



## 33 Tons Winch Heavy Duty Industrial 3 Phase

### Key features

- German SEW Driver, Heavy Duty Variable Speed with full Control Desk Panel
- Odometer, Speed Indicator, Temp., V/HZ/AMP, Graphics, Load alarm, Speed alarm, E-Stop and Lock
- Double Reducer Brake and Dynamic Brake as Standard, Encoder and Optional Drum Disk Brake
- US ASME B30.7 and EC EN14492-2, EN60204-32 Standard
- 3 Year Warranty, Customer Support and Service in the USA

33 Tons Winch Heavy Duty Industrial 3 Phase

### 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

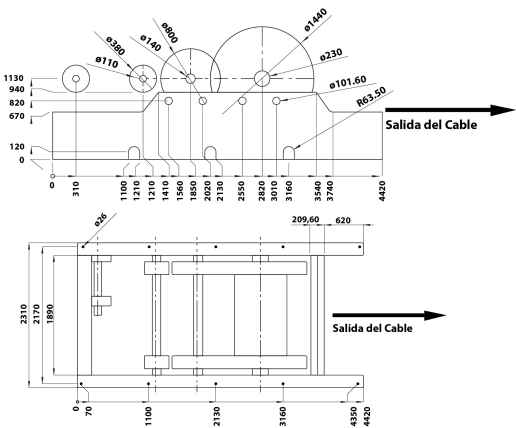
This electric winch is designed to be driven by a variable speed control. SEW Eurodrive (Germany), Yaskawa (Japan) and Invertek (England) are our standard options, others available upon request. These units contain the best electronic components available on the market. A PWZR series programmable desk 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>	33 tons	<b>IEC Electric Control Box Protection</b>	IP65
<b>Last Layer Rated Capacity</b>	19 tons	<b>Variable Frequency Driver</b>	SEW, Yaskawa, Siemens or Invertek
<b>Number of Layers</b>	6	<b>Dynamic Brake</b>	Included
<b>Speed /min</b>	7.0- 10.6 m/min	<b>Control</b>	PWZR7 Programable Desktop Control with touch screen
<b>Number of Speeds</b>	Variable Speed	<b>Electric Control Box</b>	Electric Control Box with VFD (UL508 Optional)
<b>Voltage</b>	3 Phase 380/440~480V 50/60Hz	<b>Transmission / Reducer Type</b>	JYQ850
<b>Total Power Watts</b>	55 kW	<b>Gear Ratio</b>	40.17
<b>Duty Class</b>	H5/M7/4m/Class E	<b>Reducer Brake</b>	Electro Hydraulic YWZ400 (x2)
<b>Motor Poles</b>	8	<b>Drum Brake</b>	Optional
<b>Motor RPM</b>	716	<b>Recommended Wire Rope</b>	IWRC 38 mm x 1000 m
<b>Motor Brake</b>	Electromagnetic Disc Release Brake (x1)	<b>Drum Type</b>	Plain
<b>Insulation Grade</b>	F	<b>Standards Compliance</b>	ASME B30.7 / B30.10 / CE
<b>IEC Motor Protection</b>	IP54	<b>Warranty</b>	3 Year



Layer / Capa	Rope on drum / Mts x Capa	Lifting x layer / Cap x Capa	Speed / Velocidad (per min)
1	256 ft / 78 m	72.753 lb / 33.000 kg	23.0 ft / 7.0 m
2	534 ft / 163 m	67.114 lb / 30.443 kg	24.9 ft / 7.6 m
3	834 ft / 254 m	62.287 lb / 28.253 kg	26.8 ft / 8.2 m
4	1155 ft / 352 m	58.108 lb / 26.357 kg	28.7 ft / 8.8 m
5	1498 ft / 457 m	54.454 lb / 24.700 kg	30.7 ft / 9.3 m
6	1862 ft / 568 m	51.232 lb / 23.239 kg	32.6 ft / 9.9 m
7	2248 ft / 685 m	48.371 lb / 21.941 kg	34.5 ft / 10.5 m
8	2655 ft / 809 m	45.812 lb / 20.780 kg	36.5 ft / 11.1 m
9	3084 ft / 940 m	43.510 lb / 19.736 kg	38.4 ft / 11.7 m
10	3534 ft / 1077m	41.429 lb / 18.792 kg	40.3 ft / 12.3 m

Dimensions in mm / Dimensiones en mm

## Unit Weight & Dimensions

BD Barrel Diameter	900 mm
DL Drum Length	1100 mm
FD Flange Diameter	1550 mm