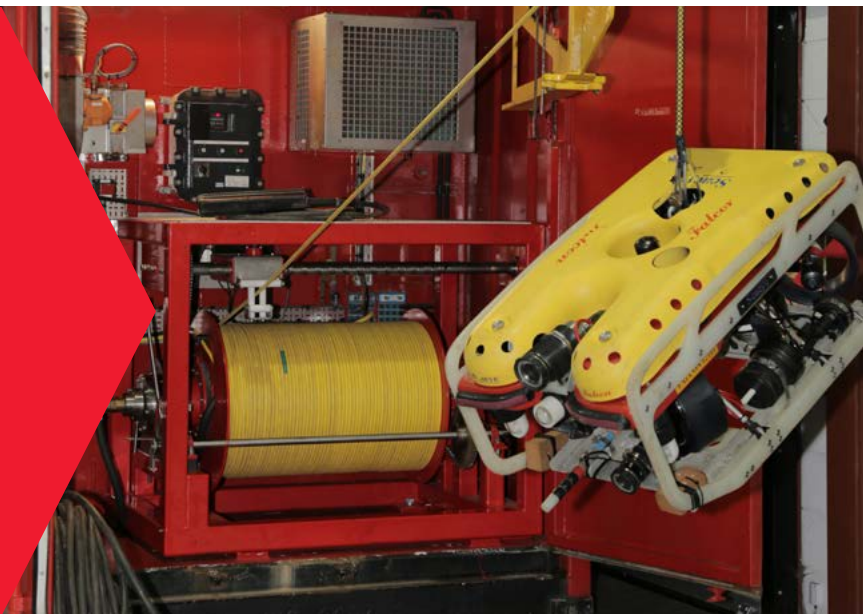


## About

Film-Ocean is an independent subsea contractor providing ROV inspection and intervention services. We specialise in providing innovative, cost effective subsea solutions to the global oil and gas industry and have an extensive track record in performing subsea integrity inspections on floating and fixed structures from the asset or support vessel with a fleet of high specification ROV's.

## Containerised Falcon ROV System



## Product Overview

Film-Ocean's containerised Falcon ROV system can be mobilised quickly and efficiently to allow for cost effective ROV inspection solutions. Requiring only deck space next to a handrail with direct access to sea below and plants services (440VAC and 6-8bar air supply) the system can be operational within hours of being onsite. Featuring an umbilical winch with 1100m capacity complete with level wind, the Falcon ROV can be deployed quickly and efficiently.

The system features a number of fibre optic passes allowing for High Definition cameras and other options such as 100 Mbps Ethernet connectivity allowing for complex ultrasonic tools and multibeam sonars to be utilised in addition to the more common inspection packages.

# Falcon ROV Specification

**Power:** 110-240Vac 50/60hz, 2.8KW nominal

**Vehicle Dimensions:** Length x Width x Height: 1.00m x 0.50m x 0.60m (300m rated) Length x Width x Height: 1.06m x 0.50m x 0.64m (1000m rated)

**Weight:** 60kg (300m rated) 100kg (1000m rated)

## Inspection Packages

- Mechanical Scanning Sonar
- CP (Proximity or Contact)
- UT (Digital Wall Thickness)
- Flooded Member Detection
- Chain Measuring
- Laser Scanning
- Hydraulic manipulators and tooling

## Typical Applications for the system

- Subsea Asset Inspection
- Drill Support

## ROV Performance

- 50 kgf Forward Thrust
- 28 kgf Lateral Thrust
- 13 kgf Vertical Thrust

## System Specifications

- Length 3.64m, Width 2.42m, Height 2.78m
- (A60 Zone 2 DNV rated) with integrated launch and recovery system
- Positioned 1.2m from handrail/bulwark with direct access to the sea below
- Handrail/bulwark must be maximum 1.1m high
- Power requirements: 3 Phase at 440v and 6-8 bar air supply for the fire dampers
- Launch through splash zone: ideally this would be through a moon-pool, or alternatively an area on the side of the vessel in a safe zone away from any thrusters or propellers

