

CABLE PULLING WINCHES - Power cables

A range of Trailer mounted Cable Pulling Winches required for the installation of Power Cables where high pulling tensions are required.

All of the units are designed with the operator in mind. Simple in operation and robustly engineered, these units are fitted with heavy duty diesel engines powering hydraulic transmission for smooth controlled pulling, and are fitted with a console mounted line tension indicator so that at all times the operator has a visual display of the pulling force applied. All of the Winches can be quickly pre-set so they do not exceed the required pulling tension.



FW3000 3 Tonne Winch

This is our 3 tonne capacity single capstan winch and is a great asset to any Multi Utility business. It is fitted with a free spooling payout system which makes it a one man only operation. The unit is fitted with a pull load indicator with read out via dial gauge.

Technical Specification

Power Unit	Diesel engine. Rated at 13Kw. At 3600 RPM	
Main Drive System	Single Capstan.	
Rewind Drum Drive	Hydraulic driven for rope tension.	
Cable Pay Out	Free spooling	
Pull Load Indicator	Dial gauge for pressure / tonnes pull	
Oil Cooler	Fitted with thermostat fan.	
Rewind drum	400 mtrs. 10mm dia rope. capacity (max)	
Rope Layering	Free moving layering arm (mounted under rewind drum)	
Rope Pull/Speed	0.5 tonne	30 mtr/min
	1.5 tonne	22mtr/min
	3.0 tonne	7 mtr/min

Technical Specification

Power Unit	Diesel Engine Rated 19.1Kw at 3000RPM
Main Drive System	Independently driven twin Grooved Bull Wheels.
Rewind Drum	Hydraulically Driven for Rope Tension.
Cable Payout	Via Hydraulic System. - Powered
Pull Load Indicator	Via Dial Gauge for Pressure/Tonnes Pull.
Oil Cooler	Fitted with Thermostatic Fan.
Rewind Drum Capacity	750mtrs x 14mm dia Rope.
Rope Layering	Free Moving Layering Arm.
Rope Pull/Speed	No Load/Payout - 28mtrs/min 5.0 Tonne - 12mtrs/min



TW5000 5 Tonne Winch

The TW5000 is currently our largest line pull winch, and utilises the Twin Capstan design as a way of developing the required tension. The winch is a single axle and therefore easy to manoeuvre. It is fitted with a pull load indicator via the dial gauge and obtains its power from a twin cylinder diesel engine.



**THORNE &
DERRICK
INTERNATIONAL**

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com