

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



Phone: +44 (0)1224 270362

Email: Info@OMS-Subsea.com

COUGAR XT

OBSERVATION ROV SYSTEM



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

Phone: +44 (0)1224 270362

Email: Info@OMS-Subsea.com

COUGAR XT

OBSERVATION ROV SYSTEM



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

Phone: +44 (0)1224 270362

Email: Info@OMS-Subsea.com