



45000 lb Heavy Duty Winch 480V 3 Phase TECO-Westinghouse RoHS Motor UL508A Control Variable Speed Made in USA

Key features

- Heavy Duty Variable Speed Winch Invertek Driver
- 3 Brakes: Motor Brake, Reducer Brake and Dynamic Brake
- UL508A Certified Control Panel
- TECO-Westinghouse RoHS Motor
- 3 Year Warranty, Customer Support and Service in the USA

Compact Winch Description

The **Prowinch 45000 lbs compact winch** allows you to easily pull heavy loads. The strong motor makes it perfect for use in a wide variety of situations and environments. There are a variety of optional add-ons available for a more customized experience.



Technical Specifications

Rated Load Capacity	45000 lb	VFD Power	37 kW
1st Layer Rated Capacity	44690 Lb / 20314 Kg @ 50HZ	Recommended Resistance	PW-RS-6000-67x5
Last Layer Rated Capacity	32554 Lb / 14797 Kg	Dynamic Brake	PW-RS-6000-72x6 (36kW - 12 Ohms)
Standard Lifting Height	646 ft / 197 m	Control	Pendant Control - 2 Button Emergency Stop and Speed Potentiometer
Number of Layers	4	Control Voltage	24v DC
Speed /min	1st Layer 23 ft/min del 4th Layer 32.37 ft/min @ 50HZ	Emergency Stop	Yes
Number of Speeds	Variable Speed	Electric Control Box	UL508A Certified Control Box - Made in USA
Voltage	3 Phase 380~480V	Operating Temperature Range	-4 ~ 104° F / -20 ~ 40° C
Input Phases	3	Transmission / Reducer Type	Planetary Gear Reducer
MCB UL489	100 Amp Type B	Gear Ratio	212:1
UL508 Disconnect Switch	MCCB 2-position lockable in ON-OFF, defeatable, NEMA 12, OSHA 1910.147	Reducer Brake	PW Electromagnetic Brake Disc 125% Rated Load
Total Power Watts	37 kW	Drum Brake	Optional
Duty Class	H4/M6/3m/Class D	Design Factor	3.87:1
Motor Brand and Model	TECO-Westinghouse RoHS R31303	D/d Ratio	15.77
Motor/Engine Type	TEFC Premium Efficiency IE3 with DC Brake	Recommended Wire Rope	656 ft W63640A1, 6x36 IWRC ø 1 1/4 MS 173044 lb EEIPS
Motor/Engine Power	30 kW	Drum Type	Plain (Optional Cross over Grooved)
Motor AMP	48.4	Humidity	<85%
Motor Poles	6	Noise Level	83 db
Motor RPM	1180	Standards Compliance	ASME B30.7 / UL508A / UL Type 4 / USA (UR) / Canada (CSA)
Motor Brake	Electromagnetic Brake Disc	Made in	USA
Insulation Grade	F	Warranty	3 Year
IEC Motor Protection	IP55	Fuse UL489	100 Amp Class T
IEC Electric Control Box Protection	IP66	UL File	NITW.E524056 / NITW7.E524056
Variable Frequency Driver	Invertek ODP-2-54050-3HF42-MN	Personnel Lifting Capacity	16000 lb as per ASME B30.23



**PWG45000i-48
0-VS-UL**

Unit Weight & Dimensions

BD Barrel Diameter	ø500 mm
DL Drum Length	850 mm
FD Flange Diameter	ø800 mm
Total Weight (w/out cable or Chain)	4950 lbs
Total Unit Weight	4950 lbs / 2246 Kg

Packaging Weight & Dimensions

Package 1 Net Weight	4950 lbs / 2246 Kg
Package 1 Width	47 in / 119.38 cm
Package 1 Gross Weight	5010 lbs / 2273 Kg
Package 1 Height	55 in / 139.7 cm
Package 1 Length	113 in / 287.02 cm