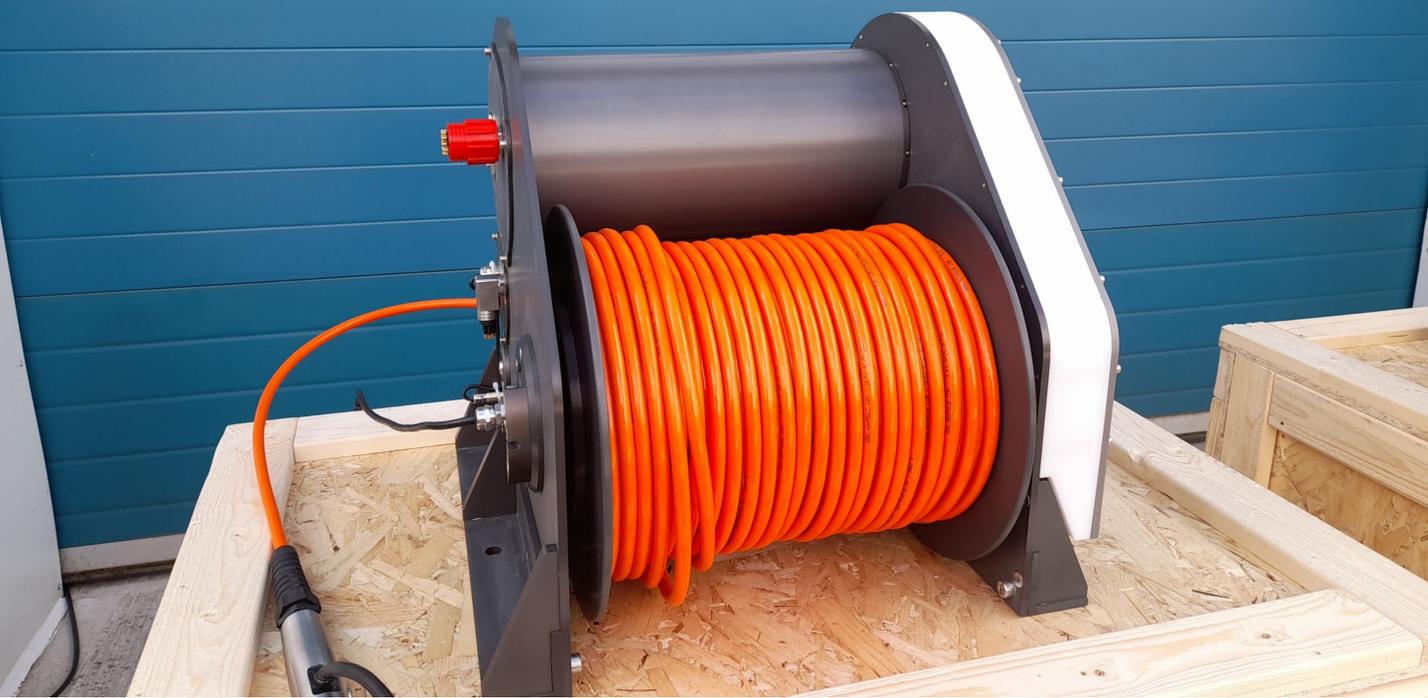


# PROFILING WINCH



## Compact programmable profiling winch

A compact and programmable direct drive profiling winch suitable for integration on floating platforms (i.e. data buoys) and Autonomous 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.

### Applications

- Camera deployment
- Current profiling
- Water quality profiling
- Sound Velocity profiling
- Hydrophone deployment



## Specifications

Materials & Finishing	High strength 7075 aluminium (hard anodised), Delrin
Motor Current Requirement	24V DC @ 25A
Holding Capacity	100kg
Line Diameter	3-8mm
Max. Line Pull	50kg at first layer
Line Speed	~1m/s
Drum Capacity	500m @ 3mm 100m @ 8mm
Bolt Pattern	User configurable
Dimensions	430 x 465 x 452mm (including connectors)
Weight	45kg



Sliprings are available on request

**FOR FURTHER INFORMATION PLEASE CONTACT:**

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