

LR ELECTRIC CHAIN HOIST

Our new LR chain hoist is built to last, with features that make your job easier. Built smart with the toughness, precision and reliability of our Core of Lifting components, it is designed and tested for more than a million operations over the designed working period of the hoist. As one of the most economical hoists available in the market and a broad range of standard features, the LR hoist brings you industry-leading value to performance ratio. It is everything you want and need for efficiency, safety and productivity.



RISE ABOVE™

LR ELECTRIC CHAIN HOIST

The LR chain hoist features a reimagined motor design that runs cooler so it can run longer, making your business more productive. Innovative technology and optimized mechanics take reliability to a whole new level.



LR ELECTRIC CHAIN HOIST STANDARD FEATURES

- 1/8 - 2 ton (125 - 2000 kg) capacities
- Zinc plated and case-hardened load chain (DAT) 10, 15 and 20 ft (3, 4.5 and 6 m) standard lift heights
 - Additional lift available in 1 ft or 1/2 m increments
- U-shaped bracket suspension connects to a wide range of trolley types for monorails, enclosed track or other fixing points
- Two-speed hoist controls (4:1 speed ratio) - available for various power supplies
- Single speed hoist controls - available for 460V-3Ph-60Hz power supply only
- Upper and lower electrical limit (micro) switches
- Torque-limiting slip clutch device for hoist overload protection
- Plug-in pushbutton pendant with E-stop button
- Indoor use - operational temperature with rated load and speed: -4°F to 104°F [-20°C to 40°C]
- Durable, injection-molded chain container is included



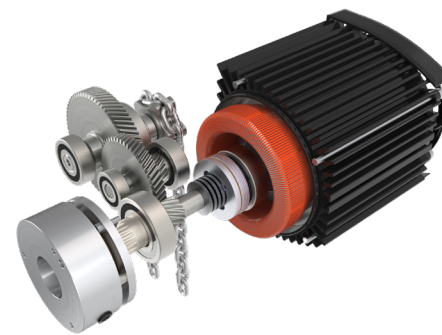
Built-In Overheating Protection

Highly efficient motor fan and large motor fins ensure constant airflow and optimum motor cooling.



Geared Up for Performance

Helical gearing for quiet and efficient operation, gearbox lubrication designed to last for the safe working period of the hoist - enhancing performance and reducing maintenance downtime.



Patented Slip Clutch Design

Patented design protects against overloading, enables easy access for service and adjustments and provides outstanding safety and reliability.



Safe & Efficient Braking

Safe brake position prevents hook slippage, and optimized torque reduces shock loading and stress on gearing - leading to long service life for lower-cost operation.



Optimized Chain Drive

Featuring rugged, case-hardened chain for long service life, even in high duty-cycle applications, and 5 or 6 pocket chain wheel options for smooth operations. Safe and reliable upper and lower limit switches included as standard.



WELCOME TO THE NEXT GENERATION OF CHAIN HOISTS

With its rugged, efficient and innovative design, the LR electric chain hoist is built to last, offering outstanding value. Every feature has been engineered to provide efficiency and safety at an economical price point. From our innovative design and rigorous testing, to the ease of installation and operation, the LR electric chain hoist brings more power for your lifting.

- Rugged, innovative design offers outstanding price-to-performance ratio
- Revolutionary U-shaped top suspension bracket design that works as a hook or lug mounted connection and reduces the headroom of the hoist
- Rugged, case-hardened chain and precision-made chain drive system increase chain life and reduce maintenance costs
- Built-in overheating protection prevents damage to critical components

VERSATILITY FOR INDUSTRIAL APPLICATIONS

Compact headroom, a suspension bracket and a range of other features make LR chain hoists easily adjustable to your specific workstation needs.

Manual or Motorized Beam Trolleys

- Adjustable for flange widths of 2.28 in - 12.20 in (58 mm - 310 mm)
- Smooth rolling manual trolley for ease of movement
- Reliable motorized trolley travel in two-speed or inverter driven control types for maximum operator comfort
- Optional travel limit switch available

Installation Made Easy

The LR chain hoist's innovative U-shaped suspension bracket can be used as a lug mounted or hook connection, making installation fast and easy – no special tools are needed.

- Safe and secure locking pins
- Compatible with a large variety of trolleys and fixed suspension applications
- Hoist remains perfectly balanced
- Low headroom design

SAFETY FEATURES

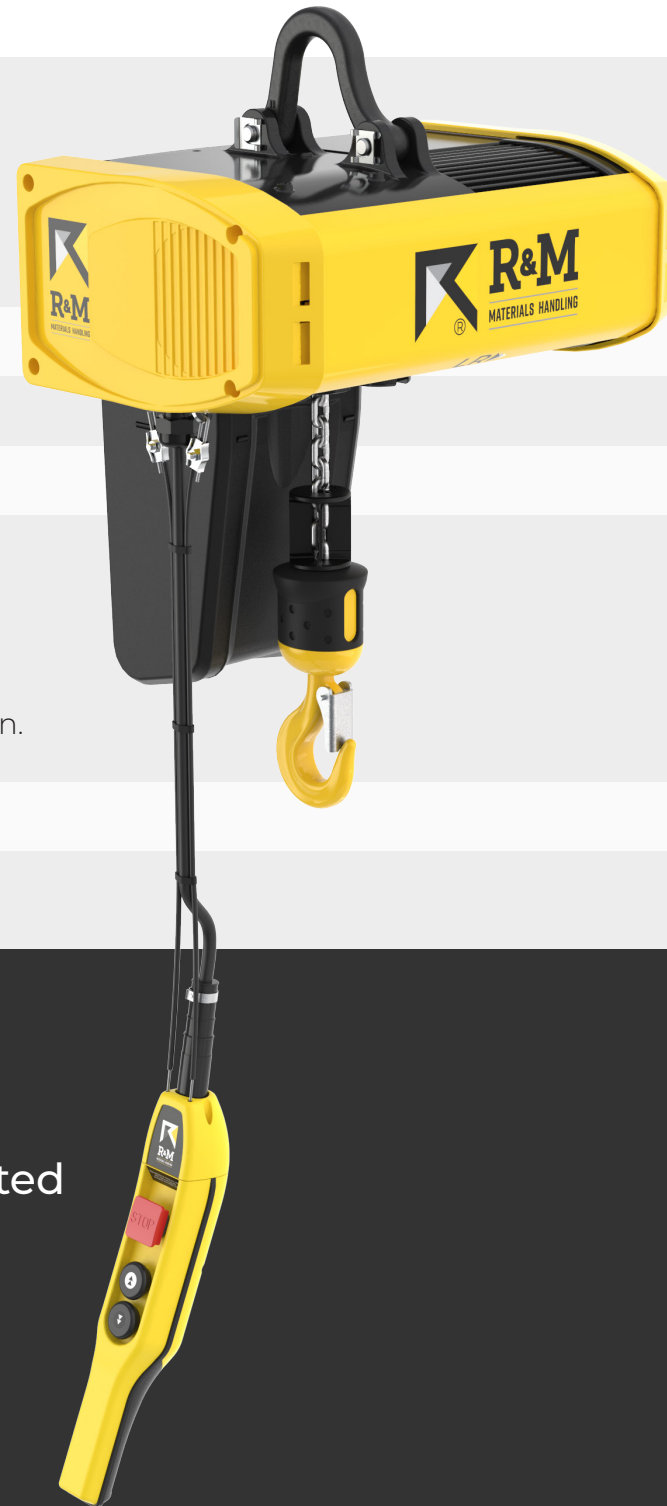
Safety is critical to any industrial operation. Upper and lower limit switches keep you safe and protect your equipment by preventing overtravel of the hook and chain. The LR hoist also comes with order-specific parts, maintenance and safety manuals, so you won't have to guess whether you are following the correct guidelines.

INNOVATIVE PERFORMANCE WITH EASY SERVICE

- Gearbox lubrication that's designed to last
- Plug-and-play electrical components
- Easy-to-access service and inspection points
- Improved chain life with case-hardened DAT chain

HIGH-PERFORMANCE MOTOR

- Heavy duty type 60% ED (CDF) rating (exceeds 30 min. rating) on three-phase motors
- IP55 protection; Class F Insulation
- 4:1 speed ratio for precision load handling



Our LR hoists are factory load tested at 125% of the rated capacity and have a patented slip clutch design that protects against overload.



LOAD WHEEL

LR hoists are fitted with a unique patented chain drive system featuring a precision-cut 5- or 6-pocket load wheel to reduce stress and maintenance needs on the chain. This makes the hoist motion smooth and quiet when operating and works with case-hardened chain to reduce chain wear.

FRAME SIZES & CAPACITY RANGES

Capacity Range - Tons (kg)	Frame Size	Chain Falls
1/8 - 1/4 ton (125 - 250 kg)	LR02	1
1/4 - 1/2 ton (250 - 500 kg)	LR02	2
1/8 - 1/2 ton (160 - 500 kg)	LR05	1
1/2 - 1 ton (500 - 1000 kg)	LR05	2
1/2 - 1 1/4 ton (500 - 1250 kg)	LR10	1
1 1/4 - 2 ton (1250 - 2000 kg)	LR10	2



RISE ABOVE WITH R&M MATERIALS HANDLING, INC.

R&M has been innovating since 1929. With our heritage of innovation, our wire rope and chain hoist products have consistently set the crane industry norms. Our cutting-edge solutions will help you to rise above your material handling challenges. You deserve the best performance possible; let us help you achieve it!

R&M Materials Handling, Inc. may alter or amend the technical specifications identified herein at any time with or without notice.
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