

SEAEYE 'FALCON' ROV

Observation Class Vehicle

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Specifications



SERVICES

- Drill Support
- Survey, Inspection and Observation
- Shallow Water LAT Applications
- Emergency Response Operations

ADVANTAGES

- Compact and powerful electric ROV
- Standalone control with video suite
- Remote area spares
- Rapid deployment
- Low cost solution
- Streamline management and operations
- Compact spread

Seaeye Falcon is the highest capability observation class ROV in the world and is the ROV of choice for rapid deployment, reliability and low cost operations.

DETAILS

SAAB SEAEYE FALCON 12298

1000mmL x 600mmW x 500mmH, Weight: 60kg

- Depth rating of 300msw
- Payload 14kg
- Forward speed >3.5knots
- Forward thrust 50kg, Vertical thrust 13kg, Lateral thrust 28kg
- 5 x MCT01 vectored arrangement with magnetic coupling
- Dry electrical junction boxes

NAVIGATION

- Auto heading and depth
- Compass with azimuth stability
- Digital depth gauge
- Variable frequency (500 to 900KHz) Tritech SeaPrince imaging sonar
- Novatech ST-400A high powered, pressure activated xenon strobe light

MANIPULATOR

- 3 jaw function manipulator, Seaeeye Gripstick with fibre rope cutter

LIGHTING

- 2 x variable intensity 3200 Lumen LED lights

VIDEOGRAPHY / DATA / THIRD PARTY TOOLING

- 1 x High Resolution (HR) zoom camera (Sony 1/2" CCD)
- 1 x HR color cameras (Luxus) for manipulator extension
- Real-time digital video overlay for survey positioning & third party data
- Video and 'freeze' frame image capture
- LYNN video clarifier
- Survey and sonar video recording
- Digital overlay for survey positioning/CP/depth and third party data
- Video switching and display in HR format
- Video recording available on HDD, DVD and tape formats
- 'Blackbox' video for all cameras (HR)
- Video road case <32 kg



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OPERATIONAL TOOLING

- ROV tooling for field maintenance and repairs
- Remote area spares including 100% PCB replacement, thruster, tilt drive etc.
- Power tools rated for operation at 110 VAC in accordance with NOPSEMA requirements
- Tooling road case <32 k

UMBILICAL & REELER

- 340m of free-flying umbilical (Seaeeye 5801/50)
- 145m of free-flying umbilical (Seaeeye 5801/50)
- Both umbilical's are terminated (with dry shell connectors) and installed on interchangeable umbilical reels
- Umbilical reel frame, configured for rapid umbilical changeout.
- Road cases <32 kg / umbilical

LAUNCH AND RECOVERY

- Lift certified mechanical latch for deployment and recovery
- Managed by Hand deployment
OR
- Compact launch and recovery system (HELIA Sea Crane)

POWER REQUIREMENT

- 2.5 KW @ 50 Hz OR 60 Hz

