**Working together for success**

The concentration of our core competence in the area of hoists is in the consistent quest for innovation and the well-founded specialized knowledge of our employees which guarantees the safety and quality that only original KITO products can provide.

For KITO innovation does not always mean something that has never been heard of before. Innovation also means the continual, evolutionary enhancement of successful products which is focused on the customer’s immediate needs and on the changing requirements of the future. We work diligently on making our excellent products even better. For this reason KITO hoists have often redefined technology in their industry and this will always be the measure of KITO’s quality in the future.

Our fully developed inventory control system guarantees our customers optimum availability of our complete product range which is continually adapted to market needs. A comprehensive network of dealers and partners guarantees deliveries and the necessary on-site supply of replacement parts at any time. Complete product service is reliably managed by our support dealers which includes maintenance in accordance with accident prevention regulations, potential repairs and equipment installation. This is a partnership you can rely on.

*Extract from the publication: Wirtschaftsmagazin RUHR, July August 2009*

With each hoisting device, KITO offers its customers a perfect symbiosis of safety, functionality and reliability. An array of safety features and a wide product depth combined with the GS certification guarantees the user a long service life, high reliability, and minimal maintenance resulting in high cost-effectiveness. „Quite simply, the main issue“.
Impressive advantages ... ... that’s what really sets you apart from your competitors. KITO is the only manufacturer worldwide that nickel-plates its load chain. This process of surface coating does not involve gassing because the nickel surface is permeable to hydrogen molecules. Nickel is well known for its resistance to salty air, water, dilute acids and most lyes.

Nickel-plated load chains
Grade DAT (G80) in accordance with standard EN 818-7
Grade V (G100) in accordance with standard EN 818-7

Extract from the publication:
Hebezeuge Fördermittel 48/2008
Electric Chain Hoist
ER Series
Up to 20 t (larger capacities on request)

The New One
Durable, safe, operator friendly

Impressive advantages. KITO has focused on functionality in the development of the ER. This means that the robust and solidly built hoist can easily fulfill its role with the directional frequency inverter technology or 24-volt contactor control with no outward embellishment.

Based on a long-term test of capacity, the ER2 could be graded in FEM Class 3m. This applies to 5 models in total in the lower load-bearing range with frequency inverter and two stroke rates. Thus, the ER2 can now be used for double the service life, i.e. 3,200 hours under full load.

ER2-003IS
Hook suspension type
Dual lifting speed
10 years warranty on brake!
Standards:

> Inverter for dual speed
> 400 V / 50 Hz / 60 Hz
> Counter hour meter (CH-Meter)
> Ergonomic push button control
> Contactor control for single lifting speed
> Electromagnetic brake

> Upper / lower limit switch
> Canvas chain bucket
> Nickel-plated load chain grade DAT (G80)
  in accordance with standard EN 818-7
> Thermal protection
> Carbon friction clutch
Electric Chain Hoist
ER Series
Up to 20 t (larger capacities on request)

The New One
Durable, safe, operator friendly

Extract from the publication:
Maschinen-Technik 46/2008

Functionality and intrinsic values dominate. The hoisting device stands out particularly because of its large range, which gives the customer many choices. Load capacities from 125 kg to 20 t cover a broad range of applications. The diversity from the push trolley up to 5 t and use of the geared trolley or motor trolley up to 20 t gives the product the distinction of a universal hoisting device.

Source: Goldhofer AG, Memmingen

ER2-100S
Hook suspension type
Single lifting speed
Options:
> Geared trolley
> Plain trolley
> Motorized trolley
> Electric overload limiter
> Additional brake (mechanical)

> Radio remote control
> 500 V / Contactor control
> 230 V / 50 Hz / 60 Hz, 3 PH
> Level limiter for lift / lowering
> Acoustic Overload signal

**ER2M100S-L**
With motorized trolley MR2
Single lifting and single traversing speed

**ER2SG075S**
With geared trolley TSG
Single lifting speed
Extract from the publication: 
*Hebezeuge Fördermittel 49/2008*

…. Thanks to its light weight of 12 kg and load-bearing capacity of 100 kg, it can be moved to different locations quickly and easily. The aluminum gear casing is weather and rust-resistant. Work process can be optimized using the variable speed settings in the precision hoist.

…. Safety-relevant features include a high-performance mechanical brake with friction clutch and an upper limit switch.
**Standards:**
- Upper limit switch
- Quick release bottom hook for EDC
- Preselected lifting speed
- Chain spring for ED48
- Single or dual lifting speed

**Options:**
- Plain trolley TMH2S
- Chain bucket up to 70 m
- Radio remote control

**EDC24SD**
- Cylinder control type
- Dual lifting speed

**ED48S**
- Hook suspension type
- Single lifting speed
Lever Hoist
LB Series
Up to 9 t

The Original
Constantly improved

Extract from the publication:
Technik + Schifffahrt 5/2009

The height has been reduced in comparison to conventional ratchet hoists, so that it can be used easily in confined spaces. The KITO ratchet hoist model LB also stands out due to its unique chain free-wheel mechanism with load fall protection, robust and ergonomic lever, a nickel-plated load chain with long service life, hook closure with safety device, reliable brake and lightweight compact design.
**Standards:**

> Freewheel safeguard  
(Not LB without freewheel mechanism)
> Quad riveted bottom hook
> Nickel-plated load chain Grade V (G100)  
in accordance with standard EN 818-7

**Options:**

> With friction clutch LB-OLL
> Without freewheel mechanism LB-OF
> Overload signal LB-LOS
> Wire rope clip
> Shipyard hook

Where dynamic forces can occur, KITO recommends the LB-OF  
without freewheel mechanism
Lever Hoist
LX Series
250 kg and 500 kg

The Small One
Operation in limited space

Extract from the publication:
KEM Sonderheft 6/2009

Light ratchet hoist. They are predominantly used where delicate parts need to be joined together in tight spaces.

...A further advantage is the small, fine-tolerance load chain. For example, the LX003 has a 250 kg load capacity and a chain diameter of just 3.2 mm which provides efficient and smooth operation. Moving the lever produces a hoist movement of around 2 mm per click. The hand lever is 150 mm long, which means this device can prove itself even when there is no room at all.
Manual Chain Hoist
CX Series
250 kg

The Light One
Small and compact, robust and shockproof

Extract from the publication:
Material Handling 2/2009

As small as a beer coaster. At just 2.4 kg in weight, 217 mm size and with a load capacity of 250 kg, the KITO manual chain hoist CX003 is unmatched as one of the smallest and lightest chain hoists around. The body is made of aluminum and has counter-sunk screws. The manual chain hoist is equipped with overload protection as standard.
Manual Chain Hoist  
CB Series  
Up to 50 t

The Robust One  
Simplicity, durable and reliable

Extract from the publication:  
Handling 3/2009

For special uses, KITO CB series manual chain hoists have a shock-resistant gear casing, double ratcheted spring, precision gears and double casing to protect against dust and water, secure and reliable mechanical brake, load chain guide and a nickel-plated load chain with long service life. They are impressive because they are reliable, durable and easy to use. A range of load-bearing capacities from 500 kg to 50 t, even up to 100 tons with special designs, facilitates a broad variety of applications for these manual chain hoists.

...The load chain has a break strength of 1,000 N/mm² and corresponds to quality grade V.
Standards:

Options:
- Geared trolley
- Plain trolley
- Canvas chain bucket
- Overload limiter

www.kito.net
Manual Chain Hoist
CF Series
Up to 3 t

The Classic One
Functional and maintenance friendly

Extract from the publication:
Hebezeuge Fördermittel 48/2008

The complement to the CB is the CF manual chain hoist; the difference being in the robust, sealed and light aluminum casing. The special range of applications is also due to this. The CF is predominantly used in applications using aggressive media and in construction applications. The modular design is also an essential plus for this manual chain hoist variation, i.e. the load capacity extension from 1.5 to 3 tons.
Trolleys
The Mobile One
Universal trolleys
Standard: rubber bumper, lugs

Plain trolley TSP 125 kg - 3 t
Plain trolley TSP 5 t
Geared trolley TSG 125 kg - 3 t
Geared trolley TSG 5 t - 20 t
Motorized trolley MR2 125 kg - 20 t
Short Head Block SHB 1 t - 5 t
Extract from the publication: Logistik Journal 4/2009

When every centimeter counts: chain hoist from KITO. The SHER2M electric chain hoist is in demand when it comes down to every centimeter.

... A special low headroom design facilitates variable use. Important: the load can be carried up to in front of the beam. The SHER2M fulfills diverse tasks with frequency inverter technology or 24-volt contactor control. The device can be adjusted to the specific transport or production process required.
**Electric Chain Hoist**

**ER Series**

Up to 5 t

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**The Long One**

Secure and synchronous lifting

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Extract from the publication: *dima 4/2009*

Synchronous motion cycles in one hoist. The TWER2M double hook electric hoist is ideal wherever loads must be kept horizontal or you need to lift and lower loads simultaneously: It is primarily designed for rolled profile girders and is used especially to handle long goods, such as pipes and profile rods, etc. The hooks can be spaced according to the long goods and to customer specifications.

The developers at KITO stress that the operator does not need to guide the load manually. Frequency inverter operation takes care of this, allowing loads to be positioned gently with pinpoint accuracy.

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Extract from the publication: *dhf intralogistik 11/2008*

...... It is equipped with double load chain gear, which keeps the chain synchronous. This saves the customer from buying two chain hoists, as this task is normally affected with two hoists running synchronously. This technical configuration gives KITO a unique selling point - from both a technical and pricing perspective.