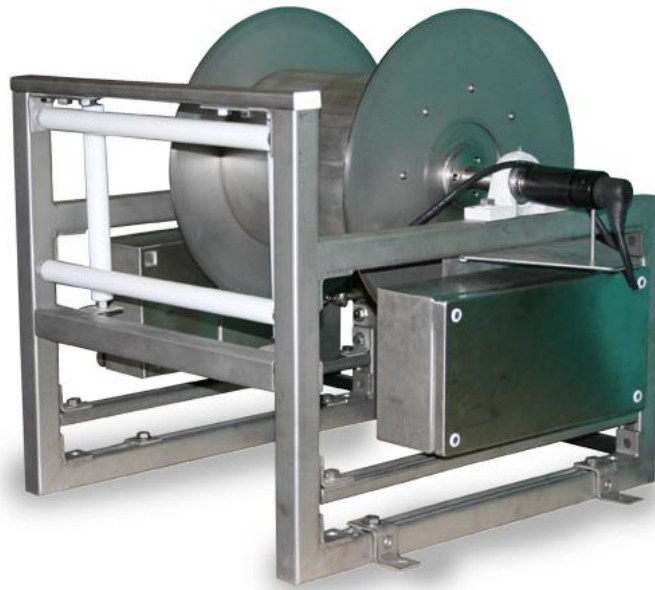


Portable Electric Winch



ELECTRIC WINCH FOR TOWED HYDROGRAPHIC SYSTEMS

The Portable Electric Winch is specifically designed for deployment of towed side scan systems on small vessels. The robust stainless steel construction carries up to 300 m tow cable. It is powered by a joystick controlled, 24 VDC motor. The side scan sonar deck cable connects via maintenance free slip rings.

Winch

The fitted high duty motor is powered by a 24VDC battery pack or a power supply unit. The stainless steel construction is designed to be low maintenance and lightweight for easy installation. A safety clutch is fitted to prevent damage to the deck fastenings and equipment in the event of snagging. In addition, it is fitted with an emergency stop button, warning buzzer and safety beacon. It has maintenance-free slip ring and is designed to carry 300 m of 6.5 mm armoured coaxial instrument cable.

Pulsar Side Scan Sonar

The winch is an optional extra for the Pulsar high resolution side scan sonar. Pulsar acquires high resolution acoustic images of the seabed by using a rugged tow fish that can be easily operated with a water protected deck unit. Large areas can be surveyed efficiently revealing small objects and structures in detail. The system is ideal for search and recovery operations, underwater inspection, as well as engineering and scientific surveys.



Ideal for use with the Pulsar
(sold separately)

FEATURES

- Stainless steel constructions
- Robust and lightweight design
- High duty 24VDC motor
- Maintenance free slip ring
- 300 m cable capacity
- Variable speed or single speed option

TECHNICAL SPECIFICATIONS

Portable Electric Winch	
Motor	24 VDC, 740 W Reverse input polarity protection internal soft start system
Motor current	20 A @ 50 kg load (24VDC) Internal current protection
Brake	Electrical brake integral with motor
Safety Clutch	784 N (80kg line pull)
Drum Capacity	300 m of ¼" coaxial cable
Drum Speed	27.5 RPM
Line Speed	0-27 m/min
Max Line Pull	75 kg
Construction	316 L Stainless Steel
Control	Joystick pendant controller
Slip Ring	4 Way slip ring
Safety	Emergency stop button Warning buzzer & flashing beacon
Weight	90kg (bare drum)
Dimensions	83 cm W x 70 cm D x 66 cm H
Power supply	Input: 110 - 240 VAC 50/60 Hz Output: 24 VDC, 1500 W
Dimensions power supply	30 cm W x 21 cm D x 40 cm H

Specifications subject to change without notice. E&OE