

VEHICLE SPECIFICATION

GENERAL

Depth rating	
Standard	3000msw
Optional	4000, 6000msw

Dimensions	
Length	≤ 3306mm
Width	≤ 1800mm
Height	≤ 1900mm
Weight in air (full construction spec)	4050kg
Payload	400kg
Through frame lift	4000kg
Aft TDU mounting	TBC

PERFORMANCE

Bollard pull	(actual)
Forward/aft	1300kgf
Lateral	1300kgf
Vertical (up)	1500kgf

Surface performance	
Forward	4.5kn
Lateral	3.5kn
Vertical	3.7kn

Auto functions	
	Heading
	Depth
	Altitude
	ROV DP

Thruster configuration	
Horizontal vectored	4 x Curvetech®
Electric	390
Vertical	4 x Curvetech®
Electric	390

POWER

Vehicle power system	DC
Total vehicle power	200kW (268hp)
Battery compatible	Yes

TOOLING

Depth rating	
Standard hydraulic power unit	- 50kW (68hp)
Optional hydraulic power unit (200hp)	-100kW (136hp) 150kW (2x isolated circuits)

Spare hydraulic channels	
Standard	1 x Curvetech® 8ch MCU 1 x Curvetech® multifunction HCU 8ch LF module 4ch MF module 2ch HF module

INSTRUMENTS

Video capability	
Standard	6 x comp, 2 x HD
Optional	Up to 12 x comp, 4 x HD

Data	
Standard	8 x Ethernet 10/100T, 22 x serial RS232/485
Optional	6 x Ethernet 10/100T, 44 x serial RS232/485

Lighting	
Standard	Up to 16 dimmable LED
Gyro	
Standard	1 x Sonardyne Sprint

Camera pan/tilt	
Standard	Up to 2 Electric

Instrument power	
Standard	4kW
Manipulator	1 x 7F (pos feedback heavy duty)
Grabber	1 x 5F (rate, heavy duty)

CONTROL CABIN

Standard	20ft, A60 ISO, Zone II option
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Control system	
Standard	SMD ROV control hardware Hybrid Cyberchair, dual touchscreens 4 x 32" TFT video wall with video suite

Incoming power supply	380V-480Vac
Optional	690Vac 3 phase 60Hz/50Hz
TMS control/Interface	MD GarageE

DECK EQUIPMENT OPTIONS

SMD lightweight compact LARS
Active or passive heave compensation
Aramid/SWA umbilical choice