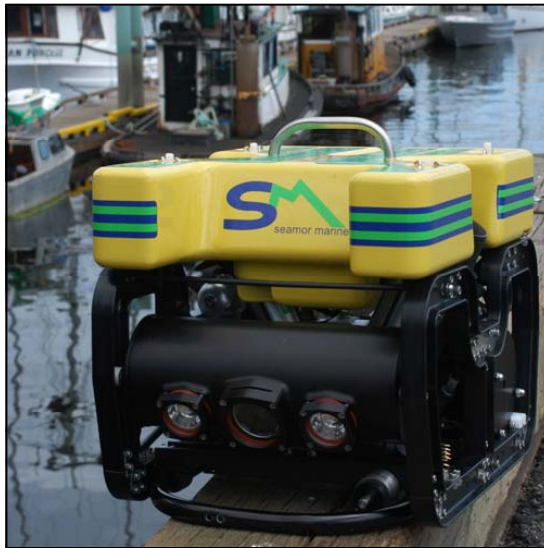
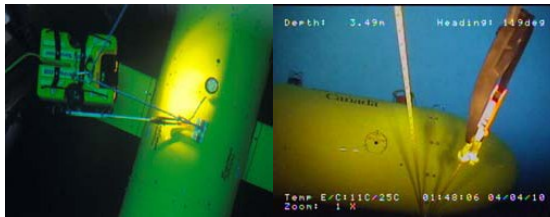


SEAMOR 300T ROV

The Seamor 300T ROV is a powerful, industrial inspection-class mini-ROV designed for a wide range of underwater challenges. High resolution imagery and bright illumination couple to provide high-quality images digitally captured using intuitive, precise ROV control.



Focus Industries

- Aquaculture
- Forensics/SAR
- Hydro Inshore
- Marine Security
- Offshore
- Pipeline Inspection
- Potable Water
- Recreational
- Research
- Structural Analysis
- Salvage Operations
- Hull Inspection

- **Open Frame & Modular Components**
Makes for easy modifications to meet any users demands

- **Intuitive Controller**
An advance controller allows the user to command the vehical with great persision and confidence

- **High Resolution Imagery**
High resoluion camera allows the user to identify solutions with ease

- **Auto Depth / Heading**
Auto Depth / Heading allows you to conentrate on other tasks

- **Customizable Platform**
Allows for many choices of tooling and sensors

FEATURES

- Leak detectors give operators advanced warning of a problem, possibly preventing expensive repairs.
- Sonar allows operation in water so murky that navigation would be impossible with only cameras.
- 3D positioning and tracking system allows the operator to know the vehicle's position regardless of visibility conditions, and makes it easier to ensure coverage for inspection operations.
- Electric or manual wind tether reels for tether management.
- Integrated controller with LCD monitor and DVR
- Aux LED lighting for task specific illumination
- High Definition (HD) forward viewing available

300T Platform Specifications

Vehicle

Size (W X L X H)	14" X 18.6" X 14" 355mm X 472mm X 355mm
Weight in air	~45lb / 20kg
Construction	Aluminium and high impact ABS
Depth Rating	1,000 ft / 300m
Speed	Up to 3 knots
Power	750W max load



Thrusters

Horizontal	2x90w
Vertical/Lateral*	2x90w
Thrust	~11 lb/5 kg per thruster

*Vertan thrusters allow for lateral thrust and control

Forward Camera & Lights

Type	Color 1/4" CCD (FCB1X10A Sony)
Sensitivity	1.5 lux min.
Resolution	460+ TV lines (380,000 effective pixels)
Focus	Manual and Auto
Iris	Auto
Zoom	40:1 (10x optical, 4x digital)
Tilt Range	180 Degree
Lights	2xLED*, variable intensity, tilt with camera

*3000 Lumens total



Aux. Camera

Type	Sony Color 1/4" CCD
Sensitivity	<0.5 lux
Resolution	380 TV Lines
Focus	Fixed
Iris	Auto
Lights	12 high intensity LED's, ON/OFF

Tether

Length	550ft/165m, 1100ft/330m standard
Diameter	0.39"/10mm
Weight in water	Neutrally buoyant in fresh

Sensors

- Pressure/Depth
- Heading and Focus Length
- Leak and temperature alarms and indicator
- Thruster stall alarms and indicator
- 2 year limited warranty, spare thruster, tool kit, manual and general spares kit

Seamor 300T Options

- Aux/Navigation B/W Camera
- Tritech Micron Sonar
- Tritech Micron Eco Sounder
- Imagenex 881A Imaging Sonar
- Dual-Function Manipulator/Gripper
- Longer tether (max 2,000ft)
- Tritech USBL/LBL/G PS Positioning
- LYYN video optimization
- External Aux. LED lights
- High Thrust Pkg. (add 2 x 150W horizontal thrusters)
- Customizable platform for tooling and sensor integration

The Seamor 300 open frame platform and twisted pair umbilical allow this ROV to be customized to suit your application and your specific needs.