



ROVTECH SOLUTIONS

Harsh Environment Problem Solvers

ROV Gripstick End Effector



Specification:

- 316 L Stainless Steel
- 12v DC Operation
- $\pm 90^\circ$ Rotation
- Bespoke Stainless Steel Jaws
 - Enabling fused together bars to be levered apart
 - Specific Widths of Bar to be lifted/moved
 - Clam Shell for extracting mounds of waste
- Variable Torque Control

Optional

- 90° Electric Tilt with Micro Switch End Switch
- Integral Micro Seacam LED Camera to view Operational Jaws

ROV Mounted Gripstick End Effector

The RSL ROV Mounted Gripstick is a fully electric Gripstick developed for the nuclear market. Although originally designed solely for the Rovtech Solutions Dedicated Pick and Place Nuclear Remotely Operated Vehicle the Gripstick has become an essential end effector for other ROV's working in the nuclear industry because of its stability, reliability and functionality.

The robust design gives operators the confidence to tackle tasks that were previously on their wish list rather than the possible list. The range of jaws available and the possibility to fit bespoke jaws gives the Gripstick a wide area of application.

The Gripstick has recently undergone an in-house design review and has been strengthened allowing it to work in both the vertical and horizontal axis, previously constrained to the vertical.

With the addition of the Rovtech Solutions End Effector Deployment Poles the Gripper can be used as a manual system, the weight being offset by buoyancy making it neutrally buoyant in water.

Sellafield Note: The Gripper is available as a Material Mastered Off The Shelf Unit.

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