

POSEIDON ROBOTICS, LLC



MAUI, Heavy Inspection Class ROV

The Maui ROV is designed with large payloads and challenging dives in mind. Combining cutting edge vectored thruster layout, professional Aluminum frame, and heavy payload capacity with off the shelf components have resulted in an excellent price/performance ratio. The Maui is an updated and improved version of the BL300 ROV launched in March 2019. With the Topside Integrated Console and its 22in sunlight readable monitor and hand controller, no additional equipment is required. The ROV flight computer supports a fully stabilized mode and enables 6 axis stability. The Maui has exceptional payload space, thanks to using smaller diameter thrusters stacked vertically.

SPECIFICATIONS:

ROV

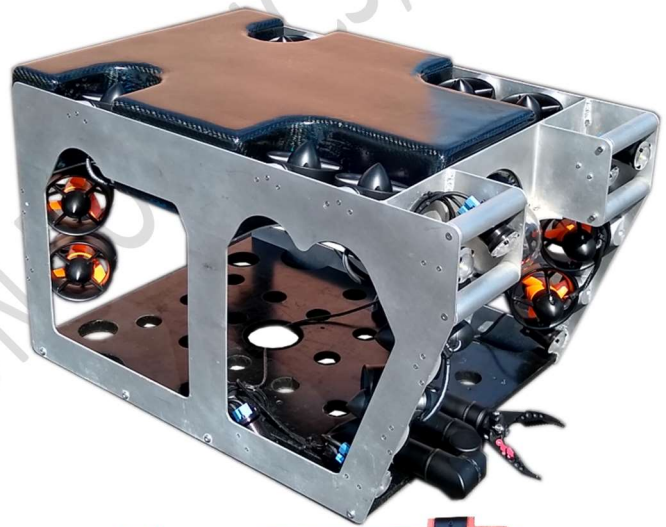
1. Depth rating: 400m
2. Dimensions: 725x465x425mm (LWH)
3. Weight in air: 31.2kg
4. Payload capacity (fresh water): 9.3kg
5. Payload area: 610mm x 457mm
6. Thruster: 8 lateral (45deg), 6 vertical
7. Ballard Pull: 27kg lateral, 28kg vertical
8. Top speed: 3 knots
9. Video: 1080 HD IP camera with tilt
10. Aux video: NTSC/PAL input
11. Lights: 10x 1,500 Lumen each
12. Connectivity: 1x Ethernet, 2x Serial
13. Aux power: 5/12/24/48VDC regulated

TOPSIDE INTEGRATED CONSOLE

1. Output voltage: 400VDC, 3kW
2. Input voltage: 240VAC, 15A maximum
3. Monitor: 22in HD sunlight readable
4. Case: wheeled, 610x420x260mm, 24kg
5. Fully isolated output with LIM
6. Intel i5 PC with Windows 10 installed
7. Aux HDMI monitor output

TETHER

1. Breaking strength: 250kg
2. Diameter: 9.1mm
3. Conductors: 2x19AWG+STP+UTP+Earth
4. Neutral in fresh water



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Visit our website: PoseidonROV.com to contact one of our distributors for more information.