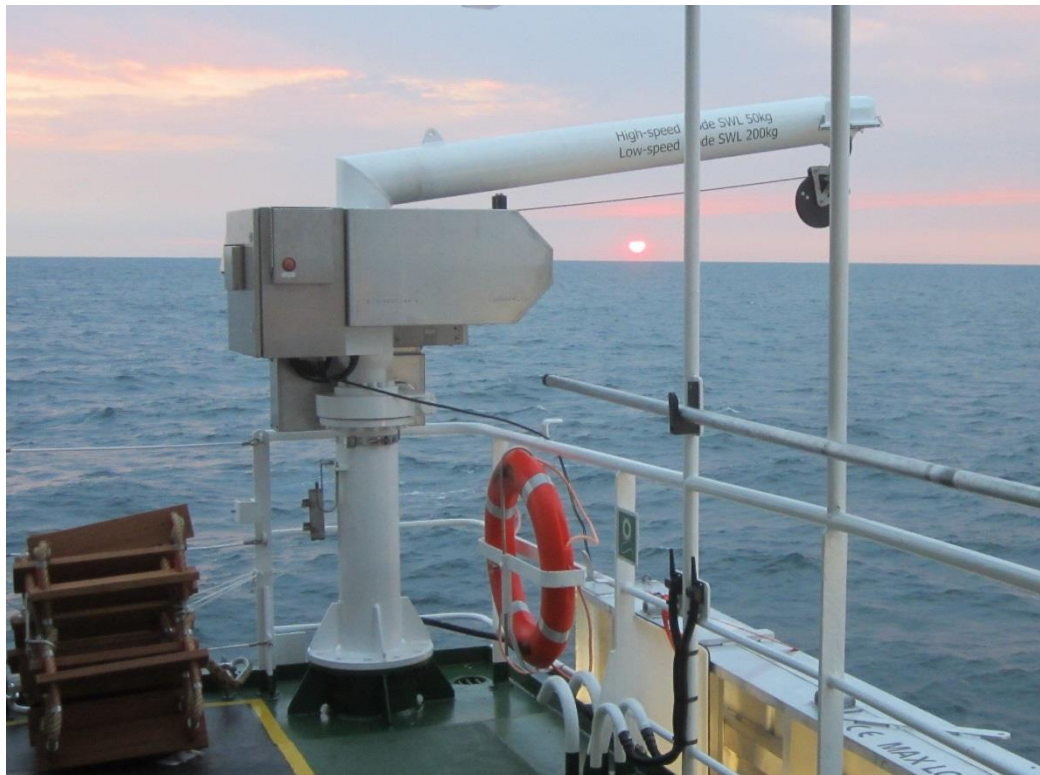


# LIER-045

Survey Winch with Davit system

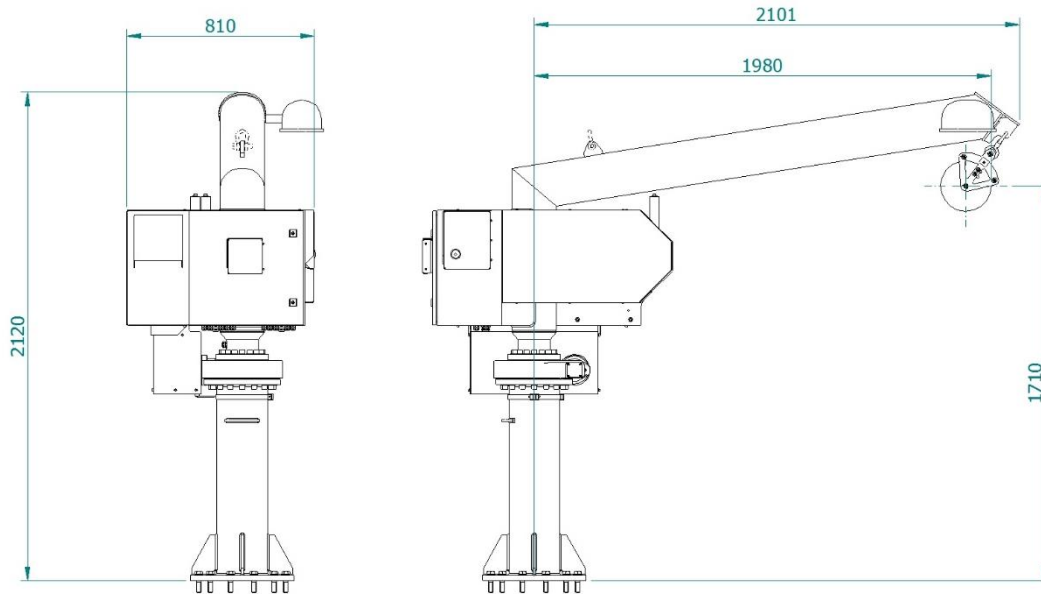


## Highlights

- Designed for launching hydrographical purposes such as CTD probes
- Line pull capability up to 300 kg on first layer (Seastate-4)
- Winch speed adjustable up to 68 m/min on outer layer
- Frame and drum made of AISI 316L Stainless steel
- Stainless steel control cabinet
- High tensile steel Davit construction
- Motor anti-condensation heating integrated
- IP65 rated remote control pendant with up, down and emergency stop button
- 400 - 440V AC supply 50-60Hz
- Slew gear
- Spooling gear

## Specifications

Mechanical		Environmental	
- Frame dimensions	See drawing below	- Temperature range	-10..+40 °C
- Drum dimensions	Ø250 x Ø380 x 403mm		
- Drum capacity	1.000m*		
- Cable/wire diameter	5mm		
- Layers	16 layers		
- Weight	650 kg		
* cable capacity depends on cable diameter			



Electrical	
- Voltage	400 - 440 V AC (3P+PE)
- Power (winch)	3,0 kW
- Power (remote)	750 W
- Frequency	50 - 60Hz +/- 5%

Performance	
- Line Pull (Normal mode)	300kg on first layer 200kg on outer layer
- Line Pull (High speed mode)	125kg on first layer 85kg on outer layer
- Speed (Normal mode)	0 - 45 m/min on outer layer
- Speed (High speed mode)	0 - 68 m/min on outer layer

SWL	
- Normal mode	200kg
- High speed mode	50kg

**Lifting wire (preferred)**  
12 strand Fibre rope  
Dyneema Sk75 at least 4mm (SWL 175kg)  
or equivalent

**Optional alternative**  
Stainless steel 19x7 (non rotating)