

ER2

HEAVY DUTY ELECTRIC CHAIN HOIST

KITO®

Engineered to endure.

The ER2 electric hoist is designed for peak performance—even on the toughest jobs in the toughest conditions. Its quiet operation and minimal vibration lowers workplace noise pollution, helps reduce worker fatigue, and extends the life of the hoist. Practical durability at its best, the ER2 lets you get the job done safely and worry-free.

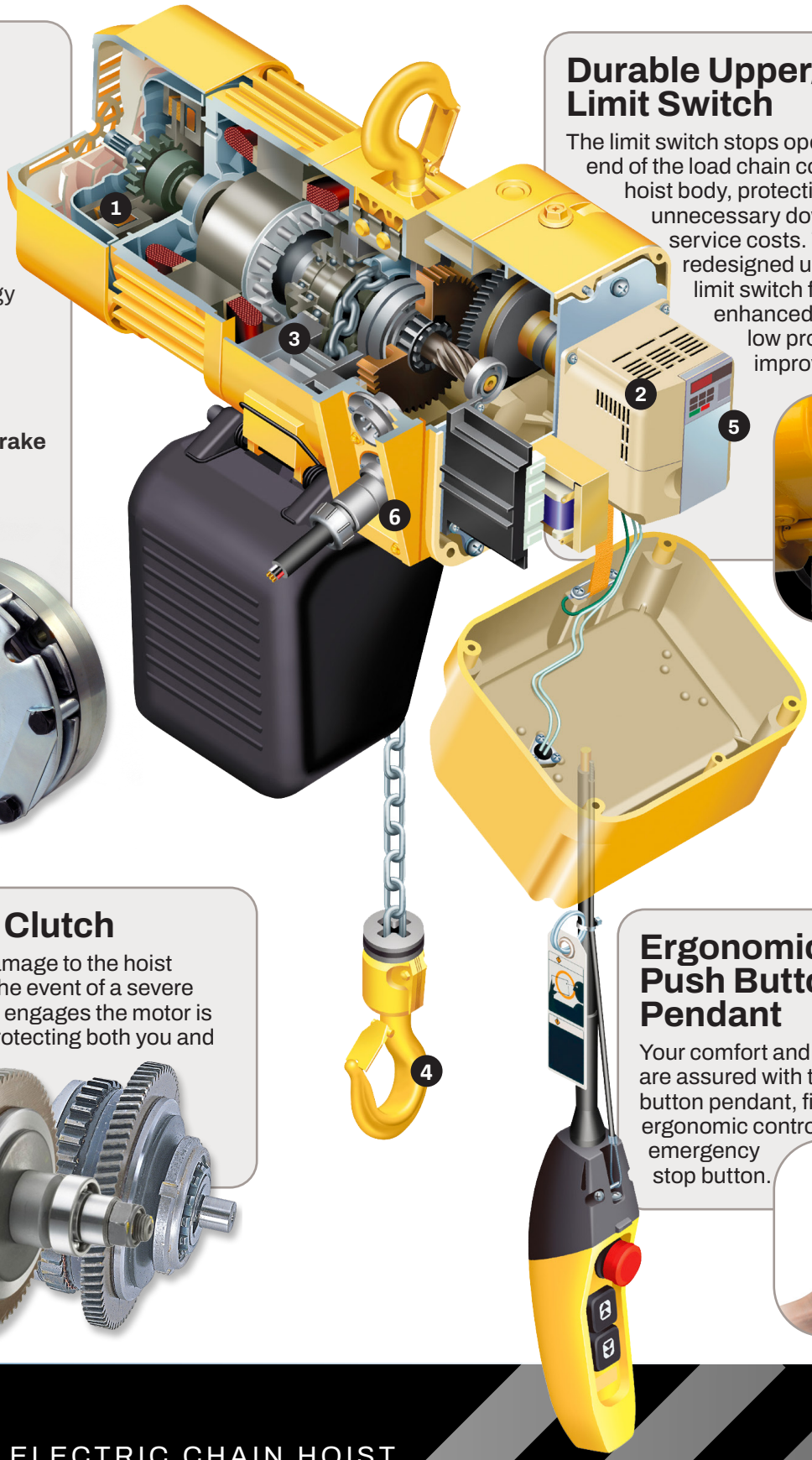
Fail-Safe Brake

Kito's DC-current brake design reduces maintenance costs by eliminating drag at start and responding immediately at stop. This also places less torque on the motor, providing extremely quiet and smooth operation. Unlike voltage brakes, the advanced technology used in Kito's DC-current brake protects you from hoist failure in the event of motor burnout or single-phasing.

- **10 year/2,000,000 cycle brake warranty**
- **No adjustment needed**
- **Electrical failsafe design**

10 Year Brake Warranty





Durable Upper/Lower Limit Switch

The limit switch stops operation if either end of the load chain contacts the hoist body, protecting against unnecessary downtime and service costs. The ER2's redesigned upper/lower limit switch features enhanced durability and low profile design for improved headroom.



Long Life Friction Clutch

The friction clutch prevents damage to the hoist by automatically engaging in the event of a severe overload. When the slip clutch engages the motor is allowed to continue turning, protecting both you and the hoist.

Ergonomic Push Button Pendant

Your comfort and safety are assured with the push button pendant, fitted with ergonomic controls and an emergency stop button.



Features

1 Extreme Duty TEFC Motor

Equipped with thermal overload protection and cooling fins on all four sides of the motor housing, the ER2's totally enclosed fan-cooled motor (TEFC) efficiently dissipates heat, allowing for industry-leading duty ratings.

2 Adjustable Dual Speed VFD

Kito's 220 V and 440 V two-speed ER2 hoists come with a standard "under-the-cover" variable frequency drive. This device works by varying the power to the motor, allowing you to adjust both the high and low speeds. The VFD also adds soft-start/soft-stop operation to reduce shock loads, swing and bounce, giving you more precise load control and increasing the life of the hoist.

3 Improved Load Chain & Load Sheave

The ER2 uses Kito's world-class, super-strength chain. Its shorter and narrower link profile allows for greater surface area contact, giving it better wear resistance and overall tensile strength. The shorter chain link also allows for more pockets on the load sheave, reducing vibration and allowing for smoother operation.

4 Forged Carbon Steel Hooks

Engineered to open gradually and not fracture under excessive loads, the forged carbon steel hook features a notched tip which interlocks with the safety latch for increased durability. These features allow for easy pre-use inspection of the hooks, enabling you to operate the hoist with confidence.

5 Standard Count Hour Meter

The count hour meter records the hoist's starts and run time. This gives maintenance personnel an accurate record of the hoist's operating profile, letting them customize its maintenance schedule to optimize the hoist's life and improve workplace safety.

6 Quick Connect Plugs

The ER2's locking quick connect plugs allow for easy installation and maintenance. All electric cords connecting the hoist to the pendant, power supply, and optional motorized trolley are fitted with durable, CSA approved quick connect plugs.

Mounting options available for the **ER2** hoist



Top Hook Mount



Geared Trolley Mount



Plain Trolley Mount



Motorized Trolley Mount

Specifications

Safety Standard: ASME B30.16
Hoist classification: ASME H4
Electrical certification: CSA
Performance standard: ASME HST-1
Environmental protection: IP55

CONTACT YOUR NEARBY
KITO DISTRIBUTOR

KITO®

All other specifications, dimensions, and drawings are available at **www.kito.ca**
Please call **1 888 322 KITO (5486)** for more information or assistance

WESTERN CANADA

309-3815 1ST AVE
BURNABY, BC
V5C 3V6

EASTERN CANADA

4-3660 ODYSSEY DR
MISSISSAUGA, ON
L5M 0Y9

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