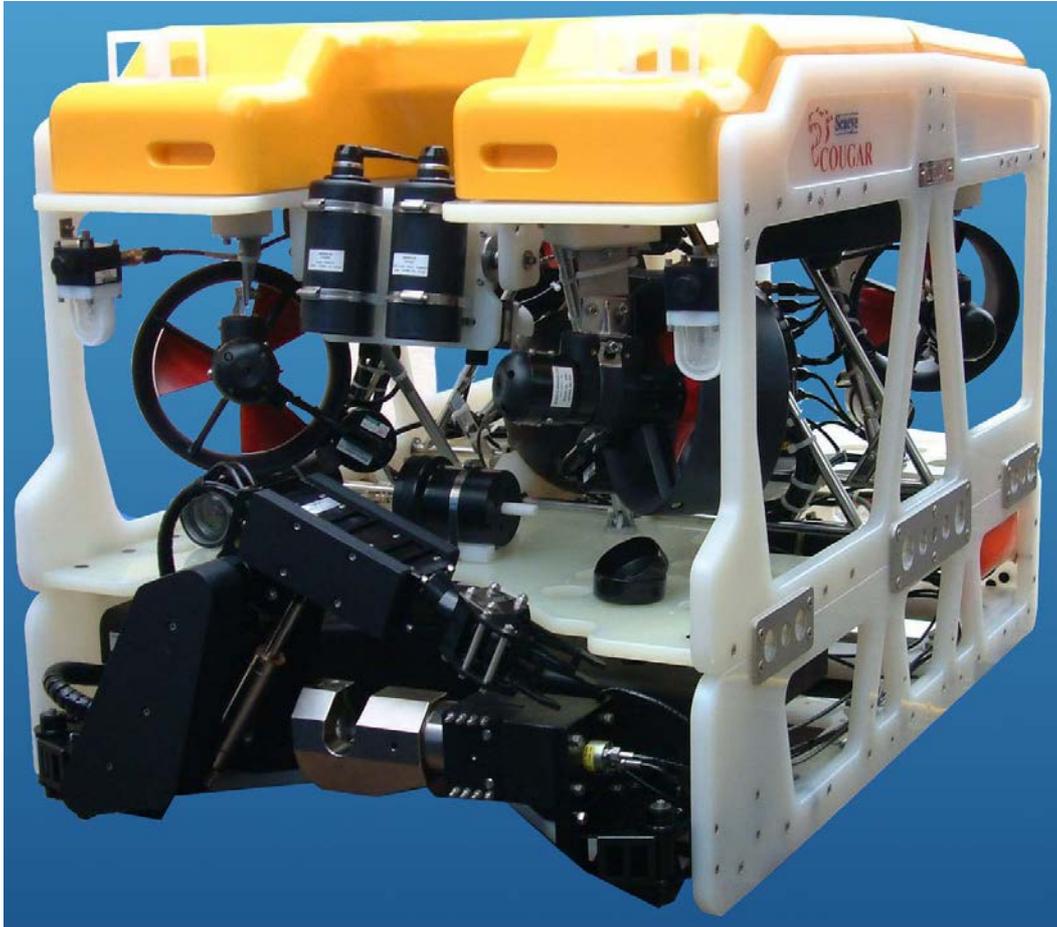


## Light Work Class ROV

### Saab SeaEye Cougar XT



**Tamboritha's** 2,000m-rated *SeaEye Cougar XT* is a compact, highly-flexible and extremely powerful electric Light Work-Class ROV. Designed for heavier work in more extreme environments, the Cougar XT is superior in power to inspection-class ROVs, without the complexity, inefficiency and environmental risk associated with hydraulic ROVs.

Suited to light construction support, drill support and intervention and IRM, the *Cougar XT* is designed to carry a heavier payload, and **Tamboritha's** *Cougar XT* includes a 5-function grabber and a 6-function working manipulator as standard and hydraulic tooling such as torque-tools, boom arms, etc are available and can be easily installed by means of the hydraulic skid.

**Tamboritha's** *Cougar XT* has two options for launch and recovery. The primary option is the A-frame LARs and when deck space is limited there is the option is a marine-rated knuckle-boom crane. For fast mobilisations on short projects, it is also possible to utilise a ship's crane for launch and recovery, although this is not preferred.

Whether using the A-frame or the crane, the deck space required for the Cougar XT is minimal, as the controls/video suite and workshop/stores are housed in the same container and mobilisations are fast and relatively simple with only 2 or 3 lifts. To further enhance practicality, reliability and mobilisation-times, **Tamboritha's** *Cougar XT* is fitted with UPS system with the capability to filter power to the complete system, so it can typically be powered by the rig or vessel power system without the need for a generator.

All lift hardware is certified to EN12079 or DNV 2.7-1 and the system is equipped with sufficient spare parts to support operations in remote locations. To further enhance the capabilities of the *Cougar XT*, **Tamboritha** hold a stock of tooling for intervention, cleaning and inspection and also design and build bespoke tooling to suit customer requirement.

# Light Work Class ROV

## Saab SeaEye Cougar XT

### Technical Specifications

#### ROV Metrology

<b>Depth Rating</b>	2000msw
<b>Length</b>	1515mm
<b>Width</b>	1000mm
<b>Height</b>	790mm
<b>Weight (ROV)</b>	400kg
<b>Payload</b>	80kg

#### Sensors

<b>Sonar (Imaging)</b>	Dual, Tritech Super Seaking Sonars 325 KHz & 650KHz)
<b>Heading</b>	Gyro, flux-gate compass with azimuth stability. Accuracy $\pm 1^\circ$
<b>Depth</b>	Electronic depth sensor accurate to $\pm 0.1\%$ FSD accuracy
<b>Strobe</b>	Novatech, Model ST-400A "Double Burst" Flash

#### Deployment and Operations

<b>Launch and Recovery</b>	A-Frame LARS as standard, with option of boom crane if deck space is limited
<b>Umbilical Winch</b>	Combined Control
<b>Workshop/Spares</b>	Van/Workshop, stocked for remote operations

#### Tooling

<b>6-Function Work Manipulator</b>	Hydro-lek HD6
<b>5-Function Grabber</b>	Hydro-lek HD5
<b>Optional Tools</b>	

#### Power

<b>Thrusters</b>	SM7 high powered brushless DC thrusters (4 Horizontal & 2 Vertical)
<b>Thrust Forward</b>	170kgf
<b>Thrust Vertical</b>	110kgf
<b>Thrust Lateral</b>	120kgf
<b>Forward Speed</b>	>3.2 knots

#### Vision

<b>Primary Camera</b>	1 x Kongsberg OE1366
<b>Auxiliary Cameras</b>	3 x 460 TV line resolution
<b>Pan &amp; Tilt</b>	SeaEye Integrated Tilt Platform
<b>Lighting</b>	4 x variable intensity 150 W & 2 x high intensity LED (1600 LUX)

