



Blue Lobster

2025 Company Specification Sheet

One Degree North, Singapore American School, Singapore, (14846 km)



Back Row: Komei (9) Mechanical, Ian (9) Software, Vir (11) Marketing, **Sid** (11) Software Lead, Jinoo (11) Electrical, **Weihao** (11) Mechanical Lead, **Kaito** (12) CTO, **Krishna** (12) CEO, Rizul (11) Software
Middle Row: Joe (9) Mechanical, Layton (11) Electrical, Elena (9) Mechanical, Aarya (9) Mechanical, Angie (9) Electrical, Nick Lai (10) Electrical, Veehaan (12) Software, **Austin** (11) COO, Max (10) Mechanical, Leon (11) Electrical
Front Row: **Nathan** (11) CFO, **Vyju** (12) Editor-in-Chief, Avni (9) Electrical, Rebecca (9) Mechanical, Caleb (9) Electrical

Who Are We?

Introduced in 2023, **Blue Lobster** is a pioneer in accelerating ROV innovation throughout international high schools in Singapore. **Blue Lobster** is the **returning MATE subdivision** of One Degree North, the robotics club in Singapore American School.

Blue Lobster ROV

Name: Blue Lobster

Cost: 2,209.29 US\$

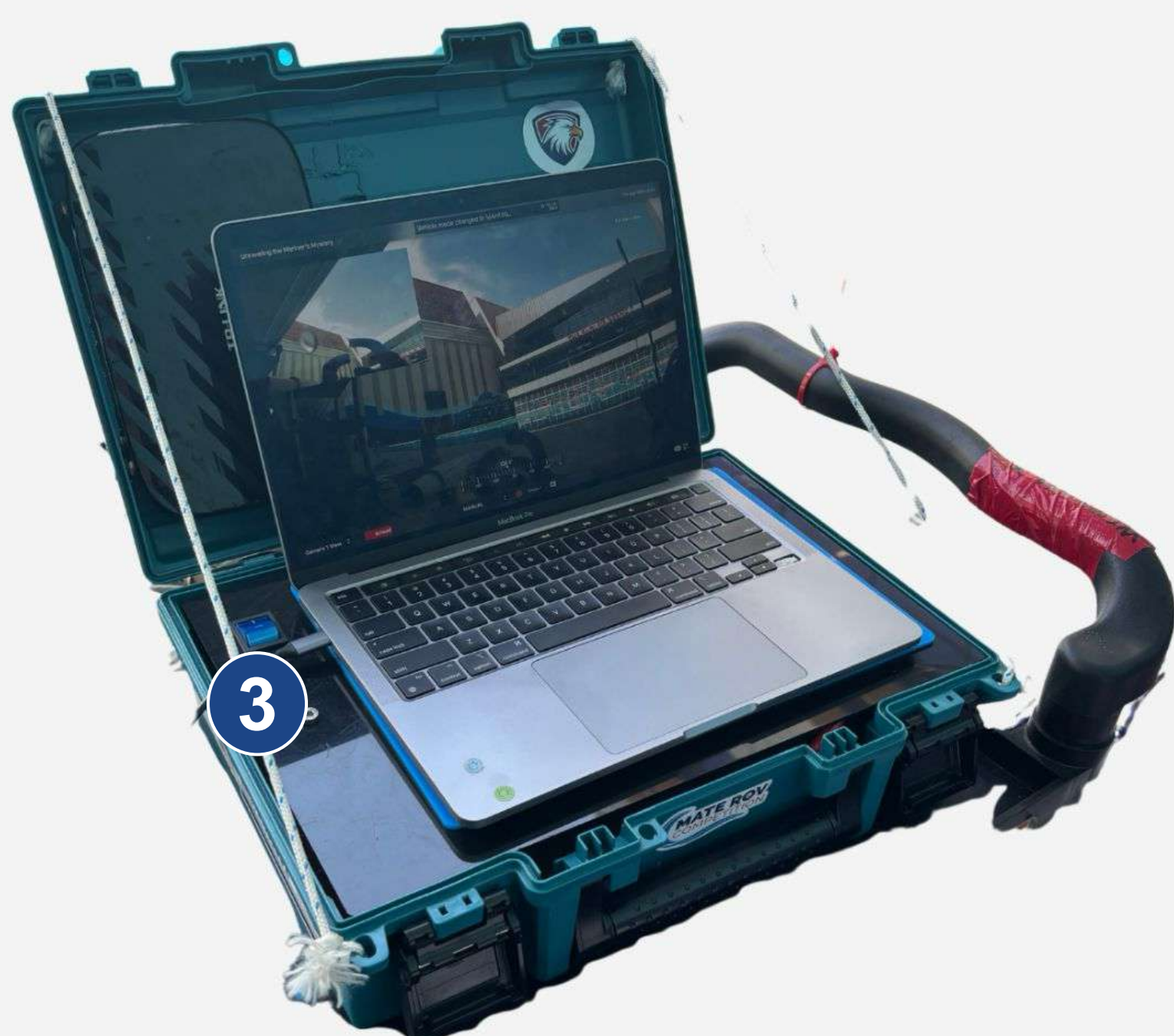
Length: 494mm

Width: 404mm

Height: 269mm

Weight: 5.35kg

Time Spent: 800+ Hours



Safety Features

- 1 Non-intrusive thruster guards
- 2 Integrated fuses in electrical system
- 3 Emergency stop switch

Special Features

- 4 Lightweight aluminum T-slot frame
- 5 Dual fisheye lens camera
- 6 2DOF adjustable claw