

System Applications:

Mobile and fixed offshore structures inspection, diving assistance, cables and pipelines pre-lay survey, touch down point monitoring, as-built survey, ship inspection.

Vehicle Specifications:

Weight, Dimension and Depth rating

- Max work depth: 300 msw
- Length: 1000 mm
- Height: 500 mm
- Width: 600 mm
- Weight in air: 62 Kg

Power and Performance

- Magnetically coupled brushless DC thruster
- 4 Vectored and 1 vertical thruster
- Payload: 16 Kg
- Thrust Forward: 50 kgf
- Thrust Lateral: 28kgf
- Thrust Vertical: 13 kgf
- Max speed: 3.5 kts (5.6 km / h)
- Input Power Requirements: 5 KVA Monophase 50/60Hz 220 VAC

Control and Navigation

- Auto heading, depth, compass and rate gyro
- Navigation Sonar System (on request)

Manipulators, Tooling and sensors (on request)

- Single Function, 3 Jaw Manipulator & Rope Cutter
- CP Probe
- Cleaning Brush
- Ultra Sonic Thickness Gauge
- Flooded Member Detection Probe

Cameras and Lighting

- Single Video Channel (2 switchable cameras)
- High resolution colour camera on 180° Tilt Platform
- Low light monochrome camera mounted on Tilt Platform (on request)
- Variable intensity 150 w of lighting

Launch and Recovery System:

- By Vessel Crane (if available)
- LARS with stainless steel garage (on request)

Base Standard Weather Operational Limits

- Wind Speed: 16 Knots
- Wave Height, maximum: 3 Feet
- Current speed (at surface): 1.5 Knots
- Visibility: 2 Feet

Control Van:

- Standard 10 feet container
- Falcon Surface Control Unit input 220 VAC
- One 15 inch high resolution monitor
- One 10 inch high resolution monitor
- DVD Recorder System

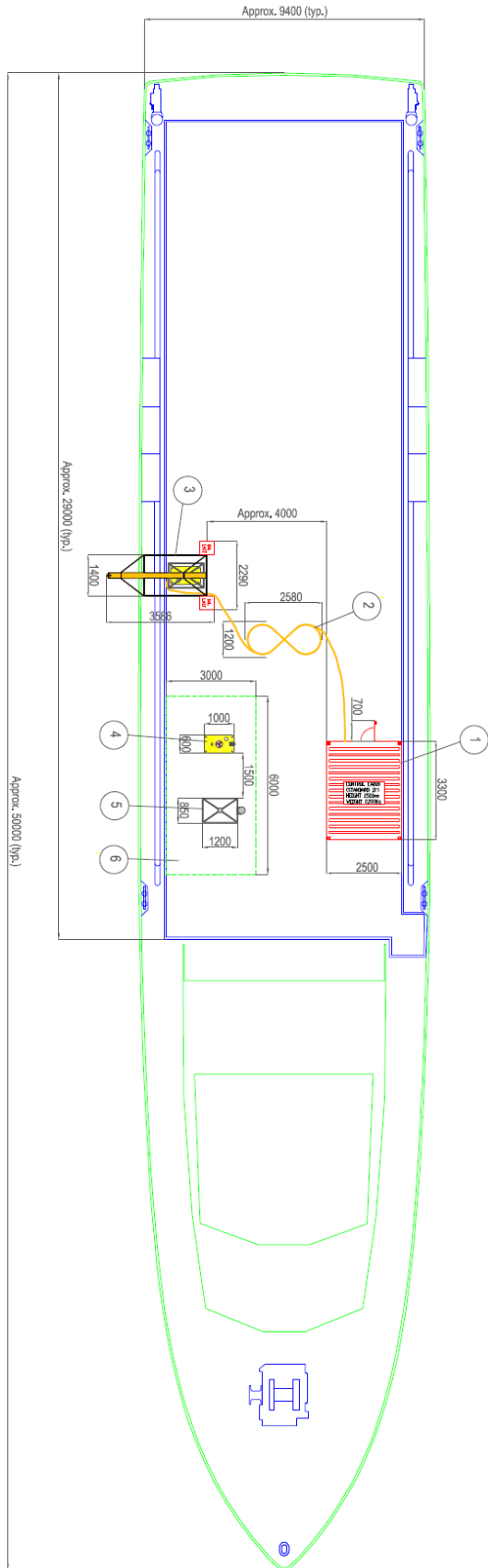


Non Destructive Test - FMD

*Up-to-date configurations and specifications will be supplied on request.
All informations believed to be correct but not guaranteed.*

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Item #	Description	Dimensions LxWxH (maxmm)	Surface (m ²)	Weight (kg)	Comments
1	ROV FALCON CONTROL CABIN (STANDARD 10 feet)	3.3x2.5x2.5	8.25	2500	C/W RIGGING AND SHACKLES
2	ROV FALCON UMBILICAL CABLE	1.2x2.6	3.12	70	CABLE LENGTHS AVAILABLE: 200m TO 400m
3	ROV FALCON LARS	3.6x2.3x2.3	8.3	450	DEPENDING ON PROJECTS AND VESSELS. LARS IS NOT NECESSARY REQUIRED.
4	ROV SEAEYE FALCON	0.6x1.0x0.5	0.6	70	
5	ROV FALCON LARS STAINLESS STEEL GARAGE	0.85x1.2x1.0	1.02	40	C/W RIGGING AND SHACKLES
6	MAINTENANCE / WORKING AREA	3.0x2.0	6.0	N/A	

TYPICAL SUPPLY VESSEL DIMENSIONS

LENGTH OVERALL: 50.00 m
BREADTH MOULDED: 9.40 m
DEPTH MOULDED: HOLD

NOTE:

- 1- Dimensions shown in this drawing are in mm
- 2- Referred to FALCON data sheet for more details
- 1- LARS = Launch and recovery system

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