

sunk@sunkrobotics.com



Medford Vocational Technical High School 489 Winthrop Street Medford, MA, USA



ROV FEATURES

→ Dimensions: 28cm height, 46cm width, 57cm length

Weight: 11.2 kg

Cost: \$3500

Hours: 380 working hours

Materials: Aluminium, Acrylic, PLA

SAFETY FEATURES

- 25 amp fuse within 30cm of PSU
- Strain relief on JONA ROV and cart
- Cap nuts and deburred edges to prevent physical harm
- Thruster quards on all thrusters

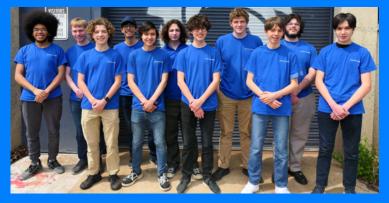
SPECIAL FEATURES

- **Custom made Aluminium frame**
- **Modular PCB electronics system**
- **Automatic stabilization**
- **Modular Manipulator design**

THE TEAM



DISTANCE TRAVELED: 850 Miles



*First-year competitor I **Returning competitor

Matty Harris** - Lead Software Engineer / CEO - '24 Noah Gibson** - Assistant Software Lead - '24 Zack Bertocchi** - Head of Marketing / CSO - '24 Franklin Soto-Ortiz** - Director of Training - '24 Ben Santana* - Graphics Engineer - '24 Aaron BenDaniel** - Hardware Lead - '25 Ben Wirz** - Lead Float Engineer - '25 Scott Campbell** - Lead Float Engineer - '25 Tim Hunt* - Hardware Engineer - '27 Miles Hilliard* - Hardware Engineer - '27 Jonas Wirz* - Pilot - '27

ABOUT US

Sunk Robotics was founded in September of 2021 by a group of students from Medford Vocational Technical High School. The company operates out of the vocational school's Robotics & Engineering shop. Since its founding in late 2021, the team has won two New England Regional competitions and attended the **MATE ROV World Championships in both California** and Colarado. The team has members ranging from first year students to those in their final year. Sunk Robotics has suceeded in bringing underwater robotics to MVTHS and plans to do so for years to come.

COMPETITION HISTORY

- 2022 MATE ROV New England Champions
- **2022 MATE ROV World Championship Competitors**
- 2023 MATE ROV New England Champions
- 2023 MATE ROV World Championship Competitors
- 2024 MATE ROV New England Champions