COUGAR XT

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

- **⇒2,000m Rated**
- ⇒80kg Payload
- ⇒Auto Functions:
 - Heading Depth
- ⇒ Versatile Applications: Tooling Packages Survey Sensors Inspection Tools
- **⇒ TMS Configuration**
 - Compact Footprint

Core Equipment

- ⇒ OAS Sonar
- ⇒ 4 x LED Lights

 (2 Ch.)
- ⇒ **Compass**
- ⇒ Depth Sensor
- ⇒ CCD Colour Camera
- ⇒ Colour Zoom Camera
- ⇒ Pan & Tilt Unit
- ⇒ 4 x Video
- ⇒ Manipulator
- ⇒ Tooling Motor



Email: Info@OMS-Subsea.com

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TECHNICAL SPECIFICATION

COUGAR XT-1457 & 1468 ROV

Item	Specification	Item	Specification
Length (mm)	1,300	Thrust Forward (kgf)	170
Width (mm)	900	Thrust Lateral (kgf)	120
Height (mm)	784	Thrust Vertical (kgf)	106
Depth Rating (m)	2,000	Positioning	
Weight in Air (kg)	435 / 270 (Without Skid)	Heading	±1° Typical
Payload Capacity (kg)	80	Depth	±0.1% FSD
System Power Requirements	3Ph. 380-480VAC 50/60Hz	Cameras & Lights	
Data Link	Singlemode Fibre	Camera Interfaces	x 4 (inc. x1 Zoom / Focus)
Thrusters Forward Speed (Knts)	3.2	Light Interfaces	x 2 40W / Ch. (up to 4 lights)

LARS Equipment

Item	Specification	Item	Specification	
A-Frame & Skid Specifications				
SWL (kg) in Water	5,000	Weight (kg)	17,000	
Length (mm)	6,056	Deployed Reach—Max. (mm)	3,000	
Width (mm)	2,437	Deployed Reach—Min. (mm)	1,000	
Height—Full Extension (mm)	8,350	Width between A-frame legs (mm)	2,037	
Height—Stowed (mm)	3,400	Power Requirement	3Ph. 380-415VAC 50Hz	
			3Ph. 440-460VAC 60Hz	
Winch Specifications—Built into Skid				
Winch Max. Line Speed	30m / min	Max Umbilical Length (m)	2,200	

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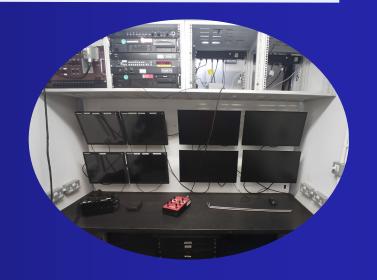
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TECHNICAL SPECIFICATION

Control Container

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



Custom Options

FMD

38mm Anvil Cutter SM7 Cleaning Brush

UT & CP

Rotary Disc Cutter

Pipetrackers

Water Jetting Skid

Manipulator Skid

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