

# **SEAEYE TIGER** (INSPECTION CLASS)

Mobile spread for rapid mobilization of observation and inspection ROV for operations to depths of 500 meters in the offshore oil & gas industry. Its performance in strong currents , excellent handling and manoeuvrability are unsurpassed

### Weight & Dimension

The extremely rugged polypropylene chassis with stainless steel lift frames are totally maintenance free, non-corroding and self-supporting in seawater.

<ul> <li>Depth rating</li> </ul>	1000 msw
• Length	1030 mm
• Height	590 mm
• Width	700 mm
<ul> <li>Launch weight</li> </ul>	150 kg

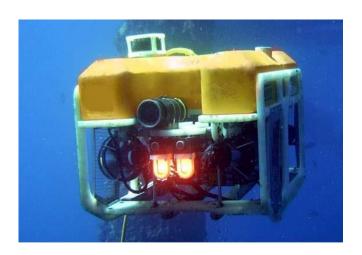
### Speed

The propulsion system includes one vertical and four horizontal vectored brushless SM4 250 V DC thrusters. These thrusters provide superior control and response.

<ul> <li>Forward speed</li> </ul>	3 knots
<ul> <li>Thrust forward</li> </ul>	62 kgf
Thrust lateral	43 kgf
<ul> <li>Thrust vertical</li> </ul>	22 kgf
<ul><li>Payload</li></ul>	32 kg

# <u>Power</u>

<ul><li>Input</li></ul>	3-phase 25 kVA
	50/60H
	220~475\



# Tether Management System (TMS) Type 2

Comes with TMS camera and illuminator

### TMS Dimension:

• Length	1.2 m
• Width	1.2 m
• Height	1.9 m
<ul> <li>Weight w/ ROV</li> </ul>	610 kg

### <u>Navigation</u>

A magneto-resistive compass and a solid-state rate sensor give superior azimuth stability.

<ul> <li>Compass accuracy</li> </ul>	±1°
<ul> <li>Resolution</li> </ul>	0.1°
<ul> <li>Update rate</li> </ul>	98 ms
<ul> <li>Electronic depth sensor</li> </ul>	Up to ±0.1%
Auto pilot	FSD accuracy
	Auto heading,
	depth &
	altitude

## **Control Container**

• Length	6058 mm
• Height	2750 mm
• Width	2438 mm
<ul> <li>Classification</li> </ul>	EXD Zone 2
<ul> <li>ROV control unit</li> </ul>	rated

Rack mounted control system w/ ROV Hand controller

### **LARS**

• Length	4900 mm
• Width	2800 mm