

Seaeye COUGAR XT

Light Workclass ROV



Features

2000m operating depth

80kg payload

Passive TMS or Free-Swimming

Vehicle Weights/Dimensions/Depth

Weight in air	344kg
Dimensions LxWxH	152 x 100 x 79cm
Depth Rating	2000m
Payload	80kg

Vehicle Power/Performance

Horizontal	4 x 243mm vectored thrusters
Vertical	1 x 243mm thrusters
Forward speed	3.2 knots
Bollard Pull (Nominal)	
Forward	170Kgf
Lateral	120Kgf
Vertical	110Kgf

Vehicle Cameras/Lighting

Camera	Four live video channels 1x Colour and 1x Low Light B&W fitted 2x Spare video channels Pan & Tilt mechanism
Lighting	160W of dimmable LED lights Two channels

Vehicle Control/Navigation

Automatic Control	Heading Depth Altitude (Optional)
Sonar	Tritech Super Seaking
Altimeter	Tritech PA200

Equipment Interfaces

- 1x Spare Fibre Optic
- AUX1: 0V 24V, 1x RS485 & 1x RS232
- AUX2: 0V 24V, 1x Ethernet 100 MBPS (using spare fibre)
- AUX3: 0V 24V, 1x Twisted pair, 1x RS232
- 4.5 KW 660VAC (tooling dedicated power line)

Additional Equipment

	- 2x Hydrolek HLK-HD5 5 function manipulator skid available as standard
Skids	AX Ring removal skid, wheel skid
Tooling	Water jet, cutting, bespoke
NDT	CP Probes, UT Gauges
Other	Variety of survey sensors

Tether Management System

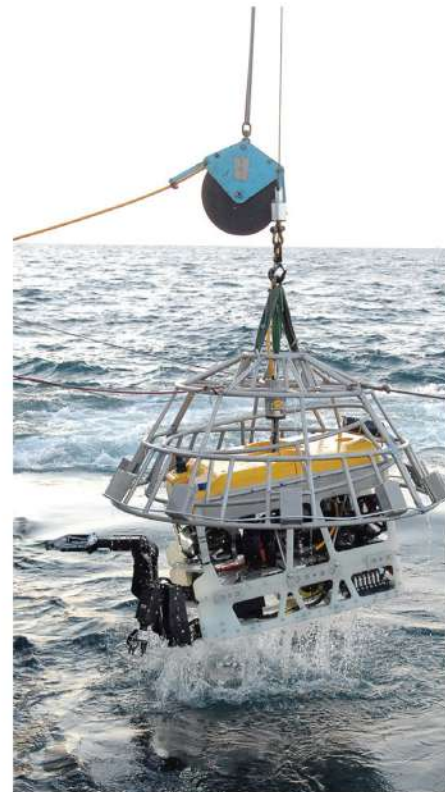
TMS	Passive top hat cage
Tether length	320m

Control Cabin

System power	63A, 3-Phase supply 380-480VAC 50/60 Hz
Dimensions LxWxH	6.0 x 2.5 x 2.9m
Weight	8T
	- 6x 19" LCD Screens
	- 2x Hard drive video recorders
	- 1x Canford audio communication system
	- 2x Computers
	- 1x Printer
	- 1x AC System

Storage Cabin

Dimensions LxWxH	3.1 x 2.5 x 2.9m
Weight	6T



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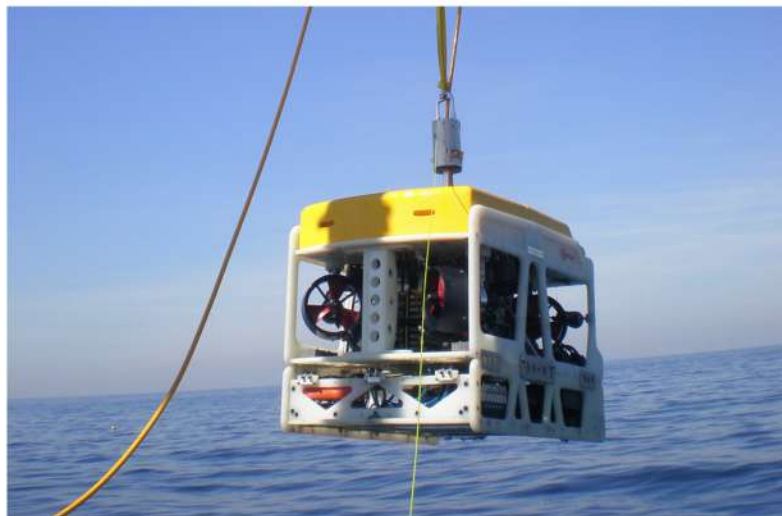
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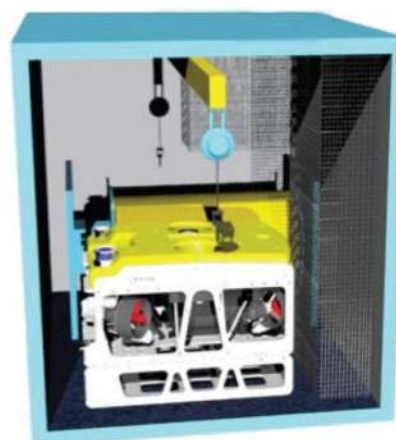
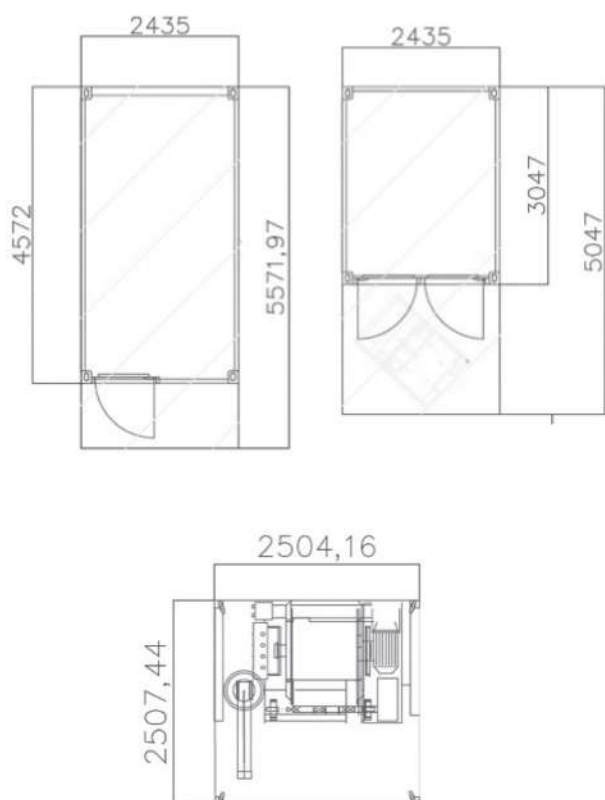
Details correct at time of print



Free swimming system upgraded with passive TMS
Ideally suited to shallow water work from a DP vessel



Deck arrangement and dimensions



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