



## 52 Tons Winch Heavy Duty Industrial 3 Phase

### Key features

- **Load Capacity:** Capable of handling up to 52 tons, designed for very heavy-duty lifting and pulling applications.
- **Power Supply:** Operates on 3-phase electrical power, ideal for high-power needs in industrial environments.
- **Safety Features:** Includes essential safety mechanisms such as overload protection, emergency stop, and limit switches to ensure secure operation.
- **3 Year Warranty, Customer Support and Service in the USA**

### Winch Description

Upgrade your heavy lifting operations with our 52-ton heavy-duty industrial winch, engineered for superior performance and reliability. This 3-phase winch is designed to handle the toughest jobs, offering exceptional strength and durability. Ideal for industrial environments, it ensures efficient and dependable operation for high-capacity lifting and pulling tasks. Built to withstand demanding conditions, it provides the power you need for large-scale applications.

### 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

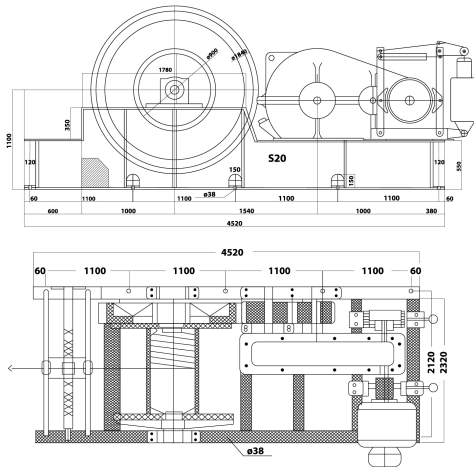
This electric winch is designed to be driven by a variable speed control. SEW Eurodrive (Germany), Yaskawa (Japan) and Invertek (England) are our standard options, others available upon request. These units contain the best electronic components available on the market. A PWZR series programmable desk 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>	52 tons	<b>Control</b>	PWZR7 Programable Desktop Control with touch screen
<b>Last Layer Rated Capacity</b>	31 ton	<b>Control Voltage</b>	24V
<b>Number of Layers</b>	8	<b>Electric Control Box</b>	Electric Control Box with VFD (UL508 Optional)
<b>Speed (f/m) / min</b>	8.9 - 15.2 [m/min] / 29 - 50 [ft/min]	<b>Transmission / Reducer Type</b>	JYQ850
<b>Number of Speeds</b>	Variable Speed	<b>Gear Ratio</b>	40.17
<b>Capacity Range</b>	11	<b>Drum Brake</b>	Optional
<b>Voltage</b>	3 Phase 380/440~480V 50/60Hz	<b>Recommended Wire Rope</b>	IWRC 52 mm x 600 m (MBL 189t)
<b>Total Power Watts</b>	90 kW	<b>Fairlead</b>	Included (52mm)
<b>Motor/Engine 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		



Layer / Capa	Rope on drum / Mts x Capa	Lifting x layer / Cap x Capa	Speed / Velocidad (per min)
1	196ft / 60 m	116404 lb / 52800 kg	29.1 ft / 8.9 m
2	412 ft / 126 m	105637 lb / 47916 kg	32 ft / 9.8 m
3	649 ft / 198 m	96694 lb / 43860 kg	35 ft / 10.7 m
4	905 ft / 276 m	89147 lb / 40436 kg	38 ft / 11.6 m
5	1181 ft / 360 m	82692 lb / 37509 kg	40.9 ft / 12.5 m
6	1477 ft / 450 m	77109 lb / 34976 kg	43.9 ft / 13.4 m
7	1794 ft / 547 m	72232 lb / 32764 kg	46.9 ft / 14.3 m
8	2130 ft / 649 m	67936 lb / 30815 kg	49.8 ft / 15.2 m

Dimensions in mm / Dimensiones en mm

## Unit Weight & Dimensions

<b>BD Barrel Diameter</b>	1000 mm
<b>DL Drum Length</b>	1100 mm
<b>FD Flange Diameter</b>	1600 mm