



2 Speed 1/2 Ton Electric Chain Hoist Power Trolley 20 ft. FEC Japan Chain

Key features

- 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

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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 H4 hoists are suitable for high-volume handling in steel warehouses, machine shops, fabricating plants and mills, and foundries. For uniformly distributed work periods, the hoists have 50% max. operational time per hour and can handle up to 300 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 300 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	1100 lb / 500 kg	Contactora	EATON 25 AMP
Standard Lifting Height	20 ft / 6 m	Transmission / Reducer Type	Spur gearbox with Oil splash lubrication
Speed /min	27 - 2.7 ft/min 8.3 & 0.83 m/min	Load Chain Type	G80 JAPAN or G100
Number of Speeds	2 Speed	Load Chain Size	6.3 x 19 mm
Voltage	3 Phase 208~240/440~480V 50/60Hz	Chain Length	20 ft / 6 m
FCC ID	WTX20X04015023E	Humidity	<85%
Duty Class	H4/M5/2m/Class D	Temperature	-4 ~ 104° F / -20 ~ 40° C
Motor/Engine Power	0.9 kW	Trolley VFD	2.2KW VFD, Delta model: VFD5A5MS43ANSAA
Motor Brake	Yes DC Electromagnetic	Trolley Power	0.4 kW
Insulation Grade	F	Noise Level	81 dB
IEC Motor Protection	IP55	Trolley Speed /min	36 - 68 ft /11 - 21 m
Variable Fequency Driver	VFD Hitachi HS300-015H	Trolley Number of Speeds	2
Dynamic Brake	Yes	I-Beam Width Range	55-153 mm
Control	Pendant Control and Optional Wireless	Minimum Turn Radius	2.62 ft / 0.8 m
Control Voltage	24V	Standards Compliance	ASME HST-1 , ASME B30.16 , B30.17, EN60204-32
Emergency Stop	Yes	Warranty	3 Year



Unit Weight & Dimensions

T Trolley Motor Width	6.14 in / 156 mm
D Depth	14 in / 355 mm
R Trolley Cover Width	8 in / 200
W Width	20 in / 510 mm
H Minimum Headroom	16 in / 400 mm
J Hook Opening	1.1 in / 28 mm