



## 7 Ton Electric Chain Hoist Power Trolley Double Speed Hoist and Trolley 29 ft. G100 Chain M4/H3 230/460V

### Key features

- Quality is inside: Heavy Duty H3/M4. Aluminum 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

7.5 Ton Electric Chain Hoist with Motorized Trolley. Highest Quality, most Technologically Advanced Hoist in the Industry. M4 (ISO) / 1Am (FEM) / H3 (HMI) Duty Cycle classification, Class F insulation with cooling fan. Compact lightweight body. Heavy duty reliable Pull Rotor Motor Brake. Contains NO brake coil to fail like conventional disc brakes. Durable IP65 Pendant control with double speed functionality allows for a precise maneuverability and precision. Includes strain relief wire molded to pendant cord for added support and reliability. Quick Connectors save valuable time on setup and maintenance. Easy Maintenance Control Panel provide fast, easy, and trouble-free access. Completely Sealed Body suitable for both indoor and outdoor applications, including harsh environments. Gaskets throughout the hoist provide an IP55 rating. Oil Bath and precision machined helical and spur gears provide for quiet, smooth operations. Superior Quality Chain is precision gauged, Grade 100, manganese alloy load chain heat treated for wear resistance and extended life.

### Prowinch Two Speed Electric Chain Hoist with Power Trolley

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.

### 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

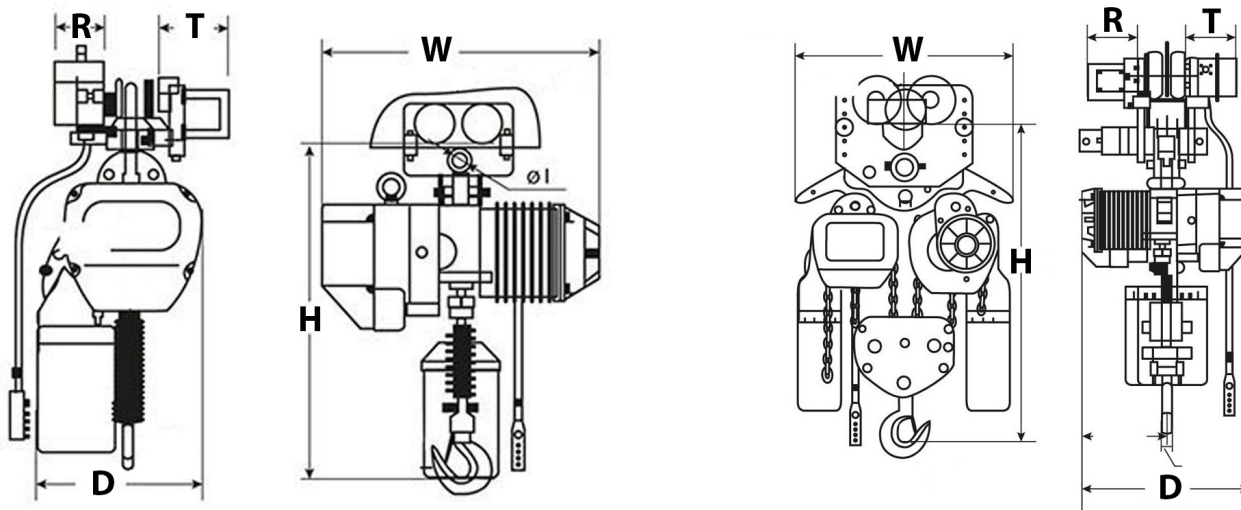
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless control is available for extra convenience.

## 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>	16530 lb / 7500kg	<b>Transmission / Reducer Type</b>	Spur gearbox with Oil splash lubrication
<b>Standard Lifting Height</b>	30 ft / 9 m	<b>Load Chain Type</b>	G100
<b>Speed /min</b>	2.6 & 7.3 ft/min - 0.8 & 2.2 m/min [@60Hz] 2 & 6 ft/min - 0.6 & 1.8 m/min [@50Hz]	<b>Load Chain Size</b>	11.2 x 34 mm
<b>Number of Speeds</b>	2 Speed	<b>Chain Falls</b>	3
<b>Voltage</b>	3 Phase 208~240/440~480V 50/60Hz	<b>Chain Length</b>	90 ft / 27 m
<b>Duty Class</b>	H3/M4/1Am/Class C	<b>Humidity</b>	<85%
<b>Motor/Engine Power</b>	3 kW	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Motor AMP</b>	10 / 5	<b>Trolley Power</b>	0.8 / 0.27 kW
<b>Motor RPM</b>	3456 & 1152@60Hz / 2880 & 960@50Hz	<b>Noise Level</b>	81 dB
<b>Motor Brake</b>	Yes	<b>Trolley Speed /min</b>	36 - 68 ft / 11 - 21 m
<b>Insulation Grade</b>	F	<b>Trolley Number of Speeds</b>	2
<b>IEC Motor Protection</b>	IP55	<b>I-Beam Width Range</b>	100-178 mm
<b>Control</b>	Pendant Control and Optional Wireless	<b>Minimum Turn Radius</b>	5.9 ft / 1.8 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 25 AMP		



## Unit Weight & Dimensions

<b>T Trolley Motor Width</b>	5.6 in / 142 mm
<b>D Depth</b>	15 in / 380 mm
<b>R Trolley Cover Width</b>	9 in / 231 mm
<b>W Width</b>	26.6 in / 677 mm
<b>H Minimum Headroom</b>	40 in / 1218 mm
<b>J Hook Opening</b>	2.87 in / 73 mm
<b>Total Unit Weight</b>	731 lbs / 332 Kg

## Packaging Weight & Dimensions

<b>Package 1 Net Weight</b>	539 lbs / 245 Kg
<b>Package 2 Net Weight</b>	192 lbs / 87 Kg
<b>Package 1 Gross Weight</b>	595 lbs / 270 Kg
<b>Package 2 Gross Weight</b>	220 lbs / 100 Kg
<b>Package 1 Length</b>	32 in / 81.28 cm
<b>Package 2 Length</b>	28 in / 71.12 cm
<b>Package 1 Width</b>	22 in / 55.88 cm
<b>Package 2 Width</b>	18 in / 45.72 cm
<b>Package 1 Height</b>	34 in / 86.36 cm
<b>Package 2 Height</b>	21 in / 53.34 cm