

ODEX A



The ODEX A series provides a flexible, retractable solution for equipment handling, featuring A-frames and auxiliary davits engineered for dependable operation and precise control. These systems are adaptable for both fixed and mobile setups, handling everything from compact research sensors to heavy-duty work-class ROVs, while their space-saving design ensures compatibility with almost any vessel by allowing easy winch integration.

The standard ODEX A line-up offers everything from small, compact units to highly capable, foldable mobile models. When paired with an ODEX P-series winch, these davits facilitate rapid, effective deployment and recovery of marine instruments—such as side-scan sonar, inspection tools, and observation-class ROVs—and are available with or without dedicated power units, offering intuitive control and safe reach.

Functions

- Mechanical safety protection limit
- Overload protection
- E-Stop
- Power failure protection
- Stepless speed adjustment and automatic joystick reset
- Linked control of A-frame and winch
- Suitable for Sea State 5

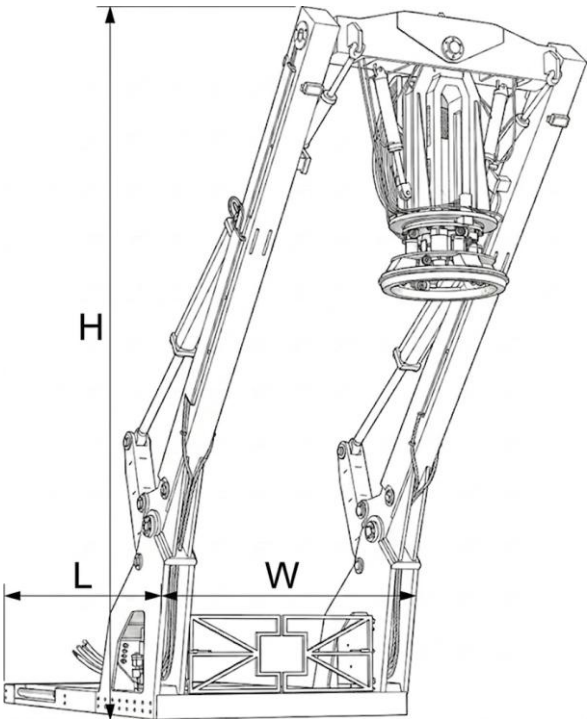
Options

- Remote control
- Digital load display
- LED lighting
- Upper lifting limit
- Integrated docking head with steel cable winch

Operational Cases

- Industrial-grade Remotely Operated Vehicles (ROVs)
- ROVs designed for observational tasks
- Towed sensor arrays and instrumentation frames
- Side-scan sonar technology
- Academic research instrumentation, sensory hardware, and scientific apparatus
- Underwater sampling operations and drilling infrastructure
- Standard maritime instrumentation

Product Specifications



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Model	ODEX A10	ODEX A20	ODEX A45	ODEX A50
SWL (kN)	8	30	89	120
Design Factor	3	3	2.5	3
DNV 2.22	Yes	Yes	Yes	Yes
Docking Head	No	Yes	No	Yes
Weight (ton)	2.0	8.5	7.7	19.5
Base Width (mm)	2075	2860	7440	3990
Base Length (mm)	2500	6040	1605	6485
Base Height (mm)	5945	6770	6400	10610
Total Height Spend (mm)	5180	4195	6000	6135
Overhang Distance (mm)	3500	3960	4700	6080