

1 Ton Electric Chain Hoist Power Trolley 20 ft. G80 Chain M3/H2 220V

Key features

- Optional variable speed trolley with potentiometer
- Heavy duty, durable G80 Chain.
- Key safety features such as up and down limit switches, emergency stop, and automatic brake system.
- Meets US and EC Standards ASME HST-1, ASME B30.16, EN14492-2, EN60204-32.
- 3 Year Warranty, Customer Support and Service in the USA

Electric Chain Hoist Description

1 Ton Wireless Electric Chain Hoists are used for raising and lowering material. Power Cord is standard at 3 ft. for Hook and Push Trolley Mounts. Power Cord is standard at 3 ft. for Motorized Trolley Mounts. Hoists usually ship within 1-3 business days after ordering. Please call us at 1 (800) 971-8061 for any special requests. The Highest Quality, most Technologically Advanced Hoist in the Industry. Our hoist ranges from basic Light Duty H1 to Heavy Duty Motor - 60 minute, H4 classification, Class F insulation with cooling fins and standard thermal motor protection. Compact lightweight body offers one of the lowest headroom hoists in the industry. Extremely durable and reliable Pull Rotor Motor Brake. Contains NO brake coil to fail like conventional disc brakes. Durable Push-Button Pendant for easy, one-handed operation. Includes strain relief wire molded to pendant cord for added support and reliability. Easy Maintenance Control Panel is hinged to swing out to provide fast, easy, and trouble-free access. Completely Sealed Body suitable for both indoor and outdoor applications, including harsh environments. Gaskets throughout the hoist provide an IP54 rating. Oil Bath and precision machined helical and spur gears provide for quiet, smooth, and cool operations. Superior Quality Chain is precision gauged, Grade 80, manganese alloy load chain that is heat treated for wear resistance and extended life.

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.

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 chain hoist. These H2 hoists are suitable for light machine shop fabricating, service, and maintenance. For uniformly distributed work periods, the hoists have 12.5% max. operational time per hour and can handle up to 75 starts per hour. When being used for infrequent work periods, the hoist can be operated for 15 minutes from a cold start with up to 100 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.

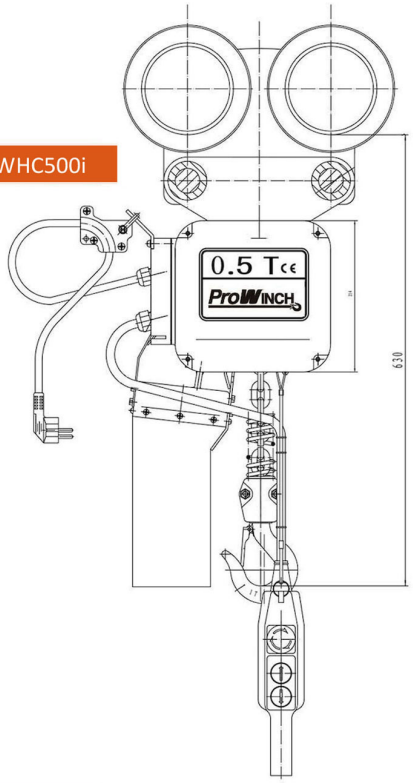
Braking System

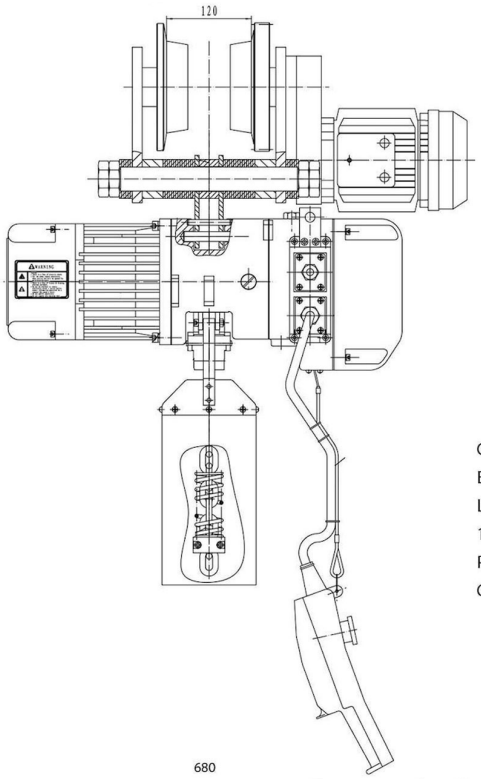
The **electromagnetic brake system** is tested at 125% of the hoist capacity and is designed to automatically engage immediately upon any loss of power.

Technical Specifications

Rated Load Capacity	2200 lb / 1000 kg	**Load Chain Type**	G80
Standard Lifting Height	20 ft / 6 m	**Load Chain Size**	8x24 mm
Speed /min	8 ft / 2.5 m	**Chain Falls**	2
Number of Speeds	1 Speed	**Chain Length**	40 ft / 12 m
Voltage	1 Phase 220~240V 50/60Hz	**Humidity**	<85%
Duty Class	H2/M3/1Bm/Class B	**Temperature**	-4 - 104 °F -20 - 40° C
Motor/Engine Power	0.65 kW	**Trolley Power**	0.45 kW
Motor AMP	4	**Noise Level**	70 dB
Motor Brake	Yes	**Trolley Speed /min**	70 ft / 21 m
Insulation Grade	F	**Trolley Number of Speeds**	1
IEC Motor Protection	IP54	**I-Beam Width Range**	2~6 in
Control	Pendant Control and Optional Wireless	**Minimum Turn Radius**	8.6 ft / 2.62 m
Control Voltage	24V	**Standards Compliance**	ASME HST-1 , ASME B30.16 , B30.17 , EN14492-2 , EN60204-32
Emergency Stop	Yes	**Warranty**	3 Year
Contactor	TECO 12 AMP		

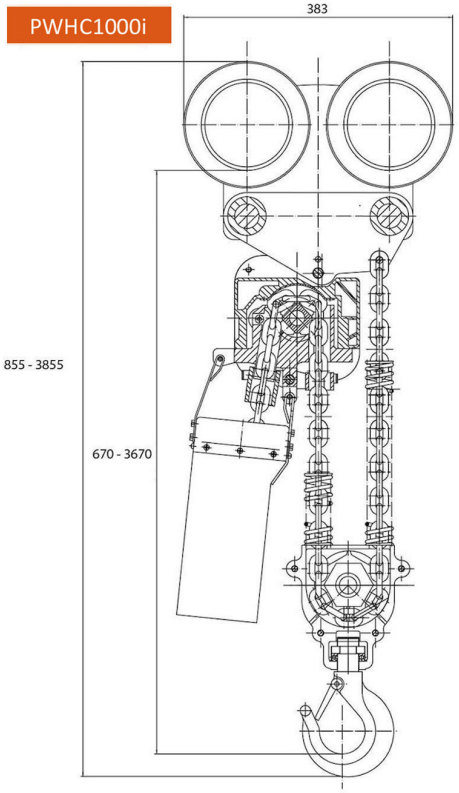
PWHC500i

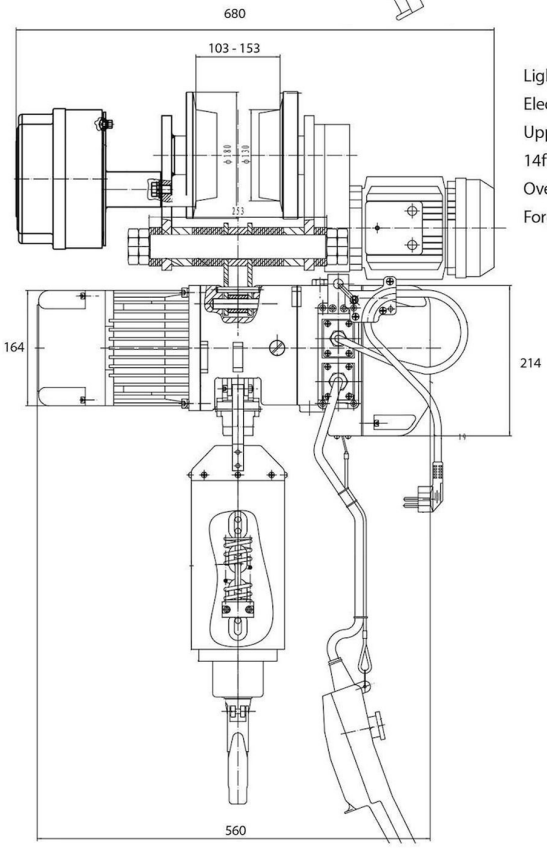




Carcasa de aluminio ligera fundida a presión.
El freno electromagnético mantiene la carga sin energía.
Los interruptores de límite superior e inferior previenen el sobrevuelo
14 pies de suspensión con interruptor de parada de emergencia
Protección de sobrecarga
Gancho giratorio forjado de 360º

PWHC1000i





Light die-casting aluminium housing.
Electromagnetic Safe Brake holds load with no power.
Upper and lower limit switches prevent over-travel
14ft Pendant Control with Emergency Stop switch
Overload Protection
Forged 360º swivel hook

Referential Images
Specifications may change without notice

Unit Weight & Dimensions

H Minimum Headroom	26-144 in / 670-3670 mm
W Width	15 in / 383 mm
D Depth	27 in / 680 mm
Total Unit Weight	282 lbs / 128 Kg

Packaging Weight & Dimensions

Package 1 Net Weight	282 lbs / 128 Kg
Package 1 Width	27 in / 68.58 cm
Package 1 Gross Weight	313 lbs / 142 Kg
Package 1 Height	29 in / 73.66 cm
Package 1 Length	21 in / 53.34 cm