



- ROV designed for tough conditions
- Reliable and well proven design
- Quick and easy mobilization
- Very good stability
- Plenty of power
- Interface for standard tools
- Quality at an affordable price
- Require a minimum of maintenance
- Made in Norway



ROV SPECIFICATION

Vehicle	LWH 280 x 171 x 164 cm.
Frame	Anodized aluminum
Housings	1 x Control Cylinder 2 x Thruster Control Cylinder
Weight in air	1900 kg approx.
Payload	50 kg approx.
Max depth	Standard 1000 m. (optional up 6000 meters)
Buoyancy	Syntactic foam
Power input, TBA	400 VAC / 440 VAC 3 phase 60 kW
Thrusters	6 thrusters á 10kW 1 x Lateral (double propellers) 2 x Horizontal 3 x Vertical
Speed approx.	Horizontal 3 knot, Vertical 1.9 knot Lateral 1,2 knot, Turn >60 deg/sec
Pan /Tilt	Pan/ Tilt ±45°
Cameras	4 x IP-camera, all simultaneous video channels 4 megapixel

Sperre AS reserves the right to change prices and specifications without notice.
 Sperre AS take the reservations for errors and omissions in this data sheet.

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Light interfaces	6 off, total 1500 W
Lights, standard	2 x BOWTECH V-LED-series Dimmable
Sensors	Depth sensor Compass Moist sensors
Auto functions	Auto depth, Auto heading, Auto altitude (option)
Multiplexer fiber, telemetry	Sperre Control System
Interfaces and survey channels, standard	Sonar, 1 x RS 485, 24 VDC Transponder power 24 V DC Video, 4 off Lights, 6 off Actuator, 4 off Survey channels, 3 x RS 232/RS 485 12/24/48 VDC

OPTIONAL EQUIPMENT

TMS	TMS prepared
Manipulator	Electric grabber and rope cutter
HD camera	Zoom camera, HD block, PAL, 1080 TV lines, 1,5 lux, 18 x optical 4 x digital zoom
Cable cutter and rope cutter	Cutter for 19 mm. steel rope, complete with HPU and valve pack. Rope cutter 65mm
Manipulator hydraulic 5-7 function and HPU	Manipulator, valve pack, 1kW. HPU, hoses and fittings, additional buoyancy, control box, valve control card
Secondary PanTilt	Pan/ Tilt $\pm 270^\circ$
Survey channels	TBA
Ethernet interface	1 x 1000 Mbit/s, data & power on connector (24 VDC @ 5 A) – DBH13F
Sonar	Kongsberg Simrad MS 1000, 330 kHz, scanning sonar
Altimeter	Kongsberg 1007D / Valeport VA 500
Latch	5 ton Latch
AC Tooling	Thruster, drill, grinder, pump, AC tool
Secondary PanTilt	Same as standard

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