

SAAB SEA-EYE COUGAR-XT54

COMPACT WORK ROV



A Plug and Play system able to operate at 2000 m of water depth.



For more informations, please flash this code and visit our web site.

SYSTEM FEATURES

- 1 x 20' Control container
- 1 x 10' Storage container
- 1 x 20' LARS with a TMS and 2200M of main lift umbilical

VEHICLE SPECIFICATIONS

DEPTH RATING	2000 MSW STANDARD
PAYLOAD	80 KG LEAD BALLAST
MASS IN AIR	344 KG
LENGTH	1515 mm
HEIGHT	790 mm
WIDTH	1000 mm
FORWARD SPEED	3.2 KNOTS
THRUST FORWARD	170 KGF
THRUST LATERAL	120 KGF
THRUST VERTICAL	110 KGF

EQUIPMENT

3 x CAMERAS	Color + BW sit on Pan & Tilt Color rear camera
SONAR	Tritech Super Seaking Sonar
ALTIMETER	Tritech PA200 Altimeter
LIGHTING	160W of LED lighting
AUTOPILOT	Auto heading, Depth & Altitude

FREE INTERFACES ON ROV EPOD

1 Spare Fiber Optic
 AUX1: 24V, 1 x Ethernet, 1 x RS232
 AUX2: 24V, 1 x Ethernet, 1 x RS232
 AUX3: 24V, 1 x Twisted pair 1 x RS232
 4.5 KW 660VAC (Tooling Power line)

TOOLS AVAILABLE AS STANDARD

2 x Hydrolek's HLK-HD5 5 function Manipulators able to lift up to 50 KG at full reach of 800 mm

CONTROL AND NAVIGATION

COMPASS & RATE GYRO	Accuracy $\pm 0.5^\circ$ Resolution 0.351° Update Rate 98MS
DEPTH SENSOR	Accuracy $\pm 0.1\%$ FSD
VIDEO SYSTEM	3 Simultaneous channels (+1 spare)

TETHER MANAGEMENT SYSTEM

Stainless steel TMS frame
 200 M of 20.6mm tether
 ROV Locking mechanism
 Depth sensor & compass
 2 x LED lights
 2 x colour cameras

CONTROL ROOM/WORKSHOP (safe area/DNV 2.7.1)

All the equipment required to work in a 20' safe area container with ISO Corner on top & bottom, lifting eyes and sling including:

- 6 x 19" LCD Screens
 - 2 x Hard drive video recorders
 - 1 x Clearcom audio communication system
 - 2 x Computers
 - 1 x Printer
 - 1 x AC system
- Approximate weight: 14T

STORAGE CONTAINER (Safe area - DNV 2.7.1)

10' Offshore container
 ISO Corners on top & bottom, lifting eyes and sling on top
 lightning & 220 V plug



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LAUNCH AND RECOVERY SYSTEM

- 1 x A-frame SWL 4500 KG
- 1 x Folding platform
- 1 x Snubber assembly
- 1 x Winch with 2200m of main lift umbilical
- Weight 20T

OPTIONAL FEATURES AVAILABLE OFF THE SHELF

- GAPS USBL
- Blueview acoustic camera
- Added cameras
- Hydraulic cutting tools
- Jetting tools

→ OTHER OPTIONS TO BE STUDIED

FACILITIES REQUIRED ON BOARD THE SUPPORT VESSEL

- 1 x Power Plug 3 phasis 380 to 480 VAC at 63 AMPS, 20 M away from container max.
- 1 x Power Plug 3 phasis 380 to 480 VAC at 63 AMPS, 20 M away from LARS max.
- Fresh water to wash the ROV after each dive.
- The ability to secure or weld tie down plates for the LARS.

DECK ARRANGEMENT: SPACE REQUIRED

