

- 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 162 x 91 x 98 cm., footprint
Frame	Anodized aluminum
Housings	3 x 1 atm.
Weight in air	550 kg approx.
Payload	20 kg approx.
Max depth	Standard 1000 m. (optional 3000 and 6000 meters)
Buoyancy	Syntactic foam
Power input, TBA	230 / 400 / 440 VAC, 3 phase 15 kW
Thrusters	7 thrusters, Horizontal 4 x 2000W, Angled Vertical 2 x 2000 W, lateral 1 x 2000W
Speed approx.	Horizontal 3,5 knot, Vertical 1.9 knot Lateral 1,5 knot, Turn >60 deg/sec
Pan /Tilt	Pan 45 degrees, Tilt 90 degrees
Camera interfaces	4 off ethernet interface
Camera 1, standard	HD IP Camera
Camera 2, 3 & 4 option	Additional HD IP cameras or HD IP Wide angle
Light interfaces	4 off
Lights, standard	2 x LED-V
Sensors	Depth sensor Compass Moist sensors
Auto functions	Auto depth, Auto heading, Auto altitude (option)

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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Interfaces and survey channels, standard

Sonar, 1 x RS 485, 24 VDC
 Transponder power 24 V DC
 Video, 4 off
 Lights, 4 off
 Actuator, 4 off
 Survey channels, 1 x RS 232, 1 X RS 485, 24 V

OPTIONAL EQUIPMENT

TMS	TMS prepared
Manipulator	Electric grabber and rope cutter
Cable cutter	Cutter for 19 mm. steel rope, complete with HPU and valve pack
Manipulator hydraulic 5-7 function and HPU	Manipulator, valve pack, 1kW. HPU, hoses and fittings, additional buoyancy, control box, valve control card
Survey channels	2 x RS 232, 24 V 3 A (may be expanded)
Survey channels	1 x RS 485, 24 V 3 A (may be expanded)
Ethernet interface	3 x 1000 Mbit/s
Sonar	Kongsberg Simrad MS 1000, 330 kHz, scanning sonar Norbit (real-time) Teledyne Blueview M900 (real-time)
Latch	1,5 ton standard latch
Tooling	Thruster, drill rock, grinder, Hydraulic cutter, rotating brush, various tooling skid

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