



20 ton Electric Chain Hoist w/ Power Trolley Variable Speed Trolley 380V 3ø 50HZ 40ft G100 Nickel Duty H4/M5

Key features

- Load Capacity: 20 tons (40,000 lbs) – Designed for lifting extremely heavy loads, suitable for large-scale industrial and heavy-duty applications.
- Voltage: 380V – Designed for use in regions with 380V electrical systems, commonly found in many parts of the world.
- Speed: Variable Speed – Offers adjustable lifting speeds for precise control and adaptability to different tasks.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

This 20-ton electric chain hoist features a power trolley with variable speed control for both hoisting and trolley movement, providing smooth and precise operation. It operates on a 380V 3-phase 50Hz power supply, making it suitable for heavy-duty lifting in industrial applications.

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:

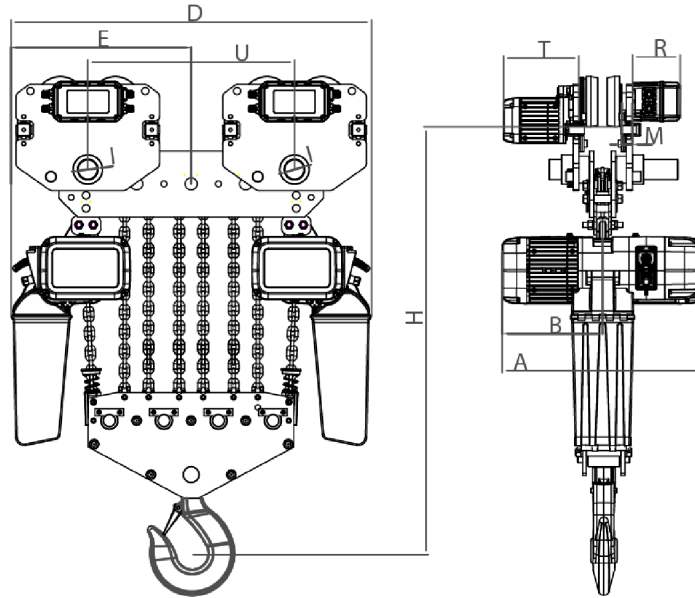
The Single Speed Electric Chain Hoist comes with a standard pendant control, designed with a length 4 feet less than the lifting height, ensuring easy operation from ground level. For added convenience, an optional wireless control is available.

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

Rated Load Capacity	20 ton	Transmission / Reducer Type	Spur gearbox
Standard Lifting Height	40 ft / 12 m	Load Chain Type	G100 Nickel
Speed (f/m) / min	5.31 ft @60Hz 1.35 mt @50Hz	Load Chain Size	11.2 mm
Number of Speeds	1 Speed	Chain Falls	8
Capacity Range	9	Chain Length	320
Voltage	3 Phase 380V 50Hz	Humidity	20%~90%
Total Power Watts	7500	Temperature	-4 ~ 104° F / -20 ~ 40° C
Duty Class	H4/M5/2m/Class D	Trolley Power	750+750
IEC Motor Protection	IP55	Trolley Speed /min	2.75~27.55 ft @60Hz 0.7~7 mt @50Hz
Control	Pendant Control IP66 and Optional Wireless	Trolley Number of Speeds	Variable
Control Voltage	24V	Standards Compliance	ASME HST-1 , ASME B30.16 , B30.17 , EN60204-39
Emergency Stop	Yes	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
20	PWRXT20-08	1300	700	3500-5500	350	1246	623	71	40	80	120	96	242	167

Unit Weight & Dimensions

H Minimum Headroom	1240
W Width	1246
A Total Height	1300
J Hook Opening	120
D Depth	700

Packaging Weight & Dimensions

Package 1 Net Weight	1430 lbs / 649 Kg
Package 2 Net Weight	345.4 lbs / 157 Kg
Package 1 Gross Weight	1474 lbs / 669 Kg
Package 2 Gross Weight	374 lbs / 170 Kg
Package 1 Length	55 in / 139.7 cm

Total Weight (w/out cable or Chain)	845	Package 2 Length	11 in / 27.94 cm
Total Unit Weight	1775.4 lbs / 806 Kg	Package 1 Width	30 in / 76.2 cm
		Package 2 Width	14 in / 35.56 cm
		Package 1 Height	51 in / 129.54 cm
		Package 2 Height	23 in / 58.42 cm