



1 ton Industrial Electric Winch Dual Voltage 208~240V / 440~480V 3 Phase

Key features

- Double Brake for Added Safety. Reducer brake and Motor Brake are Standard.
- Low Voltage IP66 Remote Control with Emergency Stop.
- Complete Line of Optional Accessories such as Drivers, Wireless and Desk Controls, and More.
- US ASME B30.7 and EC EN14492-2 , EN60204-32 Standard
- 3 Year Warranty, Customer Support and Service in the USA

Compact Winch Description

The **Prowinch 2846 lbs compact winch** is a dependable solution for a wide variety of industries. There are a variety of optional add-ons available for a more customized experience. This winch is an excellent choice for a variety of industries such as mining, logging, and manufacturing.

Prowinch Compact Winch

All of our compact winches 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 locally at Prowinch facility before shipping to ensure that every unit meets the corresponding standard.

Duty Classification

Duty Classification is a key factor when choosing the right unit. This H4 heavy duty industrial winch is suitable for high-volume handling in mining, construction, forestry, manufacturing plants and mills, and foundries. For uniformly distributed work periods, the winches have 50% max. operational time per hour and can handle up to 300 starts per hour. When being used for infrequent work periods, the winch 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 Standard.

Control System

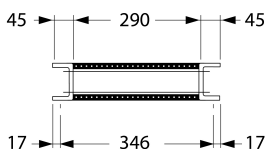
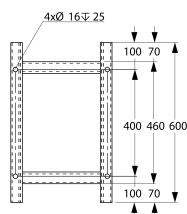
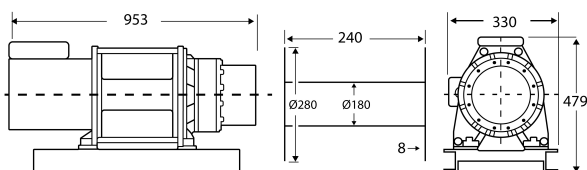
For this winch we offer different control options: single speed IP66 control with up , down, and emergency stop, a variable speed control with a dynamic brake and an SEW Eurodrive German Driver or Lenze USA Driver, wireless remote controls, or a PWZR series full desktop control with Touch Screen controls and indicators, overload protection, and alarms to give the operator all the necessary information for a safe operation of the winch and much more. The winch contains the best electric components available on the market and is made, assembled and tested by Prowinch locally in the US, Chile, or Colombia.

Braking System

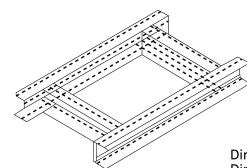
Prowinch compact winches includes two brakes, one reducer brake and one motor brake. For additional safety we also offer an optional drum brake and dynamic brake. All brake systems are tested at 125% of the rated winch capacity and are designed to automatically engage immediately upon any loss of power.

Technical Specifications

1st Layer Rated Capacity	2846 lb / 1291 kg	Dynamic Brake	Optional
Speed /min	40~58 ft / 13~18 m/min	Control	E-Stop/Up/Down - Optional Variable Speed
Number of Speeds	1 Speed - Optional Variable Speed	Reducer Brake	1 @125%
Voltage	3 Phase 220~240/440~480V 60Hz	Drum Brake	Optional
Duty Class	H4/M6/3m/Class D	Wire Rope	ø3/8 in x 328 ft ø9.5 mm x 100 m
Motor/Engine Power	3 kW	Humidity	<85%
Motor RPM	1728 RPM@60HZ / 1440@50HZ	Temperature	-4 ~ 104° F / -20 ~ 40° C
Motor Brake	1 @125%	Noise Level	85 db
Insulation Grade	F	Standards Compliance	ASME/ANSI B30.7, B30.10 / AWS D14.3 / RR-W-410E / ISO 2232
IEC Motor Protection	IP54	Warranty	3 Year



Layer / Capa	Rope on drum / Mts x Capa	Lifting x layer / Cap x Capa	Speed / Velocidad (per min)
1	47 ft / 14 m	2840 lb / 1291 kg	40.0 ft / 12.2 m
2	98 ft / 30 m	2600 lb / 1181 kg	43.7 ft / 13.3 m
3	154 ft / 47 m	2390 lb / 1088 kg	47.4 ft / 14.4 m
4	214 ft / 65 m	2220 lb / 1009 kg	51.1 ft / 15.6 m
5	278 ft / 85 m	2007 lb / 941 kg	54.8 ft / 16.7 m
6	347 ft / 106 m	1940 lb / 881 kg	58.6 ft / 17.8 m



Dimensions in mm /
Dimensiones en mm

Packaging Weight & Dimensions

Package 1 Gross Weight	385 lbs / 175 Kg
Package 1 Width	41 in / 104.14 cm
Package 1 Length	24 in / 60.96 cm
Package 1 Height	20 in / 50.8 cm