

## 70 Tons Winch Heavy Duty Industrial 3 Phase



### Key features

- Load Capacity: Handles up to 70 tons, designed for extremely heavy-duty lifting and pulling applications.
- Power Supply: Operates on 3-phase electrical power, ideal for high-power industrial applications and large-scale operations.
- Safety Features: Equipped with essential safety systems such as overload protection, emergency stop, and limit switches for safe operation.
- 3 Year Warranty, Customer Support and Service in the USA

### Winch Description

Experience unparalleled strength and reliability with our 70-ton heavy-duty industrial winch, crafted for the most demanding applications. This 3-phase winch is built to endure the toughest lifting and pulling tasks with ease. Ideal for large-scale industrial operations, it delivers exceptional performance and durability, ensuring efficient handling of heavy loads. Designed to meet the rigorous demands of high-capacity jobs, it provides the robust power and dependability needed for challenging environments.

### 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

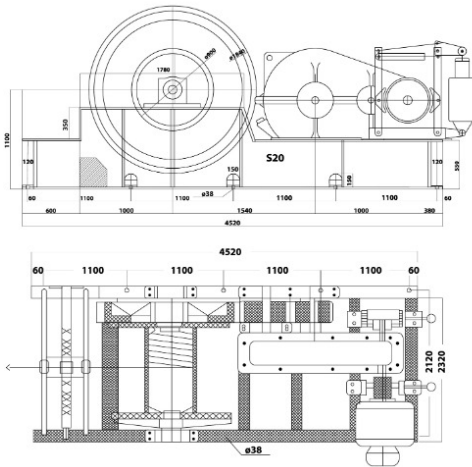
This electric winch is designed to be driven by a variable speed control. SEW Eurodrive (Germany), Yaskawa (Japan) and Invertek (England) are our standard options, others available upon request. These units contain the best electronic components available on the market. A PWZR series programmable desk 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>	70 tons	<b>Control Voltage</b>	24V
<b>Last Layer Rated Capacity</b>	45 tons	<b>Electric Control Box</b>	Electric Control Box with VFD (UL508 Optional)
<b>Number of Layers</b>	7	<b>Transmission / Reducer Type</b>	JYQ1000
<b>Speed (f/m) / min</b>	5.9 - 9.1 m/min / 19 - 30 [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>Recommended Wire Rope</b>	IWRC 54 mm x 600 m (MBL 1550 kn)
<b>Total Power Watts</b>	90 kW	<b>Fairlead</b>	Included (54mm)
<b>Motor Type (68)</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 1968 ft / 600 m
<b>Control</b>	PWZR7 Programable Desktop Control with touch screen		



Layer / Capa	Capacity / Capacidad	Rope on drum / Cable en Tambor	Speed / Velocidad
1	70 000 kg / 154 323 lbs	70 m / 230 ft	5.9 m/min / 19 ft/min
2	64 421 kg / 142 023 lbs	147 m / 482 ft	6.4 m/min / 21 ft/min
3	59 667 kg / 131 543 lbs	229 m / 751 ft	6.9 m/min / 22.6 ft/min
4	55 564 kg / 122 497 lbs	318 m / 1 043 ft	7.5 m/min / 24.6 ft/min
5	51 991 kg / 114 620 lbs	413 m / 1 355 ft	8.0 m/min / 26.2 ft/min
6	48 849 kg / 107 693 lbs	514 m / 1 686 ft	8.6 m/min / 28.2 ft/min
7	45 650 kg / 102 845 lbs	600 m / 1 968 ft	9.1 m/min / 29.9 ft/min

Dimensions in mm / Dimensiones en mm

## Unit Weight & Dimensions

<b>Drum BD Barrel Diameter (58)</b>	1100 mm
<b>Drum DL Length (56)</b>	1100 mm
<b>Drum FD Flange Diameter (57)</b>	1800 mm