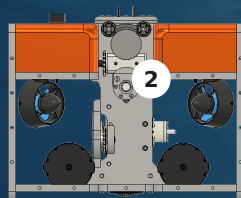
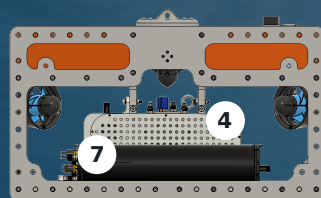




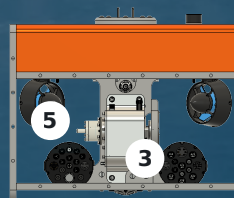
Discover unmatched underwater exploration with the ALON MALAKI ROV, offered exclusively by Delta ROV. Engineered to conquer depths of up to 500MSW, this ROV boasts up to 10x A50 Thrusters and a durable polypropylene frame, ensuring peak performance in challenging environments. Equipped with a Mission robotics control system, a 10G ethernet fiber switch with 3x 10G SFP slots and 8x 1G ethernet ports, and a Delta Serial to ethernet PCB with 2x RS232/RS422/RS485 ports, seamless connectivity is guaranteed. Each ROV is tailored to your specific requirement. Let us know what you need!



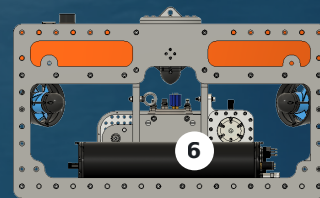
FRONT VIEW



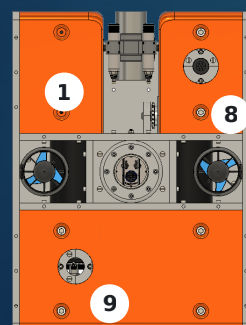
STBD VIEW



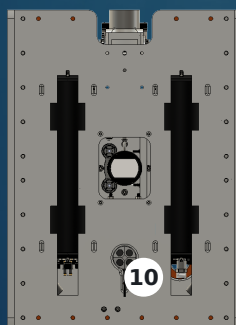
AFT VIEW



PORT VIEW

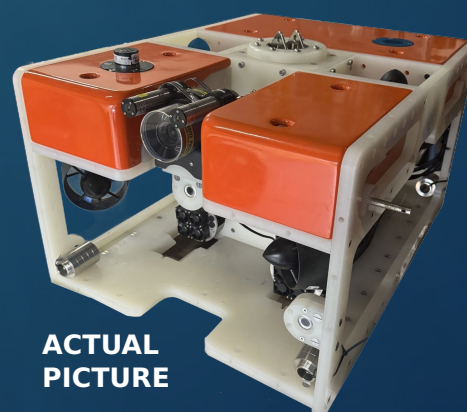


TOP VIEW



BOTTOM VIEW

- 1 BUOYANCY BLOCK
- 2 TILT PLATFORM
- 3 TILT MOTOR
- 4 CHAIN GUARD
- 5 THRUSTER
- 6 ELECTRONICS POD
- 7 POWER POD
- 8 SONAR MOUNT
- 9 BEACON MOUNT
- 10 DVL MOUNT



ACTUAL
PICTURE

SPECIFICATION

PHYSICAL

- **Height:** 510 mm
- **Length:** 920 mm
- **Width:** 680 mm
- **Weight:** 35 kg
- **Depth Rating:** 500 m
- **Finish:** Pressure vessel is anodized black
- **Material:** Aluminum 6061-T6, Polypropylene

PROPULSION & PERFORMANCE

- **Thrusters:** 6x or 10 A50 Thrusters 1000MSW rated 2 year warranty
- **Bollard Pull / Thrust:** Subsea Power Supply @24VDC
Power · 4-Axials
8-Axials · Vertical up · Vertical down
1000 W · ~21 kgf · ~28 kgf · ~24 kgf · ~18 kgf
2000 W · ~34 kgf · ~43 kgf · ~35 kgf · ~25 kgf
3000 W · ~43 kgf · ~54 kgf · ~36 kgf · ~25 kgf
4000 W · ~50 kgf · ~68 kgf · ~36 kgf · ~25 kgf
5000 W · ~50 kgf · ~78 kgf · ~36 kgf · ~25 kgf
6000 W · ~50 kgf · ~87 kgf · ~36 kgf · ~25 kgf
- **Speed:** 3 knots
- **Vectors:** Axial + Vertical



SHOP NOW

INTERFACE

- **Processor:** Jetson Nano
 - CPU: Quad-core ARM Cortex-A57 MPCore processor @ 1.43 GHz
 - GPU: 128-core NVIDIA Maxwell architecture (up to 921 MHz) delivering 472 GFLOPS of AI performance
 - Memory: 4 GB (or 2 GB on the entry-level variant) 64-bit LPDDR4 @ 25.6 GB/s- Display: HDMI 2.0 and eDP / DisplayPort
 - USB: 4x USB 3.0, USB 2.0 Micro-B
 - Networking: Gigabit Ethernet, M.2 Key E slot (for optional Wi-Fi/Bluetooth cards)
- **Control system:** NavX + Delta DRCS
- **Connectivity:** UbiSwitch Module 3x 10G SFP + 8x 1G- 1x SFP used for Fiber
 - 1x 1G used for Jetsons
 - 1x 1G used for DRCS
 - 2CH Ethernet to Serial 232/422/485 (optional)
- **Control:** 2x 8-CH 24VDC switch
2x External USB I/O
2x External Analog control (for lights)

ELECTRICAL

- **Input Voltage:** 420-800 V
- **Maxumim Power:** 3000W per power brick / 2x Trusters, 1x Sensors, 1x, Electronics
- **Low voltage Insulation Monitor:** 2-CH alternating Megacon GFD for Thrusters / Sensors (isolated)
Isolated internal electronics not monitored

WARRANTY Return-to-depot warranty. Includes parts and labor against manufacturing defects. Excludes water damage, fair wear and tear, transport cost.