

5 Tons Electric Cable Hoist

Original link: <https://www.weihualargecrane.com/electric-hoist/5-tons-electric-cable-hoist/>

5 Tons Electric Cable Hoist: High-Performance Lifting Equipment for Industrial & Commercial Needs

An 5 tons electric cable hoist is a game-changing lifting solution designed to simplify heavy-load operations across industries. Combining power, precision, and safety, this equipment eliminates the inefficiencies of manual hoisting while delivering reliable performance for both light and heavy-duty tasks. Whether you're lifting machinery in a factory, loading cargo in a warehouse, or handling materials at a construction site, an 5 tons electric cable hoist streamlines workflows and reduces labor costs—making it an indispensable tool for modern businesses.

What Is an 5 Tons Electric Cable Hoist?

An 5 tons electric cable hoist is a motor-driven lifting device that uses a strong steel cable (or wire rope) to raise, lower, or position heavy objects. It consists of a motor, gearbox, cable drum, suspension system (hook or trolley), and control unit (manual or remote). Unlike manual hoists that rely on physical effort, 5 tons electric cable hoists leverage electric power to handle loads ranging from a few hundred pounds to several tons, ensuring consistent lifting speed and force.

Key variations include fixed 5 tons electric cable hoists (for stationary lifting points) and portable 5 tons electric cable hoists (for on-the-go applications). Heavy-duty 5 tons electric cable hoists are engineered for industrial settings, while compact models suit small workshops or commercial spaces—offering versatility to match diverse user needs.

Core Advantages of Our 5 Tons Electric Cable Hoist

1. Exceptional Lifting Capacity & Efficiency

- Handles loads from 0.5T to 50T+ to accommodate light commercial and heavy industrial tasks.
- Variable lifting speeds (0.5m/min to 10m/min) allow precise control for delicate or time-sensitive operations.
- Reduces labor time by up to 70% compared to manual hoisting, boosting overall productivity.

2. Superior Safety Features

- Built-in overload protection prevents damage from exceeding weight limits, safeguarding personnel and equipment.
- Emergency stop button and anti-fall brake system ensure immediate shutdown in case of malfunctions.
- High-strength steel cable with corrosion resistance and wear resistance for long-term reliability.
- CE, ISO, and OSHA certifications meet global safety standards for peace of mind.

3. Easy Operation & Versatility

- Intuitive control panel or wireless remote (up to 50m range) enables one-person operation, even from a distance.
- Compatible with overhead cranes, jibs, or fixed beams for flexible installation in factories, warehouses, construction sites, and shipyards.
- Low maintenance design with sealed motors and durable components reduces downtime and repair costs.

4. Energy Efficiency

- High-efficiency motors reduce power consumption by 15-20% compared to standard models, cutting operational expenses.
- Compact and lightweight design (for portable models) allows easy transportation and storage without sacrificing performance.

5 Tons Electric Cable Hoist Technical Specifications

Item	Specification
Model	ECH-5T
Rated Load	5 Tons
Lifting Height	3-20m (Customizable up to 30m)
Lifting Speed	3m/min (Dual-speed option available)
Motor Power	3.0kW
Voltage/Frequency	380V/50Hz (Customizable for global markets)
Cable Diameter	12mm High-strength Steel Cable

Cable Length	Matched with lifting height
Net Weight	210kg
Control Mode	Wireless Remote (50m range) + Manual Panel
Safety Features	Overload Protection, Emergency Stop, Anti-fall Brake
Certification	CE, ISO, OSHA

Ideal Applications for 5 Tons Electric Cable Hoists

Our 5 tons electric cable hoists are tailored to thrive in various environments, including:

- **Industrial Manufacturing:** Lifting and positioning machinery, raw materials, and finished products on assembly lines.
- **Warehousing & Logistics:** Loading/unloading pallets, containers, and heavy cargo from trucks or storage racks.
- **Construction:** Hoisting steel beams, concrete blocks, tools, and equipment to high-rise job sites.
- **Automotive:** Handling engines, transmissions, and large vehicle components during assembly or repair.
- **Marine & Shipbuilding:** Lifting parts, supplies, and equipment on docks or ships.
- **Workshops & Garages:** Light to medium-duty lifting for maintenance, repair, or fabrication tasks.

Why Choose Our 5 Tons Electric Cable Hoist?

We prioritize quality, durability, and user satisfaction in every 5 tons electric cable hoist we manufacture. Here’s what sets us apart:

- **Premium materials:** High-grade steel cables, robust motors, and corrosion-resistant components for long service life.
- **Customizable options:** Choose from different load capacities, lifting speeds, voltage (110V/220V/380V), and control types (manual/remote) to fit your needs.
- **Expert support:** Our team provides installation guidance, maintenance tips, and prompt after-sales service to ensure smooth operation.
- **Competitive pricing:** Cost-effective solutions without compromising on performance or safety.

Invest in Reliable Lifting Power Today

Whether you need a heavy-duty 5 tons electric cable hoist for industrial operations or a compact model for commercial use, our products deliver the strength, safety, and efficiency you need to get the job done. Say goodbye to manual labor fatigue and hello to streamlined, cost-effective lifting—choose our 5 tons electric cable hoist for your next project.

Contact us now to request a custom quote, learn more about technical specifications, or find the perfect 5 tons electric cable hoist for your application!

（注：文档部分内容可能由 AI 生成）