

REACH
ROBOTICS

ADVANCED TECHNOLOGY
FOR UNDERWATER OPERATIONS

Discover the range of Reach Alpha subsea manipulators. Designed for versatility, precision and endurance, in complex environments, these robotic arms have a depth rating of 300m and are available in multiple configurations to meet your specific task requirements.

ALPHA 5 | RA-5001

- 5 Function
- 0.4m Reach
- 2kg Full Reach Lift



ROTATING GRABBER | RA-2130

- Rotate - 0.6Nm | 60°/s
- Force - 600N | 2.5mm/s



MOUNTING KIT | RA-1013

For tool-less removal of grabbers and manipulators

ALPHA 3 | RA-3001

- 3 Function
- 0.25m Reach
- 2.5kg Full Reach Lift



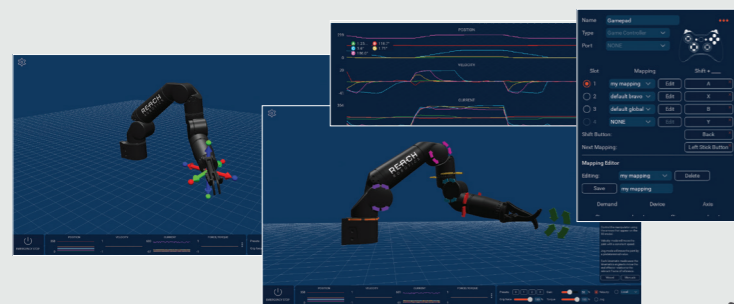
Mission Specific End-Effector Tooling

A range of purpose-designed end-effectors that can be easily swapped in-field in order to adapt to evolving task requirements.

CONTROL OPTIONS

REACH CONTROL

A software package providing an intuitive interface between operator and manipulator system. Reach Control Pro includes features such as Cartesian (XYZ) control, datalogging, custom probe configuration, and more.



MASTER ARM | RM-5201 / RM-7201

1-1 Joint matching to increase precision and accuracy during complex tasks. Master Arms are available in 5 and 7 functions to match your manipulator.



UNDERWATER VISION

Experience greater perception during remote operations with compact, low-light, underwater cameras that attach to the wrist of your manipulator.



Micro IP Camera | RAC-1000

Reach X Wrist Camera | 14-3032

Reach X is an advanced robotic manipulation system, designed for mission-critical subsea intervention and asset integrity management. With best-in-class performance this versatile system enables operators to cut, grab, recover, repair and disarm using portable ROVs. Reach X is depth rated to 300m with a light-weight design prioritising dexterity, speed and portability.

REACH X5 | RX-5001

- 5 Function
- 0.4m Reach
- 4kg Full Reach Lift



REACH X3 | RX-3001

- 3 Function
- 0.27m Reach
- 3kg Full Reach Lift



REACH X7 | RX-7001

- 7 Function
- 0.5m Reach
- 3kg Full Reach Lift



REACH X2 | RX-2130

- 2 Function
- 0.22m Length
- 8Nm Wrist Torque



MISSION READY

Our versatile, swappable tooling can be configured to match your operation requirements. The Reach X end effector range is expanding to include all popular variants we have developed for prior manipulator series. **Need a specific tool?** Let us know so we can work with you.



14-5030

14-5020

14-5010

INTUITIVE OPERATION

Reach X Command Pods offer precision and simplicity. When paired with an ROV tablet controller, a single operator can manoeuvre the vehicle and manipulators from one system. With minimal training requirements, Command Pods are perfect for first-time operators and scaling ROV fleets.

Note: Software & tablet not included.

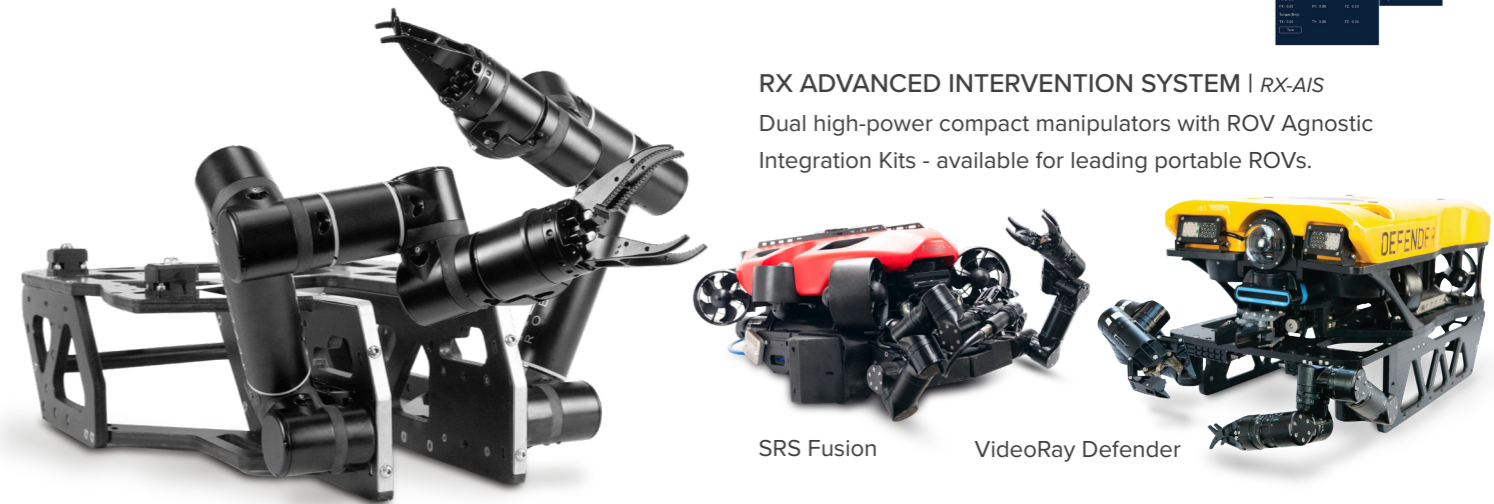


RI-1001

RI-1002

RX ADVANCED INTERVENTION SYSTEM | RX-AIS

Dual high-power compact manipulators with ROV Agnostic Integration Kits - available for leading portable ROVs.



SRS Fusion

VideoRay Defender

Reach Bravo is a range of tough, electric, lightweight manipulators changing the remote operations landscape for inspection-class vehicles in harsh underwater environments. Used by commercial service providers and researchers around the world, the Bravo series features a 450m depth rating so you can confidently operate in high pressure environments.

BRAVO 7 | RB-7001

- 7 Function
- 0.9m Reach
- 10kg Full Reach Lift



BRAVO 5 | RB-5001

- 5 Function
- 0.75m Reach
- 12kg Full Reach Lift



BRAVO 3 | RB-3001

- 3 Function
- 0.41m Reach
- 12kg Full Reach Lift



JOINT UPGRADES AND END EFFECTORS

BRAVO ROTATING CUTTER

RB-2130 + RB-1042

- Cut 0.1mm-36mm Softline & 1" Copper Cable



BRAVO ROTATING GRABBER | RB-2130

- 2 Function
- 0.33m Length
- 20Nm Wrist Torque

Mission Specific End-Effector Tooling

A range of purpose-designed end-effectors that can be easily swapped in-field in order to adapt to evolving task requirements.



RB-1025



RB-1055



RB-1041



RB-1042



RB-1034



RB-1054