

# AMNO & CO

Seattle, Washington, USA

Distance to the international competition: 34 miles

## Team members:

Alex Miller: 8<sup>th</sup> grade (Washington Middle School\*), machinist, mechanical engineer, troubleshooter, pilot

Clara Orndorff: 10<sup>th</sup> grade (Ingraham High School\*), CEO, electrical engineer, technical writer, tether manager

Nicholas Orndorff: 8<sup>th</sup> grade (Hamilton Middle School\*), mechanical engineer, software expert, research specialist, pilot

## ROV specs:

Cost (USD): \$2714.97; we spent (USD): \$-457.48

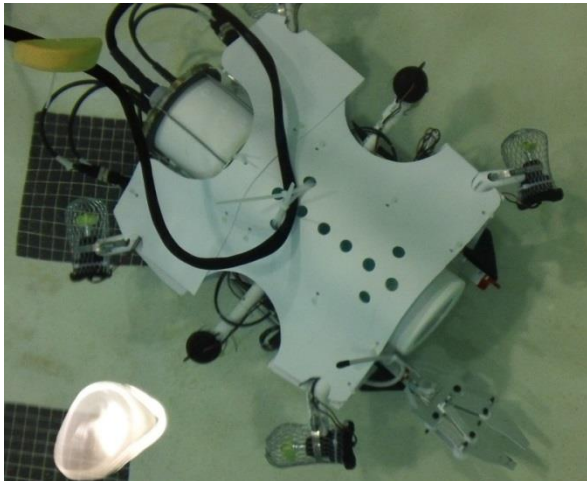
Primary materials: Acrylic, styrene, starboard, PVC

Dimensions: 78.7 cm x 94 cm x 31.8 cm

Mass (in air): 22.7 kg

Safety features: Shrouded motors, strain relief, fuses, and warning labels for moving parts

Special features: Solid aluminum, homemade actuator driven manipulator; Waterproof Electronics Container (WEC); Motor controller based control system; and a hydrodynamic styrene shell



The Rust Bucket II



Clara Orndorff, Nicholas Orndorff, and Alex Miller

\*AMNO & CO is not affiliated with any school or organization.