



## 2 ton Electric Chain Hoist w/ Power Trolley 2 Speed 380V 3ø 50HZ 20ft G100 Nickel Duty H4/M5

### Key features

- Lifting Capacity: 2 tons (4,000 lbs)
- Power Supply: 380V, 3-phase, 50Hz
- Speed Options: Two-speed operation for improved control and precision
- 3 Year Warranty, Customer Support and Service in the USA

### Electric Chain Hoist Description

The 2 Ton Electric Chain Hoist with Power Trolley and two-speed functionality is designed for efficient lifting and transportation in industrial settings. With a lifting capacity of 2 tons, this hoist operates on 380V, 3-phase, 50Hz power, making it suitable for various applications. 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 ideal for demanding environments.

### 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:

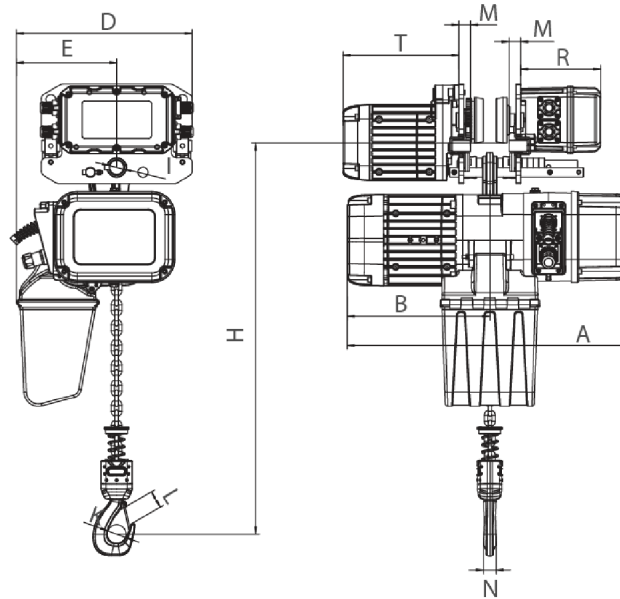
The Double Speed Electric Chain Hoist features an advanced control system, providing flexibility with both high and low-speed options. The standard pendant control, designed with a length 4 feet less than the lifting height, ensures easy operation from ground level. For added convenience, an optional 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>	2 ton	<b>Chain Length</b>	20
<b>Capacity Range</b>	3	<b>Load Chain weight per foot [lbs]</b>	1.48
<b>Voltage</b>	3 Phase 380V 50Hz	<b>Humidity</b>	20%~90%
<b>Standard Lifting Height</b>	20 ft / 6 m	<b>Temperature</b>	-4 ~ 104° F / -20 ~ 40° C
<b>Speed (f/m) / min</b>	8.7/26.7 ft @60Hz 2.2/6.8 mt @50Hz	<b>Transmission / Reducer Type</b>	Spur gearbox
<b>Number of Speeds</b>	2 Speed	<b>Reducer Lubrication Type</b>	Oil
<b>Hoist Contactors Amps</b>	25A	<b>Paint Specifications</b>	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments
<b>Hoist Contactor Brand</b>	Schneider	<b>Standards Compliance</b>	ASME HST-1 , ASME B30.16 , B30.17 , EN60204-34
<b>Hoist Contactor Coil Voltage</b>	24 V	<b>Standards Certified</b>	CE
<b>Duty Class</b>	H4/M5/2m/Class D	<b>Trolley Power</b>	500
<b>IEC Hoist IP Protection</b>	IP55	<b>Trolley Number of Speeds</b>	2
<b>IEC Motor Protection</b>	IP55	<b>Trolley Speed /min</b>	14.17~43.30 ft @60Hz 3.6~11 mt @50Hz
<b>Pendant Control Yes No</b>	Yes	<b>Trolley Motor Brake Type and DC Voltage</b>	DC170V
<b>IEC Pendant Control Protection</b>	IP66	<b>Trolley Motor Insulation Grade</b>	F
<b>Pendant Control Emergency Stop</b>	Yes	<b>Trolley Contactors Amps</b>	32A
<b>Pendant Control total Length</b>	17 ft	<b>Trolley Contactors Brand</b>	Schneider
<b>Hoist Motor Power in KW</b>	3	<b>Trolley Contactors Coil Voltage</b>	24 V
<b>Hoist Motor Brake Type and DC Voltage</b>	DC170V	<b>Trolley Wheel Diameter</b>	110
<b>Hoist Motor Insulation Grade</b>	F	<b>Trolley Wheel Material</b>	No. 45 steel
<b>Total Power Watts</b>	3500	<b>Trolley Minimum Turn Radius</b>	1.5
<b>Power Cord Length and Phase Order</b>	3 ft / Red L1, White L2 and Black L3, Green ground	<b>Trolley Beam Range</b>	3" to 7"
<b>Recommended Hoist Protection Circuit Breaker AMPs and Type</b>	Type D 20A	<b>Trolley Beam Extension Kit</b>	up to 12"
<b>Optional Load Chain Brand &amp; Country of Origin</b>	FEC Japan	<b>Overload Protection</b>	Overload Motor Clutch
<b>Load Chain Type</b>	G100 Nikel	<b>Hour Meter</b>	Internal Working Hour Meter
<b>Load Chain Size</b>	10 mm	<b>Brake SKU</b>	PWRX-2-20-PN.60.61
<b>Chain Falls</b>	1	<b>Brake rectifiers-half-wave</b>	PWRX-BKTF-HW



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
1	PWRXT1-01	473	440	3500-5500	285	210	20	105	140					
2	PWRXT2-01	516	590		276	368	210	31	24	25	42	32	242	167
3	PWRXT3-01	600	681		350	422	264	36	28	35	52	42	242	167
5	PWRXT5-02	645	681		350	478	307	43	30	34	59	48	242	167

## Unit Weight & Dimensions

<b>A Total Height</b>	600
<b>J Hook Opening</b>	52

## Packaging Weight & Dimensions

<b>Package 1 Height</b>	31 in / 78.74 cm
<b>Package 2 Height</b>	23 in / 58.42 cm

<b>W Width</b>	422	<b>Package 1 Width</b>	20 in / 50.8 cm
<b>H Minimum Headroom</b>	600	<b>Package 2 Width</b>	14 in / 35.56 cm
<b>D Depth</b>	600	<b>Package 1 Length</b>	30 in / 76.2 cm
<b>1st Package Type</b>	Wood Crate	<b>Package 2 Length</b>	11 in / 27.94 cm
<b>Total Weight (w/out cable or Chain)</b>	155	<b>Package 1 Net Weight</b>	184.8 lbs / 84 Kg
<b>2nd Package Type</b>	Wood Crate	<b>Package 2 Net Weight</b>	100.1 lbs / 45 Kg
<b>Total Unit Weight</b>	284.9 lbs / 130 Kg	<b>Package 1 Gross Weight</b>	308 lbs / 140 Kg
		<b>Package 2 Gross Weight</b>	110 lbs / 50 Kg