



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

Key features

- Load Capacity: Supports up to 2 tons (4,400 lbs.), suitable for heavy-duty lifting applications.
- Speed: Operates with a single speed for reliable and consistent lifting performance.
- Power Trolley: Includes a power trolley for smooth and efficient horizontal movement along the beam.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

This 2-ton Electric Chain Hoist with Power Trolley has an adjustable range of flange width also, the motor includes disc-type brakes. Side guides promote smooth trolley motion and minimize wheel and beam wear. 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 remote control is available for extra convenience.

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

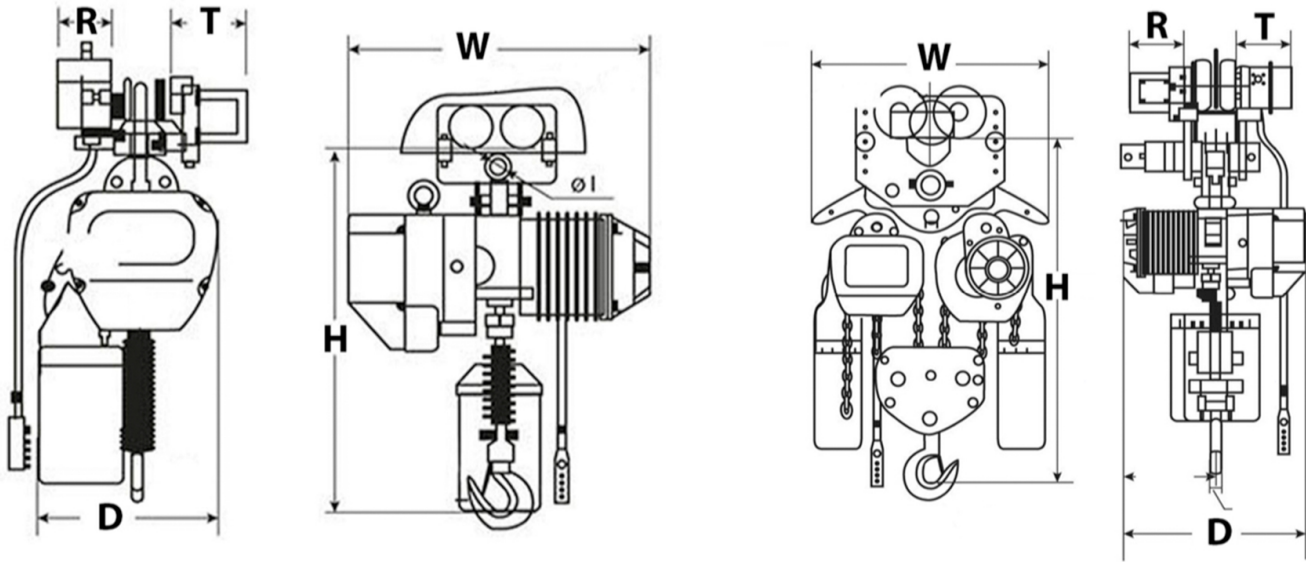
This electric chain hoist comes standard with a pendant control. The length of the control is 4 feet less than the lifting height, which allows it to be easily operated from ground-level. An optional wireless control is available for extra convenience.

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

| | | | |
|--------------------------------|--|------------------------------------|--|
| Rated Load Capacity | 4400 lb / 2000 kg | Contactors | EATON 25 AMP |
| Standard Lifting Height | 20 ft / 6 m | Transmission / Reducer Type | Spur gearbox with Oil splash lubrication |
| Speed (f/m) / min | 26ft/7.9m@60Hz 22ft/6.6m@50Hz | Load Chain Type | G100 |
| Number of Speeds | 1 Speed | Load Chain Size | 10 x 30 mm |
| Voltage | 3 Phase 208~240/440~480V 50/60Hz | Chain Falls | 1 |
| USA and Canada Voltage | 208~240/440~480V | Chain Length | 20 ft / 6 m |
| Available Voltages | 208~240/440~480V for USA and 380/440~480V for CHILE | Humidity | <85% |
| Duty Class | H3/M4/1Am/Class C | Temperature | -4 ~ 104° F / -20 ~ 40° C |
| Motor Power (6) | 3 kW | Trolley Power | 0.4 kW |
| Motor AMP | 10 / 5 | Noise Level | 81 dB |
| Motor RPM | 1728@60Hz 1440@50HZ | Trolley Speed /min | 36 ft / 11 m |
| Motor Brake | Yes | Trolley Number of Speeds | 1 |
| Insulation Grade | F | I-Beam Width Range | 82-178 mm |
| IEC Motor Protection | IP55 | Minimum Turn Radius | 2.9 ft / 0.9 m |
| Control | Pendant Control and Optional Wireless | Standards Compliance | ASME HST-1 , ASME B30.16 , B30.17, EN60204-32 |
| Control Voltage | 24V | Warranty | 3 Year |
| Emergency Stop | Yes | | |



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

| | | | |
|------------------------------|------------------|-------------------------------|------------------|
| T Trolley Motor Width | 9.09 in / 231 mm | Package 1 Net Weight | 334 lbs / 152 Kg |
| D Depth | 15 in / 380 mm | Package 1 Width | 17 in / 43.18 cm |
| R Trolley Cover Width | 5.5 in / 142 mm | Package 1 Gross Weight | 354 lbs / 161 Kg |
| W Width | 24 in / 615 mm | Package 1 Height | 32 in / 81.28 cm |
| H Minimum Headroom | 30.5 in / 770 mm | Package 1 Length | 27 in / 68.58 cm |
| J Hook Opening | 39 | | |
| Total Unit Weight | 334 lbs / 152 Kg | | |