



2 Speed 1 Ton Electric Chain Hoist Power Trolley G100 20 ft Chain M4/H3 220/440V

Key features

- Quality is inside: Heavy Duty H3/M4. Cast Iron housing, NSK Bearings, USA Chevron Meropa 320 Lub
- 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

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. Double speed functionality allows for a precise maneuverability and precision. 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 IP55 rating. Oil Bath and precision machined helical and spur gears provide for quiet, smooth, and cool operations. Superior Quality Chain is precision gauged, G100, manganese alloy load chain that is heat treated for wear resistance and extended life.

Technical Specifications

Rated Load Capacity	2200 lb / 1000 kg	Transmission / Reducer Type	Spur gearbox with Oil splash lubrication
Standard Lifting Height	20 ft / 6 m	Load Chain Type	G100
Speed /min	7.5 - 22.6 ft / 2.3 - 6.9 m	Load Chain Size	7.1 x 21
Number of Speeds	2 Speed	Chain Falls	1
Voltage	3 Phase 208~240/440~480V 50/60Hz	Chain Length	20 ft / 6 m
Duty Class	H3/M4/1Am/Class C	Humidity	<85%
Motor/Engine Power	1.5 kW	Temperature	-4 ~ 104° F / -20 ~ 40° C
Motor RPM	3456 & 1152@60Hz / 2880 & 960@50Hz	Trolley Power	0.4 x 2 kW
Motor Brake	Yes	Noise Level	81 dB
Insulation Grade	F	Trolley Speed /min	36 - 68 ft /11 - 21 m
IEC Motor Protection	IP55	I-Beam Width Range	58 - 153 mm
Control	Pendant Control and Optional Wireless	Minimum Turn Radius	8 ft / 2.5 m
Control Voltage	24V	Standards Compliance	ASME HST-1 , ASME B30.16 , B30.17 , EN60204-32
Emergency Stop	Yes	Warranty	3 Year
Contactors	EATON 12 AMP		

The cooling fin is specially designed to ensure quick heat dissipation with the rate up to 40% of continuous service. The integral enclosed structure with IP55 protection grade makes it applicable for hostile environments.

Disipadores de temperatura de alta eficiencia para servicio continuo de hasta 40%. Su grado de Protección IP55 asegura su operación y durabilidad en ambientes hostiles.

Electromagnetic brake system design allows instant brake as soon as the electric power is cut off.

Freno de seguridad electromagnético que bloquea de forma instantánea la carga ante un corte de energía.

Upper and Lower Limit switches ensures the equipment life expectancy and avoids accidents.

Limitadores de recorrido superior e inferior, aportan seguridad y alargan la vida del equipo y sus componentes

G80 chain can be safely used in hostile environments such as rain sea water and chemicals.

Cadena de Acero G80 para uso bajo lluvia, agua salada, químicos, etc.

Forged Safety Hook with 360° rotation.
Ganchos de Seguridad Forjados, giro en 360°

The loading support frame consists of two steel plates and it's shell is made of light aluminum, achieving a lightweight and resistant structure

Su estructura combina componentes de hierro forjado y aluminio obteniendo un equipo liviano y de alta resistencia.

Inverse phase sequence protecting device which controls the circuit and disables operation in case the power supply is wrongly connected.

Protección eléctrica de inversión de fases que inhabilita el equipo en caso de ser conectado a la alimentación eléctrica en forma equivocada.

Electromagnetic contactor can be used safely under high frequency. Low voltage controller to avoid unexpected accidents caused by electric leakage.

Contactor electromagnético para operación segura en equipos sometidos a un uso intensivo. Controlador de bajo voltaje para evitar riesgos de shock eléctrico.

High Precision Gears Level 8

Engranajes de alta precisión Grado 8

Low voltage Pendant Control (24V / 36V / 48V) with IP66 protection grade. Includes emergency stop and safety buttons.

Botonera de bajo voltaje (24V / 36V / 48V) con parada de emergencia y botones de seguridad tipo "Hombre Muerto". Grado de Protección IP66.

Model/Modelo	PWRCB1D	PWRCB3D	PWRCB5D	PWRCB7D	PWRCB10D
H	18.8 in / 480 mm	26.9 in / 685 mm	29 in / 740 mm	35 in / 890 mm	33.4 in / 850 mm
A	22.9 in / 582 mm	26.3 in / 670 mm			
B	11.0 in / 280 mm	12.3 in / 313 mm			
D	24.8 in / 630 mm	29.5 in / 750 mm	32.4 in / 825 mm	40.1 in / 1020 mm	39.2 in / 996 mm
E	17.5 in / 445 mm	19.8 in / 503 mm	21.2 in / 541 mm	28.7 in / 730 mm	27.5 in / 700 mm

Unit Weight & Dimensions

Packaging Weight & Dimensions

H Minimum Headroom	19 in / 480 mm	Package 1 Net Weight	275 lbs / 125 Kg
W Width	25 in / 630 mm	Package 1 Width	25 in / 63.5 cm
D Depth	23 in / 582 mm	Package 1 Gross Weight	317 lbs / 144 Kg
Total Unit Weight	275 lbs / 125 Kg	Package 1 Height	35 in / 88.9 cm
		Package 1 Length	27 in / 68.58 cm