

Chinook

Remotely Operated Vehicle (ROV)

Phoenix International's Chinook ROV is an industrial grade, dual function gripper, inspection ROV built by SEAMOR Marine with the capability of working to depths of 300 meters (1,000 ft). Its compact profile allows for ease of use with minimal crew and mobilization onto smaller vessels of opportunity.

It can support a variety of missions including:

- Inspections
 - Vessels
 - Offshore Platforms
 - Coastal and Inland Infrastructure
- Accident and Forensic Investigations
- Route & As-built Surveys
- Photographic & Video Documentation
- Biological & Oceanographic Sampling
- Green Energy Infrastructure
 - Offshore Wind
 - Wave Energy

Capabilities

- High resolution forward inspection camera, and rear-facing fixed camera
- Basic manipulator functionality for sea floor object recovery
- Skid attachment for quick fitting of a variety of tooling and instrumentation

Contact us to learn more

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Travis Niederhauser, General Manager



General

Max. Op. Depth	300 m (1,000 ft)
Size (L x W x H)	686mm x 384mm x 406mm (27 " x 15.1 " x 16 ")
Weight in Air	33 kg (72 lbs)
Construction	Anodized aluminum, stainless steel, syntactic foam and marine grade polymers
Speed	2 knots

Vehicle Description

Thrusters	4 x Lateral 2 x Vertical
Cameras	NTSC or PAL (full broadcast-quality) 3x optical, up to 32x total zoom
Lighting	Two (2) x 1,500 lumens (3,000 lumens total) Dimmable; 90-degree rotation
Aux Lighting	Two (2) x 1,500 lumens (3,000 lumens total)
Tether	Length 335 m (1,100 ft) x Dia.10 mm (0.4 ") Breaking Strength 700 kgf, Kevlar reinforced
Sensors	Pressure/Depth Compass Heading Pitch and Roll Dedicated leak and temperature sensors in both the electronics and camera canisters
Control System	Pelican case mounted controller Built-in 15 " LCD monitor Digital video recorder Video overlay: depth, heading, auto-depth, auto-heading, pitch/roll, tether turns counter, date & time Operates on standard 120 volt power

Optional Equipment

CT/UT Probe Integration; Cutter; Various Scanning Sonars
Replacement port propeller
Replacement starboard propeller