

KITO

G e n e r a l C a t a l o g u e
f o r K I T O P r o d u c t s - I n d i a





KITO ELECTRIC CHAIN HOIST

KITO ER2 SERIES | 125kg to 20t (Three phase power supply)

Kito ER2 Series are key players in the Kito Electric Chain Hoists, featuring superior performance as a high quality, high performance hoist with state-of-the-art specifications. Seeking improved ease of use and work efficiency, an inverter has been provided as standard in a dual speed hoist and trolley. The dual speed inverter delivers smoother movement than ever, reducing load swing.



ER2
Dual/Single Speed
Hook Suspension Type
125kg to 5t



ER2M
Dual/Single Speed
Motorized Trolley Type
125kg to 5t



ER2SG (ER2SP)
Dual/Single Speed
Geared/Plain Trolley Type
125kg to 5t



CDER2
Cylinder Control Type
Dual/Single Speed
125kg and 250kg



LARGE CAPACITY TYPE ER2 | 7.5t to 20t



Large Capacity ER2
Hook Suspension Type
10t to 20t



Large Capacity ER2M
Motorized Trolley Type
7.5t to 20t



Large Capacity ER2SG
Geared Trolley Type
7.5t to 20t

Push button control original design

The push button control is designed in an ergonomic shape that is operator friendly. Seeking ease of operation and universal design, KITO's original push button control was designed and manufactured based on trial and error repeated many times, in particular, upgrading prototypes and evaluation from an end-user point of view especially with respect to unit strength.

Back lug for
firm grip



KITO ELECTRIC CHAIN HOIST

KITO APPLICATION-ORIENTED MODEL SERIES

Kito's Application-oriented Model Series are designed to meet various needs, load handling works as well as environmental conditions. Kito also offers various turn-key models with specifications designed to meet the user's particular applications.



**Twin Hook
Type TWER2M**
250kg to 5t



**Ultra Low
Headroom
Type SHER2M**
250kg to 5t



**Explosion
-Proof
Type RESM**
500kg to 5t



**Food Grade Hoist
Type ER2**
125kg to 5t



Type ER
250kg to 1t

Type ED
240kg

**Climbing
Reversible
Type Hoists**

KITO EQ 125kg to 1t

KITO Electric Chain Hoist EQ maximizes the characteristics of its dual speed inverter. And we stick with the control design. Motor-frame integration has materialized an ultimate light-weight, compact size, while maintaining high functions. Equipped with OLL the electronic overload protection device and friction clutch to ensure operational safety and environmental friendliness. Designed light-weight and compact, unique-shape push button switches are easy to grab and operate.



**EQ
With Suspension Eye**
125kg to 1t



**EQM
With Motorized Trolley**
125kg to 1t



**EQSP
With Plain Trolley**
125kg to 1t

ED-III SERIES 60kg to 480kg (Single phase power supply)

This series is small in size but high in output. Pendant control and Cylinder control types are available to meet user's applications which can be run on a home-use power supply (for Single phase).

Single Phase AC120 or 240V 50/60Hz



**Single/Dual
Speed**
60kg to 240kg



**Dual Speed
Cylinder Control Type**
60kg to 240kg



**Single/Dual
Speed**
480kg

Mini Trolley



For H-Beam TMH25



For C-Channel TMC25

KITO AIR HOIST

KITO TCS | TCR | TCH SERIES 250kg to 25Ton

KITO Air Hoists reduce the burden for operators and supports improved work efficiency.

A wide lineup is available, from models offering smooth low speed operation to models with stress-free high speed operation.

There are also outstandingly portable, compact and light weight models as well as large-capacity models for handling heavy loads.



Lifting or lowering all at once!
Ultra high speed operation in TCS Series reduces wasted time!
TCS Series (250kg to 980kg)



Speed adjustment is directly carried out by using the pendant valves. Ultra low speed is possible with this intuitive operation in TCR series!
TCR Series (250kg to 2Ton)



Overwhelming increase in lifting speed compared to our conventional models. Achieved the world's highest lifting speed in the same air hoist capacity band. Overload limiter is equipped as a standard.
TCH Series (3Ton, 6Ton & 25Ton)

Method Of Operation



Cord



Pendant

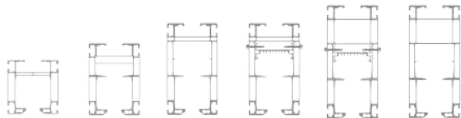
Light Profile System

KITO ERIKKILA LIGHT CRANE

ERIKKILA is an over 100 years old manufacturer of ergonomic light crane systems, Having expertise in producing steel and aluminium light profile tracks and its accessories. Thanks to the self-centering push trolley, load swinging is minimized. PROSYSTEM light crane system has the best weight-stiffness-ratio in the world: light own weight and maximal suspension distances. The closed profile construction protects against dust exposure. All connections are bolt connections which make the system easy to install and design according to customers' needs.

ALUMINIUM PROFILES LOADING UP TO 1000KG

Aluminium profiles are made of high quality anodised aluminium. Aluminium profiles are characterised by their intelligent profile geometry: unique ID stripes help to identify and install the profiles.



Profile | 2/105 | 3/140 | 4/180 | 4/180R | 5/220 | 4/220R

ERIKKILA

The combination of Erikkila Aluminium Light Crane System and KITO EQ series Electric Chain Hoist is a perfect match with smooth operation with inverter technology



- Aluminum profile is lighter in weight, and the running resistance is less compared to steel profiles. This enables the operator a comfortable lifting experience in any kind of light material handling needs.

- Below mentioned models and tailored solutions are available on request

Low Headroom Raised Systems, Steel Light Crane Systems, Jib Cranes, Telescope, Curve Rail, Track, Turntable

Standard Lineup

Single Girder



Double Girder



Monorail

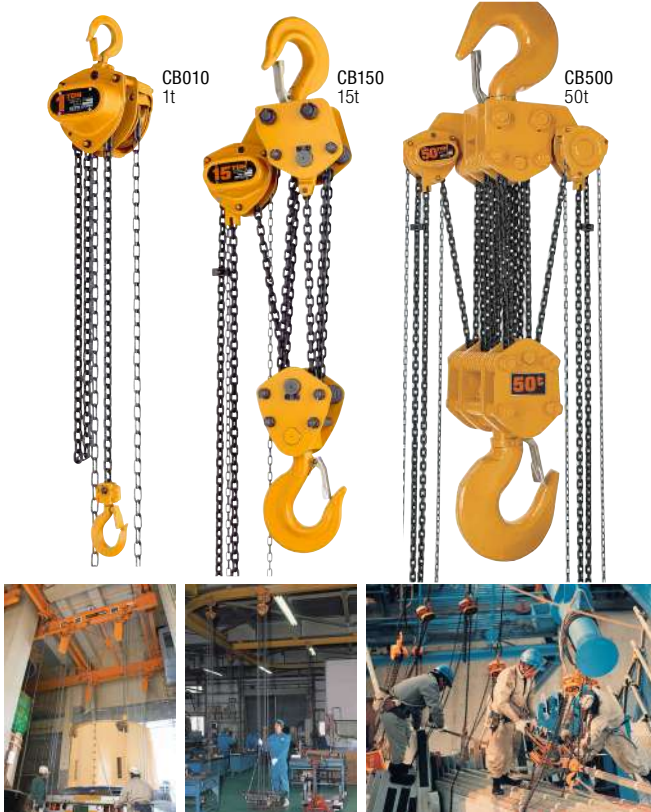


Internal Conductor Rails (ICR). can be provided for customer-specific applications. This solution frees the operator from troublesome cabling, and also reduces the cross rail dead space.

KITO MANUAL CHAIN HOIST

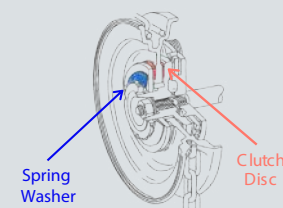
KITO MIGHTY CB SERIES | MODEL M3 500kg to 50t

- Extraordinarily compact, light, and easy to use.
- Excellent workability thanks to maximum mechanical efficiency, requiring the least manual force.
- Excellent durability because of the top-grade load chain (rupture stress: 1000N/mm² or higher).



KITO CHAIN PULLEY BLOCK WITH OLL 500kg to 50t

The hoist overload limiter protects the hoist mechanism from damage due to overloading. When an overload is applied to the hoist, the overload limiter actuates to stop lifting.



CB-ATEX up to 3t



Ex-protected

Ex II 2G c IIB T4

Ex II 2D c 135 °C

>Allows the operation in potentially explosive atmosphere

Conforms to ATEX Directive 94/9/EC

>Increased safety for temperature limit range
Maximum equipment temperature 135 °C

>Safe operation in potentially explosive atmosphere

Protected against explosive gases, vapors and dust

ATEX Directive 94/9/EC

Solid bronze (Bronze coated for 3t)

Copper-coated load hook

Hand chain SUS 304



KITO MANUAL TROLLEY | MODEL TS 500kg to 5Ton

- Wheels are specially machined and heat-treated for exceptional durability.
- Extra-light structure is achieved due to strict design conditions.
- Protective bumpers protect the wheels in case the trolley collides with the stoppers at the ends of the rail or collides with another trolley.
- Trolleys can be installed on either I-beam or H-beam rails.
- Specially designed for smooth running ; the rail width can be adjusted easily.
- All four wheels feature high-grade closed ball bearings that do not require lubrication.

Plain Trolley



500kg to 3t



5t

Geared Trolley



1t to 3t



5t

Applied Technology Type Product

KITO LOW HEADROOM TYPE | MODEL SHB 1t to 20t

The Kito Low Headroom Type Manual chain hoist is designed with an ultra-small dead space compared to standard models. The chain hoist, designed with all the beneficial design specifications of Kito MIGHTY, provides high ease-of-use, quality, and performance.



Specially Designed for Mining & Offshore Business

KITO MINING & OFFSHORE M3CB

500kg to 20t



Special Features

- Forged Safety Latches
- Sealed Bearings
- Double Brake Pawls
- Domu Nuts



KITO CX | 250kg to 1ton

Compact, Light weight and Simple design!
Integral aluminum body and lightweight of only 2.4kg.
High portability to carry everywhere.
Easy and smooth operation with small hand-pull force.
Wide internal diameter of hooks expands the range of applications.

Equipped with
OVERLOAD LIMITER



KITO LEVER HOIST

KITO LB SERIES | MODEL L5 0.8t to 9t

Kito's innovative technology makes this new model smaller and lighter than ever before.

It's easy to carry and store, and the LEVER BLOCK™ is much easier to use, even in narrow working spaces.

- Kito's original free chain adjusting mechanism greatly improves the working efficiency.
- The grade 100 (1000N/mm²) chain features an unbeatable combination of toughness and resistance to corrosion.
- The LEVER BLOCKS™ are made by Kito's reliable design which is superior to world standards.



KITO CLIP | Accessory (750kg, 1.5ton & 3ton)



- Kito Clips are special fixtures for wire rope. They are developed for applications where ropes are used with lever hoists or chain hoists.
- Clips can be used in any desired position on a wire rope.
- Inserting a wire rope in a clip and pulling the clip makes it grip the wire firmly.
- The original groove design protects the wire surface.
- Their combined use with a lever hoist improves efficiency and economy.

Optional hook for special tip-loading applications



Shape is cut out with special tip so it can hook on to the edge of steel plate making it suitable for certain shipbuilding or plate working applications. (Not suitable for general load holding, taking-up, or lifting applications – use standard hook instead).

The lever slips! Prevents the hoist from excessive overload lifting.

Equipped with
OVERLOAD LIMITER

Easy Operation with a compact, low headroom design.



In the event of excessive overload lifting, the overload limiter is activated and the lever slips. It is a device to improve operator's safety and hoist's durability.

KITO LX SERIES | 250kg/500kg

Kito LEVER BLOCK™ LX series is available in two capacities: 250kg and 500kg. Extremely compact & light, these LX series hoists are suitable for work in tight quarters or elevated locations where fastening, fixing, or positioning of light load is required.



Load fastening Tension Lifting/lowering Anchoring Positioning Distortion correction Alignment of structures Other load handling

KITO CHAIN SLING

- KITO link chain grade 100 achieves the world's strongest level.
- Safety Factor 1: 4
- Wide range of variations allow selection of the optimum combination for any application.
- High product quality realizes safe and highly efficient work.
- Advanced chain manufacturing technologies realize outstanding ultimate elongation.
- Achievement of outstanding economic efficiency due to the high wear resistance.
- Standard link chains are provided in various diameters from $\phi 6.0$ mm to $\phi 20.0$ mm to support work lifting heavy and large-sized objects.

VIS

THE GRADE 10 LIFTING CHAINS AND ACCESSORIES LINE

VIS 200 Gr.10



EN 818-2 + 25% of loads

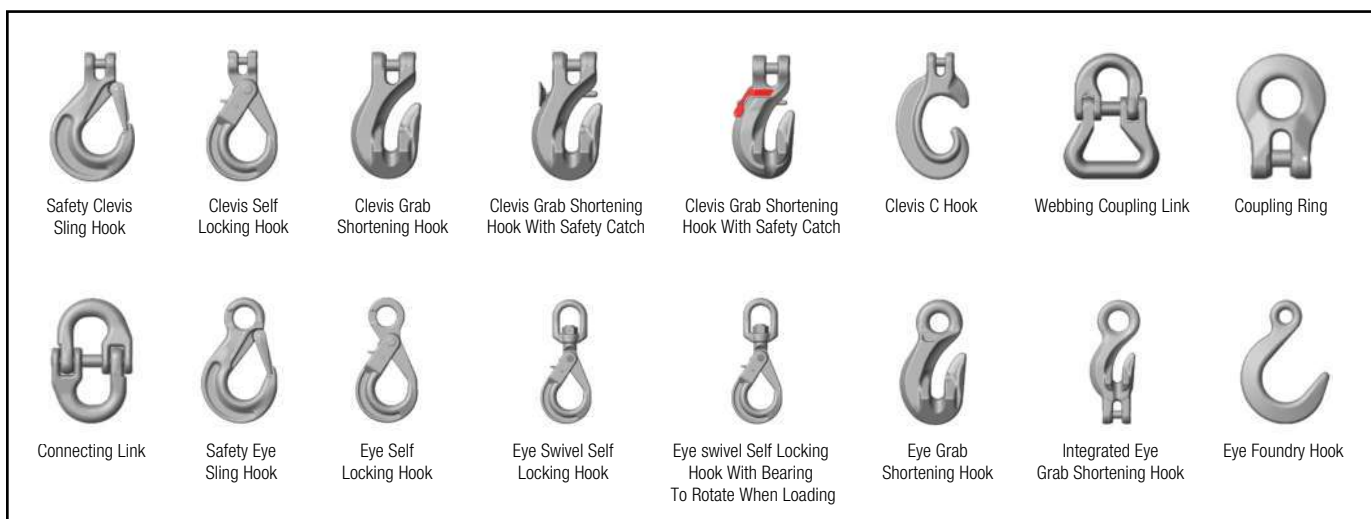
VIS Accessories Gr.10



EN1677 + 25% of loads



WIDE RANGE OF VARIATIONS ALLOW SELECTION OF THE OPTIMUM COMBINATION FOR ANY APPLICATION



Fiber Slings

KITO POLYESTER SLING

KITO POLYESTER SLING | 500kg to 10t

The Kito Polyester Slings support a wide range of load handling operations, and offer exceptional strength to hold loads firmly yet with good flexibility to protect the load from damage.

Users can select the most appropriate type for various loads; the Belt Sling BSL type for a wide range of applications, the Round Sling RE type which is an endless type with a flexible rope-like shape, and Eight Sling EE type featuring a special dual structure with eyes at both ends.



Belt Sling BSL Type 630kg to 10t



Round Sling RE Type 1t to 10t

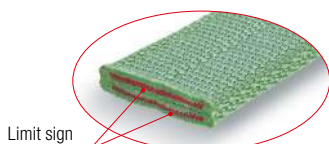


Eight Sling EE Type 500kg to 5t

With Limit sign for easy identification of discard limit.

The red core wadding is woven into the belt.

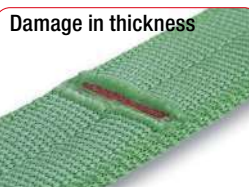
The time when the core wadding comes into view due to damage is discard limit.



Limit sign

Criteria of limit sign for replacement

(Right pictures show the state of damages on a brand-new sling. Residual strength is 85% or over.)



Damage in thickness

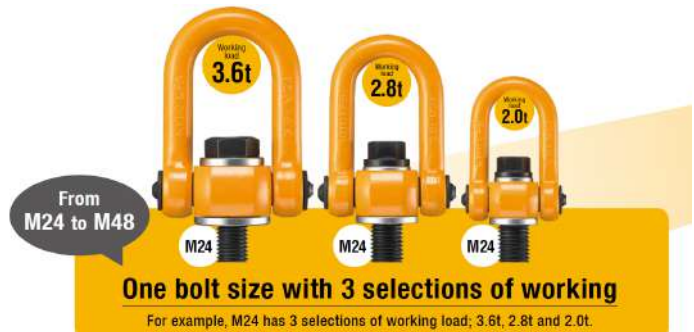


Damage in width

KITO LIFTING POINT

FLEXIBLY MOVING SHACKLE IN THE LOADING DIRECTION! REALIZING SMOOTH WORK

Working load up to 3 times higher than the JIS eye bolt (stationary type) with an identical bolt diameter. Available for side lifting, oblique lifting, raising, etc. considered dangerous for the eye bolt



Permanent Lifting Magnets

KITO SUPER MAG

- Easy operation of the switch lever can attach and release a load.
- Permanent magnets are free from a power supply failure.
- Original magnet structure of Super Mag is patented (patent no. 3396466)
- With shapes (flat or round steel) or weights of the loads, a wide variety of 12 models are provided for you.



Flat/Round steel type
KRM7 flat steel 70kg /
round steel 50kg



Flat/Round steel type
KRM45
flat steel 450kg /
round steel 300kg



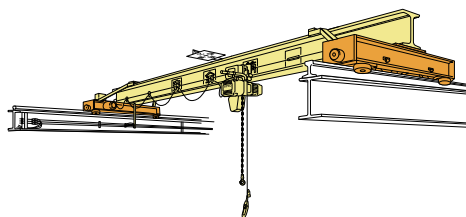
Flat steel type
KRL100 1000kg



Flat steel type
KRL30 300kg

KITO END CARRIAGE

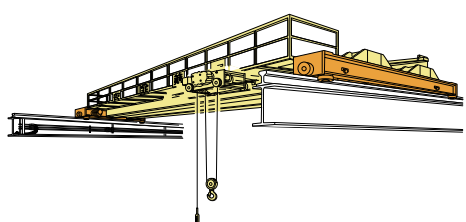
END CARRIAGE FOR SINGLE GIRDER OVERHEAD CRANES



The single girder overhead crane can be installed on traveling rails on the brackets of building pillars. This type of crane has a relatively larger capacity and can utilize space below ceiling rafters, and so a wider lifting range is assured.



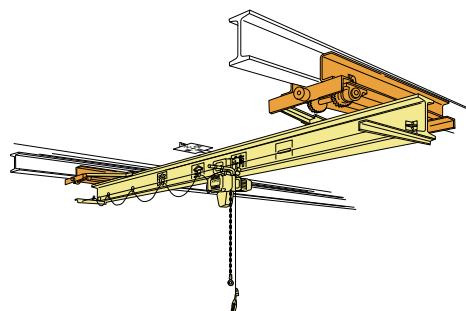
END CARRIAGE FOR DOUBLE GIRDER OVERHEAD CRANES



The double girder overhead crane can be installed on traveling rails on the brackets of building pillars. The double rail type trolley runs along parallel girders suitable for larger capacity cranes, and also can utilize space below ceiling rafters, and so a wider lifting range is assured.



END CARRIAGE FOR SINGLE GIRDER LOW-HEAD CRANES



The low-head crane is suspended from the traveling rail (I-beam) which is fixed to the ceiling rafters of the building. Because the traveling rail location and span can be freely chosen, the crane can be designed to suit production line processes. The detaching design for the track wheel and its axle reduces installation and maintenance time.



Cranes

KITO JIB CRANE

Pillar Type

The pillar type jib crane is a stand - alone type equipped with a rotating jib system, which can be installed in any place, whether inside or outside of a building, by conducting simple foundation work.

Wall Type

The wall type jib crane is a wall - mount type equipped with a rotating jib system which can be installed on a wall or a pillar of a building. The I-Beam can rotate 180 degrees.



Available capacities: 250KG, 500KG & 1Ton & Available span: 3 Metres & 4 Metres



Notes :

Distributed by:

KITO

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