RBR

MEASURE THE BLUE PLANET

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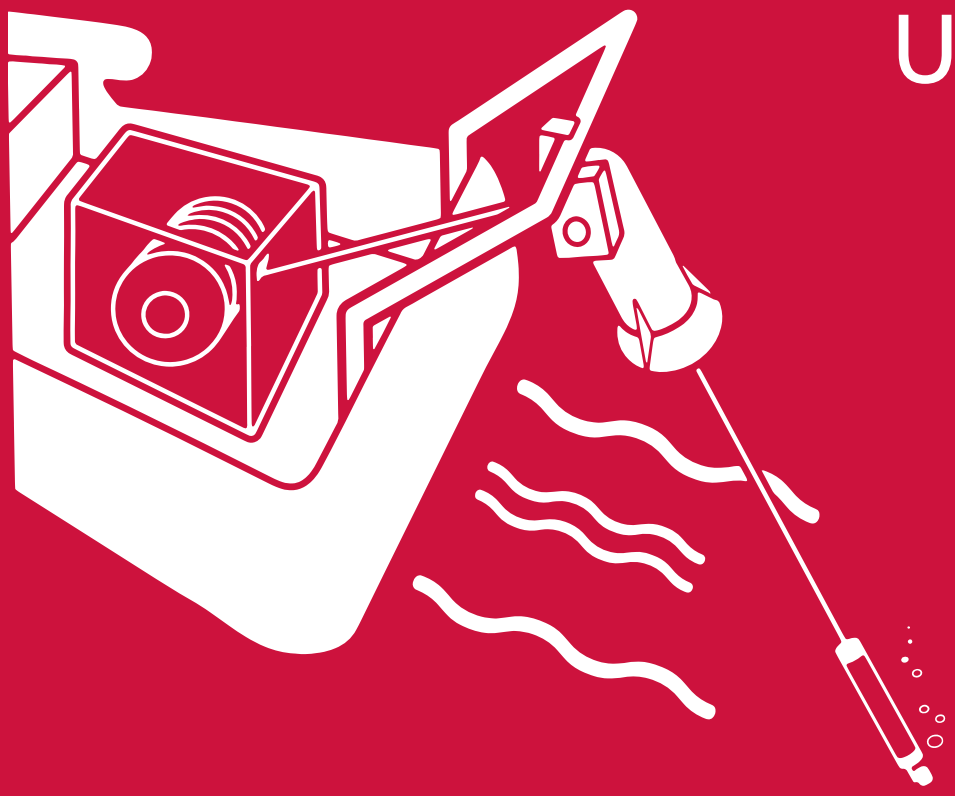
RBR*glissando*



UNDERWAY PROFILING WINCH

10m/s to 2000m

The RBRglissando underway winch enables automated free-fall profiling with instrument payloads up to 25kg. A configurable line speed up to 10m/s allows for operation while steaming normally without slowing down. This fully-automated system is designed for vessels with 3-phase and single-phase power sources, an optional boom arm solution allows it to be used on vessels with or without fixed A-frames or booms. The compact design is easy to install and occupies minimal deck space. The RBRglissando is controlled by the RBR software, Ruskin, offering wireless downloads after each profile and integration of ship and winch data.

FEATURES

- 10m/s line speed
- 2000m line length
- Compact design
- Automated profiling
- Automatic download
- GPS data merging

- 10m/s pay-out line speed
- Compact design occupying minimal deck space
- 2000m ø3mm or ø4mm Dyneema® (1000kg or 1800kg breaking load)
- Automated system control through Ruskin
- Wireless download after each profile (when paired with RBR CTD)
- Seamless integration of ship and winch data

UNDERWAY PROFILING WINCH

10m/s to 2000m

Specifications

Power and communication

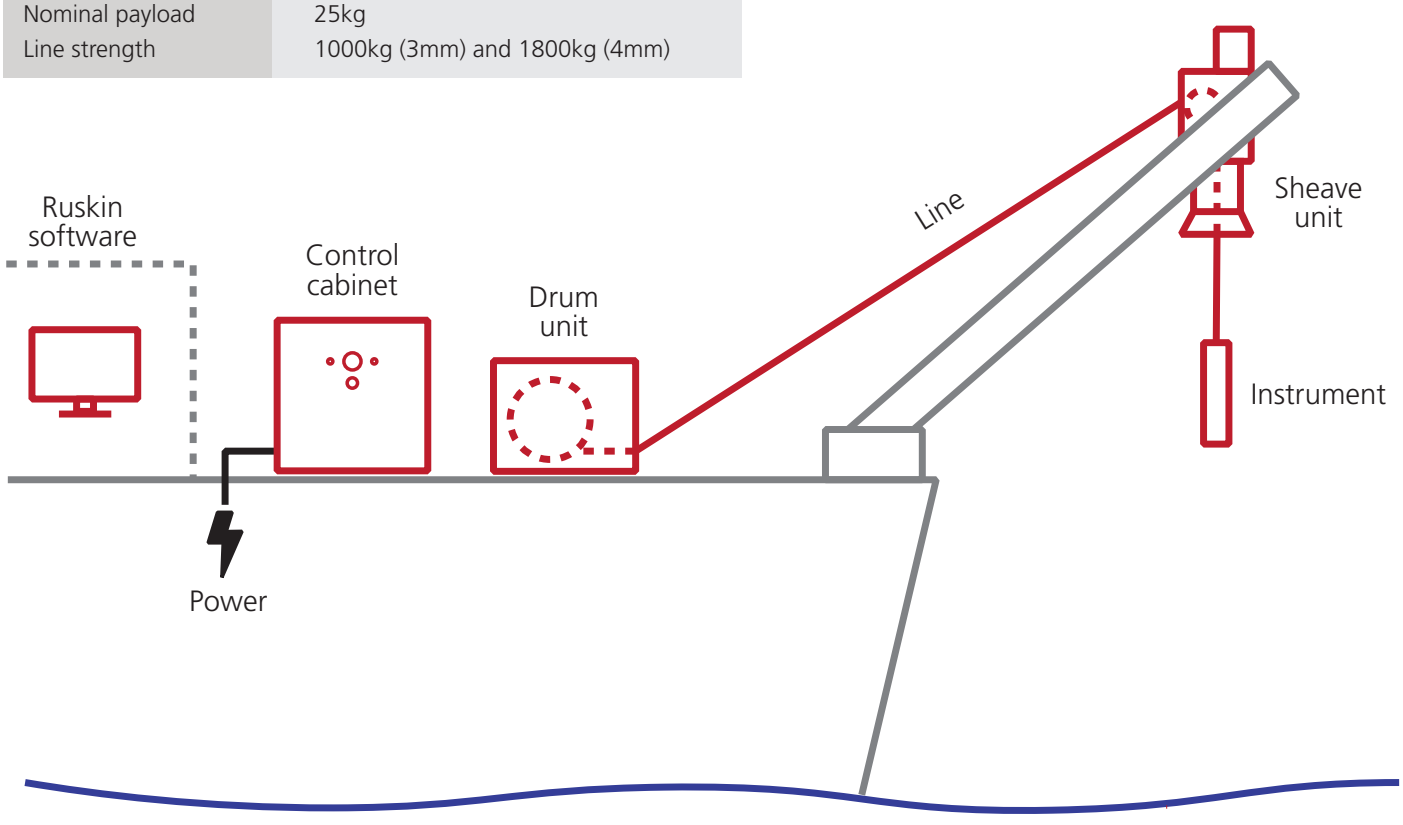
Supply voltage	400 - 480V 3-phase AC or 240V single-phase
Power consumption	15kW drum motor, 4kW sheave motor
Communication	Ethernet and Wi-Fi
Software	Ruskin

Operation

Line type	ø3mm or ø4mm Dyneema
Line length	2000m
Line speed	from 0 to 10 m/s in both directions
Nominal payload	25kg
Line strength	1000kg (3mm) and 1800kg (4mm)

Mechanical

Dimensions	
Drum unit	650mm × 650mm × 650mm
Sheave unit	400mm x 230mm x 180mm
Control cabinet	1200mm x 600mm × 400mm
Weight	
Drum unit	100kg
Sheave unit	15kg
Control cabinet	60kg



Layout of winch components

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