

# ARGUS ROVER

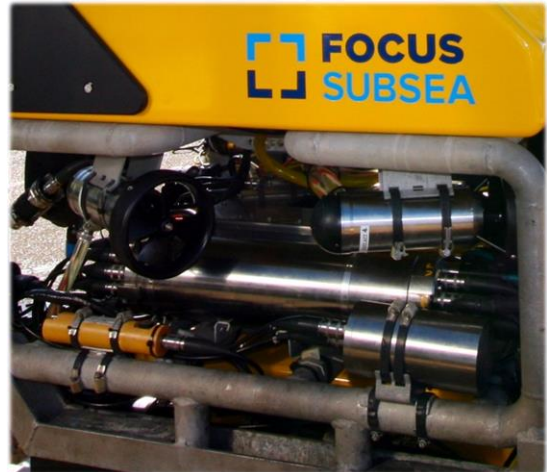
## Observation Class ROV

*The Argus Rover is a field proven, highly versatile Remotely Operated Vehicle (ROV) with the capability to support drilling, survey and Inspection, Maintenance and Repair (IMR) operations to a water depth of 500m*

# ARGUS ROVER

## MAIN APPLICATIONS

- Inspections of fixed & floating offshore structures
- UWILD NDT inspections
- Benthic surveys
- Seabed surveys
- Pipeline and cable inspections - pre-lay, touchdown monitoring, as-laid and as-built
- Diver replacement
- Additional tooling and sensor options include Contact/Proximity & field gradient CP probes, Smartrack pipetracking system, rotary brush, Trittech Super Seaking Sonar.



## General Specifications

Depth Rating (msw):	500
Dimensions (L x W x H - m):	1.1 x 1.0 x 0.77
Weight in air (kg):	255
Payload (kg):	50
Umbilical maximum length (m):	500

## Sensors

Compass:	KVH C-100 Fluxgate +/- 1 deg accuracy
Gyro:	KVH DSP 3000FOG
Depth Sensor:	SAIV TD303 +/- 0.5% FSD accuracy

## Telemetry System

Standard channel types:	1 x RS485 1 x PAL video 1 x RS485 or Pal Video
Subsea power outputs:	48VDC, 24VDC

## Optional Equipment

Hydrolek Gauntlet 5 Function  
Cleaning Brush - soft or wired  
Cutting Tool  
Deck deployed HP Water Jetting  
pH Probe  
CP Contact and Proximity  
Marine Growth Thickness probe

## Performance

Thrusters (horizontal):	4 x 1.0kW vectored
Thruster (vertical):	2 x 1.0kW vectored Optional 7 <sup>th</sup> Thruster
Forward Thrust (kgf):	98
Lateral Thrust (kgf):	65
Vertical Thrust (kgf):	63

## Cameras & Lights

Tilt unit:	1 x 180° electric Saab Seaeye
Camera:	Sony Focus & Zoom Colour
Lighting:	2 x 150W Halogen 2 x 150W HIDs

## Launch & Recovery

Skid mounted HIAB 090AW crane and banana sheave with removable overshot tool.

## Umbilical Winch

Weight (kg):	500
Power (VAC / kW):	240 / 2.5
Slip Rings:	Focal 180, 2 x MM fibre optic pass

# ARGUS ROVER

## System Footprint

### Control Van

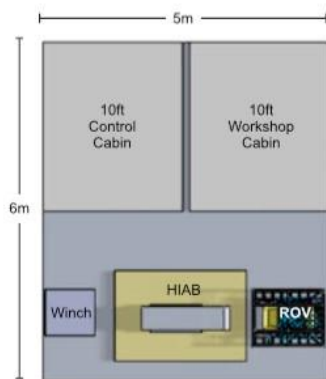
Dimensions (L x W x H - mm): 2,991 x 2,438 x 2,591  
Weight (kg): 3,000  
Power (VAC / amp): 440 / 32  
Facilities: Airconditioned and well lit work station for 2 man crew.

### Workshop

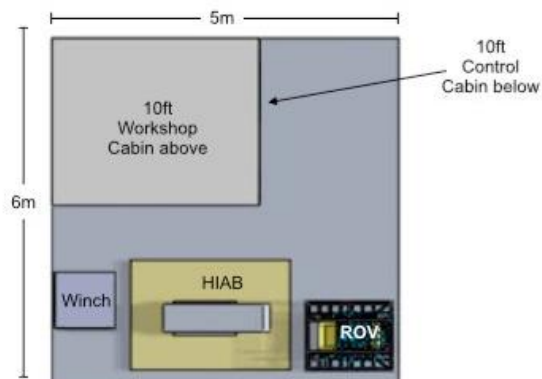
Dimensions (L x W x H - mm): 2,991 x 2,438 x 2,591  
Weight (kg): 2,500  
Power (VAC / amp): 440 / 32 (Containerised)  
240 / 15 (ROV & topside only)

### HIAB LARS

Dimensions (L x W x H - mm): 2,300 x 1,600  
Weight (kg): 2,000  
Power (VAC / amp): 440 / 32



Deck Layout Option 1



Deck Layout Option 2

