



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

### ALPHA PAN TILT | RA-2140

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

### BRAVO INLINE ROTATE | RB-1100

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

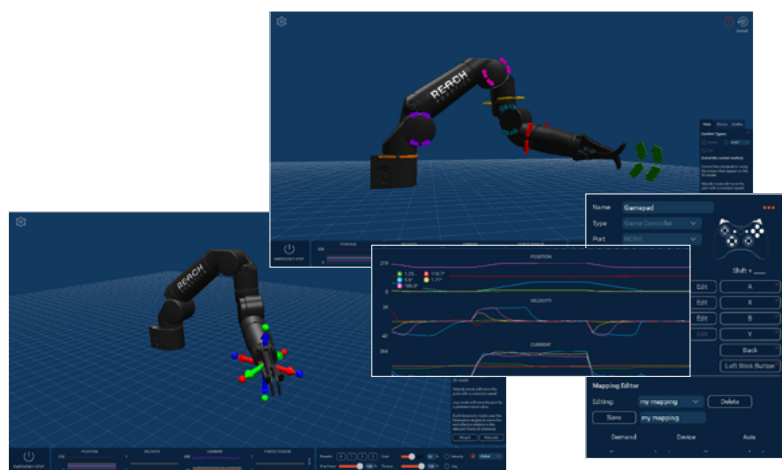
### ALPHA INLINE ROTATE | RA-1100

- 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

