

ROBOTIC GRABBER ARM & ATTACHMENTS

The **Robotic Grabber Arm** with interchangeable heads is a customizable precision accessory tool engineered for professional underwater operations, including recovery, inspection, and delicate manipulation tasks. Built for durability and reliability, the robotic grabber arm integrates seamlessly with Oceanbotics ROV systems.

*The Robotic Grabber Arm comes with one (1) attachment head. Additional attachment heads are sold separately.

Attachment Heads *(sold separately)*:

- 2-Jaw Grabber
- 3-Jaw Grabber
- Cutter
- Sediment Sampler

2 & 3 Jaw Specifications

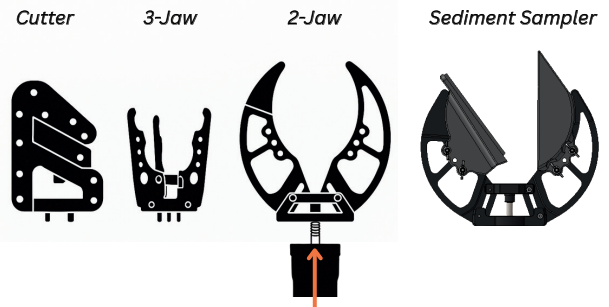
- **Gripping Force:** 85 lbs (38 kg)
- **Opening Width:**
 - **2-Jaw:** 5.18 in (131.6 mm)
 - **3-Jaw:** 2.13 in (54.1 mm)

Secure Grip:

- The linear actuator ensures the grabber head remains locked on the object without power until released by the operator.

Mounting System

- Quick-attach bracket on ROV underside
- Secured with six mounting screws + two thumbscrews
- Configurable positions: extended, angled, or vertical



Threaded shaft enables attachment of various interchangeable heads.

Attachment Information

- **Interchangeable, adjustable heads** with threaded connections and hex screws make it easy to swap and orient the arm and attachments for any mission

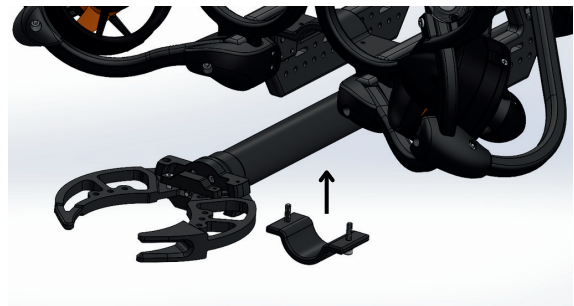
*For teams that frequently use two different heads, we suggest purchasing two Robotic Grabber Arms. Assigning one head to each arm makes swapping quick and hassle-free.

Control & Operation

- Controller the arm via ROV controller
- Real-time video and sonar guidance through SubNav OS software

Benefits of a Single-Function Rotating Arm

- Fewer points of failure, increasing reliability
- Stronger, more reliable grip force compared to multi-function arms
- Cost-effective solution without compromising performance



The Robotic Grabber Arm mounts securely to the underside of the ROV. Its position can be manually adjusted to extend the arm head as far out from the ROV as needed.



Additional Accessory Add-ons
For a complete list of compatible ROV accessory add-ons, scan the QR code or visit oceanbotics.com/accessories

Have questions? Call us +1 (949) 656-8038