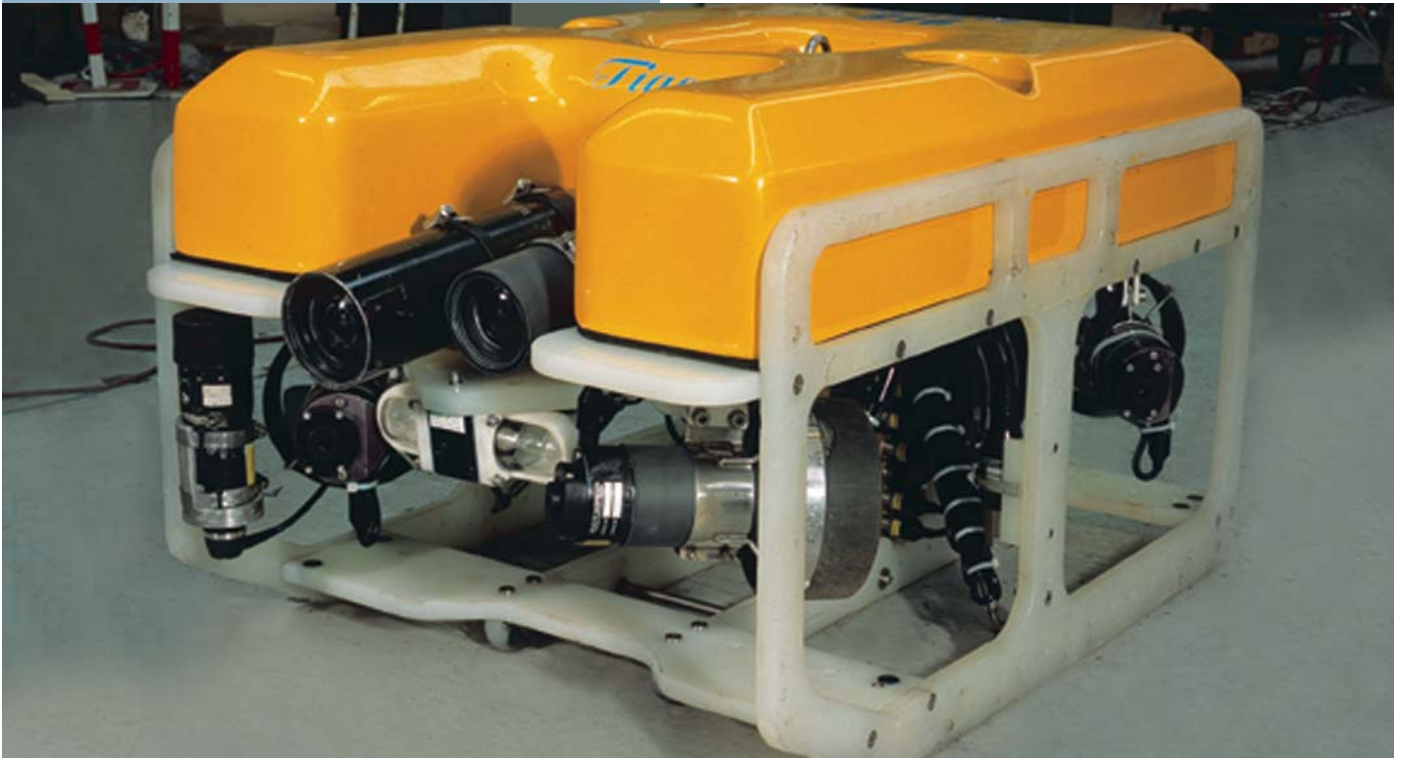


Seaeye Tiger

OBSERVATION-CLASS ROV



Widely regarded as the world's leading observation-class ROV, the Seaeye Tiger is capable of diving to 1000msw.

The light-weight polypropylene chassis and stainless steel frame is neutrally bouyant in seawater and is desgined to provide maximum protection with minimum maintenance requirements.

The Seaeye Tiger is the perfect option for inspection programmes requiring light intervention or as a support system alongside a work-class ROV.

- Up to 1000m depth rating
- 32kg payload capability
- Weight in air 150kg
- Optional 4-function manipulator
- Designed & built by industry-leading observation-class system manufacturer, Saab Seaeye
- Garage tether management system or free-swimming modes

Dimensions & Weights

Length	1030mm
Width	700mm
Height	590mm
Weight in Air	150kg
Through Frame Lift Capacity	2300kg
Payload	32kg
Depth Rating	600msw & 1000msw

Propulsion System

The vehicle is propelled by 5 SM 4M brushless DC thrusters

Forward	>62kgf
Vertical	>22kgf
Lateral	>43kgf
Thruster configuration:	Four horizontal vectored, one vertical

Video System

Recording Format	SVHS or VHS
Dual video channels switched	
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
Auto stop on new heading
Gyro
Solid state rate sensor
Tritech SeaKing Sonar
Video overlay as standard
Compass rose
Tilt icon
Date & time
Depth & CP data

Manipulators

Right-hand	
- optional	4-function Gauntlet

Vehicle Control System

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

Standard Equipment

Colour and low light b & w cameras mounted on a tilt unit and scanning sonar. 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.

Additional Equipment

One function manipulator
Cutter
CP equipment
FMD equipment
Optional four function Gauntlet Manipulator

Optional Tether Management System (TMS)

Saab Seaeye Garage Design	
Tether capacity	200m

Electrical Supply Requirements

Three phase	380-480Vac 60Hz
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