



Compact & powerful winch for USV systems

A compact and programmable direct drive profiling winch capable of lifting heavy loads that is suitable for integration on floating platforms (i.e. data buoys) and Uncrewed Surface Vehicles.

The winch is equipped with a transparent interface for motor control and feedback.

The system can provide notification of successful docking and zeroing of the winch position in addition to payout readings, and is fitted with a level wind and an automatic internal brake.

Features

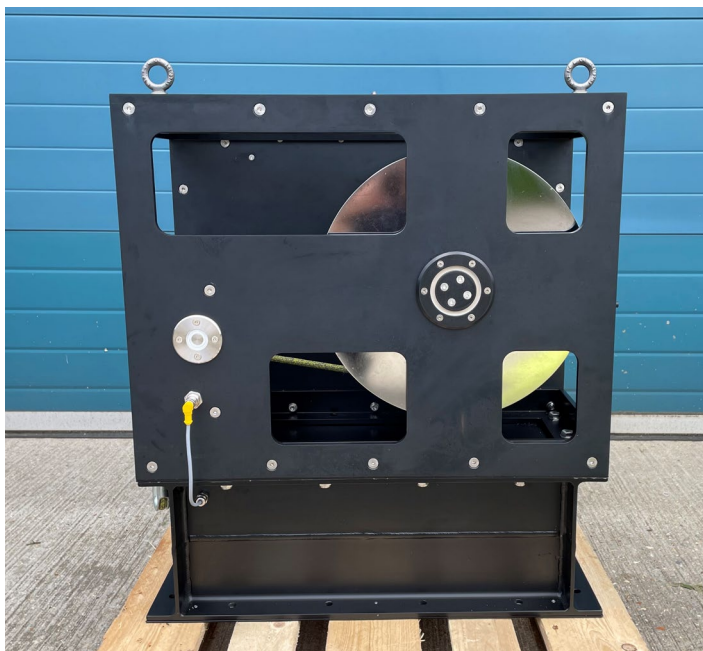
- Supplied with 5m interface cable for vessel
- Manual override on the winch for local control
- Auto-level (spool) wind fitted to control the rope lay on the winch
- Remote control Electronic Brake (hard-lock)
- Holding capacity 1400kg
- Manufactured under ISO9001 & CE

Applications

- Seabed Equipment Deployment & Recovery
- Current profiling
- Water quality profiling
- Sound Velocity profiling
- Hydrophone deployment

Specifications

Materials & Finishing	316 Stainless Steel, High strength 7075 aluminium (hard anodised), Titanium
Motor Current Requirement	24V DC @ 140A 240V AC @ 15A
Brake Holding Force	1400kg
Line Diameter	8mm
Max. Line Pull	1400kg at outer layer
Line Speed	~0.2m/s
Drum Capacity	250m @ 8mm
Bolt Pattern	User configurable
Max. Dimensions (inc. connectors)	810 x 750 x 850mm
Weight	250kg



Customised systems available on request

FOR FURTHER INFORMATION PLEASE CONTACT:

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