



**N-SEA
KNOWLEDGE:
SHAPING
A NEW
SUBSEA ERA**

**N-SEA EQUIPMENT
OBSERVATION
CLASS ROV
FALCON**

DELIVERING SUBSEA
PEOPLE / VESSELS / EQUIPMENT

N-SEA: OBSERVATION CLASS ROV FALCON



The Seaeve Falcon is a powerful observation and inspection ROV, ideally suited for both offshore and inshore applications.

The Falcon features five powerful thrusters to provide precise control and maintain a stable platform in strong currents and turbulent waters. Its lightweight and compact nature makes it easy to transport with quick setup for rapid deployment.

VEHICLE SPECIFICATIONS

Weight in Air	78 kg
Dimensions (LxWxH)	1.0 m x 0.6 m x 0.5 m
Depth Rating	300 msw
Payload	14 kg

VEHICLE POWER & PERFORMANCE

Propulsion	5 x Seaeve Brushless Thrusters
Forward Thrust	50 kgf
Lateral Thrust	28 kgf
Vertical Thrust	13 kgf

VEHICLE CAMERAS & LIGHTING

Cameras	Seaeve Cam04P Colour Bowtech Explorer Monochrome
Lighting	2 X Seaeve LED Lamps

VEHICLE CONTROL & NAVIGATION

Automatic Control	Auto Heading, Depth and Altitude
Navigation Sonar	Tritech Super Seaking

LAUNCH & RECOVERY SYSTEMS (LARS)

Type	Seatec Crane Type / Optional Flight Case System
Max Gross Weight	7500 kg
Dimensions (LxWxH)	3.0 m x 2.44 m x 2.58 m (folded)
Hydraulic Lars Winch	350 m Tether
Power Requirement	380 v / 400 / 440 v 63 amp 3 Phase

CONTROL CONTAINER

Max Gross Weight	8000 kg
Dimensions (LxWxH)	3.0 m x 2.44 m x 2.58 m
Power Requirements	380 v / 400 / 440 v 63 amp 3 Phase
Facilities	Air Conditioning



OPTIONAL EQUIPMENT

Cleaning Equipment	Seaeve Wire Brush System
Inspection Equipment	Marine Growth Measurement Digital Thickness Measurement CP Inspection Equipment
Other	Subsea Positioning Sensors



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