# LINN-BENTON ROV

The rootinest, tootinest ROVs in the sea!

**2022 Explorer Class**

***Four Eyes***

**72** x **40** x **30** cm

**13** kg

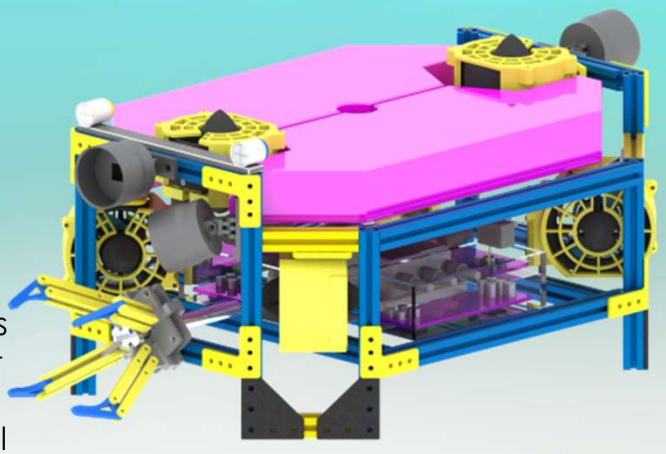
**6,000** USD

**3000** hours

Linn-Benton Community College

Albany, Oregon, USA

1480 km



**Special Features**

- Modular design
- Aluminum frame
- Multiple digital cameras
- Pneumatic manipulator
- Depth sensor
- Laser measurement tool

**Safety Features**

- Waterproof connectors
- Shrouded thrusters
- Fused power converters
- Epoxy-potted circuit boards
- Sharp edges removed
- Master power switch

**Company Information**

Linn-Benton ROV has been participating in MATE competitions since 2008. This year's team, comprised of students spanning all four undergraduate years, and from a variety of disciplines, built on the foundations created by past teams to design a sleek, functional, and rootin' tootin' vehicle.

| | | | | | |
|---|---|---|---|---|---|
| Nolan Andersen *Laser Engineer* | Phoebe Andromeda *Sensors Engineer* | Nic Barden *Vertical Profiler Engineer* | Grant Baysinger *Cameras & CV Engineer* | Kyle Davis *Vertical Profiler Engineer* | Levi Kaup *Controls Engineer & Pilot* |
| Sara Leathers *Frame Engineer* | Chloe Madden Controls *Engineer & Copilot* | Remy Rouyer *Cameras & CV Engineer* | Quade Stiansen *Cameras & CV Engineer* | Morgan Sylvia *Laser Engineer* | Alexander Van Brocklin *Laser Engineer* |
| Kelly Watkins *Vertical Profiler Engineer* | Emilia Watts *Vertical Profiler Engineer* | Kathy Austin, Ph.D. *Writing Advisor* | Heather Hill *Co-Advisor* | Greg Mulder, Ph.D. *Lead Advisor* | Mark Urista *Speech Advisor* |