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Group

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Tiger 899

OWA SEAEYE TIGER

Electric Observation Class ROV

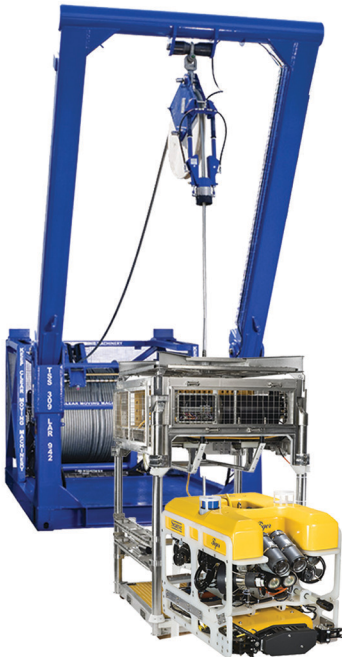
The **Seaeye Tiger** is a very stable platform, with excellent manoeuvrability and performance in strong currents. Its open frame construction and generous payload offer the possibility of adding a wide range of tools and sensors as well as interchangeable tool skids.



The Seaeye Tiger is widely regarded as the leading observation vehicle within the oil and gas industry. Increasingly they are also being taken up as the ROV of choice by clients seeking increased capability in deep water.

With a combined ROV Control and Workshop container, a Launch & Recovery System (LARS), the Seaeye Tiger system has a small mobilized deck footprint.

The Seaeye Tiger has one vertical and four horizontal vectored brushless SM4 DC thrusters. These thrusters provide superior control and response and give the Seaeye Tiger excellent stable handling characteristics.

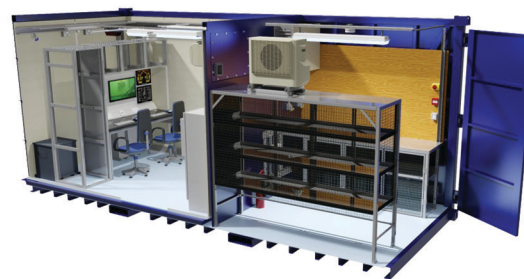


The Tiger comes complete with a Seaeye type 2 TMS with a system rating of 1000msw.

The Tiger and its accompanying garage TMS are deployed from a LARS skid consisting of an integral Winch, A-Frame and Hydraulic Power Pack. This gravity base LARS is designed to be rapidly mobilized.

The optional Hydro-Lek Gauntlet Plus 4-Function Manipulator arm is a utility class arm ideally suited for light intervention tasks. It is extremely compact and has a lift capacity of 40kg.

Providing Cost Effective Solutions



Vehicle Specifications

Year Built	2014
Depth rating (msw)	1000m
Payload	32kg

Vehicle Power / Performance

Forward Thrust	62kgf
Lateral Thrust	43kgf
Vertical Thrust	22kgf
Forward Speed	3knots
Lateral Speed	3knots

Launch and Recovery System (LARS)

Type	A-Frame
Manufacturer	Tech Safe Systems Ltd.
Classification Society	Lloyds
SWL	2,283kg

TMS and Tether

TMS	Seaeye Garage Type 2
Tether Manufacturer	Seaeye RT0068
Outer Diameter	17.5mm
Length (max.)	140m
Type	Power, Fiber Optic and TWP

Armored Umbilical

Manufacturer	Seaeye ADU 3
Outer Diameter	31mm
Length (max.)	1000m
Decklead Length	10m
Type	Power, Fiber Optic and TWP

Tiger 899 ROV System Dimensions (L x W x H x Wt.)

ROV	1.0m x 0.70m x 0.60m x 150kg
TMS	1.20m x 1.20m x 1.60m x 487kg

Vehicle Configuration

Thruster Horizontal	4 x Seaeye SM4 Brushless DC motors
Thruster Vertical	1 x Seaeye SM4 Brushless DC motors
Control System	SAAB Seaeye Graphical User Interface (GUI)
Auto Functions	Heading, Depth
Telemetry	Fiber Optic 2 live cameras + one switchable LIM, Voltage, Current Monitoring CP Interface, Aux1 Manip, Aux 2
Cameras	1 x Colour zoom camera 1 x SIT or low-light-level camera
Tilt	1 x Seaeye +/- 90 degrees
Lights	2 x 40w dimmable LED
Sonar	Tritech Super SeaKing
Depth	Seaeye +/- 0.1%
Heading	Megneto Resistive Compass +/- 1 degree accuracy
Manipulator	4 Function Hydro-Lek Gauntlet Plus (Optional)

Control / Workshop Container

Safe Area 20ft split Control Cabin with a Pilot Control section and a separate workshop section. Fitted with electric power distribution panels, lighting, air conditioning, heating and 19 inch racks and monitors.

Video Recorder (Main)	Digital Edge DVR
Video Recorder (Backup)	HDD/DVD Recorder

Power Requirements

440 VAC 3-Phase @ 60 Hz

Generator	60 kVA
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Optional Equipment

Ultrasonic Inspection Probe (UT)
CP Probe
Smartrak Pipe Tracker System

Cleaning Brush
Wire Rope Cutter
Water Jetter