

# COUGAR XTC

## OBSERVATION ROV SYSTEM



The OMS **Cougar ROV** system is a compact, high-performance **Observation Class ROV** designed to excel in demanding subsea environments. With its robust design, advanced capabilities, and versatility, the Cougar is well-suited for a wide range of offshore operations, including survey work, inspection, drill support, and light construction.

### Key Features

- ⇒ 300m Rated
- ⇒ 60kg Payload
- ⇒ Auto Functions:
  - Heading
  - Depth
- ⇒ Versatile Applications:
  - Tooling Packages
  - Survey Sensors
  - Inspection Tools
- ⇒ Free-Flying Configuration
- ⇒ Compact Footprint

### Core Equipment

- ⇒ OAS Sonar
- ⇒ LED Lights (2 Ch.)
- ⇒ Compass
- ⇒ Depth Sensor
- ⇒ CCD Colour Camera
- ⇒ Colour Zoom Camera
- ⇒ Pan & Tilt Unit



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### TECHNICAL SPECIFICATION

#### COUGAR XTC-1442 ROV

Item	Specification	Item	Specification
Length (mm)	1,300	Thrust Forward (kgf)	170
Width (mm)	900	Thrust Lateral (kgf)	120
Height (mm)	745	Thrust Vertical (kgf)	110
Depth Rating (m)	300	<b>AHRS</b>	
Weight in Air (kg)	270	Heading	1° Typical
Payload Capacity (kg)	60	Pitch/Roll	0.4° Typical
System Power Requirements	3Ph. 380-480VAC 50/60Hz	<b>Cameras &amp; Lights</b>	
Data Link	Multimode Fibre	Camera Interfaces	x 3 SD (Composite)
Thrusters Forward Speed (Knts)	3.5	Light Interfaces	x 2 110VAC (up to 4 lights)

#### LARS Equipment

Item	Specification	Item	Specification
<b>Crane &amp; Skid Specifications</b>		<b>Winch Specifications</b>	
SWL (kg) @8,200mm	1,380	Deployed Reach—Min. (mm)	700
Length (mm)	3,890	Deployed Reach—Max. (mm)	4,600
Width (mm)	2,660	Line Speed—Bare Drum	30 m/min
Height—Full Extension (mm)	10,700	Prime Mover	18.5 kW EEXD Electric Motor
Height—Stowed (mm)	2,725	Power Requirements	3 Ph. 380-480VAC 50/60Hz
Weight (kg)	9,000	Line Pull (kg) Bare Drum	2,000

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#### Control Container

Item	Specification
<b>A60 Safe Area Control Van—DNV 2.7.1</b>	
Length (mm)	4,877
Width (mm)	2,438
Height (mm)	2,743
Gross Weight (kg)	10,000



#### Custom Options

4f Manipulator

Water Jetter

SM7 Cleaning Brush

UT Gauge

CP Probe

Altimeter

Manipulator Skid

Water Jetting Skid

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