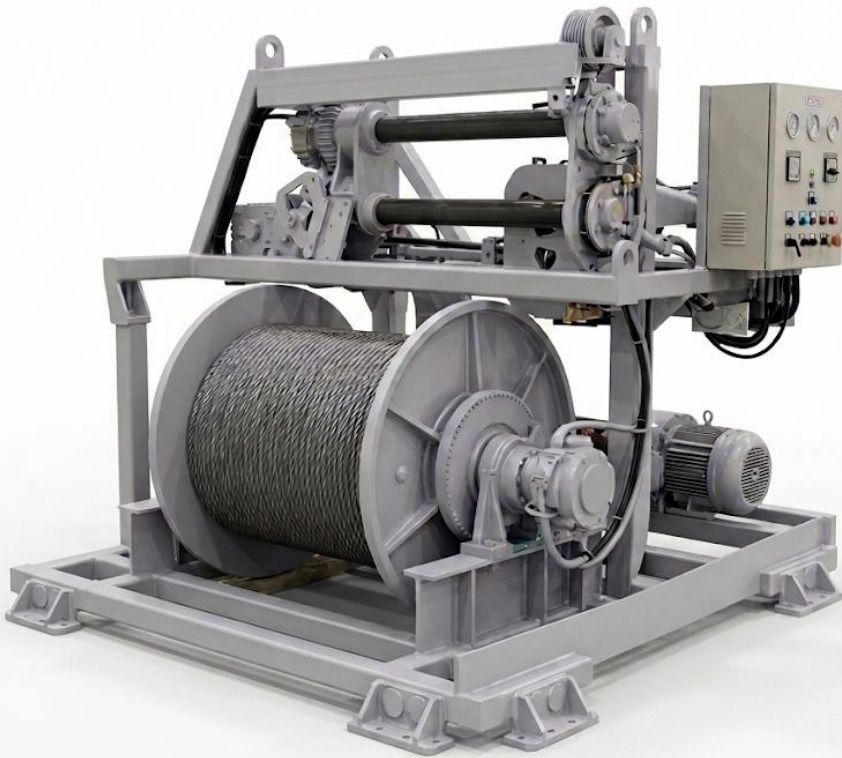


ODEX P



The ODEX P series of modular winches provides highly dependable and versatile solutions engineered to manage a diverse array of marine operations. Characterized by a compact footprint and an adaptable architecture, this series is explicitly designed to facilitate straightforward installation on vessels where deck space is restricted. The lineup consists of three standard iterations—the ODEX P10, P30, and P50—all of which are constructed for maximum durability and require very little routine servicing. To accommodate specific project demands, these systems can be customized across a variety of technical parameters, allowing operators to select preferred speed settings, pulling capacities, motor sizes, and cable volumes.

Functions

- Fully automated cable launch and recovery
- Servo-controlled spooling gear
- Automatic deviation detection and correction of spooling gear
- Cable drum with LEBUS cable groove
- E-Stop
- Close brake
- Hydraulic/manual band brake
- Wired/wireless remote control
- Information display: cable tension, speed, length device
- Low operating noise
- Cable / steel cable
- 10 major classification society certified
- Suitable for Sea State 5, emergency recovery under Sea State 6

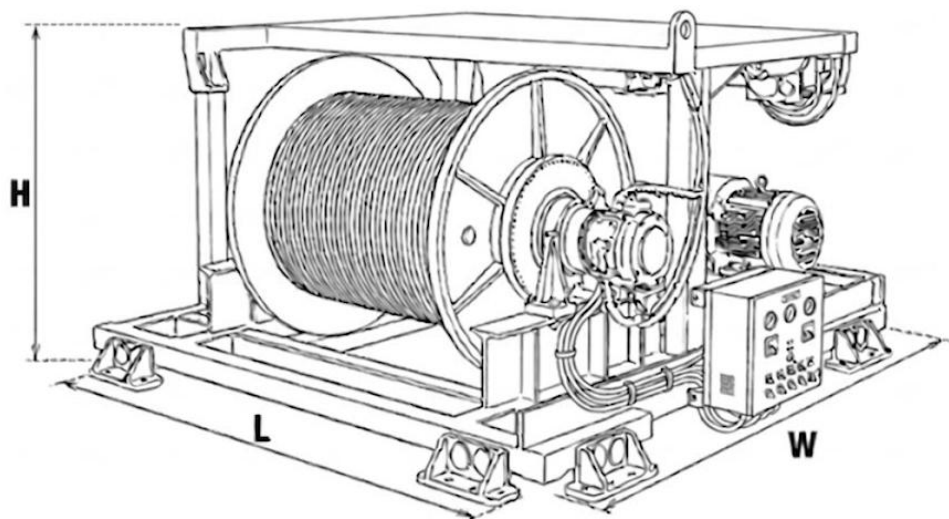
Options

- Integrated structure frame
- Traction device
- Active Heave Compensation (AHC)
- Passive heave compensation
- Active cable spooling
- Constant tension towing function
- Emergency release
- Fault diagnosis system
- Remote/video operation and monitoring
- Automatic cable cleaning and lubricating
- Armored optical fiber cable / coaxial
- Optical slip ring / electrical slip ring

Operational Cases

- **Acoustic Surveying & Mapping:** Fully compatible with side-scan sonar arrays and sub-bottom profiling technology for detailed seafloor imaging.
- **Subsea Robotics:** Optimized for deployment with standard Remotely Operated Vehicles (ROVs), including specialized light-class ROV systems.
- **Scientific Research & Sampling:** Ideal for managing oceanographic profiling suites, such as CTD sensors, and a wide array of general marine instrumentation.
- **Towed Systems & Platforms:** Designed to handle lightweight towed equipment, specialized survey platforms, and Remotely Operated Towed Vehicles (ROTVs).
- **Underwater Imaging & Video:** Built to support both underwater camera setups and marine television monitoring systems.
- **Dive Support:** Capable of managing subsea diver communication lines to ensure safe, constant connectivity.

Product Specifications



ODEX P			
Model	ODEX P10	ODEX P30	ODEX P50
Winch Dimensions (W x D x H) (mm)	613 x 347 x 665	1110 x 747 x 1214	1402 x 1466 x 1478
Drum Dimensions (Core/Flange x Length) (mm)	Ø159/255 x 225	Ø400/575 x 443	Ø480/850 x 610
Cable OD (mm)	3 - 6.5	6.35 - 14.4	8.18 - 14.4
Cable Capacity (m)	600 - 145	1300 - 165	3150 - 860
Winch Weight (kg)	89	500	1050
Pull Force @ Layer 1 (kN)	1.5	5.5	10
Speed @ Layer 1 (m/min)	0-46	0-62	0-37
Motor Power (kW)	1.5	7.5	11
Power Supply (V)	1x 230	3x 400/440	3x 400/440