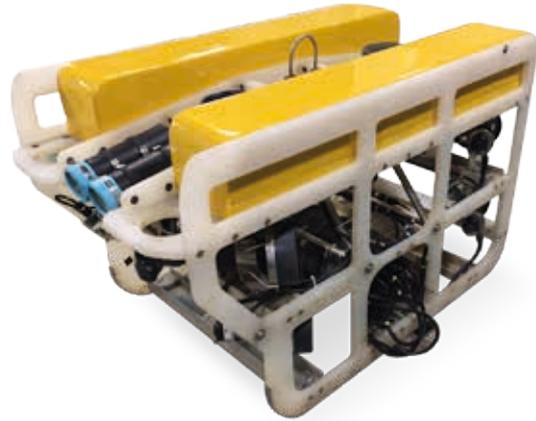


## Seaeye Surveyor Plus

Thruster configuration, shape and light weight construction provide an ROV ideally suited for survey operations with the payload and interfaces to easily accommodate survey peripherals. This versatile ROV is also widely used for drill support, observation and inspection applications, the Surveyor Plus systems are also modified to deploy SEAROV SRCT innovative cleaning tool.

### System configuration

- Inspection
- Cleaning
- Construction



## Seeye Surveyor Plus

The Surveyor Plus ROVs are launched using a gravity based crane or 'A' Frame LARS (Launch and Recovery System).

The Surveyor Plus serie is a development of the highly successful Seeye Surveyor. These ROVs have more power, higher payload and high power hydraulic supply than equivalent systems constituting a true multifunction ROV.

Operationally, the Surveyor Plus is simpler to operate and easy to maintain. The Surveyor Plus has 8 horizontal thrusters giving a forward thrust of 125kg.

### Vehicle dimension & weight

Length	1450 mm
Width	820 mm
Height	920 mm
Launch weight	250 kg
Max speed	3,5 knots
Payload	50 kg
Forward thrust	125 kgf
Vertical thrust	35kgf
Max depth	rating 600m

### Combined control Cabin/Workshop

#### Configuration 1:

Control cabin & workshop are fitted in a unique 20 ft container

Length	6000 mm
Width	2450 mm
Height	2500 mm
Weight	12000 kg

#### Configuration 2:

Control cabin in a unique 10 ft container

Length	3000 mm
Width	2450 mm
Height	2500 mm
Weight	5000 kg

### Power requirements

#### Standard equipment

**Cameras** ..... 2 x Color CCD Camera  
1 x Black & White Low Light Camera (optional up to 4 cameras including zoom)

**Pan & Tilt** ...Electrical Tilt Unit, ± 90 deg (with positional feedback displayed on overlay)

**Lighting** ..4 x 150w each quartz-halogen or LED unit (Optional up to 6)

**Sonar**..... Trittech Super Seaking  
**Compass**.....Flux-gate unit with solid-state rate stabilization sensor Accuracy ± 1°, Resolution 0.35°

**Depth Gauge** ..... Electronic pressure sensor Accuracy ± 0.1%

**Auto Pilot**..... Auto Depth and Auto Heading

**Hydraulics**.....4kW motor & pump for tooling and Manips.

**Valve Pack**.....7-Function hydraulic valve pack

**Manipulators** ..... 1 x 5 function manipulator

### LARS Launch and Recovery System

Deployment	Gravity Based Crane
Length	3000 mm
Width	2450 mm
Height	2500 mm
Weight	5000 kg
(Including winch)	

### Winch/Power Pack dimensions

Length	1200 mm
Width	750 mm
Height	1000 mm
Weight	750 kg
Cable capacity	600 m

### Service team

Typical ROV team based on 12 hours/day operations  
> 2x Pilot / Technicians  
> 1x Supervisor

### Options

- Tether Management System (TMS)
- SIT camera
- CP probe (Contact or proximity)
- Flooded Member Detection
- UT Wall thickness measurements
- Multi-function manipulator
- Hydraulic tooling
- SEAROV SRCT Cleaning tool



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