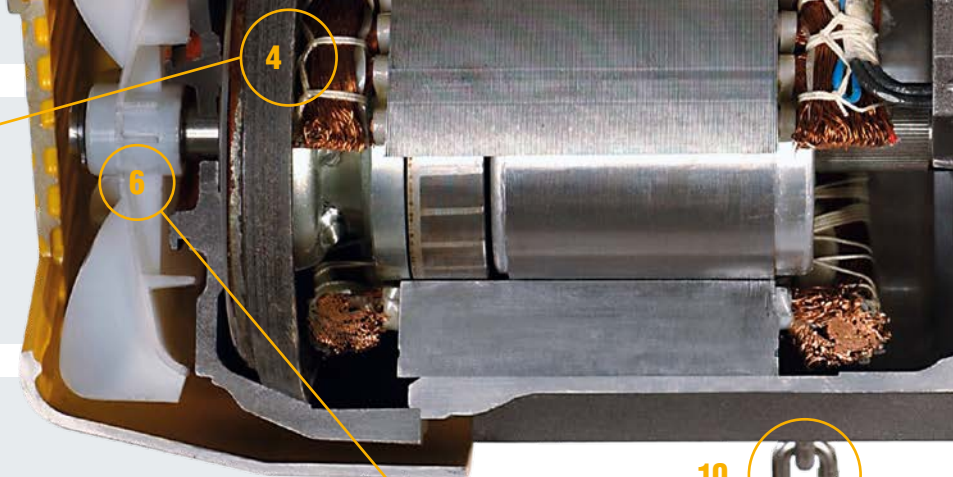
### 3. Compact die-cast aluminium body

Lightweight and completely sealed body, IP 55 rated. Compact design offers a low headroom.



### 4. Advanced pull-rotor brake

Extremely durable and reliable. Contains no brake coil to fail like conventional disc brakes.



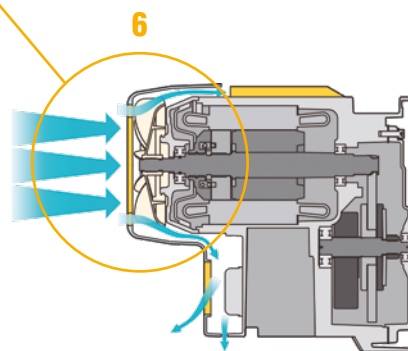
### 5. Push button pendant

Ergonomic design. Easy-to-use in one-handed operation. IP65 rated. With emergency-stop button.

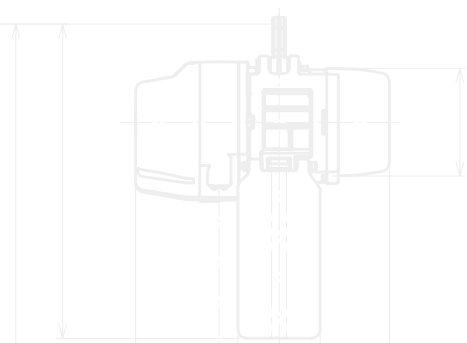


### 6. Fan-cooled motor

Heavy duty motor with external fan, cooling fins and external thermal motor protection. Improved air flow guarantees an optimized hoist duty rating and greatly lengthens brake life.







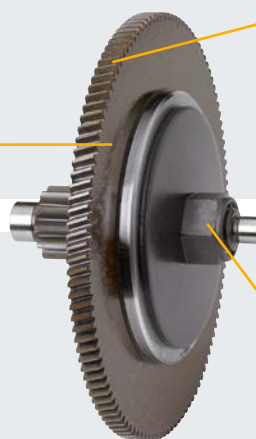
## 7. Frequency inverter

Provides adjustable dual lifting speed, overload protection, "No-load high-speed" function and operating hours counter. Speed ratio is 6:1.



## 8. Helical gears

Precision machined components guarantees quiet and smooth operation.



## 9. Long-life friction clutch

Provides consistent overload protection. Prevents damages of hoist and load.

## 10. Unique Nickel-plated load chain

Grade T, series DAT (G80) in accordance with standard EN818-7, strength 800 N/mm<sup>2</sup>. Less wear and higher corrosion resistance.

## 11. Unique five pocket design

Increased number of pockets reduces chain vibration and increases chain life. Five pockets as standard.



12 + 13



## 12. Chain guide

Provides smooth and quiet guiding of chain. Heavy cast iron construction for improved wear resistance.

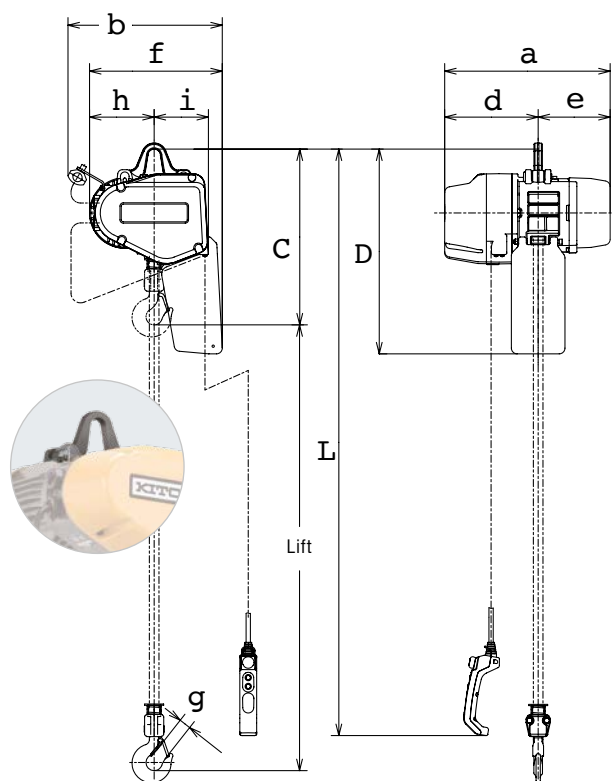
## 13. Upper & lower limit switch

Robust micro switches. Low-profile design for an optimized headroom.

## Suspension eye

EQ

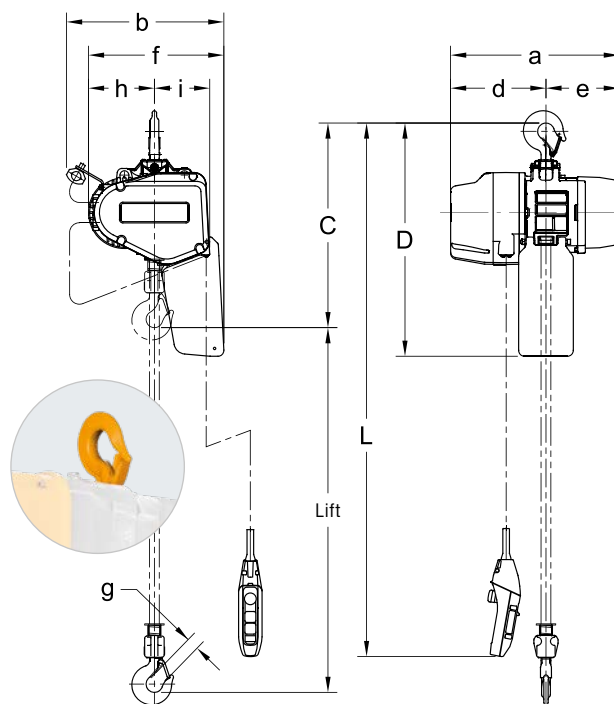
EQS



## Top hook

EQ

EQS



## Dimensions EQ / EQS

Basic	Type	Load capacity kg	Headroom C (mm)				Dimensions (mm)							
			C top hook	C suspension eye	D top hook	D suspension eye	a	b	d	e	f	g	h	i
EQ	EQ001IS	125	440	395	533	485	417	367	230	187	298	27	137	128
EQ	EQ003IS	250	440	395	533	485	417	367	230	187	298	27	137	128
EQ	EQ005IS	500	458	410	533	485	417	367	230	187	298	27	137	128
EQ	EQ010IS	1,000	525	465	598	535	433	403	245	188	332	31	154	142
EQS	EQS005IS	500	458	410	533	485	417	367	230	187	298	27	137	128
EQS	EQS010IS	1,000	525	465	598	535	433	403	245	188	332	31	154	142

## Technical Data EQ / EQS

Basic	Type	Load capacity kg	Body size	Standard lifting height m	Lifting motor		Lifting speed, m / min			Load chain diameter mm	Chain falls	Classification FEM	Weight kg	Headroom C mm
					Output, kW	Rating, % ED	High (light load), 0 - 30%	High, 30 - 100%	Low					
EQ	EQ001IS	125	C	3	0.5	40 / 20	22.0	17.0	2.8	5.6 x 15.7	1	3m	32	395
EQ	EQ003IS	250	C	3	0.5	40 / 20	13.0	10.0	1.7	5.6 x 15.7	1	3m	31	395
EQ	EQ005IS	500	C	3	0.75	40 / 20	9.9	7.6	1.3	5.6 x 15.7	1	3m	32	410
EQ	EQ010IS	1,000	D	3	1.5	40 / 20	9.2	7.1	1.2	7.1 x 19.9	1	2m	42	465
EQS	EQS005IS	500	C	3	0.75	40 / 20	9.9*	7.6*	1.3	5.6 x 15.7	1	3m	33	410
EQS	EQS010IS	1,000	D	3	1.5	40 / 20	9.2**	5.1**	1.2	7.1 x 19.9	1	2m	43	465

\*% of full load, EQS005 speed ratio 6:1.

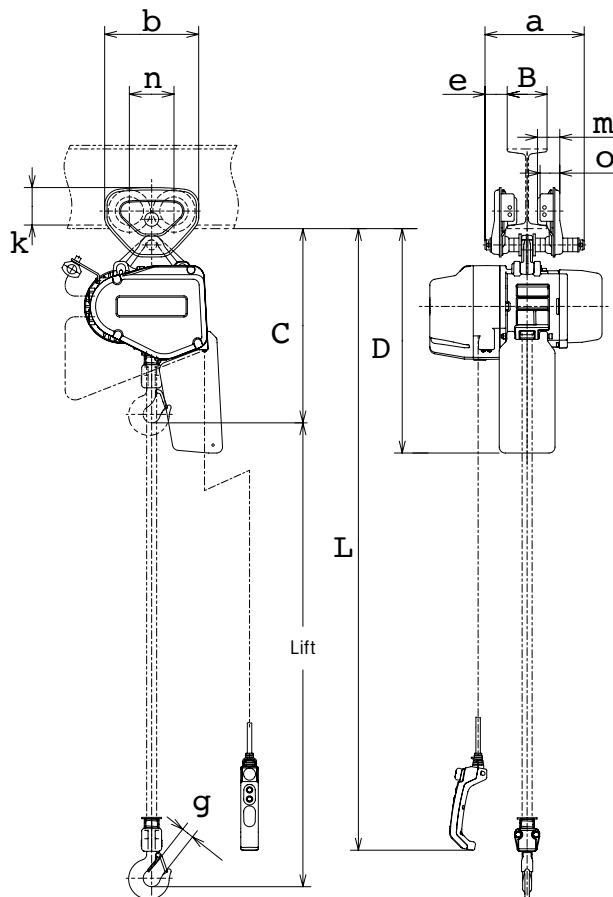
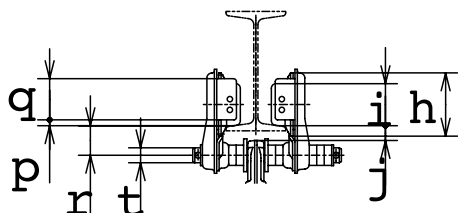
\*\*EQS010 speed ratio 4:1, 1.8 times faster lifting speed when lifting less than 30% of full load.



## Plain trolley

EQ

EQS



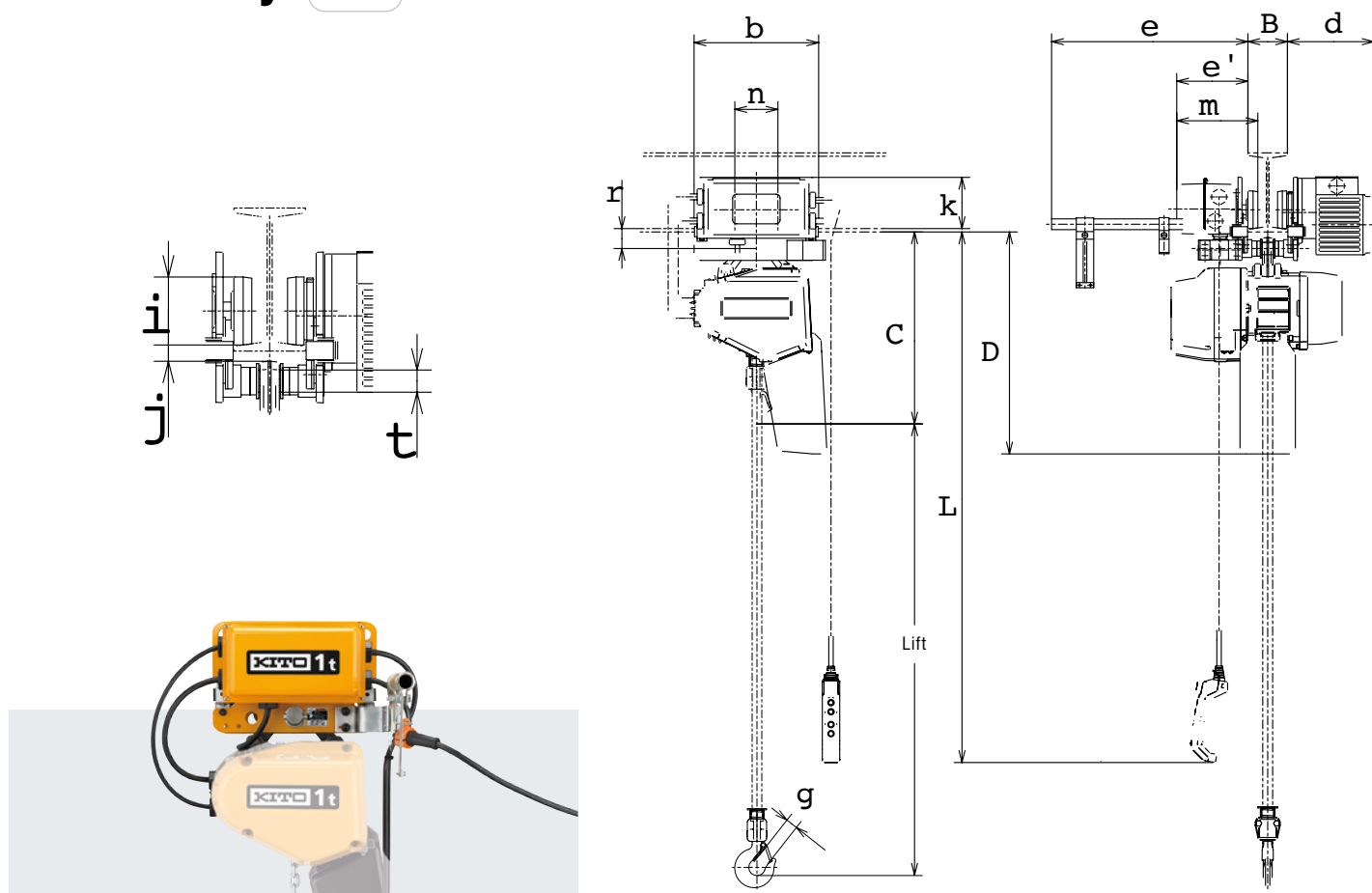
## Dimensions EQ / EQS with plain trolley

Basic	Type	Load capacity kg	Dimensions (mm)																
			C	D	a	b	e	g	h	i	j	k	m	n	o	p	q	r	t
EQ	EQSP001IS	125	415	505	204	182	46	27	82	60	19	76	47.5	84	42	10	54	38	22
EQ	EQSP003IS	250	415	505	204	182	46	27	82	60	19	76	47.5	84	42	10	54	38	22
EQ	EQSP005IS	500	430	505	204	182	46	27	82	60	19	76	47.5	84	42	10	54	38	22
EQ	EQSP010IS	1,000	490	565	249	236	56	31	106	71	25	95	56	112	50	10	69	50	25
EQS	EQSSP005IS	500	430	505	204	182	46	27	82	60	19	76	47.5	84	42	10	54	38	22
EQS	EQSSP010IS	1,000	490	565	249	236	56	31	106	71	25	95	56	112	50	10	69	50	25

## Technical Data EQ / EQS with plain trolley

Basic	Type	Flange width B		Min. curve radius		Headroom C mm
		Standard (mm)	Option W30 (mm)	Standard (mm)	Option W30 (mm)	
EQ	EQSP001IS	50 - 163	164 - 305	1,150	1,200	415
EQ	EQSP003IS	50 - 163	164 - 305	1,150	1,200	415
EQ	EQSP005IS	50 - 163	164 - 305	1,150	1,200	430
EQ	EQSP010IS	58 - 163	164 - 305	1,350	1,400	490
EQS	EQSSP005IS	50 - 163	164 - 305	1,150	1,200	430
EQS	EQSSP010IS	58 - 163	164 - 305	1,350	1,400	490

## Motor trolley EQ



## Dimensions EQ with motor trolley

Basic	Type	Load capacity kg	Dimensions (mm)													
			C	D	b	d	e	e'	g	i	j	k	m	n	r	t
<b>EQ</b>	EQM001IS-IS	125	420	515	315	220	515	179	27	95	27	130	205	109	51	31
<b>EQ</b>	EQM003IS-IS	250	420	515	315	220	515	179	27	95	27	130	205	109	51	31
<b>EQ</b>	EQM005IS-IS	500	440	515	315	220	515	179	27	95	27	130	205	109	51	31
<b>EQ</b>	EQM010IS-IS	1,000	490	565	315	220	515	179	31	95	22	130	205	109	51	31

## Technical data EQ with motor trolley

Basic	Type	Travel motor		*Travel speed (m/min)			Flange width B		Min. curve radius	Headroom C
		Output (kW)	Output (% ED)		50 Hz		Standard mm	Option W30 mm	mm	mm
					High	Low				
<b>EQ</b>	EQM001IS-IS	0.4	27/13	Standard	24	4	58 - 163	164 - 305	800	420
<b>EQ</b>	EQM003IS-IS	0.4	27/13	Standard	24	4	58 - 163	164 - 305	800	420
<b>EQ</b>	EQM005IS-IS	0.4	27/13	Standard	24	4	58 - 163	164 - 305	800	440
<b>EQ</b>	EQM010IS-IS	0.4	27/13	Standard	24	4	58 - 163	164 - 305	800	490

\*Adjustable travel speed: 24 / 2.4



**EQ003IS**  
with Plastic  
chain container





## ER2 electric chain hoist

- ▶ Up to 20,000 kg load capacity
- ▶ 380 - 440 V / 50 Hz
- ▶ 24 V control voltage
- ▶ Single or dual lifting speed
- ▶ Frequency inverter for dual lifting speeds
- ▶ Overload limiter thanks to carbon friction clutch
- ▶ Operating hours counter / load cycle counter
- ▶ Range limit switch for lifting / lowering
- ▶ Thermal motor protection
- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7

### Options

- ▶ Radio remote control
- ▶ Limit lock = programmable limit switch to restrict and define the hook path when lifting and lowering (page 54 – 55)
- ▶ Stepless speed control (page 56 – 57)
- ▶ Plain, geared or motorised trolley (page 80 – 85)
- ▶ Special voltages on request



**ER2SP**



**ER2SG**



**ER2M**



**ER2M 100 S**



**ER2 100 S**



## Durable, safe and user-friendly



### Chain container

In plastic or canvas, depending on lifting height



ER2 003

### Push button pendant

Ergonomic design

### Device suspension

Top hook or connector can be easily assembled and disassembled (except with body F)

### Die-cast aluminium body

With stable structure

### Nickel-plated load chain

Grade T, series DAT (G80) in accordance with standard EN818-7, Strength 800 N/mm<sup>2</sup>

### Load hook

Pivots by 360° to avoid kinking and twisting of the load chain

## Chain container

Type	Load capacity	Plastic chain container	Canvas chain container S	Canvas chain container L
	kg	m	m	m
ER2-001	125	6	8	15
ER2-003	250	6	8	15
ER2-005	500	6	8	15
ER2-010	1,000	6	8	15
ER2-016	1,600	4	12	18
ER2-020	2,000	4	12	18
ER2-025	2,500	–	8	12

Type	Load capacity	Plastic chain container	Canvas chain container S	Canvas chain container L
	kg	m	m	m
ER2-032	3,200	–	6	9
ER2-050	5,000	–	4	6
ER2-075	7,500	–	4	8
ER2-100	10,000 L	–	3	6
ER2-100	10,000 S	–	6	2 x 6
ER2-150	15,000	–	4	2 x 4
ER2-200	20,000	–	3	2 x 3

## Product design and explanation

### 1. Electromagnetic brake

Ensures powerful braking and holds the load securely

### 2. Thermal overload limiter

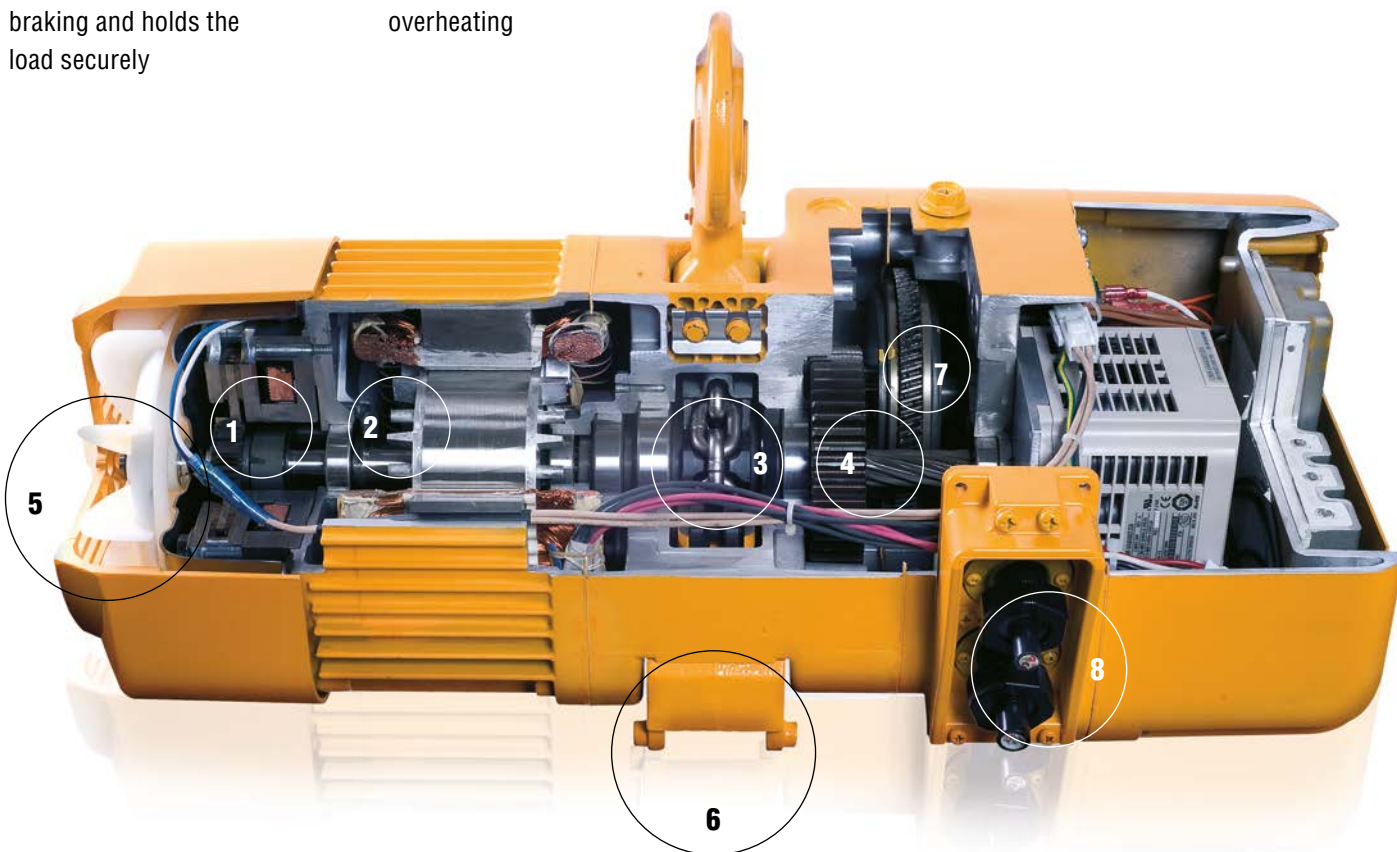
Prevents the motor from overheating

### 3. Chain guide

Uniquely structured to ensure even running

### 4. Gearbox

Helical gears reduce operating noise



### 5. Fan cooling

The combination of the aluminium die-cast body and fan system ensure optimum cooling

### 6. Upper / lower limit switch

Stops the hook when the highest or lowest position has been reached

### 7. Friction clutch

To protect the components subject to stress against overloading

### 8. Direct cabling

Internal connectors make it easier to connect the device



### Operating hours counter / load cycle counter built into frequency inverter

The display of operating data allows maintenance intervals to be planned effectively.



# Technical data

Type	Load capacity	Body size	Lifting motor		Lifting speed (m/min)*			Load chain diameter	Chain falls	Classification	Headroom C	Weight	Weight for additional 1 m lift
	kg		Output, kW	Rating (% ED)		50 Hz		mm		FEM/ISO	mm	kg	kg
						High	Low						
ER2-001IH	125	B	0.56	40/20	Standard	16.6	2.8	4.3	1	3m/M6	350	27	0.42
		B	0.56	40/20	Adjustable	16.6	1.4	4.3	1	3m/M6	350	27	0.42
ER2-003IS	250	B	0.56	40/20	Standard	10.8	1.8	4.3	1	3m/M6	350	27	0.42
		B	0.56	40/20	Adjustable	10.8	0.9	4.3	1	3m/M6	350	27	0.42
ER2-003IH	250	C	0.9	40/20	Standard	15.7	2.6	6.0	1	3m/M6	370	36	0.81
		C	0.9	40/20	Adjustable	15.7	1.3	6.0	1	3m/M6	370	36	0.81
ER2-005IL	500	C	0.56	40/20	Standard	4.5	0.8	6.0	1	3m/M6	370	32	0.81
		C	0.56	40/20	Adjustable	4.5	0.4	6.0	1	3m/M6	370	32	0.81
ER2-005IS	500	C	0.9	40/20	Standard	8.5	1.4	6.0	1	3m/M6	370	36	0.81
		C	0.9	40/20	Adjustable	8.5	0.7	6.0	1	3m/M6	370	36	0.81
ER2-010IL	1,000	D	0.9	40/20	Standard	4.2	0.7	7.7	1	2m/M5	430	45	1.33
		D	0.9	40/20	Adjustable	4.2	0.3	7.7	1	2m/M5	430	45	1.33
ER2-010IS	1,000	D	1.8	40/20	Standard	8.2	1.4	7.7	1	2m/M5	430	52	1.33
		D	1.8	40/20	Adjustable	8.2	0.7	7.7	1	2m/M5	430	52	1.33
ER2-016IS	1,600	E	1.8	40/20	Standard	5.3	0.9	10.2	1	2m/M5	510	72	2.3
		E	1.8	40/20	Adjustable	5.3	0.4	10.2	1	2m/M5	510	72	2.3
ER2-020IL	2,000	E	1.8	40/20	Standard	4.3	0.7	10.2	1	1Am/M4	575	73	2.3
		E	1.8	40/20	Adjustable	4.3	0.4	10.2	1	1Am/M4	575	73	2.3
ER2-020IS	2,000	E	3.5	40/20	Standard	8.2	1.4	10.2	1	1Am/M4	590	89	2.3
		E	3.5	40/20	Adjustable	8.2	0.7	10.2	1	1Am/M4	590	89	2.3
ER2-025IS	2,500	F	3.5	40/20	Standard	6.6	1.1	11.2	1	1Am/M4	625	100	2.8
		F	3.5	40/20	Adjustable	6.6	0.6	11.2	1	1Am/M4	625	100	2.8
ER2-032IS	3,200	E	3.5	40/20	Standard	5.2	0.9	10.2	2	1Am/M4	785	105	4.7
		E	3.5	40/20	Adjustable	5.2	0.4	10.2	2	1Am/M4	785	105	4.7
ER2-050IS	5,000	F	3.5	40/20	Standard	3.3	0.6	11.2	2	1Am/M4	850	128	5.6
		F	3.5	40/20	Adjustable	3.3	0.3	11.2	2	1Am/M4	850	128	5.6
ER2-100IS	10,000	F	3.5	40/20	Standard	3.3	0.6	11.2	4	1Am/M4	1,370	303	11.0
		F	3.5	40/20	Adjustable	3.3	0.3	11.2	4	1Am/M4	1,370	303	11.0
ER2-150IS	15,000	F	3.5	40/20	Standard	2.2	0.4	11.2	6	1Am/M4	1,595	404	17.0
		F	3.5	40/20	Adjustable	2.2	0.2	11.2	6	1Am/M4	1,595	404	17.0
ER2-200IS	20,000	F	3.5	40/20	Standard	1.7	0.3	11.2	8	1Am/M4	1,710	476	22.0
		F	3.5	40/20	Adjustable	1.7	0.15	11.2	8	1Am/M4	1,710	476	22.0

\*Please note: The high speed is preset to the maximum speed in KITO factory. The speed is adjustable between high and low. Higher load capacities on request.



# ER2 Limit Lock electric chain hoist

- ▶ Up to 5,000 kg load capacity

## Individual programmable hook position limits

- ▶ **Easily adjusted using push button control**
- ▶ **Special limit lock feature**  
Easily programmable stopping positions for the load
- ▶ **Standard ER2 electro-mechanical switches**  
For upper most and lower most travel; plus “soft” limits for preset travel stops
- ▶ **Two positions**  
One upper and lower limit position
- ▶ **Improved productivity and efficiency in operation**  
The operator can easily lift or lower to the perfect position every time

## Setting method

### Setting the upper-limit position

- ▶ Stop the hook at the desired upper-limit position
- ▶ Press the EMERGENCY STOP button  
Then, hold down the UP button (1st step) for 5 seconds

### Setting the lower-limit position

- ▶ Stop the hook at the desired lower-limit position
- ▶ Press the EMERGENCY STOP  
Then hold down the DOWN button (1st step) for 5 seconds

### Upper limit position

Individual adjustable upper and lower limit switches. Automatically decelerate to low-speed operation before reaching a limit position.

Automatic speed-reducing operation

### Lower limit position

**To cancel the programmed limit position is every time possible**

### Cancelling the upper-limit position

- ▶ Press the EMERGENCY STOP button
- ▶ Hold down the UP button for 5 seconds

### Cancelling the lower-limit position

- ▶ Press the EMERGENCY STOP button
- ▶ Hold down the DOWN button for 5 seconds



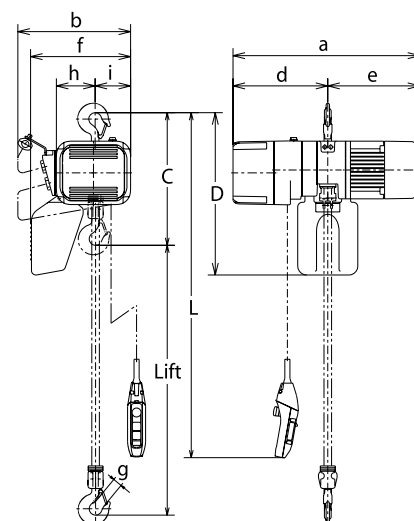
# Technical data

Type	Load capacity	Body size	Lifting height	Control cable	Lifting motor		Lifting speed* (m/min)			Load chain diameter	Chain falls	Classification	Headroom C	Weight	Weight for additional 1 m lift
	kg		m	m	Output, kW	Rating (% ED)		50 Hz		mm		FEM/ISO	mm	kg	kg
								High	Low						
ER2-001IH	125	B	3	2.5	0.56	40/20	Standard	16.6	2.8	4.3	1	3m/M6	350	27	0.42
		B	3	2.5	0.56	40/20	Adjustable	16.6	1.4	4.3	1	3m/M6	350	27	0.42
ER2-003IS	250	B	3	2.5	0.56	40/20	Standard	10.8	1.8	4.3	1	3m/M6	350	27	0.42
		B	3	2.5	0.56	40/20	Adjustable	10.8	0.9	4.3	1	3m/M6	350	27	0.42
ER2-003IH	250	C	3	2.5	0.9	40/20	Standard	15.7	2.6	6.0	1	3m/M6	370	36	0.81
		C	3	2.5	0.9	40/20	Adjustable	15.7	1.3	6.0	1	3m/M6	370	36	0.81
ER2-005IL	500	C	3	2.5	0.56	40/20	Standard	4.5	0.8	6.0	1	3m/M6	370	32	0.81
		C	3	2.5	0.56	40/20	Adjustable	4.5	0.4	6.0	1	3m/M6	370	32	0.81
ER2-005IS	500	C	3	2.5	0.9	40/20	Standard	8.5	1.4	6.0	1	3m/M6	370	36	0.81
		C	3	2.5	0.9	40/20	Adjustable	8.5	0.7	6.0	1	3m/M6	370	36	0.81
ER2-010IL	1,000	D	3	2.5	0.9	40/20	Standard	4.2	0.7	7.7	1	2m/M5	430	45	1.33
		D	3	2.5	0.9	40/20	Adjustable	4.2	0.3	7.7	1	2m/M5	430	45	1.33
ER2-010IS	1,000	D	3	2.5	1.8	40/20	Standard	8.2	1.4	7.7	1	2m/M5	430	52	1.33
		D	3	2.5	1.8	40/20	Adjustable	8.2	0.7	7.7	1	2m/M5	430	52	1.33
ER2-016IS	1,600	E	3	2.5	1.8	40/20	Standard	5.3	0.9	10.2	1	2m/M5	510	72	2.3
		E	3	2.5	1.8	40/20	Adjustable	5.3	0.4	10.2	1	2m/M5	510	72	2.3
ER2-020IL	2,000	E	3	2.5	1.8	40/20	Standard	4.3	0.7	10.2	1	1Am/M4	575	73	2.3
		E	3	2.5	1.8	40/20	Adjustable	4.3	0.4	10.2	1	1Am/M4	575	73	2.3
ER2-020IS	2,000	E	3	2.5	3.5	40/20	Standard	8.2	1.4	10.2	1	1Am/M4	590	89	2.3
		E	3	2.5	3.5	40/20	Adjustable	8.2	0.7	10.2	1	1Am/M4	590	89	2.3
ER2-025IS	2,500	F	3	2.5	3.5	40/20	Standard	6.6	1.1	11.2	1	1Am/M4	625	100	2.8
		F	3	2.5	3.5	40/20	Adjustable	6.6	0.6	11.2	1	1Am/M4	625	100	2.8
ER2-032IS	3,200	E	3	2.8	3.5	40/20	Standard	5.2	0.9	10.2	2	1Am/M4	785	105	4.7
		E	3	2.8	3.5	40/20	Adjustable	5.2	0.4	10.2	2	1Am/M4	785	105	4.7
ER2-050IS	5,000	F	3	2.8	3.5	40/20	Standard	3.3	0.6	11.2	2	1Am/M4	850	128	5.6
		F	3	2.8	3.5	40/20	Adjustable	3.3	0.3	11.2	2	1Am/M4	850	128	5.6

\*Please note: The high speed is preset to the maximum speed in KITO factory. The speed is adjustable between high and low. Higher load capacities on request.

Type	Load capacity	Dimensions (mm)								
	kg	D	a (MFC*)	b	d (MFC*)	e (MFC*)	f	g	h	i
ER2-001IH	125	430	535 (564)	345	276 (305)	259	284	27	99	117
ER2-003IS	250	430	535 (564)	345	276 (305)	259	284	27	99	117
ER2-003IH	250	430	568 (593)	348	300 (325)	268	283	27	113	106
ER2-005IL	500	490	571 (598)	348	300 (325)	271 (273)	283	27	113	106
ER2-005IS	500	490	568 (593)	348	300 (325)	268	283	27	113	106
ER2-010IL	1,000	550	614 (632)	376	316 (332)	298 (300)	335	31	129	118
ER2-010IS	1,000	550	623 (639)	376	316 (332)	307	335	31	129	118
ER2-016IS	1,600	630	710 (737)	427	372 (397)	338 (340)	384.5	34	160.5	137.5
ER2-020IL	2,000	630	710 (737)	427	372 (397)	338 (340)	384.5	39	160.5	137.5
ER2-020IS	2,000	630	767 (782)	427	411 (426)	356	384.5	39	160.5	137.5
ER2-025IS	2,500	840	800 (826)	445	401 (427)	399	437.5	39	173.5	142.5
ER2-032IS	3,200	920	767 (782)	427	411 (426)	356	397	44	216	82
ER2-050IS	5,000	920	800 (826)	445	401 (427)	399	439	47	231.5	84.5

\*With additional, mechanical brake.



**Variable speed  
for ultimate  
load control**





# ER2 Stepless Speed electric chain hoist

- ▶ Up to 20,000 kg load capacity

## Infinitely variable speed control

- ▶ **Variable speed control functions**

High performance speed control for the KITO ER2 dual speed inverter type and a special push button control

- ▶ **Operation advantages**

The further the operator depresses the push button, the faster the hoist lifts or lowers

- ▶ **Maximum lifting speed range**

Acceleration and deceleration with a 1:6 ratio of maximum lifting speed

- ▶ **Constant speed at any point**

Maximum control of the load enabling safe and efficient hoisting operations

- ▶ **Consistent speed control function**

Variable speed features for lifting and lowering operation

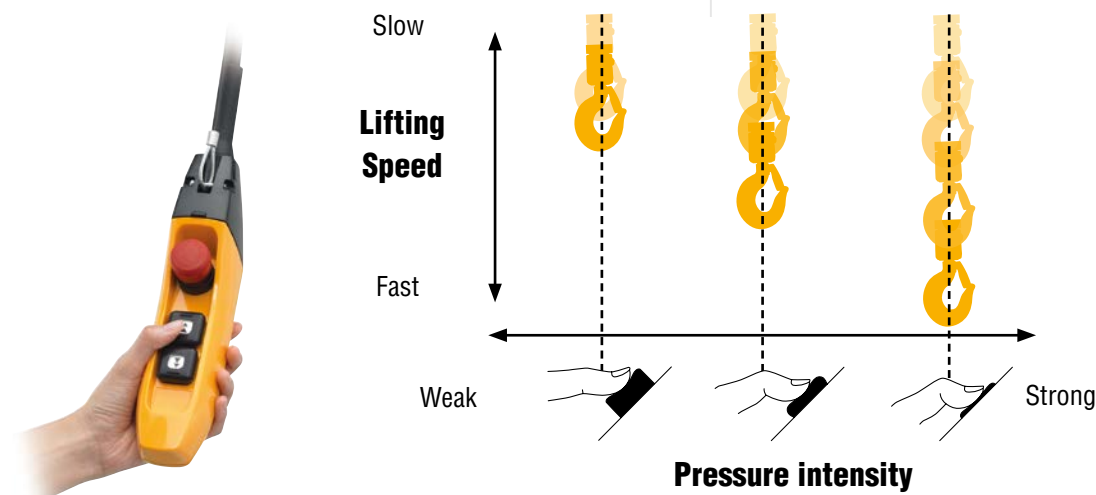
- ▶ Available with manual or motorized trolleys

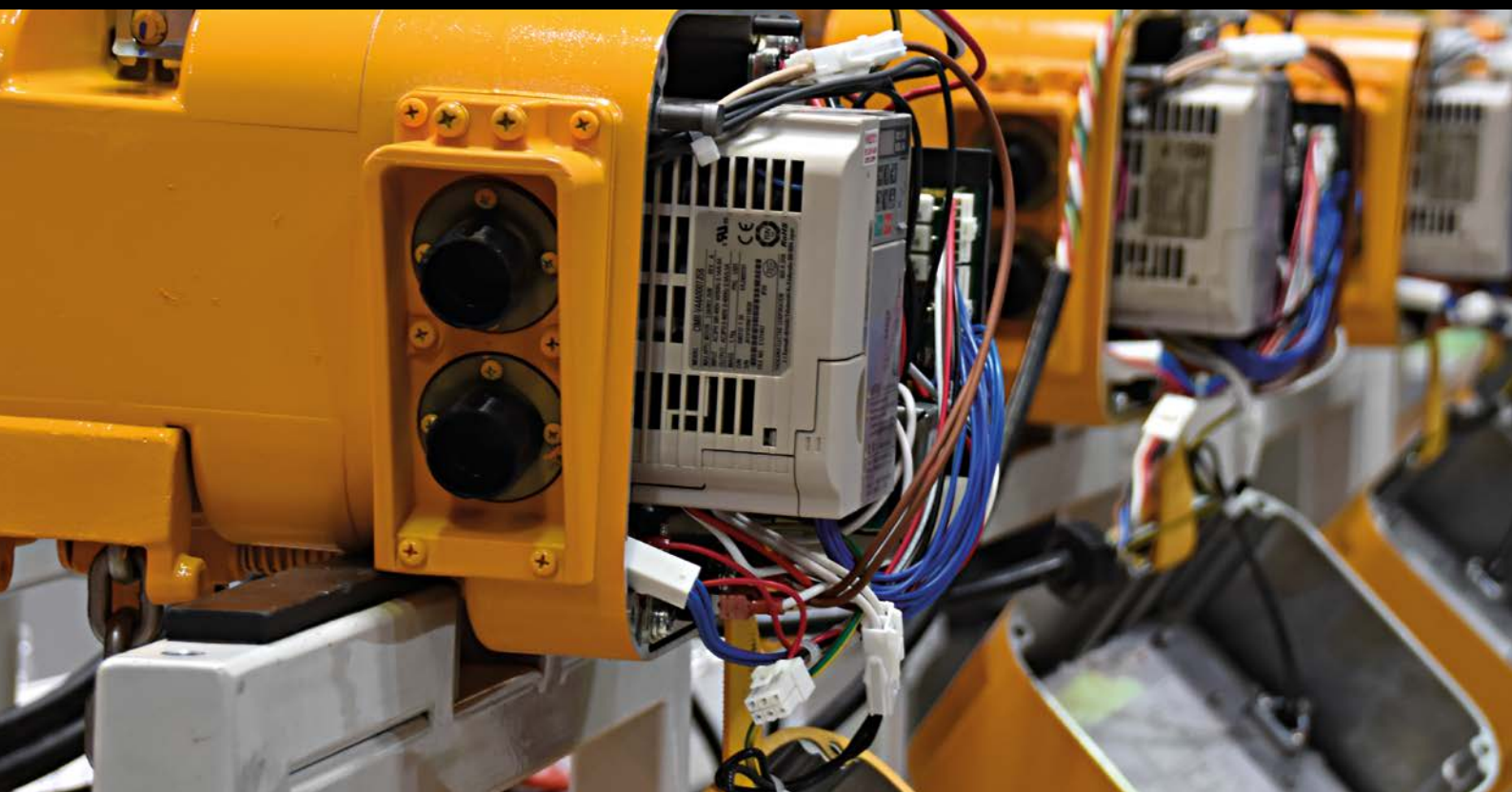
- ▶ Ideal for galvanizing or dipping operations



### Technical data and dimensions

Please find the information on page 55.





## ER2 Second Step Variable

► Electric Chain Hoist with up to 20.000 kg load capacity

**When the pushbutton is released from the second step to the first step, the speed that was in effect at the time before the maximum speed was reached is maintained.**

The KITO ER2 can therefore be operated at will between the low and maximum speed. To return to the 1st step or slower speed, the pushbutton must be released completely and pressed again.

2. Step



Constant  
Speed

1. Step

Acceleration

**Control switch  
for variable  
lifting speed**

in the second step





# Features

- ▶ 380 – 440 V | 50 Hz / 60 Hz
- ▶ 24 V Control voltage
- ▶ Dual lifting speed – Second Step Variable
- ▶ Frequency inverter
- ▶ Overload limiter thanks to carbon friction clutch
- ▶ Operating hours counter / load cycle counter
- ▶ Range limit switch for lifting / lowering
- ▶ Thermal motor protection
- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7
- ▶ Standard ER2 can be modified into Second Step Variable



## Device suspension

Top hook or connector can be easily assembled and disassembled



## Control switch

2-step pushbutton with powerful frequency inverter



## Load hook

Pivots by 360° to avoid kinking and twisting of the load chain



## Chain container

In plastic or canvas, depending on lifting height

# Advantages



## 2 Step Push Button & Frequency Inverter

As with the ER2 Standard Dual Speed, this control function uses a 2-step pushbutton and a powerful KITO ER2 frequency inverter.



## Smooth deceleration with delay time

If the pushbutton is released completely at any step, the KITO ER2 brakes quickly with a delay time. The deceleration speed is fixed and cannot be changed.



## Smooth acceleration

Pressing the pushbutton from the first to the second step, causes a smooth and optimal acceleration time from minimum to maximum speed.



## Individual acceleration rate & stroke speed

The KITO ER2 in Second Step Variable mode also allows the acceleration rate to be changed using the frequency inverter.



Check out the video of the **SECOND STEP VARIABLE** for even more flexibility in handling:

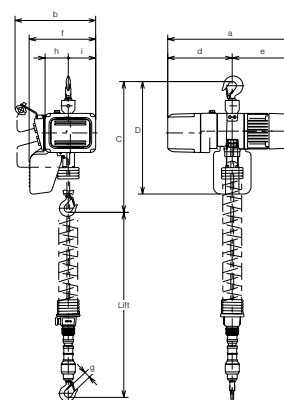
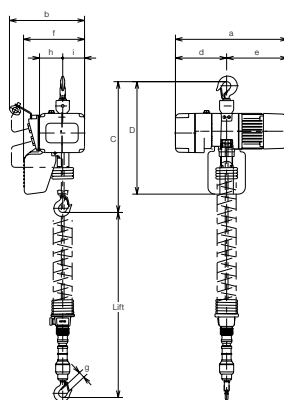
Scan the QR code to watch the video!





# CDER2 electric chain hoist with cylinder control

- ▶ Up to 250 kg load capacity
- ▶ 380 - 440 V / 50 Hz
- ▶ 24 V control voltage
- ▶ Frequency inverter for precise positioning of the load
- ▶ Ergonomic cylinder control
- ▶ Operating hours counter / load cycle counter
- ▶ Range limit switch for lifting / lowering
- ▶ Thermal motor protection
- ▶ Electromagnetic brake
- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7



## Dimensions

Type	Load capacity	Dimensions (mm)								
	kg	D	a	b	d	e	f	g	h	i
ER2-001IH	125	490	535	345	276	259	284	27	99	117
ER2-003IS	250	490	535	345	276	259	284	27	99	117

## Quick and convenient to use

**With ergonomic cylinder control and frequency inverter for dual lifting speeds**

**Classification according to FEM 3m/ISO M6**

for load range up to 250 kg

**Nickel-plated load chain**

Grade T, series DAT (G80) in accordance with standard EN818-7, Strength 800 N/mm<sup>2</sup>

**Lifting and lowering can be controlled with just one hand**

**Quick release system**

for removable load hook



## Technical data

Type	Load capacity	Body size	Lifting height	Lifting motor		Lifting speed* (m/min)			Load chain diameter	Chain falls	Classification	Headroom C	Weight	Weight for additional 1 m lift
	kg		m	Out-put, kW	Rating (% ED)		50 Hz		mm		FEM/ISO	mm	kg	kg
							High	Low						
ER2-001IH	125	B	1.8	0.56	40/20	Standard	16.6	2.8	4.3	1	3m/M6	1,065	29	0.42
ER2-001IH	125	B	1.8	0.56	40/20	Adjustable	16.6	1.4	4.3	1	3m/M6	1,065	29	0.42
ER2-003IS	250	B	1.8	0.56	40/20	Standard	10.8	1.8	4.3	1	3m/M6	1,065	29	0.42
ER2-003IS	250	B	1.8	0.56	40/20	Adjustable	10.8	0.9	4.3	1	3m/M6	1,065	29	0.42

\*Please note: The high speed is preset to the maximum speed in KITO factory. The speed is adjustable between high and low.



# SHER2M electric chain hoist short headroom

- ▶ Up to 5,000 kg load capacity
- ▶ 380 - 440 V / 50 Hz
- ▶ 24 V control voltage
- ▶ Frequency inverter for precise positioning of the load
- ▶ Single and dual lifting and traveling speed
- ▶ Operating hours counter / load cycle counter
- ▶ Range limit switch for lifting / lowering
- ▶ Thermal motor protection
- ▶ Electromagnetic brake
- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7

## Options

- ▶ Fall protection device and bumpers
- ▶ Limit Lock - Individual programmable hook position limits (page 54 – 55)
- ▶ Stepless Speed - Infinitely variable speed control (page 56 – 57)



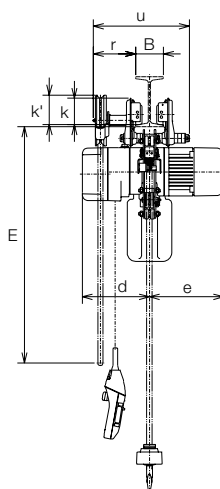


**Usage of the  
effective lifting  
height**

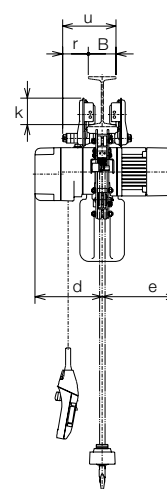




**Optimized headroom C due to special chain guide solution**



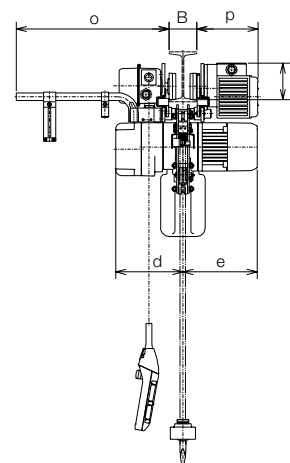
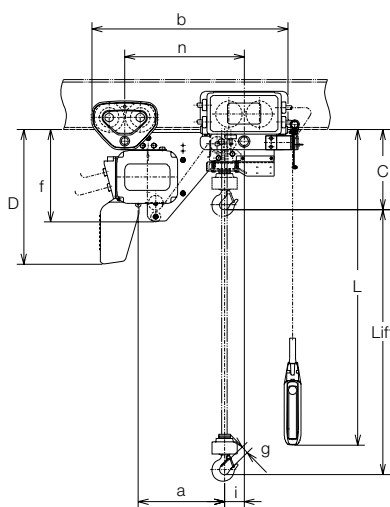
Geared trolley



Plain trolley

## Headroom comparison

Type	Load capacity	Headroom C (mm)		
SHER2M	kg	A SHER2M	B Standard ER2M	Difference (A-B)
003IS	250	265	375	-110
005IL	500	285	395	-110
005IS	500	285	395	-110
010IL	1,000	345	435	-90
010IS	1,000	345	435	-90
016IS	1,600	435	505	-70
020IL	2,000	435	570	-135
020IS	2,000	475	585	-110
032IS	3,200	610	765	-155
050IS	5,000	670	900	-230



Motor trolley

## Dimensions

Type	Load capacity	Dimensions (mm)																	
SHER2M	kg	D	E	a	b	d	c	f	g	h	i	j	k	K'	n	o	p	r	u
003IS-IS	250	430	3,700	260	656 (616)	219	259	325	27	130	68	18	95	107	380	515	220	152 (56)	345 (249)
005IS-IS	500	525	3,700	310	706 (666)	242	268	370	27	130	70	18	95	107	430	515	220	152 (56)	345 (249)
010IS-IS	1,000	550	3,700	339	734 (694)	291	307	405	31	130	77	18	95	107	458	515	220	152 (56)	345 (249)
016IS-IS	1,600	640	3,700	389	826 (803)	308	338	487	34	125	79	29	112	109	523	520	225	154 (69)	385 (300)
020IS-IS	2,000	840	3,700	423	846 (823)	337	399	527	39	125	79	29	112	109	543	520	225	154 (69)	385 (300)
032IS-IS	3,200	830	3,700	435	892 (884)	347	356	487	44	131	45	24	134	115	560	521	226	157 (79)	398 (320)
050IS-IS	5,000	860	4,200	475	1,057 (1,057)	337	399	542	47	145	66	31	144	131	657	528	281	156 (53)	401 (297)

Please note: The numbers in the column „b“ stand for the manual trolley types. The numbers in „r“ and „u“ stand for plain trolleys. The numbers in column „D“ stand for a lifting height of 4 m. For further information please contact your local KITO dealer.



# Technical data

Type	Load capacity	ER2							
		Body size	Lifting motor		Lifting speed* (m/min)			Load chain diameter	Chain falls
SHER2M	kg		Output, kW	Rating (% ED)		50 Hz		mm	
						High	Low		
003IS-IS	250	B	0.56	40/20	Standard	10.8	1.8	4.3	1
003IS-IS	250	B	0.56	40/20	Adjustable	10.8	0.9	4.3	1
005IS-IS	500	C	0.9	40/20	Standard	8.5	1.4	6.0	1
005IS-IS	500	C	0.9	40/20	Adjustable	8.5	0.7	6.0	1
010IS-IS	1,000	D	1.8	40/20	Standard	8.2	1.4	7.7	1
010IS-IS	1,000	D	1.8	40/20	Adjustable	8.2	0.7	7.7	1
016IS-IS	1,600	E	1.8	40/20	Standard	5.3	0.9	10.2	1
016IS-IS	1,600	E	1.8	40/20	Adjustable	5.3	0.4	10.2	1
020IS-IS	2,000	F	3.5	40/20	Standard	6.6	1.1	11.2	1
020IS-IS	2,000	F	3.5	40/20	Adjustable	6.6	0.6	11.2	1
032IS-IS	3,200	E	3.5	40/20	Standard	4.1	0.7	10.2	2
032IS-IS	3,200	E	3.5	40/20	Adjustable	4.1	0.4	10.2	2
050IS-IS	5,000	F	3.5	40/20	Standard	3.3	0.6	11.2	2
050IS-IS	5,000	F	3.5	40/20	Adjustable	3.3	0.3	11.2	2

\*Please note: The high speed is preset to the maximum speed at the KITO factory. The speeds are adjustable between High and Low. Just for straight beams.  
Curved beams and flange width on request. For further information please contact your local KITO dealer.

Type	Trolley							Weight, kg		
	Travel Motor		Travel speed			Flange width: B (mm)				
SHER2M	Output, kW	Rating (% ED)		50 Hz		Standard	Option	Motor trolley	Geared trolley	Plain trolley
				High	Low		W30 (305 mm)			
003IS-IS	0.4	27/13	Standard	24	4	75 - 163	164 - 305	78	61	56
003IS-IS	0.4	27/13	Adjustable	24	2.4	75 - 163	164 - 305	78	61	56
005IS-IS	0.4	27/13	Standard	24	4	75 - 163	164 - 305	90	73	68
005IS-IS	0.4	27/13	Adjustable	24	2.4	75 - 163	164 - 305	90	73	68
010IS-IS	0.4	27/13	Standard	24	4	100 - 163	164 - 305	124	107	102
010IS-IS	0.4	27/13	Adjustable	24	2.4	100 - 163	164 - 305	124	107	102
016IS-IS	0.4	27/13	Standard	24	4	125 - 204	205 - 305	158	139	134
016IS-IS	0.4	27/13	Adjustable	24	2.4	125 - 204	205 - 305	158	139	134
020IS-IS	0.4	27/13	Standard	24	4	125 - 204	205 - 305	212	193	188
020IS-IS	0.4	27/13	Adjustable	24	2.4	125 - 204	205 - 305	212	193	188
032IS-IS	0.4	27/13	Standard	24	4	125 - 204	205 - 305	241	222	217
032IS-IS	0.4	27/13	Adjustable	24	2.4	125 - 204	205 - 305	241	222	217
050IS-IS	0.75	27/13	Standard	24	4	150 - 204	205 - 305	322	307	300
050IS-IS	0.75	27/13	Adjustable	24	2.4	150 - 204	205 - 305	322	307	300

**Safe and  
synchronous  
lifting**



# TWER2M Twin Hook electric chain hoist

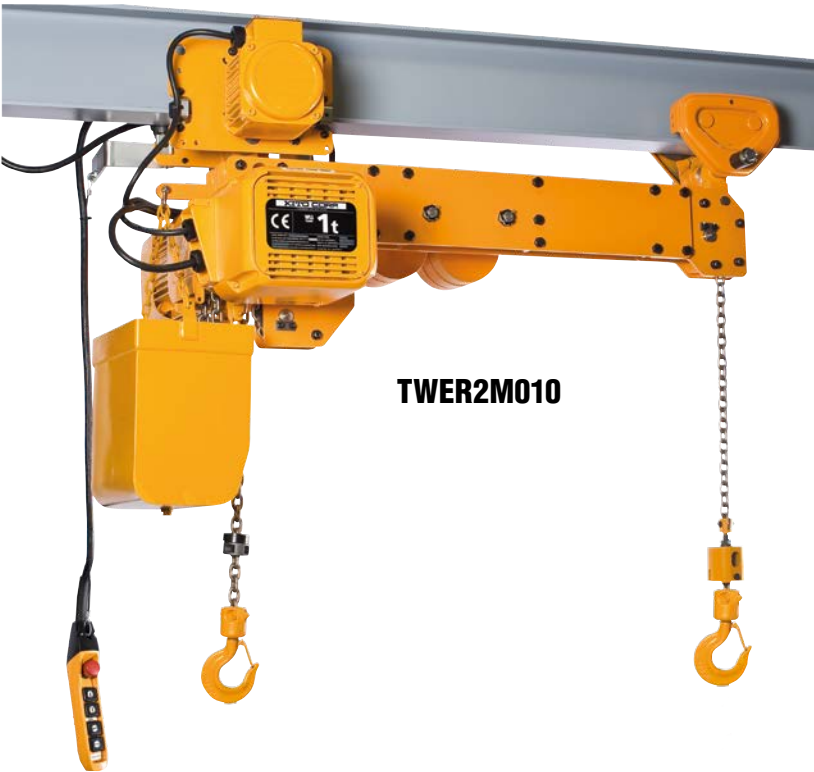
- ▶ Up to 5,000 kg load capacity
- ▶ 380 - 440 V / 50 Hz
- ▶ 24 V control voltage
- ▶ Frequency inverter for precise positioning of the load
- ▶ Single and dual lifting and traveling speed
- ▶ Operating hours counter / load cycle counter
- ▶ Range limit switch for lifting / lowering
- ▶ Thermal motor protection
- ▶ Electromagnetic brake
- ▶ Nickel-plated load chain grade T, series DAT (G80) in accordance with standard EN 818-7
- ▶ Steel chain container

## Options

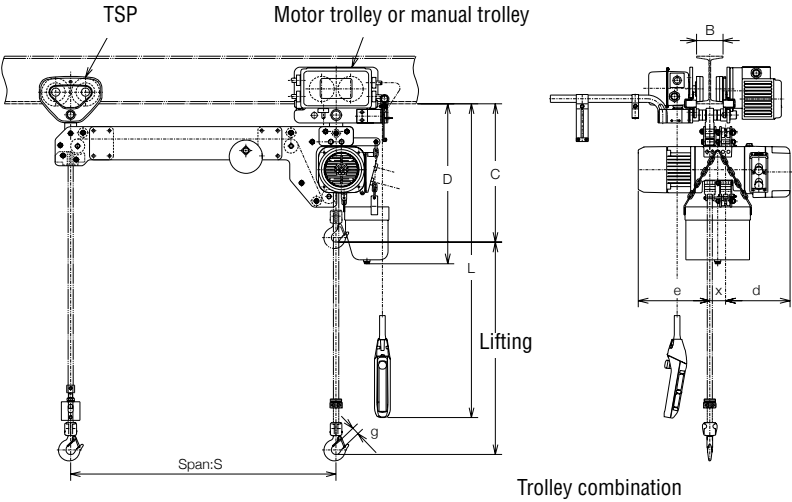
- ▶ Fall protection device and bumpers
- ▶ Limit Lock - Individual programmable hook position limits (page 54 – 55)
- ▶ Stepless Speed - Infinitely variable speed control (page 56 – 57)







TWER2M010



Dimensions

Type	Load capacity	Headroom C	Dimensions (mm)					
TWER2M	kg		D	S	d	e	g	x
003IS-IS	125 + 125	535	620	max. 4,000	300	271	27	60
005IS-IS	250 + 250	535	620	max. 4,000	300	268	27	60
010IS-IS	500 + 500	615	710	max. 4,000	493	307	31	71
020IS-IS	1,000 + 1,000	790	790	max. 4,000	600	363	39	81
032IS-IS	1,600 + 1,600	820	820	max. 4,000	600	363	44	81
050IS-IS	2,500 + 2,500	990	990	max. 4,000	611	418	46	85

# Technical data

Type	Load capacity	Body size	ER2							Weight
			Lifting motor		Lifting speed* (m/min)		Load chain diameter	Chain falls		
TWER2M	kg		Output, kW	Rating (% ED)		50 Hz		mm		kg
						High	Low			
003IS-IS	125 + 125	C	0.56	40/20	Standard	10.8	1.8	6.0	2	120
005IS-IS	250 + 250	C	0.9	40/20	Standard	8.5	1.4	6.0	2	125
010IS-IS	500 + 500	D	1.8	40/20	Standard	8.2	1.4	7.7	2	180
020IS-IS	1,000 + 1,000	E	3.5	40/20	Standard	8.2	1.4	10.2	2	265
032IS-IS	1,600 + 1,600	E	3.5	40/20	Standard	5.2	0.9	10.2	4	310
050IS-IS	2,500 + 2,500	F	3.5	40/20	Standard	3.3	0.6	11.2	4	365

Type	Load capacity	Body size	Trolley						
			Travel Motor		Travel speed* (m/min)		Flange width: B (mm)		
TWER2M	kg		Output, kW	Rating (% ED)		50 Hz		Standard	Option
						High	Low		W30 (305 mm)
003IS-IS	125 + 125	C	0.4	27/13	Standard	24	4	58 - 153	164 - 305
005IS-IS	250 + 250	C	0.4	27/13	Standard	24	4	58 - 153	164 - 305
010IS-IS	500 + 500	D	0.4	27/13	Standard	24	4	58 - 153	164 - 305
020IS-IS	1,000 + 1,000	E	0.4	27/13	Standard	24	4	82 - 204	204 - 305
032IS-IS	1,600 + 1,600	E	0.4	27/13	Standard	24	4	100 - 204	204 - 305
050IS-IS	2,500 + 2,500	F	0.75	27/13	Adjustable	24	2.4	100 - 204	204 - 305

\*Please note: The high speed is preset to the maximum speed at the KITO factory. The speeds are adjustable between High and Low.  
Just for straight beams. Curved beams on request. The exact net weight depends on the hook space. The maximum lifting height is 8 m.  
Special lifting heights on request. For further information please contact your local KITO dealer.



# Wire Rope Hoists



**RX Foot mounted hoist**



**RX Monorail trolley**







**RX Low headroom monorail hoist trolley**



**RX Low headroom monorail hoist trolley**



# RX Wire Rope Hoist



**Lifting capacities between  
1,000 kg and 50,000 kg**



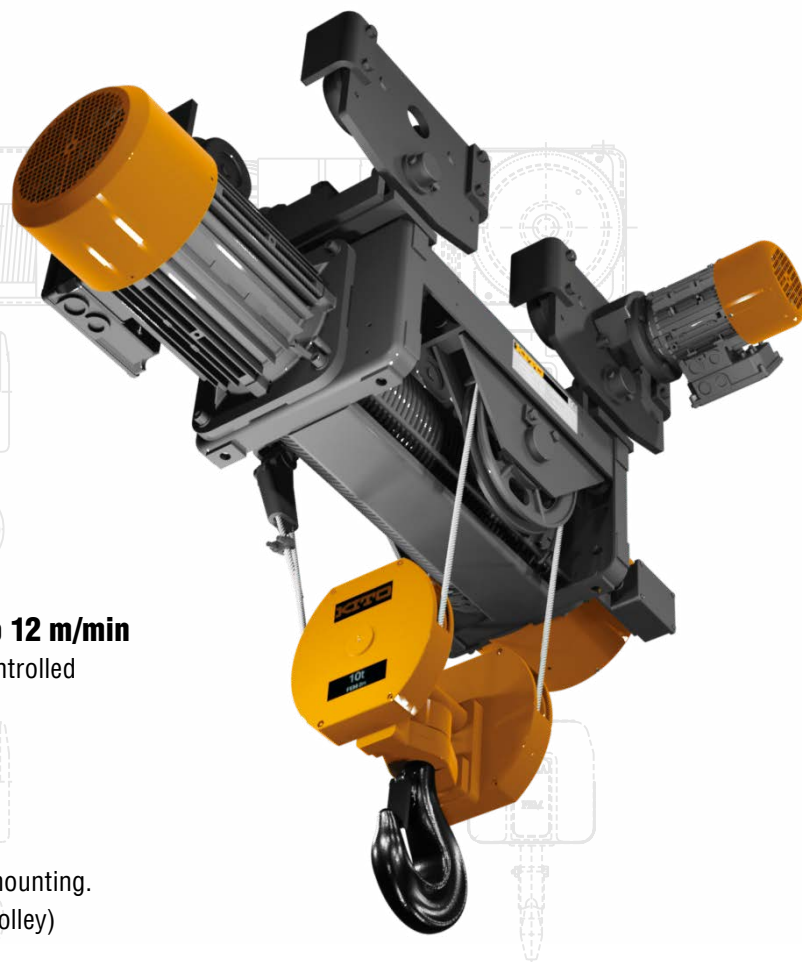
**2 or 4 rope strands**  
Reeving 2/1, 4/1 and 4/2



**Lifting speeds from 1.5 m/min to 12 m/min**  
Single-speed, two-speed, frequency-controlled



**Foot mounts**  
that allow for „standing“ or „hanging“ mounting.  
(As a foot hoist or for a double-girder-trolley)



## Features

- ▶ 380 - 440V / 50 - 60Hz / 3 phases
- ▶ Insulation class: IP 55 (standard) - IP 66 (optional)
- ▶ Control voltage: 42 V, 110 V
- ▶ 24 V, 48 V, 230 V (optional)
- ▶ Three-phase asynchronous motor, sliding anchor motor (optional)
- ▶ Planetary gear

## Safety

- ▶ Electronic overload protection, with two adjustable levels
- ▶ Overheating protection for hoist motor

## Options

- ▶ Radio remote control
- ▶ Special painting
- ▶ Outdoor application
- ▶ Festoon cable systems
- ▶ Load spectrum monitoring
- ▶ Synchronization
- ▶ Load summation
- ▶ Load measurement
- ▶ Load display
- ▶ Hoist units as „True Vertical“ version
- ▶ Anti Sway Control

# Advantages



## Robust design

All components are designed for durability and ease of maintenance. Decades of experience and continuous development make the RX wire rope hoist a reliable partner for moving your loads.



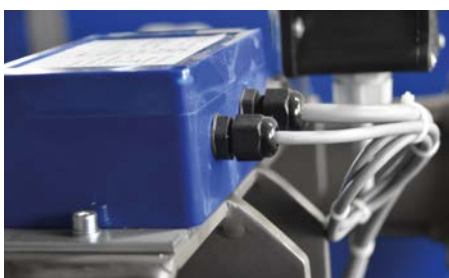
## Three-piece rope guide ring in cast iron design

Stable and easy to install. The rope is optimally guided on the rope drum. The tension spring ensures that the rope is held in the rope groove and thus protects against damage and slack rope on the drum.



## Electronic overload protection

... with two adjustable levels, protects the hoist and all components directly affected by the load from overload. (Performance Level C).



## Electromagnetic disc brake

Safe and easy to maintain.



## Electromagnetic disc brake

Safe and easy to maintain.



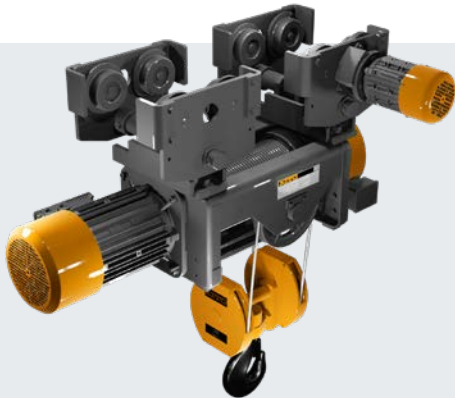
## The types



### Foot mounted hoist

Foot mounted hoist without trolley.

For lifting capacities from 1,000 kg up to 32,000 kg.



### Monorail trolley

Hoist with standard headroom trolley.

For capacities from 1,000 kg up to 32,000 kg.



### Double girder trolley

For capacities from 1,000 kg up to 32,000 kg either supported or suspended, version S2-S4. Only in supported execution for capacities from 20,000 kg up to 25,000 kg 2 rope falls, for capacities from 40,000 kg up to 50,000 kg 4 rope falls.



### Low headroom monorail hoist trolley

For capacities from 1,000 kg up to 10,000 kg.



**The RX wire rope hoist is suitable for the use in a wide variety of applications in an industrial environment:**



- 🔧 Production plants
- 🔧 Plant engineering
- 🔧 Production lines
- 🔧 Workshops
- 🔧 Ship equipment
- 🔧 Service & Maintenance

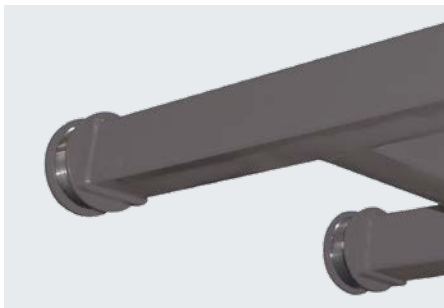


## RX product description



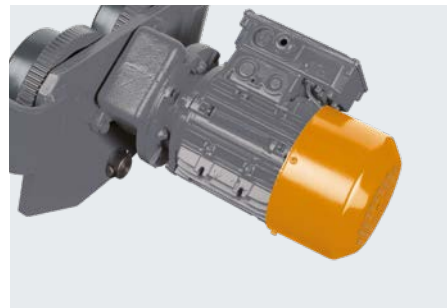
### 1. Rope Guide

The rope guide consists of two parts: the guide ring and tension spring. The tension spring ensures that the rope lays correctly into the drum groove whilst the guide ring always maintains the rope in the correct position preventing the rope from coming off the drum groove. By moving the guide ring along the drum, the limit switches for the highest and lowest hook positions are activated. The limit switch actuation is freely accessible and the setting can be made without great effort.



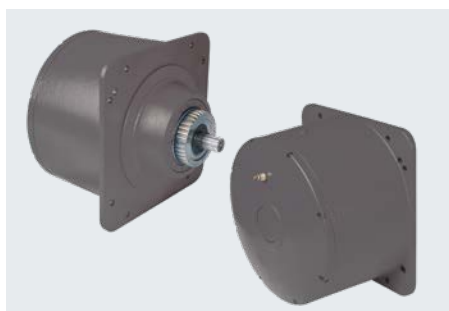
### 2. Wheels

The double-girder trolley is equipped with double-flange wheels. All wheels have high quality ball bearings. The driven wheels are connected directly to the self braking gearmotor. This maintenance-friendly, long-life construction enables the best power transmission between the running wheels and the trolley rail, as well as less wear.



### 3. Trolley construction

The standard headroom monorail design enables the hoist to operate directly under and parallel with the crane or runway beam. The hoist is directly connected to the trolley. All components are freely accessible, which guarantees ease of maintenance.



### 4. Hoist gearbox

The extremely robust, two- or three-stage planetary gear ensures reliable power transmission from the hoist motor to the rope drum. The parts of the planetary gear in the power flow are made of heat-treated quality steel.



### 5. Low headroom trolley

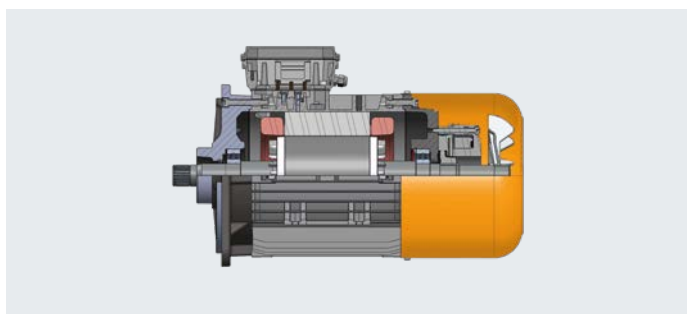
The drives of the low headroom trolley consists of two electric motors, fitted onto planetary gearboxes. The power transmission of the gears goes directly to the toothed wheel axles. This construction does not require any additional, external gears.



### 6. Disc brake

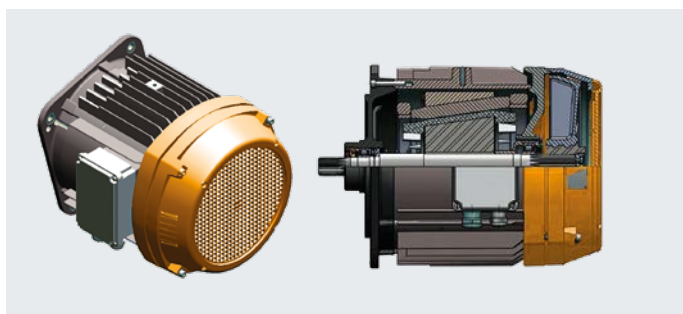
The generously dimensioned disc brake acts directly on the rotor shaft so that the braking force is effectively.





## 7. Motor

The three-phase asynchron motors with cylindrical rotor and disc brake are available with single or dual speed option. The single speed motor allows inverter control to be fitted offering flexible speed control to suit the application requirements.



## 8. Sliding anchor motor

A sliding anchor motor with one or two speeds and a conical brake is optionally available. The axial movement of the rotor ensures that the brake works. The braking torque is provided by the axially mounted Helical spring guaranteed. The brake is released by moving the rotor axially when the motor is energized.



## Trolleys

### TSG geared trolley

p. 80 - 81



### TSP plain trolley

p. 82 - 83







### MR2 motor trolley

p. 84 - 85



### TMH mini trolley



As option for ED and EDC  
electric chain hoists



# TSG geared trolley

- ▶ Up to 30,000 kg load capacity
- ▶ Lightweight and compact design
- ▶ Fall protection device and rubber bumpers
- ▶ Extensive range of flange widths
- ▶ Heat-treated wheels
- ▶ Connector C for rigid suspension and / or hook suspension up to 5,000 kg

## Options

- ▶ Connector E for ER2 electric chain hoist
- ▶ W30 flange width extender

## Technical data

Type	Load capacity	Shaft	Flange width	Connector	Hand chain	Ø Hand chain	Curve radius min.	Weight
	kg		mm		m	mm	mm	kg
TSG	125	Standard	58 - 163	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	125	W30	164 - 305	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	250	Standard	58 - 163	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	250	W30	164 - 305	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	500	Standard	58 - 163	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	500	W30	164 - 305	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	1,000	Standard	58 - 163	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	1,000	W30	164 - 305	C	3.0	5.0 x 25.0	1,350 - 1,400	13.5
TSG	1,500	Standard	82 - 204	C	3.0	5.0 x 25.0	1,600	20.0
TSG	1,500	W30	205 - 305	C	3.0	5.0 x 25.0	1,600	20.0
TSG	2,000	Standard	82 - 204	C	3.0	5.0 x 25.0	1,600	21.0
TSG	2,000	W30	205 - 305	C	3.0	5.0 x 25.0	1,600	21.0
TSG	2,500	Standard	82 - 204	C	3.0	5.0 x 25.0	1,800	30.0
TSG	2,500	W30	205 - 305	C	3.0	5.0 x 25.0	1,800	30.0
TSG	3,000	Standard	82 - 204	C	3.0	5.0 x 25.0	1,800	30.0
TSG	3,000	W30	205 - 305	C	3.0	5.0 x 25.0	1,800	30.0
TSG	5,000	Standard	100 - 204	C	3.0	5.0 x 25.0	2,400	60.0
TSG	5,000	W30	205 - 305	C	3.0	5.0 x 25.0	2,400	60.0
TSG	7,500	Standard	150 - 220	–	3.0	5.0 x 25.0	3,000 - 3,100	115.0
TSG	7,500	W30	221 - 305	–	3.0	5.0 x 25.0	3,000 - 3,100	115.0
TSG	10,000	Standard	150 - 220	–	3.0	5.0 x 25.0	3,000 - 3,100	115.0
TSG	10,000	W30	221 - 305	–	3.0	5.0 x 25.0	3,000 - 3,100	115.0
TSG	15,000	Standard	150 - 220	–	3.0	5.0 x 25.0	–	271.0
TSG	15,000	W30	221 - 305	–	3.0	5.0 x 25.0	–	271.0
TSG	20,000	Standard	150 - 220	–	3.0	5.0 x 25.0	–	271.0
TSG	20,000	W30	221 - 305	–	3.0	5.0 x 25.0	–	271.0
TSG	30,000	Standard	175 and 190	–	3.0	5.0 x 25.0	–	450.0



**TSG for ER2 electric chain hoist with connector E**



**TSG geared trolley  
125 kg to 3,000 kg**



**TSG geared trolley  
5,000 kg to 30,000 kg**





**TSG  
with connector C  
for hand chain block**





**TSP**  
with connector C  
for hand chain block



**TSP plain trolley**  
125 kg to 2,000 kg



**TSP plain trolley**  
3,000 kg to 5,000 kg

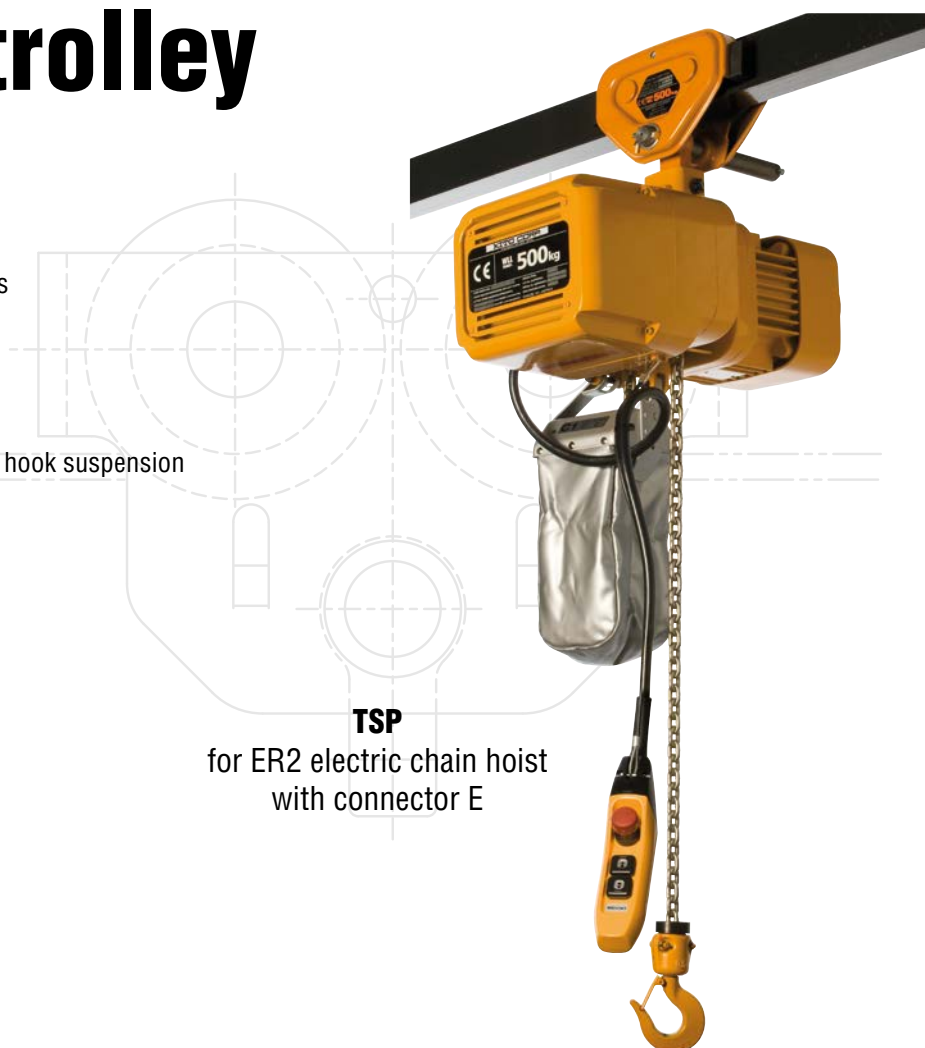


# TSP plain trolley

- ▶ Up to 5,000 kg load capacity
- ▶ Lightweight and compact design
- ▶ Fall protection device and rubber bumpers
- ▶ Extensive range of flange widths
- ▶ Heat-treated wheels
- ▶ Sealed, maintenance-free bearings
- ▶ Connector C for rigid suspension and / or hook suspension

## Options

- ▶ Connector E for ER2 electric chain hoist
- ▶ W30 flange width extender



## Technical data

Type	Load capacity	Shaft	Flange width	Connector	Curve radius min.	Weight
	kg		mm		mm	kg
TSP	125	Standard	50 - 163	C	1,150 - 1,200	5.1
TSP	125	W30	164 - 305	C	1,150 - 1,200	5.1
TSP	250	Standard	50 - 163	C	1,150 - 1,200	5.1
TSP	250	W30	164 - 305	C	1,150 - 1,200	5.1
TSP	500	Standard	50 - 163	C	1,150 - 1,200	5.1
TSP	500	W30	164 - 305	C	1,150 - 1,200	5.1
TSP	1,000	Standard	58 - 163	C	1,350 - 1,400	8.0
TSP	1,000	W30	164 - 305	C	1,350 - 1,400	8.0
TSP	1,500	Standard	82 - 204	C	1,600	14.0
TSP	1,500	W30	205 - 305	C	1,600	14.0
TSP	2,000	Standard	82 - 204	C	1,600	14.0
TSP	2,000	W30	205 - 305	C	1,600	14.0
TSP	2,500	Standard	82 - 204	C	1,800	23.0
TSP	2,500	W30	205 - 305	C	1,800	23.0
TSP	3,000	Standard	82 - 204	C	1,800	23.0
TSP	3,000	W30	205 - 305	C	1,800	23.0
TSP	5,000	Standard	100 - 204	C	2,400	50.0
TSP	5,000	W30	205 - 305	C	2,400	50.0

## MR2 motor trolley

- ▶ Up to 5,000 kg load capacity
- ▶ 380 - 440 V / 50 Hz
- ▶ Single and dual traveling speed
- ▶ Adjustable start-up and braking ramps (frequency inverter)
- ▶ Connector for rigid suspension (ER2 electric chain hoist)
- ▶ Heat-treated wheels

### Options

- ▶ Fall protection device and bumpers as a set

MR2  
with ER2



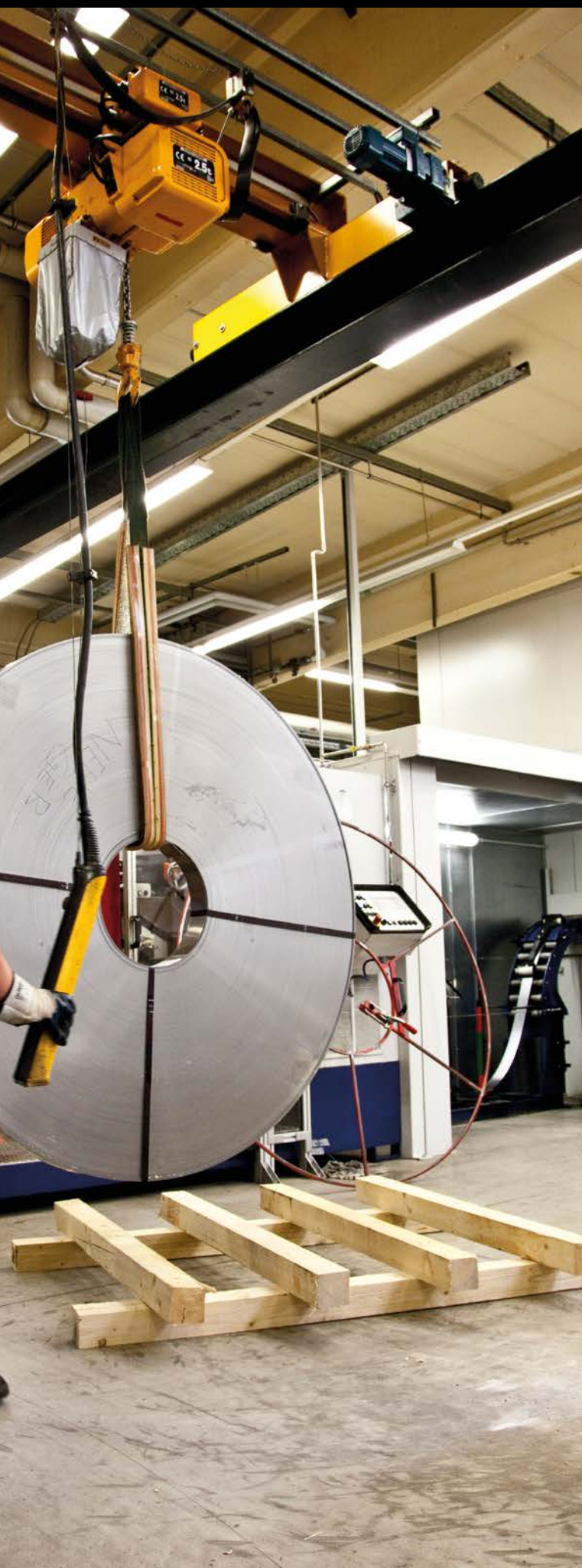
**MR2**

**Adjustable start-up  
and braking ramps**  
(frequency inverter)

**Adjustable  
traversing speeds**  
(frequency inverter)







**MR2  
with ER2**

## Technical data

Type	Load capacity	Version	Speed	Flange width	Travel speed	ED	Curve radius min.
	kg			mm	m/min	%	mm
MR2	125	S	single	58 - 163	20.0	40	800
MR2	125	IS	dual	58 - 163	24.0/4.0-2.4	27 / 13	800
MR2	250	S	single	58 - 163	20.0	40	800
MR2	250	IS	dual	58 - 163	24.0/4.0-2.4	27 / 13	800
MR2	500	S	single	58 - 163	20.0	40	800
MR2	500	IS	dual	58 - 163	24.0/4.0-2.4	27 / 13	800
MR2	1,000	S	single	58 - 163	20.0	40	800
MR2	1,000	IS	dual	58 - 163	24.0/4.0-2.4	27 / 13	800
MR2	1,600	S	single	82 - 204	20.0	40	800
MR2	1,600	IS	dual	82 - 204	24.0/4.0-2.4	27 / 13	800
MR2	2,000	S	single	82 - 204	20.0	40	800
MR2	2,000	IS	dual	82 - 204	24.0/4.0-2.4	27 / 13	800
MR2	2,500	S	single	82 - 204	20.0	40	1,000
MR2	2,500	IS	dual	82 - 204	24.0/4.0-2.4	27 / 13	1,000
MR2	3,200	S	single	82 - 204	20.0	40	1,000
MR2	3,200	IS	dual	82 - 204	24.0/4.0-2.4	27 / 13	1,000
MR2	5,000	S	single	100 - 204	20.0	40	1,000
MR2	5,000	IS	dual	100 - 204	24.0/4.0-2.4	27 / 13	1,000

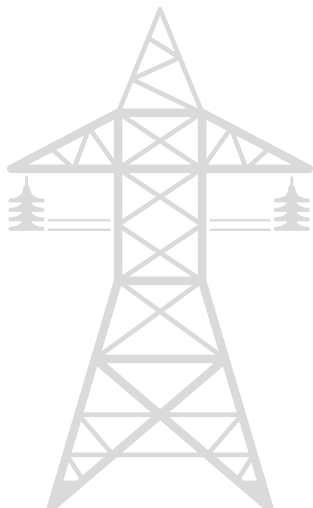




## Industry solutions

### **LB-SL lever hoist for overhead power line construction**

p. 88 - 89



### **FER2 electric chain hoist for food / beverages / pharma**

p. 90 - 93





## Customized special solutions

p. 94 - 97







# LB-SL lever hoist for overhead power line construction

- ▶ Load capacities from 1,600 kg to 9,000 kg
- ▶ Original KITO derailleur gearshift with two shift stages, as protection against unintentional freewheeling, even under load
- ▶ Fine-toothed precision gearing to reduce required force
- ▶ Robust and ergonomic lever handle
- ▶ Heavy-duty load pressure brake with special compression spring for maximum braking power
- ▶ Complies with EN 13157 Cranes - Safety - Hand-operated cranes
- ▶ Nickel-plated load chain grade T, series V (G100)
- ▶ Breaking strength 1,000 N/mm<sup>2</sup>
- ▶ High strength and low wear
- ▶ Higher corrosion resistance
- ▶ Additional safety lock SL (Safety-Lock):  
Is activated automatically if the load pressure brake fails

## Options

- ▶ Chain lock
- ▶ Additional chain stopper
- ▶ Overload limiter (OLL)
- ▶ Without freewheel function
- ▶ Overload signal (LOS)
- ▶ Shipyard hook set (top and

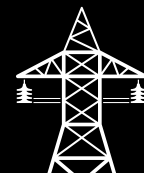


## Technical data

Please find this information on pages 22 and 23.







# Robust and safe. Especially when it matters.

## KITO original freewheel function

Protection against unintentional freewheeling under load

## Robust sheet steel housing

Reliable also under rough handling conditions

## Hook block quadruple riveted

Increased safety

## Chain lock

## Hook block quadruple riveted

## Nickel-plated load chain

Grade T, series V (G100) in accordance with standard EN818-7, Strength 1,000 N/mm<sup>2</sup>



### Safety Locking Module

The additional safety lock SL: Is activated automatically if the load pressure brake fails



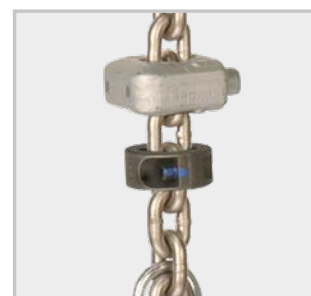
### Fine-toothed precision gearing

to reduce required pulling force



### Overload signal LOS

Visual signal in case of overload



### Chain lock and chain stopper

# FER2 electric chain hoist for food / beverages / pharma

- ▶ NSF H1 compliant food grade grease and oil
- ▶ With CE certification
- ▶ Nickel-plated load chain
- ▶ Grade T, series DAT (G80) in accordance with standard EN818-7
- ▶ IP55 protection class
- ▶ With declaration of conformity

## Options

- ▶ Epoxy painting
- ▶ Hook suspension
- ▶ Plain, geared or motor trolley (pages 80 – 85)
- ▶ Mounting either crosswise or parallel to the girder



## Technical data

Please find this information on page 53.



## Headroom C

Load capacity	Hook suspension		Plain trolley		Geared trolley		Motor trolley	
kg	Standard load hook	Stainless steel load hook	Standard load hook	Stainless steel load hook	Standard load hook	Stainless steel load hook	Standard load hook	Stainless steel load hook
500	370	452	414	495	434	516	396	475
1,000	430	538	470	579	470	579	434	456
2,000	575	594	635	655	635	655	569	589

All other dimensions and operation specifications are the same as ER2 standard specifications.





## **Absolute purity and highest reliability**

**FER2 electric chain hoist with options like epoxy paint, motor trolley, stainless steel load hook, nickel-plated chain stopper and chain spring, limit plate and chain container made of stainless steel.**





## FSHER2M electric chain hoist short headroom

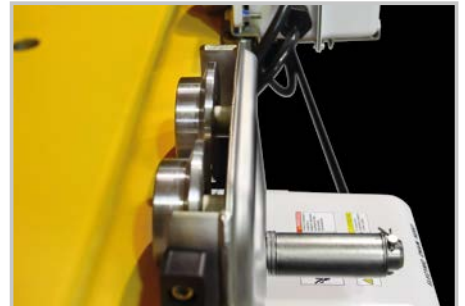
As option with epoxy paint. Optimized usage of space due to short headroom C.



**TSP plain trolley, shafts, brackets and adjustment rings completely nickel-plated**



**Load hook, load chain, chain guide, guide rollers, fasteners and screws made of stainless steel**



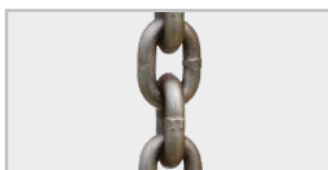
**Wheels of both trolleys made of stainless steel**



## Standards



**Fail safe brake**



**Nickel-plated load chain**



**Food grade grease and oil  
(NSF H1)**



**IP55 protection class**

## Options



**White epoxy paint**



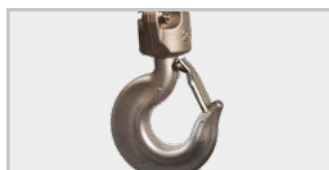
**Load hook with white  
epoxy paint**



**Stainless steel hook  
latch**



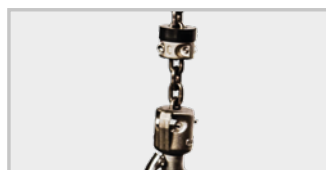
**Nickel-plated e.g. stain-  
less steel components**



**Corrosion-resistant load  
hook made of stainless  
steel**



**Rubber buffer and stain-  
less steel chain stopper**  
At unloaded chain end



**Rubber buffer and stain-  
less steel chain stopper**  
Load cap. 500 kg and 1,000 kg



**Stainless steel chain  
spring and limit plate**  
Load capacity 2,000 kg



**Corrosion-resistant wheels  
made of stainless steel**



**Stainless steel guide  
rollers (MR2)**



**Nickel-plated suspension  
shaft and suspender**

## Accessories



**Stainless steel chain  
container**



**Plastic chain container**



**Canvas chain container**



**Silicone cover for  
control pendant**

# Special solutions for manual chain hoists

## Mechanical special solutions:

- ▶ Special painting / coating for marine, electroplating and other applications
- ▶ Exceptional temperature applications
- ▶ Special safety load hooks up to 3,200 kg load capacity
- ▶ Special chain container
- ▶ Special locking brake for manual trolleys
- ▶ Corrosion-resistant components made of stainless steel
- ▶ Untreated load chain for LB and CB (for applications in the immediate vicinity of welding)
- ▶ Special trolleys, e.g. extra-wide flange
- ▶ Trolleys for low curve radii
- ▶ Applications and use in the offshore industry
- ▶ Trolley with rack-and-pinion drive system

## Special applications:

- ▶ Chain hoists for food, beverage and pharma industry

## Technical documentation / certification

- ▶ Inspection certificate 3.1 in accordance with EN 10204:2004 for the hoist, hook and chain
- ▶ Inspection certificate 3.2 in accordance with EN 10204:2004 or DNV-GL on request in return for a fee
- ▶ Inspection books can be issued in return for a fee



**Certificates can be provided upon request for a fee**

**For special application queries please contact [sales@kito.net](mailto:sales@kito.net)**

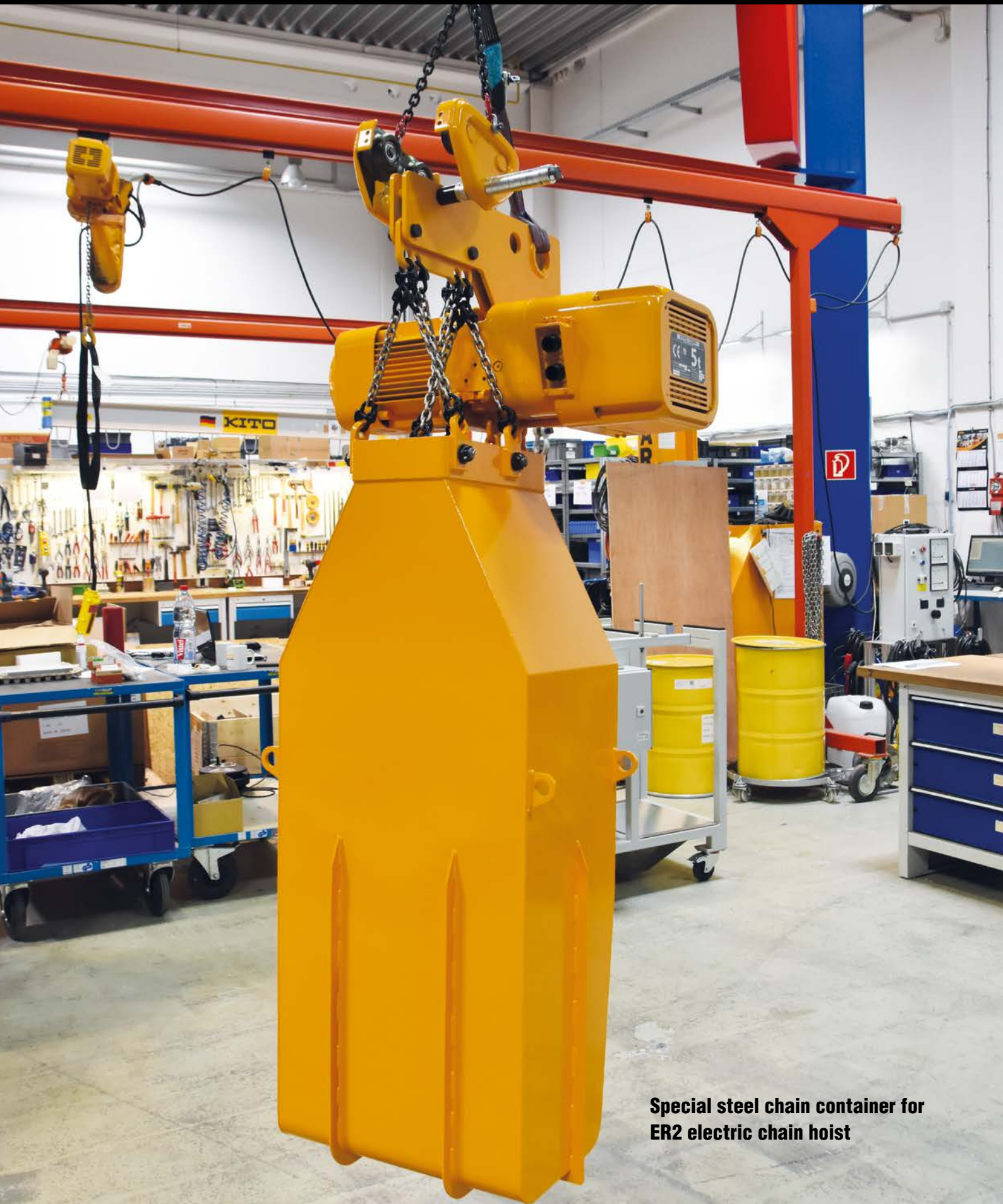






## LB lever hoist with special paint and overload signal LOS





**Special steel chain container for  
ER2 electric chain hoist**



# Special solutions for electric chain hoists

## Electrical special solutions:

- ▶ Tandem/tridem control via a push button pendant  
(selection of individual chain hoists from one unit / individual control of the chain hoists)
- ▶ Push button pendant and radio remote control can be provided on request
- ▶ Acoustic and visual alarm systems
- ▶ Limit switch for motor trolleys
- ▶ Trailing cable systems and conductor lines
- ▶ Electromechanical overload limiter
- ▶ Gear limit switch
- ▶ Battery-powered electric brake opening for ER2 in the event of a power cut
- ▶ Special voltages on request
- ▶ Reprogramming of the frequency inverter on request
- ▶ Special controls / automation on request

## Mechanical special solutions:

- ▶ Special painting / coating for marine, electroplating and other applications
- ▶ Special safety load hooks up to 3,200 kg load capacity
- ▶ Special chain container
- ▶ Special locking brake for manual trolleys
- ▶ Applications and use in the offshore industry
- ▶ Corrosion-resistant components made of stainless steel
- ▶ Trolley with rack-and-pinion drive system
- ▶ Trolleys for low curve radii
- ▶ Special trolleys, e.g. extra-wide flange

## Special applications:

- ▶ Electric chain hoists for food, beverage and pharma industry

## Technical Documentation/Certification:

- ▶ CE certificates – free of charge at the initial point of ordering
- ▶ Inspection certificate: 3.1 in accordance with EN 10204:2004
- ▶ Further certificates can be provided upon request, e.g. 3.2, CSA, UL



**Certificates can be provided upon request for a fee**



**For special solution queries please contact [sales@kito.net](mailto:sales@kito.net)**



# User

## These companies already rely on our premium hoists

Company	Industry	Company	Industry
DEUTZ-FAHR	Agricultural Technology	SIEMENS	Electronics
OUTOKUMPU	Steel	TOSHIBA	Electronics
THYSSENKRUPP	Steel	BOSCH	Electronics
VALRONA	Food	TUI CRUISES	Cruise Ship
SCHLOSSBRUNNEN WÜLLNER	Food	MEYER WERFT	Shipyard
FRISCHLI	Food	BLOHM & VOSS	Shipyard
SÜDZUCKER	Food	STX	Shipyard
CARGILL	Food and Feed	MAN DIESEL	Motors
VILLEROY & BOCH	Ceramics	MAN TURBO	Motors
BRIDGESTONE	Tires	ALSTOM	Logistics
UPM	Paper	KÄSSBOHRER	Vehicle Construction
KOMATSU	Construction	GOLDHOFER	Machines
MAX Bögl	Construction	EISENWERKE BRÜHL	Automotive
SCHWENK	Concrete	VW VOLKSWAGEN	Automotive
ESCO EUROPEAN SALT COMPANY	Salt Production	FIAT	Automotive
REMONDIS	Recycling	FORD	Automotive
DU PONT	Chemistry	TOYOTA	Automotive
WACKER CHEMIE	Chemistry	HONDA	Automotive
BASF	Chemistry	MAZDA	Automotive
DOW	Chemistry	SKODA	Automotive
SCHMITT & SOHN	Elevators	NISSAN	Automotive
RWE	Energy	HYUNDAI	Automotive
GE	Energy	FERRARI	Automotive
ELTEL	Energy (Overhead power line construction)	OPEL	Automotive
BILFINGER FRB	Energy (Overhead power line construction)	AIRBUS	Aviation
OMEXOM	Energy (Overhead power line construction)	BOEING	Aviation
C-TEAM	Energy (Overhead power line construction)	CESSNA	Aviation
ENERCON	Wind Energy	LOCKHEED MARTIN	Aviation and Aerospace
VESTAS	Wind Energy	TURKISH AIRLINES	Airline
HITACHI	Electronics	AMERICAN AIRLINES	Airline
WESTINGHOUSE	Electronics	BP	Petrochemistry
SANYO	Electronics	EXXON MOBIL	Petrochemistry
PANASONIC	Electronics	SHELL	Petrochemistry
SONY	Electronics	STATOIL	Petrochemistry

# References

**KITO hoists are in use in various industries worldwide.**



## The Group in Europe

### **KITO** weissenfels



Suits perfect to “below the hook devices” like chain slings from KITO Weissenfels

### **KITO** ERIKKILA



Unbeatable in combination with KITO ERIKKILA light crane systems and jib cranes

### **KITO** VAN LEUSDEN



On a high-quality level as engineered lifting solution from KITO VAN LEUSDEN

#### **Kito Europe GmbH**

Heerdter Lohweg 93  
40549 Düsseldorf  
Tel.: +49 211 528 009-0  
info@kito.net

[www.kito.net](http://www.kito.net)  
[www.kitogroup.eu](http://www.kitogroup.eu)