



Cougar-XTC 1442

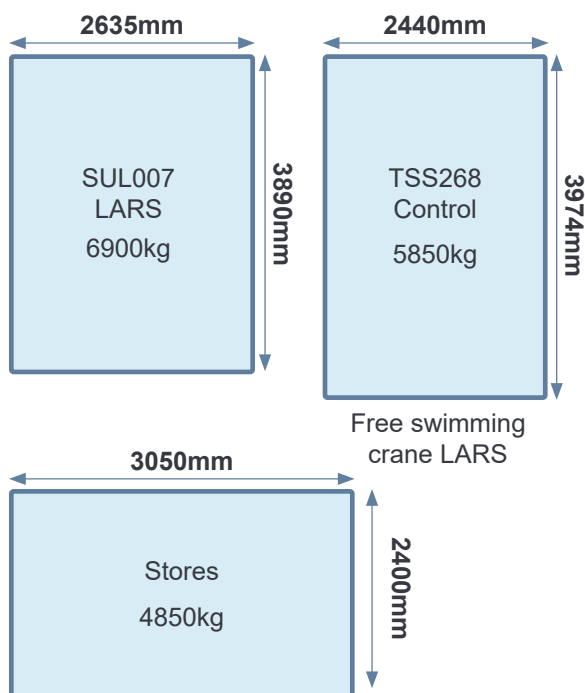
The Cougar-XTC is a compact, free swimming remotely operated vehicle (ROV).

Proven worldwide and widely recognised for its capabilities, the Cougar-XTC enables operators to undertake a range of demanding work tasks whilst lowering operational costs.

Extremely powerful and versatile, the Cougar-XTC is designed to accommodate heavy duty tooling with an array of quick-change tool skids making it ideal for a range of applications including survey work, drill support, light construction projects and salvage operations.

The Cougar-XTC comes complete with an A60 zone 2 control container, an A60 zone 2 gravity-based crane launch and recovery system (LARS) and a stores container.

System dimensions (mm)



*Actual weights listed

Technical specifications

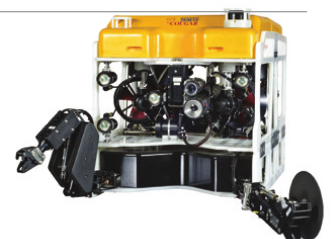
Depth rating	300 msw
Length	1300 mm
Height	784 mm
Width	900 mm
Launch weight	270 kg
Forward speed	3.8 knots
Thrust forward	170 kgf
Thrust lateral	120 kgf
Thrust vertical	110 kgf
Payload	60 kg

System power requirements

Input	3-phase 380-480VAC
ROV	23.6 Amp
Tooling	12 Amp
LARS (typical)	52 Amp
Cabin (typical)	16 Amp

Working limits

Wind speed	25 knots
Wave height	2.8 m
Current	1.2 knots



Hand control unit

The hand control unit provides remote control of various ROV features including, propulsion, pan and tilt unit, lights and autopilot functions.



Tilt platform

Fitted with a tilt platform with high torque output, this tilt unit is oil filled and manufactured from anodised aluminium. Cougars are also fitted with two channel LED lighting giving greater illumination and durability over standard halogen lamps.



Options, tools and accessories

JF Subtech's fleet of ROVs can accommodate BlueView and Gemini multi-beam sonars, Aris sonars plus a vast array of cleaning, dredging and inspection mapping tools.

Tooling skids

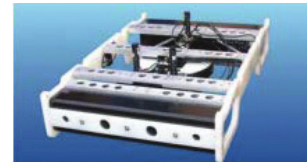
Task-specific tool skids can be readily changed for rapid turnaround between dives requiring different work packages.

These skids can be custom designed to suit specific operational requirements, including:

- Manipulator packages
- Anvil or rotary disc cutters
- Water jetting equipment
- Torque tools
- Survey packages
- Drill support and IRM tooling
- Marine growth X-Y-Z tool



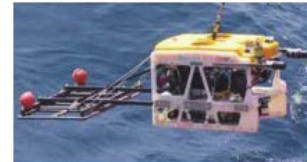
Wheel skid



AX ring removal skid



Manipulator skid with grabber arm



Survey skid with TSS pipe tracker



Anvil cable cutter



Snubber rotator



Emergency strobe



UT gauge and OP probe



Water jet



Cleaning brush



Rotary disc cutter



Profiling sonars



Sonar



Side scar sonar



Lock latch (closed)



Lock latch (open)

