



SEAEYE COUGAR ROV



The Seeye Cougar is a worldwide proven ROV well recognised for its capability to operate effectively as a compact Light Work-Class ROV in demanding subsea applications.

It's a reliable electric ROV for underwater survey, NDT inspections, research/oceanographic observation, and subsea construction light work intervention.

ACSM could supply two twin ROV systems (S/N 44 & 52) in both TMS (deep water) and/or Free Swimming mode options, with the capability to fit additional ancillary survey or tooling equipment. Any option includes a 20' Control/Workshop Container with the ROV Surface Control Unit (SCU) and it's Power Supply Unit (PSU).



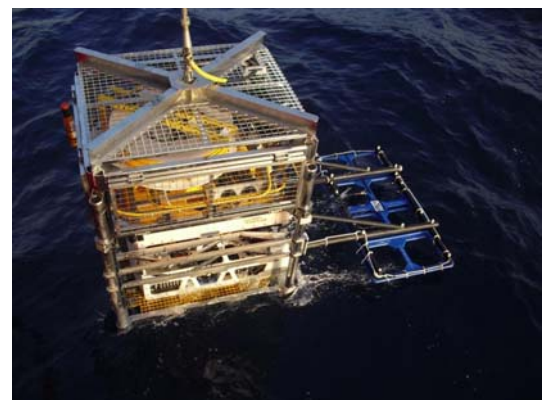
Main ROV specifications:

Dimensions L x W x H (mm):	1500 x 1000 x H 745
Weight in air/ sea water (kg):	500 / Neutral
Depth rating (m):	2.000 WD
Propulsion Thrusters:	4 x Horizontal, 2 x Vertical
Thrust FWD / Lat. / Vert. (kgf):	100 / 72 / 76
Payload (kg):	80
Autopilot:	Heading, Depth, and Altitude hold
Power requirement :	38 kVA, 400/415/440 VAC, 50/60 Hz



Survey Equipment & Tooling:

- 1 x Kongsberg OE 14-366 HR Colour Zoom camera
- 1 x Seeye Low Light HR Colour Zoom camera
- 1 x Seeye Low Light High Resolution Mono camera
- 1 x Pan & Tilt
- 4 x LED lights, 600 W lighting. P&T
- 1 x Tritech DFS Super SeaKing Sonar system
- Fluxgate Compass, Depth sensor, & Altimeter
- 2 x Hydrolek 5F/6F Manipulators with Grabber Jaw
- CP Contact Probe & Cygnus UT Gauge, Cleaning Brush, cutter, wheeled survey skid with boom arms
- Auxiliary comms channels for extra survey equipment as, Bathy, FO Gyro, TSS 440 pipe/cable tracker, MBES, DVL, SVP, etc. Spare Fiber Optics for extra equipment.



LARS systems:

The deep water LARS (TMS mode) comprises a hydraulic 6 ton SWL A-Frame, Umbilical Winch, and 55 kW deck HPU, all mounted over a single 20' skid frame. Winch drum capability of up to 2.500 m of Ø30 mm armoured lifting umbilical cable. The Free Swimming option is also available with 500 tether in an electric winch, sheave and lock latch.



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