

TECHNICAL SPECIFICATION

# SEAEYE FALCON ROV SYSTEM



# ROVOP

KNOWLEDGE IN DEPTH

# SEAEYE FALCON ROV SYSTEM

## MODEL

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Seaeye Falcon

## MANUFACTURER

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Saab Seaeye Ltd.

## CLASSIFICATION

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DNV Safe Area Only

## TYPE

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Observation Class ROV

Free Swimming

Gravity Base LARS

## STRUCTURE

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Polypropylene Chassis

## FRAME & FITTINGS

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Stainless steel lifting frame

Stainless steel fittings and fasteners

## ROV SPECIFICATIONS

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ROV Depth rating	300msw
Length	1000mm
Width	600mm
Height	500mm
Payload	14kg
Launch weight	60kg
Thrust Forward	50 kgf
Thrust Lateral	28 kgf
Thrust Vertical	13 kgf
Forward Speed	3 knots

## UMBILICAL DATA CHANNELS

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Spare Twisted pair	1
CP line	1
PAL SD Video	2

## WORK CAPABILITIES

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Visual survey  
Platform inspection  
Salvage and oceanographic  
Survey jacket inspection  
Special tooling

## SYSTEM POWER REQUIREMENTS

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Input Voltage	1-ph 100-270 VAC
Input Power	2.8KW

The Seaeye Falcon is designed to offer operators a compact and lightweight electric ROV. The Falcon is a very portable system allowing it to be mobilized quickly in remote locations with only a single phase domestic power supply required.

The Falcon can accommodate a number of optional sensors, tools and accessories allowing it to carry out numerous subsea tasks.