



33 Tons Winch Heavy Duty Industrial 3 Phase

Key features

- **Load Capacity:** Capable of handling up to 33 tons, ideal for very heavy-duty industrial lifting and pulling applications.
- **Power Supply:** Operates on 3-phase electrical power, suited for high-power demands in industrial settings.
- **Safety Features:** Includes essential safety systems 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

Built for extreme conditions, this 33-ton heavy-duty winch offers unparalleled strength and reliability for industrial applications. Operating on a 3-phase power system, it delivers efficient and consistent performance, making it ideal for heavy lifting and pulling tasks. Engineered for durability and performance, this winch ensures dependable operation in demanding 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

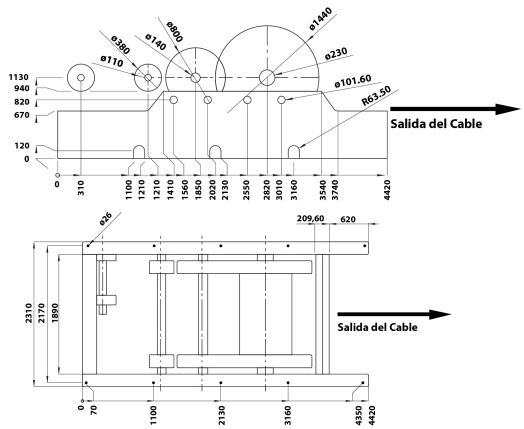
This electric winch is designed to be driven by a variable speed control. SEW Eurodrive (Germany), Yaskawa (Japan) and Invertek (England) are our standard options, others available upon request. These units contain the best electronic components available on the market. A PWZR series programmable desk 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

1st Layer Rated Capacity	33 tons	Control Voltage	24V
Last Layer Rated Capacity	19 tons	Electric Control Box	Electric Control Box with VFD (UL508 Optional)
Number of Layers	6	Transmission / Reducer Type	JYQ850
Speed (f/m) / min	7.0- 10.6 m/min	Gear Ratio	40.17
Number of Speeds	Variable Speed	Drum Brake	Optional
Voltage	3 Phase 380/440~480V 50/60Hz	Recommended Wire Rope	IWRC 38 mm x 1000 m
Total Power Watts	55 kW	Fairlead	Included (38mm)
Motor Type (68)	Electric AC	Standards Compliance	ASME B30.7 / B30.10 / CE
IEC Motor Protection	IP54	Warranty	3 Year
IEC Electric Control Box Protection	IP65	Standard Lifting Height	Up to 3280 ft / 1000 m
Control	PWZR7 Programable Desktop Control with touch screen		



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

Drum BD Barrel Diameter (58)	900 mm
Drum DL Length (56)	1100 mm
Drum FD Flange Diameter (57)	1550 mm