SEAMOR MARINE

CHINOOK ROV

The Chinook is an industrial grade inspection ROV with a wide range of capabilities. Explore depths up to 300 m (1,000') with the standard vehicle or 600 m (2,000') with the deep water version.

A true workhorse, the Chinook offers a stable platform yet remains compact. With its small profile, the Chinook can operate in tight places and is easily stowed when not in use. Multiple handles and frame cross members allow two people to handle this ROV with ease.

For greater versatility, customize your Chinook by adding accessories such as extra thrusters, navigational searching aids, manipulators, tool skids and more.

FEATURES

- Intuitive controller
- High-resolution colour, zoom camera
- Variable speed & directional ROV control
- Integrated controller with LCD monitor
- Digital Video Recorder (DVR)
- Manual & automatic camera focus control
- Depth-rated to 300 m (1000') or 600 m (2,000') with deep-water model
- Up to six (6) powerful thrusters
- Auto depth, auto heading functions
- Leak detection warning system
- Tether-launchable

EXPERIENCE THE BEST IN POWER, RELIABILITY & VERSATILITY.

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DIMENSIONS & ATTRIBUTES

Depth Rating	300 m (1,000') or 600 m (2,000') with deep water model
Size (L x W x H)	686 mm x 384 mm x 406 mm (27" x 15.1" x 16")
Diagonal	533 mm (21")
Weight in Air	33 Kg (72 lbs) (6-thruster vehicle trimmed for fresh water)
Construction	Anodized aluminum, stainless steel, syntactic foam & marine-grade polymers

THRUSTERS

Configuration	2 or 4 horizontal & 2 vertical/lateral thrusters, built-in short-circuit protection on each channel
Speed	2 knots (dependent on environment & configuration)

AUXILIARY CAMERA & LIGHTS

Type	Colour or black & white, low light
Format	NTSC or PAL
Focus	Fixed
Light	2 x 1,500 lumens (3,000 lumens total) on/off control
TETHER	***Available in twisted pair or fibre optic configurations***
Length	335 m (1,100') standard starting length; max. std. length 500 m (1,640') for twisted pair; 625 m (2,050') for fibre optic, on manual reel
Diametre	10 mm / 0.4" (nominal)
Breaking Strength	700 kg f, Kevlar reinforced
Weight in Water	Neutrally buoyant in fresh water

FORWARD CAMERA & LIGHTS

Format	NTSC or PAL (full broadcast-quality)
Focus	Manual & Automatic
Zoom	3x optical, up to 32x total zoom
Tilt Range	+/- 90 degree rotation
Lights	2 x 1,500 lumens (3,000 lumens) dimmable high-intensity LED
Lasers	Optional parallel green lasers on 150 mm (6") baseline for scale reference

CONTROL SYSTEM

- Pelican Case mounted controller
- Built-in 15" LCD monitor
- Digital video recorder included
- Video overlay: depth, heading, auto-depth, auto-heading, pitch/roll, tether turns counter, date & time

SENSORS

- Pressure/depth
- Compass heading
- Pitch & roll
- Dedicated leak & temperature sensors in both the electronics & camera canisters

OPTIONS

- Aux Camera
- High brightness monitor
- Extra monitor in power supply case
- Aux float that adds extra payload (1.5lbs/0.7kg)
- Hand-held controller
- Laser
- HD video
- Sonar integration
  - Imagenex 852 Sonar
  - Imagenex 881A Sonar
  - Imagenex 965A Sonar
  - Blueview M900
  - Soundmetrics Aris 3000
  - Tritech Gemini 720is
  - Tritech Gemini 720im
  - Tritech Gemini 720ik
  - Tritech Micron DST sonar
  - Tritech MicronNav USBL
    - MicroNav USBL GPS antenna option
  - Tritech Micron Echosounder
- USBL integration
  - LinkQuest Tracklink 1500LC USBL
  - Tritech MicronNav USBL
    - MicroNav USBL GPS antenna option
- SEAMOR Auxiliary LED lights
- Dual-function gripper (open/close & jaw rotation) &/or cutter
- Rotating Brush
- Interchangeable skid-mounted instrumentation or tooling platforms
- CT & UT probe integration
- Altimeter with auto altitude control

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