



Cougar- XT Compact Inspection Class ROV



The Seeye Cougar-XT Compact is the shallow water compact version of the Cougar-XT. This high performance, extremely powerful ROV will benefit Innovatum's clients by:

- Allowing operations to take place during increased weather and in stronger tidal currents
- Being especially well-suited to small vessels and shallow waters
- Providing a more stable platform for the Innovatum Smartrak cable and pipe tracker which will result in improved survey data.

The Cougar-XT Compact offers unrivalled performance for its size and class thanks to a drag-reducing lower profile, high performance thruster arrangement and low resistance tether.



Features

- 300 metres Depth rating
- Propulsion 4 x vectored horizontal and 2 x vertical
- 60 kg payload
- 170 kgf thrust
- Cable and Pipe tracking survey equipment fitted
- Powered Winch.



Chassis

The extremely rugged polypropylene and stainless steel chassis is totally maintenance free, non corroding and self-supporting in seawater.

Propulsion

Four vectored horizontal and two vertical brush less SM7 500 Volt DC thrusters provide full three-dimensional control of the Cougar - XT Compact and one of the highest thrust to weight ratios in it class.

Cougar- XT Compact

Technical Specifications

Remotely Operated Vehicle

Manufacturer	Saab Seaeye Ltd
Depth rating	300 msw
Power Requirements	3-phase 380-480 VAC at 18kVA
Length	1300 mm
Height	784 mm
Width	900 mm
Launch weight	270 kg
Forward speed	3.8 knots
Thrust forward	170 kgf
Thrust lateral	120 kgf
Thrust vertical	110 kgf
Payload	60 kg
Propulsion	Six SM7 Brushless DC thrusters 4 x vectored horizontal and 2 x vertical
Auto Functions	Depth and Heading
Heading Control	0.5 degrees
Depth Control	0.1% FSD
Lighting	4 x LED Lamps (total equivalent to 800W halogen)

Vehicle Equipment Fit

Camera System	1 x Kongsberg Colour Zoom Camera (18:1) 1 x Seaeye wide angle Low - Light B&W Camera 1 x Seaeye mini B&W Camera, rear facing
Sonar	1 x Tritech Super SeaPrince
Manipulator Skid	Hydro-Lek MB4 Gauntlet
Emergency Flasher	Fitted as Standard
OPTIONAL	Tritech Gemini Ixsea Blue Octans Nano Innovatum Smartrak



All specifications are subject to change in line with Innovatum's policy of continual product development