



10 ton Electric Chain Hoist w/ Power Trolley Variable Speed Trolley 208~240V / 440~480V 3Ø 60HZ 40ft G100 Nickel Duty H4/M5

Key features

- Load Capacity: 10 tons (20,000 lbs) – Suitable for handling very heavy loads.
- 208~240V / 440~480V: Flexible voltage options for compatibility with various power systems.
- Variable Speed: Provides adjustable speed control for precise load handling.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

This 10-ton electric chain hoist features a power trolley with variable speed control for both hoisting and trolley movement, providing smooth and precise operation. It supports dual voltage options (208~240V / 440~480V) with a 3-phase 60Hz power supply, making it ideal for heavy-duty lifting in industrial environments.

Our Dedication to Excellence:

At Prowinch, our unwavering commitment to delivering the best price-performance ratio is evident in every Electric Chain Hoist we produce. We subject each unit to meticulous testing and continuously enhance key components, considering factors that influence lifespan. This commitment ensures that we consistently provide a superior product at an optimal price point.

Enhanced Components:

Internally, each component has undergone substantial upgrades to meet the highest quality standards. Key electronic parts are carefully sourced from reputable brands, while locally manufactured lubricants are employed to fortify the durability of gears and reducers. The final assembly and testing processes take place in the US, guaranteeing that every unit surpasses corresponding standards.

Single Speed Efficiency:

Our Single Speed Electric Chain Hoist is designed for straightforward yet efficient lifting operations. Perfect for applications where a consistent lifting speed is paramount, this hoist offers reliability and ease of use.

Duty Classification:

Choosing the right unit is pivotal, and our M5-rated H4 hoists stand out for their excellence in high-volume handling. Tailored for environments like steel warehouses, machine shops, fabricating plants, and mills, these hoists boast a 50% maximum operational time per hour for uniformly distributed work periods. They can efficiently handle up to 300 starts per hour. In scenarios of infrequent work periods, the hoist can operate for 30 minutes from a cold start with up to 300 starts per hour. Operational time ratings adhere to a 65% load factor, following ASME HST-1-2012 guidelines.

Control System:

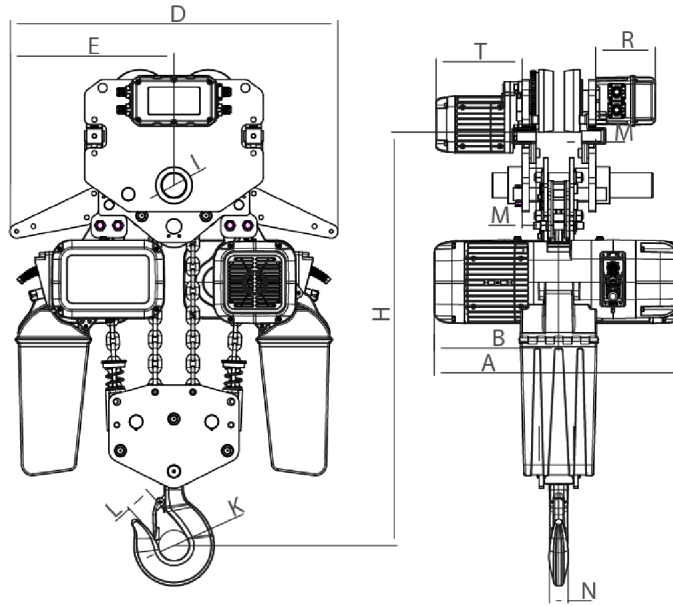
The Single Speed Electric Chain Hoist comes with a standard pendant control, designed with a length 4 feet less than the lifting height, ensuring easy operation from ground level. For added convenience, an optional wireless control is available.

Advanced Braking System:

Our hoists feature an electromagnetic brake system, rigorously tested at 125% of the hoist capacity. This system is intelligently designed to engage automatically upon any loss of power, ensuring not only enhanced safety but also precise control over the operation of the hoist.

Technical Specifications

Overload Protection	Overload Motor Clutch	Standard Lifting Height	40 ft / 12 m
Trolley Beam Extension Kit	up to 12"	Speed (f/m) / min	10.63 ft @60Hz 2.70 mt @50Hz
Standards Certified	CE	Number of Speeds	1 Speed
Recommended Hoist Protection Circuit Breaker AMPs and Type	Type D 50A at 220V and 30A at 460V	Voltage	3 Phase 208~240/440~480V 50/60Hz
Power Cord Length and Phase Order	3 ft / Black L1 , Red L2 and Blue L3 Green ground	Total Power Watts	6750
Pendant Control Yes No	Yes	Duty Class	H4/M5/2m/Class D
Pendant Control Emergency Stop	Yes	IEC Motor Protection	IP55
Paint Specifications	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments	Control	Pendant Control IP66 and Optional Wireless
Trolley Beam Range	3.9" to 7"	Control Voltage	24V
Optional Load Chain Brand & Country of Origin	FEC Japan	Emergency Stop	Yes
Trolley Motor Insulation Grade	F	Transmission / Reducer Type	Spur gearbox
Trolley Wheel Material	No. 45 steel	Load Chain Type	G100 Nikel
Trolley Wheel Diameter	139	Load Chain Size	11.2 mm
Trolley VFD Power in KW	2.5kW	Chain Falls	4
Trolley VFD Model	huayuan	Chain Length	160
Trolley VFD Brand	z-230	Humidity	20%~90%
Brake SKU	PWRX-2-20-PN.60.61	Temperature	-4 ~ 104° F / -20 ~ 40° C
Trolley Motor Brake Type and DC Voltage	DC99V/DC207V	Trolley Power	750
Trolley Minimum Turn Radius	2	Trolley Speed /min	2.75~27.55 ft @60Hz 0.7~7 mt @50Hz
Brake rectifiers-half-wave	PWRX-BKTF-HW	Trolley Number of Speeds	Variable
Brake rectifiers-full-wave	PWRX-BKTF-FW	Standards Compliance	ASME HST-1 , ASME B30.16 , B30.17 , EN60204-38
Rated Load Capacity	10 ton	Warranty	3 Year



Rated load (t)	Type	Dimension (mm)													
		Minimum distance from the bottom of the track to the bottom hook: H	A	L	B	D	E	I	M	N	K	L	T	R	
10	PWRXT10-04	1045	700	3500-5500	350	920	460	70	39	48	85	80	242	167	

Unit Weight & Dimensions

H Minimum Headroom	1005
W Width	920
A Total Height	1045
J Hook Opening	85
D Depth	700

Packaging Weight & Dimensions

Package 1 Net Weight	638 lbs / 289 Kg
Package 2 Net Weight	172.7 lbs / 78 Kg
Package 1 Gross Weight	682 lbs / 309 Kg
Package 2 Gross Weight	187 lbs / 85 Kg
Package 1 Length	44 in / 111.76 cm

Total Weight (w/out cable or Chain)	345	Package 2 Length	11 in / 27.94 cm
Total Unit Weight	810.7 lbs / 368 Kg	Package 1 Width	30 in / 76.2 cm
		Package 2 Width	14 in / 35.56 cm
		Package 1 Height	40 in / 101.6 cm
		Package 2 Height	23 in / 58.42 cm