



REACH ROBOTICS

PRODUCT DIRECTORY

ADVANCED ROBOTICS FOR HARSH ENVIRONMENTS

REACH
ROBOTICS

REACH ALPHA

MANIPULATORS

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.



GRABBERS & ACCESSORIES

ALPHA GRABBER | RA-1300

- Rotate - 2.5mm/s
- Force - 600N
- Power - 6W Max



ROTATING GRABBER | RA-2130

- Rotate - 0.6Nm | 60°/s
- Force - 600N | 2.5mm/s
- Power - 11W Max



MOUNTING KIT | RA-1013

For tool-less removal of grabbers and manipulators



MISSION SPECIFIC END-EFFECTOR TOOLING

INTERCHANGE WITH EASE



RA-1018

RA-1011

RA-1070

RA-1014

RA-1012

RA-1017

RA-1037

RA-1048

REACH BRAVO

MANIPULATORS

A range of tough, electric, lightweight manipulators changing the remote operations landscape for inspection class vehicles in harsh underwater & terrestrial environments. The Reach Bravo series features a 450m depth rating so you can confidently operate in subsea conditions.

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 ROTATING GRABBER | RB-2130

- 2 Function
- 0.33m Length
- 200kg Axial Load Capacity



BRAVO 3 | RB-3001

- 3 Function
- 0.41m Reach
- 15kg Full Reach Lift



UPGRADES & ACCESSORIES

BRAVO HUB

RB-1080

A multi-port hub to integrate numerous Reach Bravo products.



FORCE/TORQUE SENSOR

RB-FT

A multi-axis unit to measure force & torque.



PAYLOAD INTERFACE

RB-1054

Attach external tools & sensors securely at the manipulator end-effector.



ACCESSORY PORT CONNECTOR

RB-1006

Enhance sensor integration with this communication & power interface.



MISSION SPECIFIC END-EFFECTOR TOOLING

INTERCHANGE WITH EASE



RB-1025



RB-1055



RB-1041



RB-1043



RB-1044 SS



RB-1042



RB-1034

ROTATORS

ALPHA BEND | RA-1400

- Rate - 30°/s
- Torque - 10Nm
- Power - 11W Max



BRAVO INLINE ROTATE | RB-1100

- Rate - 45°/s
- Torque - 20Nm
- Power - 40W Max

ALPHA PAN TILT | RA-2140

- Rate - 60°/s PAN | 30°/s TILT
- Torque - 1Nm PAN | 10Nm TILT
- Power - 11W Max

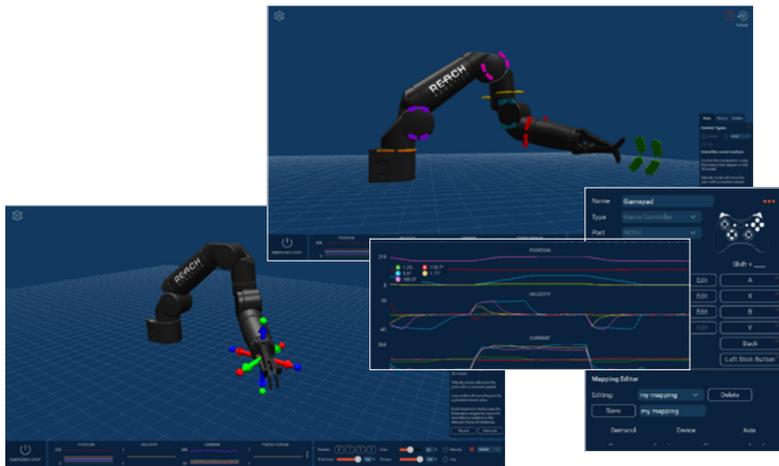
ALPHA INLINE ROTATE | RA-1100

- Rate - 60°/s
- Torque - 0.6Nm
- Power - 6W Max

CONTROL OPTIONS

REACH CONTROL | RC-1000 (Lite) / RC-2000 (Pro)

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.



VISION TECHNOLOGY

SUBSEA ROV LIGHT | RL-1001

- 1500 Lumens
- 135° Beam Angle
- 6000K Colour Temperature



MICRO IP CAMERA | RAC-1000

Experience greater perception during remote operations with compact, low-light, underwater cameras.

- Standalone & Reach Alpha
- 1080p Resolution
- 2MP IP Camera
- 130° FOV

BRAVO WRIST CAMERA | RB-1057

For Reach Bravo manipulators

