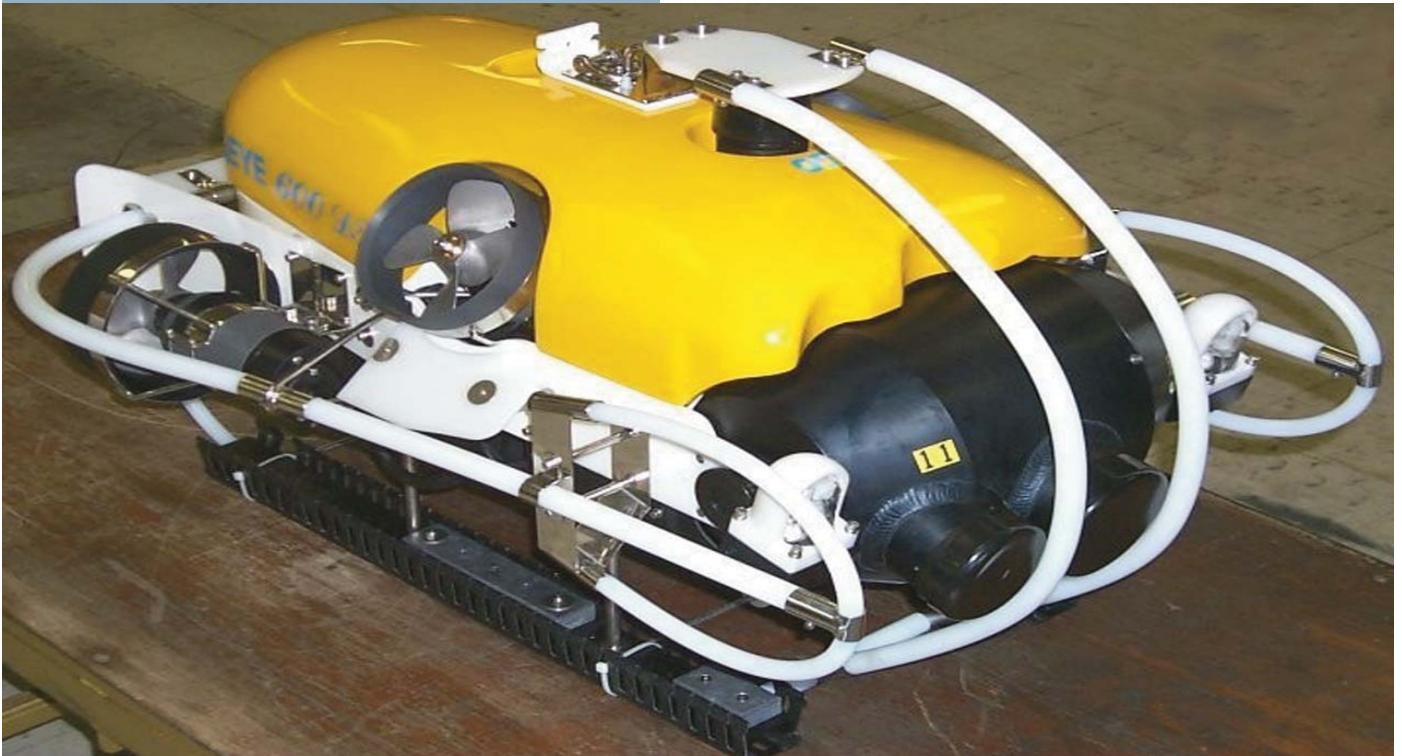


# Seaeye 600

OBSERVATION-CLASS ROV



The Seaeye 600 is rated for operations to a depth of 300 metres. The original hydrodynamic shape remains unchanged since the system was introduced in the 1980s but modern digital electronics, today's control technology and the latest Seaeye SM4 thrusters have been added to enhance the power and performance envelope of this internationally-established observation ROV.

- Up to 300m depth rating
- 12kg payload capability
- Weight in air 65kg
- Optional low light mono CCD TV camera
- Designed & built by industry-leading observation-class system manufacturer, Saab Seaeye
- Garage tether management system or free-swimming modes

**Dimensions & Weights**

Length	1000mm
Width	760mm
Height	580mm
Weight in Air	65kg
Payload	12kg
Depth Rating	300m

**Propulsion System**

The vehicle is propelled by 4 SM4 brushless DC thrusters

Forward	42kg
Vertical	14kg
Lateral	17kg
Thruster configuration: Two horizontal & two vertran units	

**Video System**

Single TV channel with camera change-over  
Video transmission via a balanced line driver and screened twisted pair

**Light Output (available)**

Available fit of two 150W variable intensity

**Control, Indication & Sensors**

Auto heading  
Auto depth  
Hand control unit  
Compass rose  
Tilt icon  
Date & time  
Depth & CP data

**Vehicle Control System**

16-bit digital system providing easy interfacing for ancillary equipment by the operator

**Standard Equipment**

A Seaeye colour CCD camera, second camera client specific. Auto-pilot is a standard feature incorporating both heading and depth, as is the sonar. All features interface with a complete video overlay system. Digital stills capability is available by interfacing the video signal into a topside PC with video-grab capability.

**Optional Equipment**

Technical Training programme  
Seaeye low light mono CCD TV camera  
Sonar systems  
Tracking systems  
Single function electrical 'Gripstick' manipulator  
SIT camera fit  
CP Probe (Contact or proximity)  
Launch & deployment system (Zoned & un-zoned)  
ROV Control cabin (Zoned & un-zoned)

**Optional Tether Management System (TMS)**

Saab Seaeye	
Garage Design	Side entry bale arm mechanism
Tether capacity	140m

**Electrical Supply Requirements**

Single/dual phase	110-440Vac 50/60Hz
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