

# Robosharks

Boulder High School, Boulder, CO, USA

We are a new team of 9th-12th graders who traveled 1270 miles to the World Championship!



Members from left to right:

Ian Crittenden - 12th grade, lifeguard

Mikael Steinman - 11th grade, CAD, mechanical

Noah Mollerstuen - 12th grade, CEO, software, pilot

Carter Harllee - 11th grade, mechanical

Amitan Bar-Evan - 10th grade, mechanical, CNC

Dylan Irving - 9th grade, mechanical, software

Bryce Irving - 11th grade, mechanical

Gary Bailey - 12th grade, electrical, safety



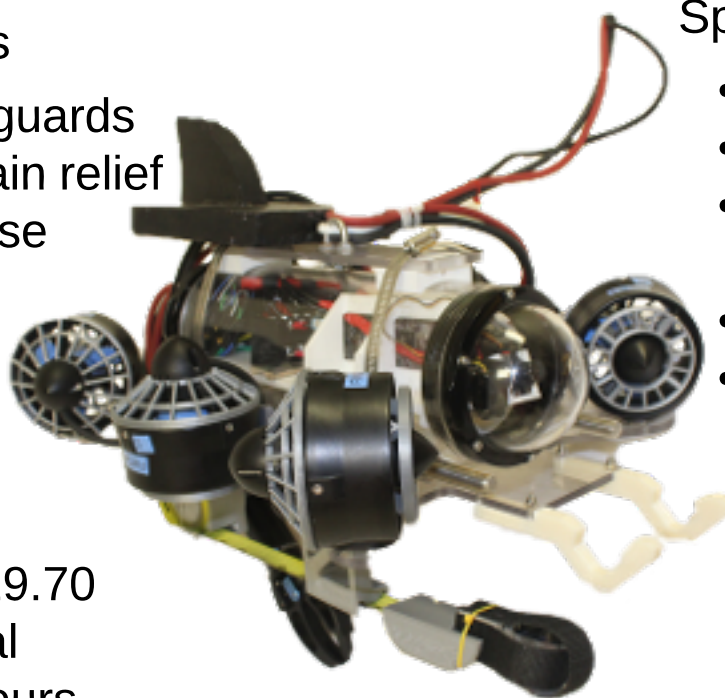
*Image Credit: Gary Bailey*

*Not pictured: Nathan Hoggard - 10th grade, mechanical and Dan Zahner - mentor*

## Hammerhead

### Safety features

- Propeller guards
- Tether strain relief
- 25 amp fuse



### Special Features

- Newton Gripper
- Extending tool
- Passive manipulator
- 2 color cameras
- Depth sensor

### Cost and labor

- Cost \$3129.70
- 2,146 Total student-hours

### Size and Weight

- 12.47 kg
- 52.5 x 37.8 x 48.1 cm