

Electric Chain Hoist with Trolley - High-Efficiency Lifting Solution

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The Electric Chain Hoist with Trolley is an integrated lifting equipment designed to deliver reliable, efficient, and flexible material handling across various industrial scenarios. Combining a high-performance electric chain hoist with a smooth-moving trolley, this product eliminates the limitations of fixed lifting points, enabling horizontal traversal along I-beams or gantry rails while ensuring precise vertical lifting. Whether for heavy-duty manufacturing, warehouse logistics, or construction sites, it stands as a cost-effective solution to enhance workflow productivity and operational safety.

Electric Chain Hoist with Trolley Core Features & Advantages

- **Precision Lifting & Traversal:** Equipped with a variable-speed motor and a precision-engineered trolley system, the hoist offers stepless speed adjustment for lifting/lowering and smooth horizontal movement. This ensures accurate positioning of loads (even fragile or bulky items) without sudden jolts, reducing material damage risks.
- **Durable & Heavy-Duty Construction:** The hoist body is made of high-strength cast iron and reinforced steel, while the load chain adopts heat-treated alloy steel (grade 80 or 100) with excellent wear resistance and tensile strength. The trolley features anti-derailment rollers and corrosion-resistant coatings, ensuring long-term operation in harsh environments (temperature range: -20°C to 40°C).
- **User-Friendly Operation:** Comes with a lightweight, ergonomic pendant controller (with a 3-5m cable) or optional wireless remote control, allowing operators to stand at a safe distance (up to 50m for wireless) while controlling all functions. The controller is IP54 rated for dust and water resistance, suitable for indoor/outdoor use.
- **Comprehensive Safety Protection:** Integrated with multiple safety mechanisms, including overload protection (automatically cuts off power when exceeding 110% of rated load), emergency stop button, upper/lower limit switches (prevents over-hoisting/over-lowering), and thermal protection (protects the motor from overheating). These features comply with CE, ISO, and OSHA safety standards.

- **Easy Installation & Maintenance:** The trolley is designed for quick mounting on standard I-beams (flange width: 80-200mm, adjustable), requiring no complex on-site modification. Removable side panels and modular components simplify routine inspections, lubrication, and part replacement, minimizing downtime.

Technical Specifications

Parameter	Specification
Rated Load Capacity	0.5T - 20T (customizable for special needs)
Lifting Height	3m - 30m (extendable)
Lifting Speed	Single speed: 0.8 - 5 m/min; Double speed: 0.4 - 8 m/min
Trolley Travel Speed	5 - 20 m/min (adjustable)
Power Supply	3-phase 380V/50Hz, 220V/60Hz (customizable)
Trolley Type	Manual push trolley / Electric powered trolley
Protection Class	IP54 (motor), IP44 (controller)
Net Weight	35kg - 500kg (varies by load capacity)

Electric Chain Hoist with Trolley Application Areas

This Electric Chain Hoist with Trolley is widely used in:

- Automotive manufacturing (lifting engines, body frames)
- Warehousing & logistics (loading/unloading goods, pallet handling)
- Steel mills & metallurgy (moving metal ingots, coils)
- Construction sites (hoisting building materials, tools)
- Workshops & assembly lines (precision component positioning)
- Shipyards & ports (light to medium load handling)

Customization Options: We offer tailored solutions based on your specific needs, including special voltage configurations, explosion-proof designs (for hazardous environments), longer lifting heights, and custom trolley rail compatibility. Contact our sales team for a personalized quote!

After-Sales Service

We provide a 12-month warranty for the entire product (excluding wearable parts like chains and rollers). Our global service network offers timely technical support, on-site maintenance, and spare parts supply. Additionally, we offer free operator training to ensure safe and proper use of the equipment.

（注：文档部分内容可能由 AI 生成）