

Oceanus ROV Accessories

Rotating Manipulator - Cutting Tool Head



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D-001_ROV_ACC_RM-Cutting Tool_2026-PR1

Cutting Tool

Designed and manufactured in-house, the MarineNav cutting tool head attachment is one many available attachment heads that can easily be swapped out to fit with the MarineNav ROV rotating manipulator arm. Constructed of carbon fibre-filled nylon and durable marine-grade acetal, the cutting tool head attachment is designed to accommodate a variety of 3" diameter blades allowing users to cut through a variety of materials including rope of up to 2" diameter. The serrated mandible firmly holds material in place and the closing action of cutting blade controls the depth of cut. The grooved channel in the mandible ensures cutting blade will not damage the cutting tool, and a protective cutting blade shield protects the ROV from flying debris.

Part #: ROV-ACC-ARM-CUT



Photographs show cutting tool attachment fitted with a 3" diameter grinding wheel. Cutting tool attachment head may be fitted with a 3" diameter cutting blade (not shown). Contact MarineNav for more information.

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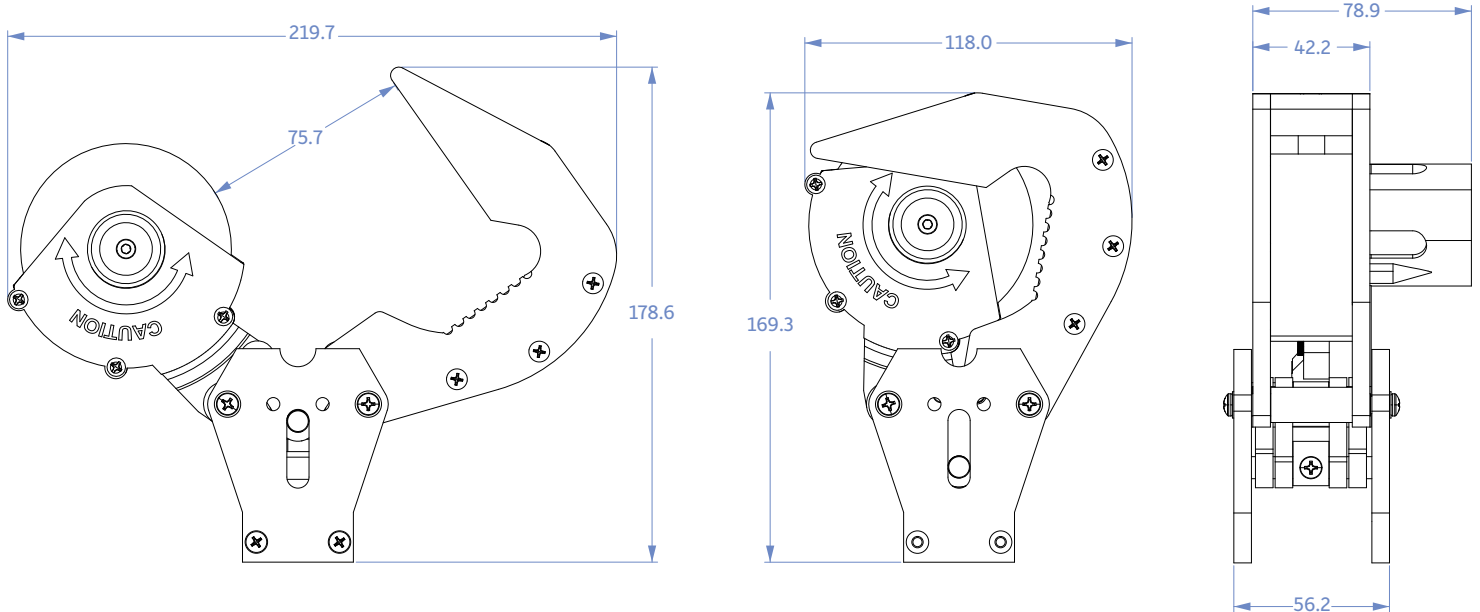
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Dimensions - Cutting Tool*



Mechanical Specifications*

Bite Force	200N (approx)
360° Jaw Rotation (No Load)	7.5 seconds
Cutting Jaw Weight	290g (approx)
Jaw Opening	219.7 mm
Time to Open/Close	14.2 seconds

Electrical Specifications*

Supply Voltage (V_{in})	12 - 24VDC
Peak Current	3 amps

* Specifications, options, and availability subject to change with out notice. Errors and omissions excepted. We reserve the right to limit quantities.

The MarineNav Advantage

Designed versatility
with interchangeable
ROV manipulator
head attachments | MN



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