



Mako

Light Work Class

The MAKO ROV offers a high payload capacity (18 kg standard, upgradable to 23 kg), enabling the integration of large instruments or multiple smaller systems. It features built-in mounting points for DVL/INS, USBL, beacons, and scanning sonar, along with purpose-designed mounts for multibeam sonar, CP and UT systems, and electric manipulators.

The MAKO utilizes eight thrusters in optimized counter-rotating and vertical/lateral configurations, minimizing turbulence and visual disturbance.

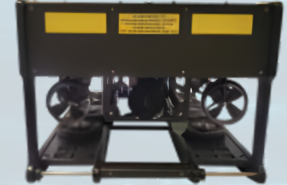
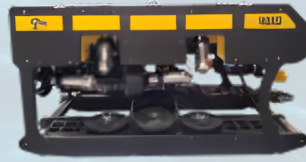
Features

- 8 x Industrial Grade Thrusters
- Auto Depth
- Auto Heading
- 23kg Payload
- 600m Depth rated
- Ethernet Dedicated
- Leak Detection
- Digital Video Recorder (DVR)

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The Mako is going to add a new dimension to our line of ROVs, while maintaining the core design elements that make our vehicles so sought after.

Robin Li, President
SEAMOR Marine



DIMENSIONS & ATTRIBUTES

Depth Rating	300 m (1,000') or 600 m (2,000')
Size (LxWxH)	1,000 mm x 655 mm x 555 mm (39.4" x 25.8" x 21.9")
Diagonal	840 mm (33.0")
Weight in Air	68 kg (150 lbs)
Construction	Anodized Aluminum, stainless steel, syntactic foam.

THRUSTERS

Configuration	4 horizontal & 4 vertical/lateral thrusters
Speed	3 knots (dependent on environment & configuration)

AUXILIARY CAMERA & LIGHTS

Type	Colour or black & white, lowlight
Format	NTSC or PAL
Focus	Fixed
Light	2 x 1,500 lumens (3,000 lumens)

OPTIONS

Cameras

- Auxiliary Camera
- Voyis Discovery
- SubC Rayfin 500
Micro
- SubC Legacy
- Reach Artemis 4k IP

Manipulators

- Dual Function
Gripper
 - Cutter
 - SAR Handcuff
- Reach Robotics
Alpha
- Reach Robotics
Bravo

Sonar

- Imagenex
 - 852
 - 881A
- Blueview
 - M900
- Tritech
 - Gemini Series
- Blueprint
 - Oculus Series

Misc.

- CT and UT Probe
- Laser Scaling
- USBL
- DVL
- Spot cleaning brush
- Pipe Profiling Sonar
 - Many
More!

FORWARD CAMERA & LIGHTS

Format	NTSC or PAL (full broadcast- quality)
Focus	Manual & Automatic
Zoom	3x optical, up to 32x total zoom
Tilt Range	+/- 90 degree rotation
Lights	2 x 1,500 lumens
Lasers	Optional parallel green lasers on 150 mm (6")

SENSORS

- Pressure/depth
- Compass heading
- Pitch & roll
- Dedicated leak &
temperature sensors in both the
electronics & camera canisters