



Hawboldt Employees spool customer's cable onto the winch using a large traction winch to provide the necessary tension. Full factory load testing was carried out under DNV survey.

Application: Deploying and recovery of Olympian class deepwater ROV.

- Features:**
- Planetary gearbox with variable displacement motor (2 speed ranges)
 - 3 braking systems: hydraulic, failsafe disk (gearbox), failsafe band (drum)
 - Winch designed and tested to DNV "Rules for Certification of Lifting Appliances", type approval certificate S-3510
 - Built under DNV survey using -20°C , low temperature steel
 - Hollow stub shaft to accommodate Focal model 176 slip ring
 - Surround frame with corner lifting lugs designed to DNV 2.7-1
 - 150 hp power unit with raised operator's platform
 - Diamond screw levelwind, adjustable from $0-90^{\circ}$ cable exit angles

- Options:**
- Payout and line speed display
 - Lebus grooved shell
 - DNV approved lifting sling

Specifications / Performance	
Bare Drum (low range)	39,000 lbs. @ 112 ft/min (17,690 kg. @ 34 m/min)
Full Drum (low range)	22,600 lbs. @ 193 ft/min (10,250 kg. @ 59 m/min)
Capacity	10,827 ft. of 1.6" dia. cable (3,300 m of 40.5 mm)
Drum Size	48" dia. barrel, 96" dia. flanges x 71" wide
Power Unit Size	150 H.P.