



Compact, Light,
and Tough Frame
for Heavy Duty Applications

KITO LEVER HOIST

Model L5



It's NEW!

*Two new capacities complete
the 7-capacities Lever Hoist lineup.*

New KITO LEVER BLOCKS™ Are More Powerful, to Meet Field Needs

Kito's innovative engineering has produced the new LEVER BLOCKS much smaller and lighter.

Safety, operability, and ruggedness are the top priorities so that the new LEVER BLOCKS perform well in the toughest field conditions.

Designed for all of the applications in the professional field such as transportation, bridge, general construction, civil engineering, shipbuilding, and forestry.

Kito's original free chain adjusting mechanism greatly improves the working efficiency.



KITO LEVER HOIST
Model L5

Much Lighter and Tougher, the New Kito LEVER BLOCKS Model L5

Advantages of the L5

Smaller and lighter

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 a narrow working spaces.

Comparison of Model L4 and Model L5 (%-base)

Type	L4	L5	L4	L5	L4	L5	L4	L5
	008	008	015	016	030	025	030	032
Mass (Net weight)	-8.1	-16.7	-27.7	-3.2				
Length of lever	-7.5	-36.1	-36.1	±0				
Height of Lever Block	-5.9	-6.5	-11.3	-2.3				
Minimum Headroom (distance) between hooks	±0	-4.3	-10.7	-6.0				

Nickel-plated chain

Kito's unique R&D produces world-class performance. The grade 100 (1000N/mm²) chain, made from a special high strength alloy, features an unbeatable combination of toughness and resistance to corrosion & wear. (For special environments consult your Kito distributor since corrosion resistance varies depending on corrosives involved)

High-strength frame

High grade alloy steel with solid construction, a patented induction hardening process on the load-supporting part, and increased material thickness produces an extremely strong and rigid frame.

Lever Handle

A new shape and thicker material creates a very strong lever handle.

Hook Latch with safety mechanism



Thicker material makes the latch stronger, and engagement with the tip of the hook creates secure closure.

Hooks

Hooks are forged from high strength alloy steel allowing the larger capacities – 2 1/2 through 9 ton – to use hooks that are smaller and lighter.

Cap Nuts



Cap nuts fasten the gear case and brake cover protecting the screw from damage and making maintenance easier.



Far smaller and lighter than previous models, but much stronger.

Height
-6.5%*

Mass
-16.7%*

Length
-36.1%*

Headroom
-4.3%*

*Based on comparison of Model L4 1.5t to Model L5 1.5t.

Kito's Original Free Chain Adjusting mechanism

Use the Free Knob to quickly and easily adjust the chain. Unique design safeguards against inadvertent freewheeling under load.



Pull the knob



Adjust the chain

Reliable Brake (mechanical brake)

Delivers positive performance thanks to a brake design incorporating two moisture-resistant asbestos-free brake pads and four braking surfaces. Includes two brake pawls for added reliability.

Kito Load signal (Overload detection device): Option

Alerts the operator when hoist is used to lift loads beyond rated capacity. Alert is indicated by green signal changing to red, handle deflecting 15-degrees, and an audible click.



Bottom Yoke with protecting guard

Features a guard protecting the chain pin & nut from damage, enhancing safety.



Capacities range from 0.8 to 9 tons with 2 new capacities that expand the
Choose the one that best suits your application.



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).

product lineup to 7.



Special Fixture for Wire Rope

KITO CLIP

Kito Clip is a fixture for wire rope developed for combined use with a Lever Block or Chain Block. It's easy to use and economical.



Features:

- Can be fixed easily in any location along a wire.
- Wire is firmly gripped by simply inserting the wire into the frame and pulling.
- Features a special groove that protects the wire.
- Economical and versatile.



Application examples:

- Horizontal pulling of load
- Logging in mountains
- Uprooting (stump pulling)
- Horizontal pulling of machines

Specifications and Dimensions

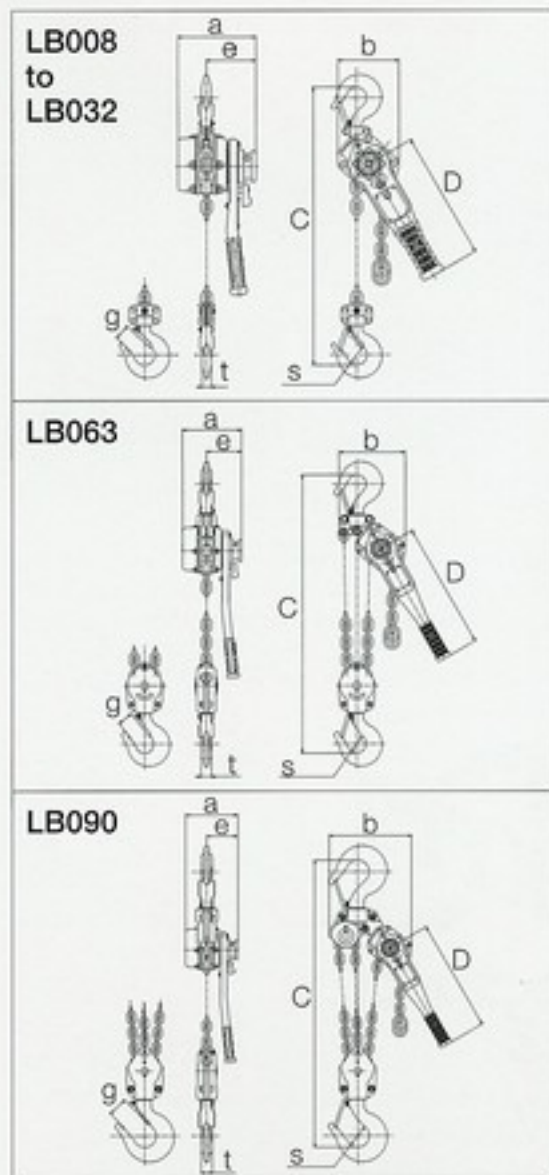
Rated load (W.L.L.) (t)	Code	Applicable wire rope diameter (mm)	Mass (Net weight) (kg)	Cam dimensions (mm)		
				a	b	c
0.75	KC100	8 to 10	0.9	34	16	10.5
1.5	KC140	12 to 14	2.0	42	19	15.5
3	KC200	16 to 20	4.8	48	20	18

•Kito Clip is not designed as a fixture for slinging.

Specifications and Dimensions

Rated load (W.L.L.) (t)	(t)	0.8	1	1.6	2.5	3.2	6.3	9
Code		LB008	LB010	LB016	LB025	LB032	LB063	LB090
Standard lift (m)	(m)	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Hand-pull to lift full load (N) [kg]	(N) [kg]	284 [29]	353 [36]	333 [34]	363 [37]	363 [37]	372 [38]	382 [39]
Load chain diameter x chain fall (mm)	(mm)	5.6x1	5.6x1	7.1x1	8.8x1	10x1	10x2	10x3
Test load (kg)	(kg)	1200	1500	2400	3800	4800	7900	11300
Mass (Net weight) * (kg)	(kg)	5.7	5.9	8	11.2	15	26	40
Shipping weight (Approx.) (kg)	(kg)	6	6.2	8.3	11.6	16	27	42
Weight for additional one meter of lift (kg)	(kg)	0.7	0.7	1.1	1.7	2.3	4.7	7
Dimensions (mm)	a	144	144	159	173	190	190	190
	b	119	119	126	150	159	217	304
	C	280	300	335	375	395	540	680
	D	245	245	265	265	415	415	415
	e	97	97	100	102	112	112	112
	g	23.5	29	32	36.5	39	50	72.5
	s	35.5	42.5	42.5	47	50	60	85
	t	14	15	19	21	24.5	34	41.5

- The load-lifting height can be set according to the user's application. However, no addition to the chain to increase the length is possible as Kito chains are heat treated.
- When ordering, specify the length of chain in advance or consult your local Kito distributor.
- Lever Blocks with Kito Load signal (overload detection unit) are also available.
- * The mass(Net weight) is for the standard load-lifting height.



Extremely compact, lightweight,
portable design for ease of use in elevated work positions.
Small hand-pull force for highly reliable pulling and lifting to the last click.



LX003
250kg

LX005
500kg

Net weight of just
1.6kg!

(LX003)

Perfect Fastening

KITO LEVER BLOCK™ **LX** Series 250kg/500kg



Reliable load-holding performance

The LX series, designed with a single-step reduction gear, is characterized by a small manual fastening force and assured load holding. Reliable load fastening can be provided to the last clicking of the lever.

Extremely compact and light

Kito's innovative technology makes the LX series extremely compact and light. It's very easy to carry, and easy to use, even in tight quarters or in elevated work locations. What's more, it can be conveniently stored in a special carrying case (LX003 only).

Nickel-plated chain

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Load fastening

Tension

Lifting/lowering

Anchoring

Positioning

Distortion
correction

Alignment of
structures

Other load
handling

Features and performances of all the products described in this catalogue are designed for their own intended purposes.
KITO will not be held liable for any malfunction, lack of performance or accident if the product is being used in conjunction with any other equipment.
If the product is to be used for unintended purposes, please confirm with your dealer in advance.

All specifications herein are subject to change without notice.

KITO

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