



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

### Key features

- Capacity: Handles up to 1 ton, suitable for moderate lifting and pulling tasks in industrial settings.
- Dual Voltage: Operates on 208~240V or 440~480V 3-phase power, offering flexibility to suit different electrical systems.
- Industrial Use: Designed for robust performance in demanding industrial environments.
- 3 Year Warranty, Customer Support and Service in the USA

### Winch Description

This versatile 1-ton industrial electric winch supports dual voltage operation with 208~240V or 440~480V 3-phase power supplies. It is engineered for reliable performance in various industrial applications, providing efficient lifting and pulling capabilities. Ideal for diverse settings, this winch offers flexibility and durability in a range of heavy-duty tasks.

### 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.

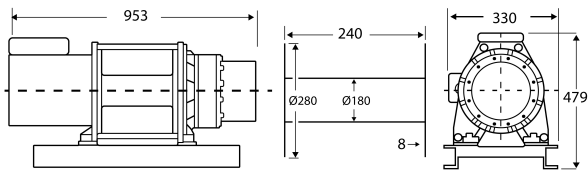
### Braking System

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.

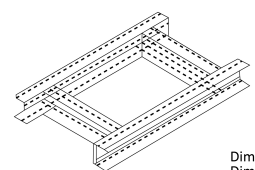
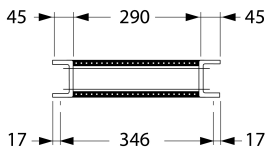
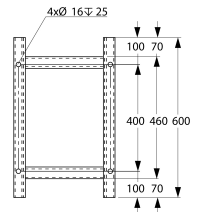
## Technical Specifications

<b>1st Layer Rated Capacity</b>	2846 lb / 1291 kg	<b>Control Voltage</b>	24V
<b>Speed (f/m) / min</b>	40~58 ft / 13~18 m/min	<b>Drum Brake</b>	Optional
<b>Number of Speeds</b>	1 Speed - Optional Variable Speed	<b>Wire Rope</b>	ø3/8 in x 328 ft   ø9.5 mm x 100 m
<b>Voltage</b>	3 Phase 220~240/440~480V 60Hz	<b>Humidity</b>	<85%
<b>Motor Type (68)</b>	Electric AC	<b>Standards Compliance</b>	ASME/ANSI B30.7, B30.10 / AWS D14.3 / RR-W-410E / ISO 2232
<b>IEC Motor Protection</b>	IP54	<b>Warranty</b>	3 Year
<b>IEC Electric Control Box Protection</b>	IP65	<b>Standard Lifting Height</b>	Up to 328 ft / 100 m

**Control** E-Stop/Up/Down - Optional Variable Speed



	Layer / Capa	Rope on drum / Mts x Capa	Lifting x layer / Cap x Capa	Speed / Velocidad (per min)
INCLUDED/INCLUIDO	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

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