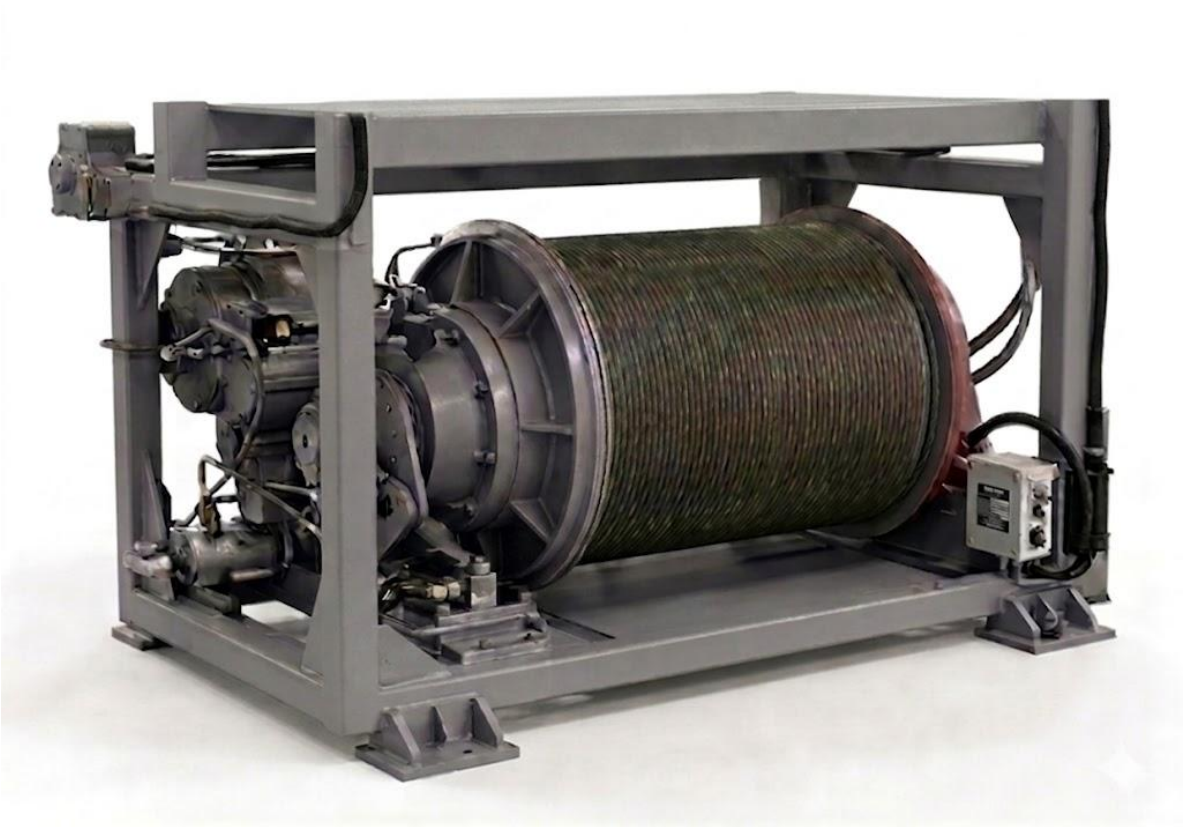


ODEX G



The ODEX G series offers robust, electrically powered winch solutions engineered for the safe deployment, operation, and retrieval of inspection and work-class ROVs.

These high-performance, user-friendly systems are available in both standard and bespoke configurations, allowing for seamless integration with moon pool or other launch and recovery setups. Thanks to their compact, modular architecture and use of standardized components, these winches are easily tailored or upgraded to meet specific operational requirements.

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

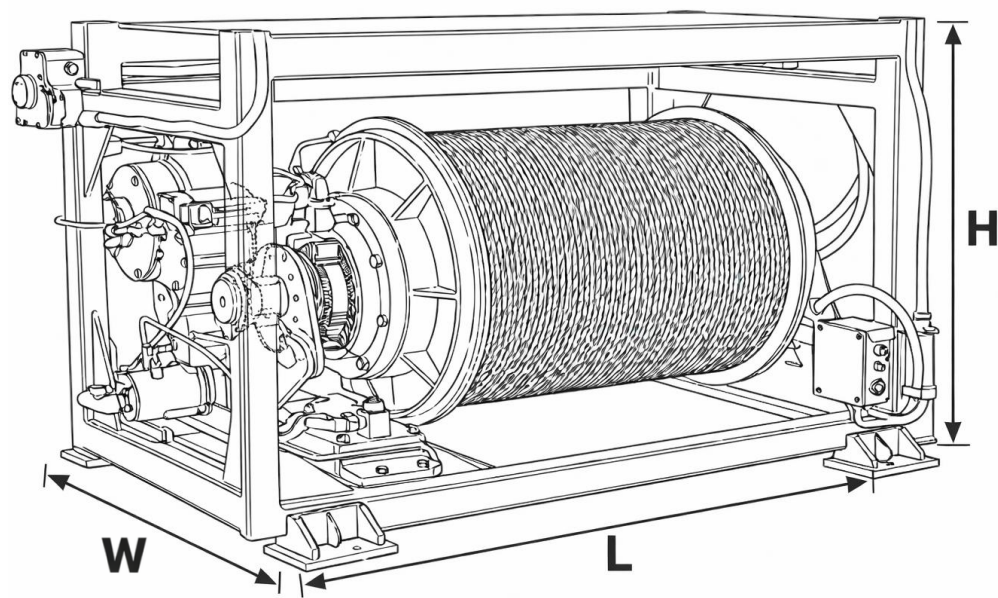
Options

- 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

- **Remote Operated Vehicles (ROVs):** Fully compatible with both high-duty work-class and specialized inspection-class ROV systems.
- **Towed Systems:** Suitable for handling various underwater towed vehicles and arrays.
- **Subsea Infrastructure:** Designed for the deployment and management of subsea installations and related equipment.
- **Marine Research & Instrumentation:** Flexible enough to support general marine instrumentation needs and scientific sampling tasks, such as piston corer handling.
- **Lifting & Heavy Handling:** Capable of operating as a subsea crane to facilitate complex underwater lifting operations.

Product Specifications



ODEX G			
Model	ODEX G10	ODEX G30	ODEX G50
Winch Dimensions (W x D x H) (mm)	1475 x 1275 x 1600	2350 x 1500 x 2025	2925 x 2100 x 2700
Drum Dimensions (Core/Flange x Length) (mm)	Ø460/680 x 650	Ø560/1085 x 1070	Ø720/1525 x 1530
Cable OD (mm)	8.18 - 15	8.18 - 17.3	15 - 25.4
Cable Capacity (m)	1575 - 415	10000 - 2000	9000 - 2850
Winch Weight (kg)	1700	2800	6250
Pull Force @ Layer 1 (kN)	15	28	80
Speed @ Layer 1 (m/min)	0-50	0-39	0-40
Motor Power (kW)	15	22	75
Power Supply (V)	3x 400/440	3x 400/440	3x 400/440