



Whaletechrobotics@gmail.com
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North Paulding Robotics, 300 N
Paulding Drive, Dallas, Ga, USA
1,484.9 KM traveled to the MATE
World Competition, Alpena, MI

WhaleTech Robotics

North Paulding High School

Whale V

ROV SPECS

Cost:	\$4,700
Dimensions:	Length: 74.93cm Width: 43.18cm Height: 28.96cm
Weight:	11.33 kg
Design/build time:	550+ Hours
Materials:	HDPE Frame PLA 3d prints Acrylic Cylinder



About Us

WhaleTech Robotics was established in 2017 by a group of students from North Paulding High School. Our team members have been building and competing in ROV competitions since 2017. Ranging from freshman to seniors of North Paulding High School. We are excited to be participating in the 2024 MATE ROV World Competition.

MEET THE TEAM

4-Years (12 th) Tyler Pold	CEO, Mechanical Engineer
4-Years (12 th) Jacob Banta	CFO, Software Engineer
4-Years (12 th) Nicolas Driscoll	Electrical Engineer
3-Years (11 th) Ian Osterloh	Electrical Engineer
3-Years (11 th) Nate House	Mechanical Engineer
1-Year (9 th) Campbell Williams	Electrical Engineer
1-Year (9 th) Lily Adcock	Mechanical Engineer
1-year (9 th) Lucas Machado	Mechanical Engineer
1-Year (9 th) Weston Aurand	Mechanical Engineer
1-Year (9 th) Wesley Herrington	Software Engineer



ROV Features

- All aspects are waterproof
- Custom 3D printed thruster shrouds
- Warning labels on all moving parts
- Tether restraints on ROV & surface box
- 25-amp fuse with within 30cm of positive power input
- Custom 3D printed claw tilt w/ reduced pinch points
- Custom Designed CNC Frame
- Onboard electronics housing system
- Three ExploreHD underwater cameras

Competition History

- 2024, 2023, 2022, 2021, 2019, 2018, 2017 1st Gray's Reef MATE Southeast competition
- 2024 1st Place MATE RANGER International Competition
- 2023 3rd Place MATE RANGER International Competition
- 2022 4th place MATE EXPLORER International Competition
- 2021, 1st Place MATE RANGER International Competition
- 2018, 7th Place in MATE RANGER International Competition