



## UMBILICAL CABLE WINCH RAL-100

The Sound Ocean Systems, Inc. (SOSI) Series UCW-40144RAL-100 Umbilical Cable Winches are designed for large ROV umbilical storage and handling operations. The UCW series utilize an open tubular frame design and is delivered with separate hydraulic power units. This unit is a right angle levelwind (RAL) that is deck-mounted (DM) to a ship. It can be fitted with a variety of drum widths, cable storage capacities, line pulls, line speeds, horsepower and standard as well as optional features as listed below.

### FEATURES

- Separate electro-hydraulic power unit
- Hydrostatic drive
- Electro-active right angle levelwind
- Fail safe hydraulic brake
- Proportional remote control valve
- Stainless piping & fittings
- Lifting frame

### OPTIONS

- Slip ring assembly cable speed
- Scope & load display
- Stainless steel drip pans
- Lebus grooved drum covers
- Lift frame certification



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## SPECIFICATIONS

Drum capacity	14,500 ft. (1.62" Cable)
Line pull	40,000 lb. (Bare drum)
Line speed	0-100 fpm (full drum)
Winch:	
• Length	187.63 in.
• Depth	95.25 in.
• Height	112.62 in.
Drum:	
• Diameter	65.5 in.
• Flange diam.	94 in.
• Drum width	144 in.
HPU length	98 in.
Depth	90 in.
Height	75.4 in.
Levelwind:	
• Length	222 in.
• Depth	90 in.
• Height	68 in.
Electrical (HPU)	100 hp, 460 vac 125 A, 60 Hz, 3 Phase
Weight:	
• Winch	39,800 lb.
• Levelwind	9,800 lb.
• HPU	4,600 lb.

## OKEANUS SCIENCE & TECHNOLOGY, LLC