

KITO CORPORATION

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Development and Launching of “KITO Electric Chain Hoist EQ”

Targeting every global market, KITO Corporation, a specialized manufacturer of hoists and cranes (headquartered in Nakakoma-gun, Yamanashi, Yoshio Kito, President), would like to announce initial marketing of “KITO Electric Chain Hoist EQ” in some overseas markets, which has been developed based on a whole new design concept by reviewing a product development process with a clean slate. (Domestic marketing not yet determined)

As a leading company in the industry, KITO has made utmost efforts in research and development day after day and accumulated plenty of know-how so as to constantly deliver satisfactory products to the customers.

All models of “KITO Electric Chain Hoist EQ” are provided with inverters. By making maximum use of the functions and characteristics of the inverter such as changing mechanical control to electric control, the hoist body has been designed light-weight and compact, keeping its conventional rigidity and high functions. With the number of maintenance required parts greatly reduced by consolidating the functions into the inverter, the product will contribute to the customer’s higher safety and productivity.

In addition to the safety functions such as an electronic overload limiter, friction clutch, upper-lower limit switch, and so on, a no-load high-speed function is provided to improve work efficiency. Push buttons have been newly designed, making a fresh departure from the conventional chain hoists.



1) Name of new product

KITO electric chain hoist EQ

2) Timing of marketing

January 2012 Marketing started in Europe

April 2012 Marketing scheduled to be started in China

* The product will be marketed gradually in other markets from fiscal year 2012.

3) Major features

(1) Functionality

The dual speed inverter inhibits vibrations of the load, realizing smooth movement. The “no-load high-speed function” is provided to allow a no-load operating speed 1.3 times faster than high-speed operation.

Rich functionality ranging from easy handling to higher work efficiency.

(2) Safety

The product is provided with the electronic OLL (overload limiter), friction clutch (mechanical overload preventive device) and upper-lower limit switch, pursuing safety with a triple safety function.

(3) Maintainability

The number of parts has been reduced by consolidating the functions into the inverter. The number of maintenance required parts has been also minimized, realizing economic advantages such as efficient maintenance work and fewer replacement parts.

(4) Operability

The uniquely designed push button switches lie comfortably in your hand to contribute to higher work efficiency and productivity. Compared with the conventional push button switches, new ones can be operated with less pushing force to free you from fatigue even after long-time operation.



4) Product lineup

There are four models available; 125 kg, 250 kg, 500 kg and 1 ton.

Capacity	Model	Standard Lift	Standard Push Button Length	Lifting Speed (m/min.)			Motor Output	Intermittent Rating	Estimated Mass (3 m Lift)
				High	Low	No-load High-speed			
125 kg	EQ001IS	3 m	2.5 m	17.0	2.8	22.1	0.5 kW	40/20 %ED	30 kg
250 kg	EQ003IS			10.0	1.7	13.0			
500 kg	EQ005IS			7.6	1.3	9.9	0.75 kW		32 kg
1 t	EQ010IS			7.1	1.2	9.2	1.5 kW		42 kg

5) Price

Open price

6) Contact for this subject

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