Hydraulic Winch 1



General Specifications

- Ideal for Deep water projects
- Dual configuration (Rope or Wire)
- Speed – Average 100m/minute
- Over 5000m (10mm)
- 3-Phase 65KW 50hz

Services

This purpose built sampling winch was constructed in 2012 specifically for deep water sampling operations. The unit has its own self-contained hydraulic power unit (HPU) within a compact deployment frame with four point wire sling harness for ease of mobilisation. The base of the frame is fitted with 8 sacrificial plates for sea fastening.

The winch has a line pull of 5000kg on the drum core and has a line speed of 59m/min. This increases to 127m/min at the outer wrap, averaging a typical line speed of 100m/min in operations in a 2km water depth.

The winch can be operated using a remote control console fitted with tension control and a computer of online speed, load and wire out calculations. Additional 6 conductor slip rings are also fitted for sonar or camera operations.



Specifics

Item	Value
Shipping Weight (Tare)	4915KG
Shipping Weight (Gross with Rope)	~ 6800KG
Shipping Weight (Gross with Wire)	~ 7500KG
Shipping Dimensions (L,W,H)	2200 x 2000 x 1800mm
Power	380-440, 65KW
Slip Ring	6 Conductor
Level wind	Yes
Cable counter	Yes
Pendant control	Yes
Line Pull	5000KG (1st layer)
Line Speed	0-125m/min

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