



1 ton Electric Chain Hoist w/ Power Trolley Variable Speed 110V 1ø 60HZ 20ft G100 Nickel Duty H4/M5

Key features

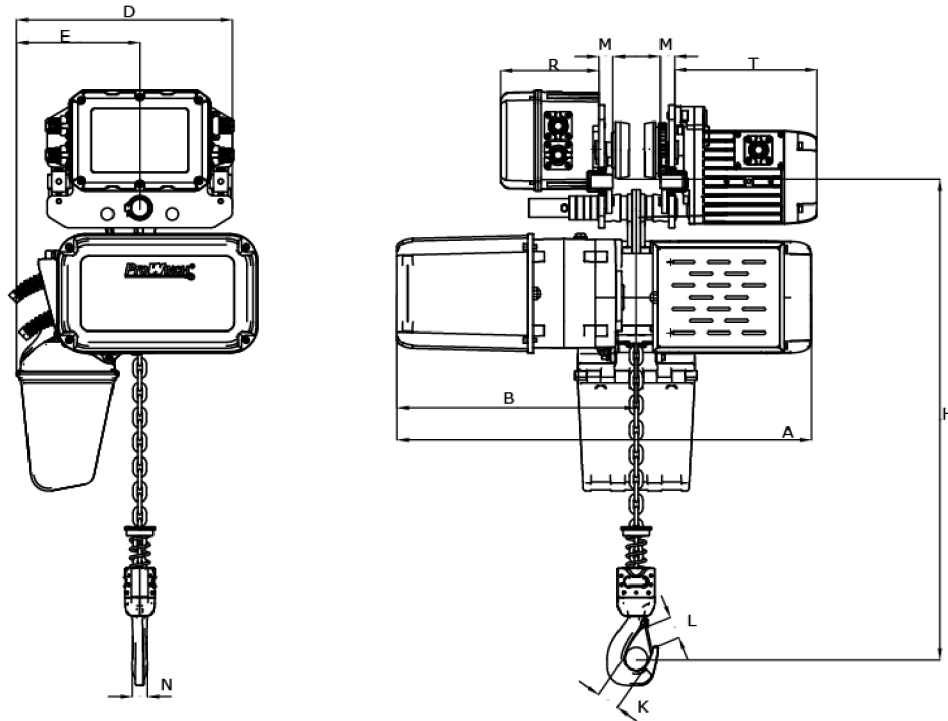
- Capacity: Lifts up to 1 ton (approximately 2,000 lbs)
- Power Supply: 110V single-phase, 60Hz for easy compatibility
- Speed Control: Variable speed operation for accurate lifting and lowering
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

The 1 Ton Electric Chain Hoist with Power Trolley is a robust and versatile lifting solution designed for a wide range of applications. Featuring variable speed control, this hoist allows for precise handling of loads up to 2,000 lbs. Operating on a 110V single-phase 60Hz power supply, it is suitable for various settings. The integrated power trolley ensures smooth horizontal movement, making it ideal for tasks that require flexibility and accuracy.

Technical Specifications

Rated Load Capacity	1 ton	Chain Length	20
Capacity Range	2	Load Chain weight per foot [lbs]	0.74
Voltage	1 Phase 110~120V 60Hz	Humidity	20%~90%
Standard Lifting Height	20 ft / 6 m	Temperature	-4 ~ 104° F / -20 ~ 40° C
Speed (f/m) / min	ft @60Hz 0.8~7 mt @50Hz	Transmission / Reducer Type	Spur gearbox
Number of Speeds	Variable Speed	Reducer Lubrication Type	Oil
Hoist VFD Power	4kW	Paint Specifications	Electrostatic Sprayed Plastic (ESP) Epoxy resins, Polyester Resins, Barium, Pigments
Hoist VFD Brand	HUAYUAN	Standards Compliance	ASME HST-1 , ASME B30.16 , B30.17 , EN60204-33
VFD Model	Z230	Standards Certified	CE
Brake Resistor Kw	0.6Kw	Trolley Power	500
Duty Class	H4/M5/2m/Class D	Trolley Number of Speeds	Variable
IEC Hoist IP Protection	IP55	Trolley Speed /min	5.9~47.23 ft @60Hz 1.5~12 mt @50Hz
IEC Motor Protection	IP55	Trolley Motor Brake Type and DC Voltage	DC170V
Pendant Control Yes No	Yes	Trolley Motor Insulation Grade	F
IEC Pendant Control Protection	IP66	Trolley VFD Power in KW	2.5kW
Pendant Control Emergency Stop	Yes	Trolley VFD Brand	Huayuan
Pendant Control total Length	17 ft	Trolley VFD Model	Z230
Hoist Motor Power in KW	1.5	Trolley Wheel Diameter	95
Hoist Motor Brake Type and DC Voltage	DC170V	Trolley Wheel Material	No. 45 steel
Hoist Motor Insulation Grade	F	Trolley Minimum Turn Radius	1.3
Total Power Watts	4000	Trolley Beam Range	2" to 6"
Power Cord Length and Phase Order	3 ft / Black L1, White, Green ground	Trolley Beam Extension Kit	up to 12"
Recommended Hoist Protection Circuit Breaker AMPs and Type	Type D 15A	Overload Protection	Overload Motor Clutch
Optional Load Chain Brand & Country of Origin	FEC Japan	Hour Meter	Internal Working Hour Meter
Load Chain Type	G100 Nikel	Brake SKU	PWRX-1-PN.60.61
Load Chain Size	7.1 mm	Brake rectifiers-half-wave	PWRX-BKTF-HW
Chain Falls	1		



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-VS-110V	516	704.5	3500-5500	406.5	368	210	31	24	25	42	32	242	167
2-3	PWRXT2-3-VS-110V	640	780		348	463	263	45	20	35	52	42	242	167

Unit Weight & Dimensions

A Total Height	516
J Hook Opening	42

Packaging Weight & Dimensions

Package 1 Height	26 in / 66.04 cm
Package 2 Height	23 in / 58.42 cm

W Width	368	Package 1 Width	16 in / 40.64 cm
H Minimum Headroom	516	Package 2 Width	14 in / 35.56 cm
D Depth	590	Package 1 Length	26 in / 66.04 cm
1st Package Type	Wood Crate	Package 2 Length	11 in / 27.94 cm
Total Weight (w/out cable or Chain)	86	Package 1 Net Weight	101.64 lbs / 46 Kg
2nd Package Type	Wood Crate	Package 2 Net Weight	89.1 lbs / 40 Kg
Total Unit Weight	190.74 lbs / 87 Kg	Package 1 Gross Weight	209 lbs / 95 Kg
		Package 2 Gross Weight	99 lbs / 45 Kg