



SAAB Seaeeye TP-Falcon

Manufacturer Overview

SAAB Seaeeye is a leading manufacturer of Remotely Operated Vehicles (ROVs) and autonomous underwater systems for commercial, defense, and scientific applications. Founded in 1986, SAAB Seaeeye has since grown to become a global leader in the underwater robotics industry known by both Clients and Contractors.

ROV Overview

The Seaeeye Falcon is the world's most successful underwater electric ROV in its class. Lightweight, powerful, and modular the Falcon is the favourite choice within the industry for inspections and observations of subsea assets.

Available in a 20FT containerized-setting or as a standalone-option*, the Falcon is designed to be versatile and can be launched from any position.

*Terms and Conditions apply

General Applications

Offshore Inspection Services

- SPM / SBM Inspection
- Platform Inspection
- Pipeline Inspection

Offshore Construction Support

- Pipelines installation support
- Riser installation support
- Clamp installation support
- Cable laying support

Offshore Vessel Inspections

- UWILD of FSOs / FPSOs / FSRUs or equivalent
- UWILD of Mobile Offshore Units (MOUs)

General Specifications

Dimensions

11000x600x500mm

Tether Length

450m x Ø16mm

Weight (in Air) / Payload

60.0 kg / 14.0 kg

Rated Depth

300 msw

Camera Specifications

Camera Model

CAM-07P

Camera Dimensions

303 mm x Ø104mm

Weight in Air

2.51 kg

Weight in Seawater

1.06 kg

Broadcast Format / Quality

PAL / 700 TVL

Unit Rated Depth

12MP

Light Specifications

Lamp Model

LED

Dimensions (LOA x Ø)

300 x Ø90mm

Intensity / Power

3520LM / 34W x 2ea

LED Colour / Temperature

Daylight White / 6500K

Unit Rated Depth

300 msw

Connector / PIN

5-PIN / VDC, TEL A, TEL B, OV, EARTH

Thruster Specifications

Thruster Type

Magnetically Coupled Brushless DC

Thruster Model

SI-MCT01

Nominal Voltage/Power

48VDC / 300W

Control Signal

RS485 Interface

Forward Thrust

50.0kgf

Horizontal/Vertical Thruster

4/1 ea

Lateral Thrust

28.0kgf

Connector/PIN

5-PIN / 2x Power, 2x Telemetry, EARTH

Vertical Thrust

13.0kgf

