

Company Specs: AMNO & CO

Team members: Alex Miller¹ (7th grade), Clara Orndorff² (9th grade), and Nicholas Orndorff³ (7th grade)

¹Washington Middle School; ²Ingraham High School; ³Hamilton Middle School

Home State: Washington

Distance to International Competition: 3080 miles, 5704 kilometers

All team members are returning.

ROV Specs: The Rust Bucket

Cost: \$4617.27, we paid \$910.75

Primary materials: 1" aluminum angle

Dimensions: length 35.5 cm., width 30.5 cm., height 33 cm.

Total weight: 20.4 kg. with tether, 9.7 kg. without tether

Safety features:

- ❑ A main power shutoff switch on the control box
- ❑ A 25 amp fuse protecting our entire circuit
- ❑ A separate fuse for our camera
- ❑ A GFCI plug for our monitor during testing sessions
- ❑ Warning signs for systems with moving parts

Special features:

- ❑ Electronic metal detector
- ❑ Water sampler
- ❑ Manipulator
- ❑ Color camera with high resolution
- ❑ Potentiometers for speed control



From left to right: Alex Miller, Clara Orndorff, and Nicholas Orndorff



The Rust Bucket