



## 162 Tons Winch Heavy Duty Industrial 3 Phase

### Key features

- Load Capacity: Handles up to 162 tons, suitable for extremely heavy-duty industrial lifting and pulling applications.
- Power Supply: Operates on 3-phase electrical power, commonly used in industrial settings for high power requirements.
- Safety Features: Includes essential safety mechanisms such as overload protection, emergency stop, and limit switches to ensure safe operation.
- 3 Year Warranty, Customer Support and Service in the USA

### Winch Description

Engineered for extreme lifting and pulling capacities, this 162-ton heavy-duty industrial winch operates on a 3-phase power system. Perfect for large-scale industrial applications, it provides robust performance and durability under the most demanding conditions. Designed for high-efficiency and reliability, this winch is a key asset for heavy-duty operations and large-scale projects.

### Prowinch Variable Speed Mega Winch

All of our variable speed mega winches are created with the goal of offering the best performance-price ratio.

### Key Components

All components are constantly tested and improved to meet the highest quality standards. Key electronic components are produced by the best European or American brands to ensure reliability of the product and availability of the spares. Final assembly and all tests are performed in our facilities in USA or Chile 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 H5 heavy duty industrial winch is suitable for high-volume continuous operation. These winches have 100% max. operational time per hour and can handle up to 600 starts per hour. Operational time ratings are calculated at a 65% load factor, as per ASME Standard.

### Control System

This electric winch is designed to be driven by a variable speed control. SEW Eurodrive (Germany), Yaskawa (Japan) and Invertek (England) are our standard options, others available upon request. These units contain the best electronic components available on the market. A PWZR series programmable desk control is also included with the unit, enabling the operator to monitor all the information necessary for the safe operation of the winch. Speed, distance, temperatures, Alarms can be programmed, limits, etc.

### Braking System

Prowinch mega winches offer multiple brake options including a motor brake, reducer brake, 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>	162 tons	<b>Control Included</b>	PWZR7 Programable Desktop Control with touch screen
<b>Rated Load Capacity</b>	163 t	<b>Control Voltage</b>	24V
<b>Last Layer Rated Capacity</b>	81 tons	<b>Electric Control Box</b>	Electric Control Box with VFD (UL508 Optional)
<b>Number of Layers</b>	8	<b>Transmission / Reducer Type</b>	JYQ1000
<b>Speed (f/m) / min</b>	3.7 - 6.7 [m/min] / 12 - 22 [ft/min]	<b>Gear Ratio</b>	40.17
<b>Number of Speeds</b>	Variable Speed	<b>Drum Brake</b>	Optional
<b>Voltage</b>	3 Phase 380/440~480V 50/60Hz	<b>Wire Rope Recommended</b>	IWRC 63mm [MBL 2100 kn] x 700m [2300ft] or IWRC 73mm [MBL 2730 kn] x 600m [1970ft]
<b>Total Power Watts</b>	160 kW	<b>Fairlead</b>	Included
<b>Motor Type</b>	Electric AC	<b>Standards Compliance</b>	ASME B30.7 / B30.10 / CE
<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 2296 ft / 700 m

## Unit Weight & Dimensions

<b>Drum BD Barrel Diameter</b>	1000 mm
<b>Drum DL Length</b>	1200 mm
<b>Drum FD Flange Diameter</b>	1950 mm