



## 3 ton Electric Chain Hoist w/ Power Trolley 2 Speed 575V 3ø 50/60HZ 30ft G100 Nickel Duty H4/M5

### Key features

- Lifting Capacity: 3 tons (6,000 lbs)
- Power Supply: 575V, 3-phase, 50/60Hz
- Speed Options: Two-speed operation for improved control and accuracy
- 3 Year Warranty, Customer Support and Service in the USA

### Electric Chain Hoist Description

The 3 Ton Electric Chain Hoist with Power Trolley and two-speed functionality is engineered for versatile lifting and transport in various industrial applications. With a lifting capacity of 3 tons, this hoist operates on 575V, 3-phase, 50/60Hz power, making it suitable for a range of operational environments. The integrated power trolley ensures smooth horizontal movement, while the two-speed operation provides enhanced control for precise lifting tasks. Built for durability and equipped with essential safety features, this hoist is perfect for demanding work conditions.

### 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.

### Double Speed Precision:

Our Double Speed Electric Chain Hoist is engineered for versatility in lifting operations. Offering both high and low-speed options, this hoist provides precision and adaptability, making it suitable for a wide range of applications.

### 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:

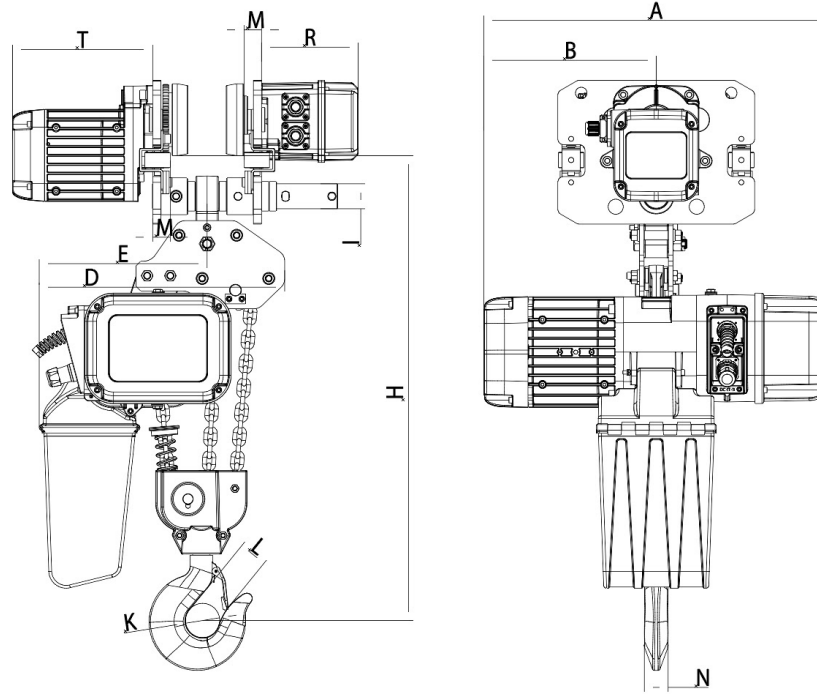
The Double Speed Electric Chain Hoist features an advanced control system, providing flexibility with both high and low-speed options. The standard pendant control, designed with a length 4 feet less than the lifting height, ensures easy operation from ground level. For added convenience, an optional 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

<b>Rated Load Capacity</b>	3 ton	<b>Chain Length</b>	30
<b>Standard Lifting Height</b>	30 ft / 9 m	<b>Humidity</b>	20%~90%
<b>Speed (f/m) / min</b>	11.1/21.2 ft @60Hz 1.7/5.4 mt @50Hz	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Number of Speeds</b>	2 Speed	<b>Minimum Turn Radius</b>	1.6
<b>Voltage</b>	3 Phase 575v 50/60 Hz	<b>Standards Compliance</b>	ASME HST-1 , ASME B30.16 , B30.17 , EN60204-35
<b>Total Power Watts</b>	3500	<b>Warranty</b>	3 Year
<b>Duty Class</b>	H4/M5/2m/Class D	<b>Hoist Motor Power in KW</b>	3
<b>IEC Motor Protection</b>	IP55	<b>Hour Meter</b>	Internal Working Hour Meter
<b>Control</b>	Pendant Control IP66 and Optional Wireless	<b>Hoist Motor Insulation Grade</b>	F
<b>Control Voltage</b>	24V	<b>Hoist Contactor Coil Voltage</b>	24 V
<b>Emergency Stop</b>	Yes	<b>Hoist Contactors Amps</b>	25A
<b>Transmission / Reducer Type</b>	Spur gearbox	<b>Hoist Contactor Brand</b>	Schneider
<b>Load Chain Type</b>	G100 Nickel	<b>IEC Hoist IP Protection</b>	IP55
<b>Load Chain Size</b>	11.2 mm	<b>IEC Pendant Control Protection</b>	IP66
<b>Chain Falls</b>	1	<b>Hoist Motor Brake Type and DC Voltage</b>	DC260V



H	A	B	D	E	I	M	N	K	L	T	R
645	590	276	425	290	43	30	34	59	48	242	167

## Unit Weight & Dimensions

<b>H Minimum Headroom</b>	645
<b>J Hook Opening</b>	59
<b>A Total Height</b>	645
<b>Total Weight (w/out cable or Chain)</b>	130
<b>D Depth</b>	681
<b>1st Package Type</b>	Wood Crate
<b>W Width</b>	350
<b>2nd Package Type</b>	Wood Crate
<b>Total Unit Weight</b>	295.9 lbs / 135 Kg

## Packaging Weight & Dimensions

<b>Package 1 Net Weight</b>	184.8 lbs / 84 Kg
<b>Package 2 Net Weight</b>	111.1 lbs / 50 Kg
<b>Package 1 Gross Weight</b>	330 lbs / 150 Kg
<b>Package 2 Gross Weight</b>	121 lbs / 55 Kg
<b>Package 1 Length</b>	30 in / 76.2 cm
<b>Package 2 Length</b>	11 in / 27.94 cm
<b>Package 1 Width</b>	20 in / 50.8 cm
<b>Package 2 Width</b>	14 in / 35.56 cm
<b>Package 1 Height</b>	31 in / 78.74 cm
<b>Package 2 Height</b>	23 in / 58.42 cm