



## Argus ROVER 54

### Observation Class ROV

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500msw Rover 54 Inspection ROV

### Specifications

Dimensions	1.1m (L) x 0.8m (W) x 0.9m (H)
Weight	350kg
Depth rating	500msw
Payload	50kg (removable ballast)
Buoyancy	Divinycell HCP50
Deployment	free flying latch
Launch method	HIAB 090

### Performance

Bollard pull	forward	98kg
	lateral	65kg
	vertical	67kg

### Standard Equipment

Manipulators	4 function Gauntlet+
Cameras	Argus focus and zoom colour camera on Sub-Atlantic pan and tilt lowlight black and white camera plus 2 additional cameras
Sonar	Tritech Micron
Altimeter	Tritech PA500
Lights	two 250W halogen two 150W HID lights
Depth sensor	SAIV TD303
Compass	KVH C-100 fluxgate
Gyro	KVH DSP 3000 FOG gyro
Auto functions	auto head, auto depth, optional auto altitude
Survey sensors	optional, multiple configurable inputs, with RS-232 interface

All Argus electronic housings are Titanium Grade 5 with a 6000msw rating

### Power Requirements

ROV power	220 - 440VAC, 8kW, 3 phase
Thrusters	six 1.0kW as 4 vectored and 2 vertical
ROV subsea	990VAC, 8kVA, 3 phase
HPU	1.0kW

### Umbilical

Type	Kevlar armoured, slightly negative
Length	600m
Diameter	10.4mm
SWL	500kgs
Cores	three power 1mm <sup>2</sup> three Twisted Shield Pairs (TSP) four multimode 50um four singlemode

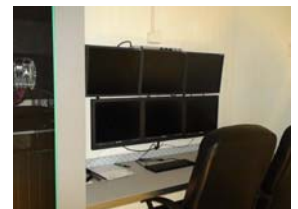
### Umbilical Winch

Winch power	220VAC, 2.5kW, 3-phase
Weight	0.5Te with umbilical
Rating	not zone rated
Sliprings	Focal 180, 2 fibre



### Control/Workshop Container

Control Container	3.25m
Workshop	2.75m
Transformers	8kW to ROV
Insulation testing	LIMS
Control Console	rack mounted video overlay dual DVCR sonar control



Latching mechanism for ease of deployment and recovery

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**Argus Rover System, Comprising**



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