

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	4.5k
Lateral	3.5kn
Vertical	3.7kn
Auto functions	
	Heading
	Depth
	Altitude
	ROV DP
Thruster configuration	
Horizontal vectored	4 x Curveteck®
Electric	390
Vertical	4 x Curveteck®
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	-100kW (136hp) 150kW (200hp) (2x isolated circuits)
Spare hydraulic channels	
Standard	1 x Curveteck® 8ch MCU 1 x Curveteck® 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	
Control cabin	
Standard	20ft, A60 ISO, Zone II option
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