

Spec Sheet

Aquajacks Robotics Company



Aquajacks Personnel

Alpena Community College
665 Johnson St,
Alpena, MI 49707



Emily Samp
Design Engineer and Tether Specialist/Handler



Zachary Orr
Planning and Research Coordinator and CFO



Thomas Bruning
Electrical Engineer and CEO, Outreach Coordinator



Clayton Thomson
Lead Pilot, Mission Strategist, and Safety Officer

David Cummins
Mentor



Vehicle Specifications

- Vehicle Weight 13 Kg
- Frame is constructed from HDPE (High Density Polyethylene)
- Size: 21 cm x 18 cm x 15 cm
- 30-amp inline fuse
- Build Hours: 85 Hours
- Total Vehicle Value: \$2,355
- Distance Traveled to World Competition: 0 Miles

Safety Sensors

- Surge Protection
- Power Monitoring

Special Features

- 15 M Tether
- Mechanical Gripper
- HD Drive Camera
- Four Thrusters

No Lasers or Fluid Power

Team Competitive History

Aquajacks is a new Pioneer team competing for the first time. Some of our team have competitive robotics experience, but we have one team member that has ROV experience.