



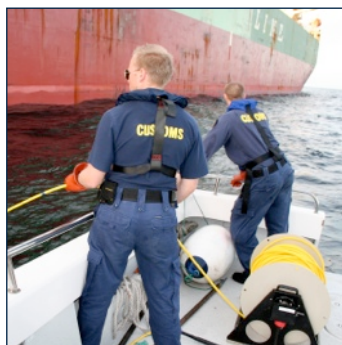
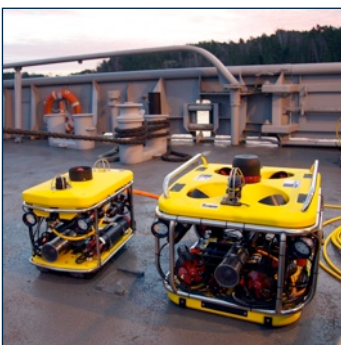
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ROV System Specification Comparison

*Specification tables display the maximum specification configuration available as standard.
Required peripheral equipment and peripheral equipment interfaces must be specified at order.*

Depth, size, speed, weight and payload can be customized for specific purposes by replacement of buoyancy material, frame dimension adjustment and thruster angle adjustment.

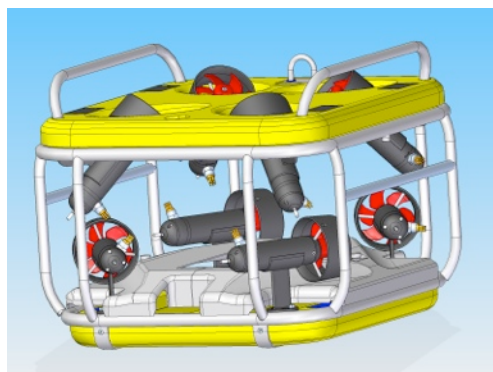
Errors and Omissions Excepted.



	V8 L3000 Offshore	V8 M500 Intervention
Depth	3000 m	500 m
Frame	Stainless Steel	Stainless Steel
Size	1190/840/890 mm	840/655/670 mm
Speed	2.5 knots (variable)	3 knots (variable)
Weight in Air	270 kg	70 kg
Payload	30 kg	12 kg
Thrusters	8x T150 (10x option)	8x T110 HV (10x option)
Power	10x 1500 W	10x 750 W
Control System	V8 360° Freedom	V8 360° Freedom
Diagnostics	ROV Analyser Software	ROV Analyser Software
Operating Temp.	-5°C to 40°C	-5°C to 40°C
Primary Fuses	Auto Resetting Electronic	Auto Resetting Electronic
Secondary Fuses	Thermal (Disaster Protection)	Thermal (Disaster Protection)
Cameras	6x Analog Composite 2x High Definition	4x Analog Composite 2x High Definition
Illumination	8x LED	4x LED
Data	Gigabit Ethernet 12x RS-232 12x RS-485	Gigabit Ethernet 4x RS-232 4x RS-485
Analog Input	6x 0 to ±24 V 3x 0 to 5 V 3x 4 to 20 mA	2x 0 to ±24 V 1x 0 to 5 V 1x 4 to 20 mA
Analog Output	16x 0 to ±12 V	2x 0 to ±12 V
Manipulator	1F 5F (skid-mounted)	1F 5F (skid-mounted)
Power Output	Fixed 24 VDC Adjustable 5 to 18 VDC 2x 400 W	Fixed 24 VDC Adjustable 5 to 18 VDC 400 W



	V8 Sii	V4 MKII
Depth	500 m	300 m
Frame	<i>Stainless Steel</i>	<i>Stainless Steel</i>
Size	750/480/650 mm	660/400/500 mm
Speed	3 knots	3 knots
Weight in Air	50 kg	30 kg
Payload	10 kg	5 kg
Thrusters	8x T110	4x T110
Power	8x 750 W	4x 750 W
Control System	V8 360° Freedom	V8 360° Stable
Diagnostics	PCU/Overlay Display	PCU/Overlay Display
Operating Temp.	-5°C to 40°C	-5°C to 40°C
Primary Fuses	<i>Surface Mounted</i>	<i>Surface Mounted</i>
Secondary Fuses	–	–
Cameras	2x Analog Composite (switched)	2x Analog Composite or 1x Analog + 1x High Definition
Illumination	2x LED + 2x Halogen	2x LED
Data	1x RS-232/RS-485 or 1x Ethernet Extender	Gigabit Ethernet 1x RS-232 2x RS-485
Analog Input	<i>customizable</i>	<i>customizable</i>
Analog Output	<i>customizable</i>	<i>customizable</i>
Manipulator	1F 5F (skid-mounted)	1F
Power Output	<i>Fixed 24 VDC</i>	<i>Fixed 24 VDC</i>



Umbilical Cables

	V8 L3000 Offshore	V8 M500 Intervention	V4 / V8 Sii
Max Length	2000 m	600 m	300/1500 m
Diameter	17 mm	16 mm	12.5 mm
Connection	Quick-Connect Junction	Quick-Connect Junction	Quick-Connect Junction
Power	3x 1.0 mm ² Copper	4x 0.75 mm ² Copper	2x 0.75 mm ² Copper
Data	Single Mode Optical	Single Mode Optical	2x Copper Twisted Pair (Single Mode Optical Option)
Shield	metallized polyester with copper drain wire	metallized polyester with copper drain wire	metallized polyester with copper drain wire

V8 M500 / V8 Sii / V4 Surface Units

	Standard SU (V8 M500/V8 Sii/V4)	Standard PC
Width	19" rack	19" rack
Height	4U	2U
Power Supply	170-265 VAC 16 A / 3.5 kW single phase	100-240 VAC compliant with ATX 2.03
ROV Power	315 / 600 / 180 VDC	–

V8 L3000 Offshore Surface Units

	Power Unit	Control Unit	Standard PC
Width	1000 mm	19" rack	19" rack
Height	405 mm	4U	2U
Power Supply	400/440 VAC 32 A / 12 kW three phase	230 VAC 10 A / 2 kW single phase	100-240 VAC compliant with ATX 2.03
ROV Power	3000 VAC / 12 kW 400 Hz, three phase	–	–



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