



## 1 Ton Electric Chain Hoist Power Trolley 20 ft. G100 Chain M4/H3 220~240/380/460V

### Key features

- Quality is inside: Heavy Duty H3/M4. Cast Iron housing, NSK Bearings, USA Chevron Meropa 320 Lub
- US Brand EATON Contactors, All ways Limit Switches, Emergency Stop
- Super Heavy Duty G100 Chain, 25% Stronger than G80. Standard ASTM A973
- US and EC Standards ASME HST-1 , ASME B30.16 , EN14492-2 , EN60204-32
- 3 Year Warranty, Customer Support and Service in the USA

### Electric Chain Hoist Description

This **1 ton Electric Chain Hoist with Power Trolley** can be mounted wherever you need it. The hoist has a 20 foot lifting height and raises and lowers heavy loads with a powerful motor. The three-phase power supply and quick-connect electrical wiring system make it ideal for industrial or home applications.

### Prowinch Electric Chain Hoist

All of our Electric Chain Hoists are created with the goal of offering the best price-performance ratio. Key components such as lifespan factors are constantly tested and improved in order to offer the best product for the price. We offer optional variable speed trolleys with a potentiometer for those customers moving sensitive loads.

### Key Components

All internal components have been upgraded to meet the highest quality standards. Key electronic components are produced by American or German brands, and we use American-made lubricants to ensure the lifespan of gears and reducers. Final assembly and all tests are performed in the US before shipping to ensure that every unit meets the corresponding standard.

### Duty Classification

Duty classification is a key factor when choosing the right unit. These H3 hoists are suitable for general machine shop fabricating, assembly, storage, and warehousing. For uniformly distributed work periods, the hoists have 25% max. operational time per hour and can handle up to 150 starts per hour. When being used for infrequent work periods, the hoist can be operated for 30 minutes from a cold start with up to 200 starts per hour. Operational time ratings are calculated at a 65% load factor, as per ASME HST-1-2012.

### Control System

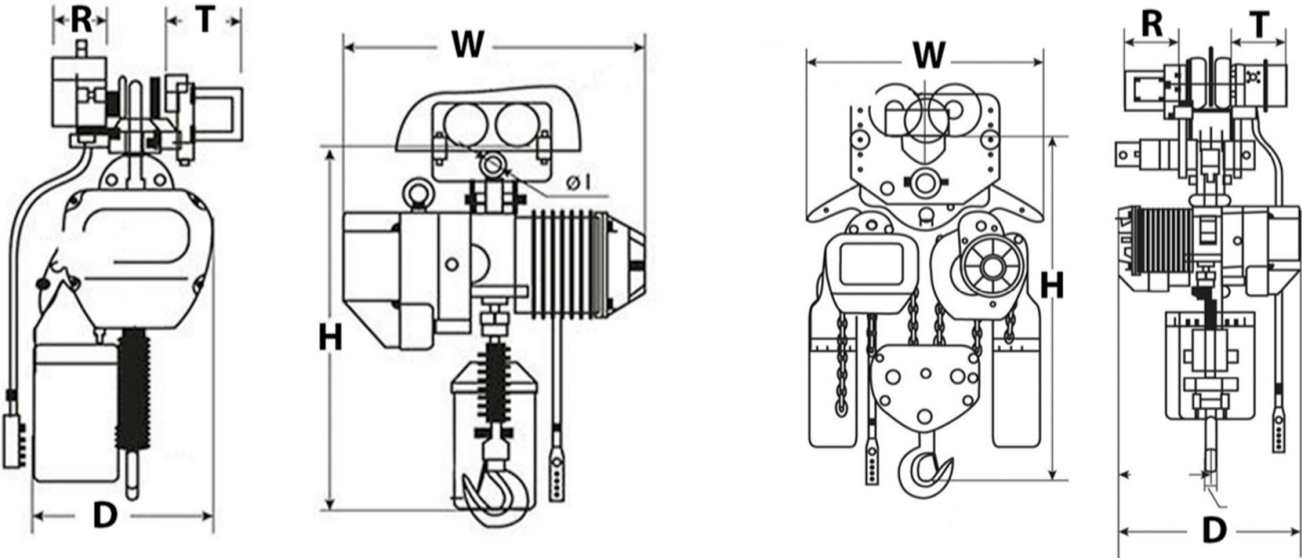
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless control is available for extra convenience.

### Braking System

The electromagnetic brake system is tested at 125% of the hoist capacity and is designed to automatically engage immediately upon any loss of power.

## Technical Specifications

<b>Rated Load Capacity</b>	2200 lb / 1000 kg	<b>Transmission / Reducer Type</b>	Spur gearbox with Oil splash lubrication
<b>Standard Lifting Height</b>	20 ft / 6 m	<b>Load Chain Type</b>	G100
<b>Speed /min</b>	26ft/7.9m@60Hz 22ft/6.6m@50Hz	<b>Load Chain Size</b>	7.1 x 21
<b>Number of Speeds</b>	1 Speed	<b>Chain Falls</b>	1
<b>Voltage</b>	3 Phase 208~240/440~480V 50/60Hz	<b>Chain Length</b>	20 ft / 6 m
<b>Duty Class</b>	H3/M4/1Am/Class C	<b>Humidity</b>	<85%
<b>Motor/Engine Power</b>	1.5 kW	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Motor AMP</b>	7 / 3.5	<b>Trolley Power</b>	0.4 kW
<b>Motor RPM</b>	1728@60Hz 1440@50HZ	<b>Noise Level</b>	81 dB
<b>Motor Brake</b>	Yes	<b>Trolley Speed /min</b>	36 ft / 11 m
<b>Insulation Grade</b>	F	<b>Trolley Number of Speeds</b>	1
<b>IEC Motor Protection</b>	IP55	<b>I-Beam Width Range</b>	52 - 153 mm
<b>Control</b>	Pendant Control and Optional Wireless	<b>Minimum Turn Radius</b>	2.6 ft / 0.8 m
<b>Control Voltage</b>	24V	<b>Standards Compliance</b>	ASME HST-1 , ASME B30.16 , B30.17, EN60204-32
<b>Emergency Stop</b>	Yes	<b>Warranty</b>	3 Year
<b>Contactors</b>	EATON 12 AMP		



Dimensions

Model		PWRC1	PWRC2	PWRC3	PWRC5	PWRC7	PWRC10	PWRC20
T	in	9.09	9.09	9.09	9.09	9.09	9.09	9.09
H		25.5	30.5	33	40	48	55	58
W		20.5	24.5	24	24	24	25	25
R		5.5	5.5	5.5	5.5	5.5	5.5	5.5
D		12	17	17	17	20	35	50

Unit Weight & Dimensions

Packaging Weight & Dimensions



<b>T Trolley Motor Width</b>	9.09 in / 231 mm	<b>Package 1 Net Weight</b>	198 lbs / 90 Kg
<b>D Depth</b>	15 in / 380 mm	<b>Package 1 Width</b>	14 in / 35.56 cm
<b>R Trolley Cover Width</b>	5.5 in / 142 mm	<b>Package 1 Gross Weight</b>	220 lbs / 100 Kg
<b>W Width</b>	20.5 in / 520 mm	<b>Package 1 Height</b>	32 in / 81.28 cm
<b>H Minimum Headroom</b>	25.5 in / 650 mm	<b>Package 1 Length</b>	23 in / 58.42 cm
<b>J Hook Opening</b>	32		
<b>Total Unit Weight</b>	198 lbs / 90 Kg		