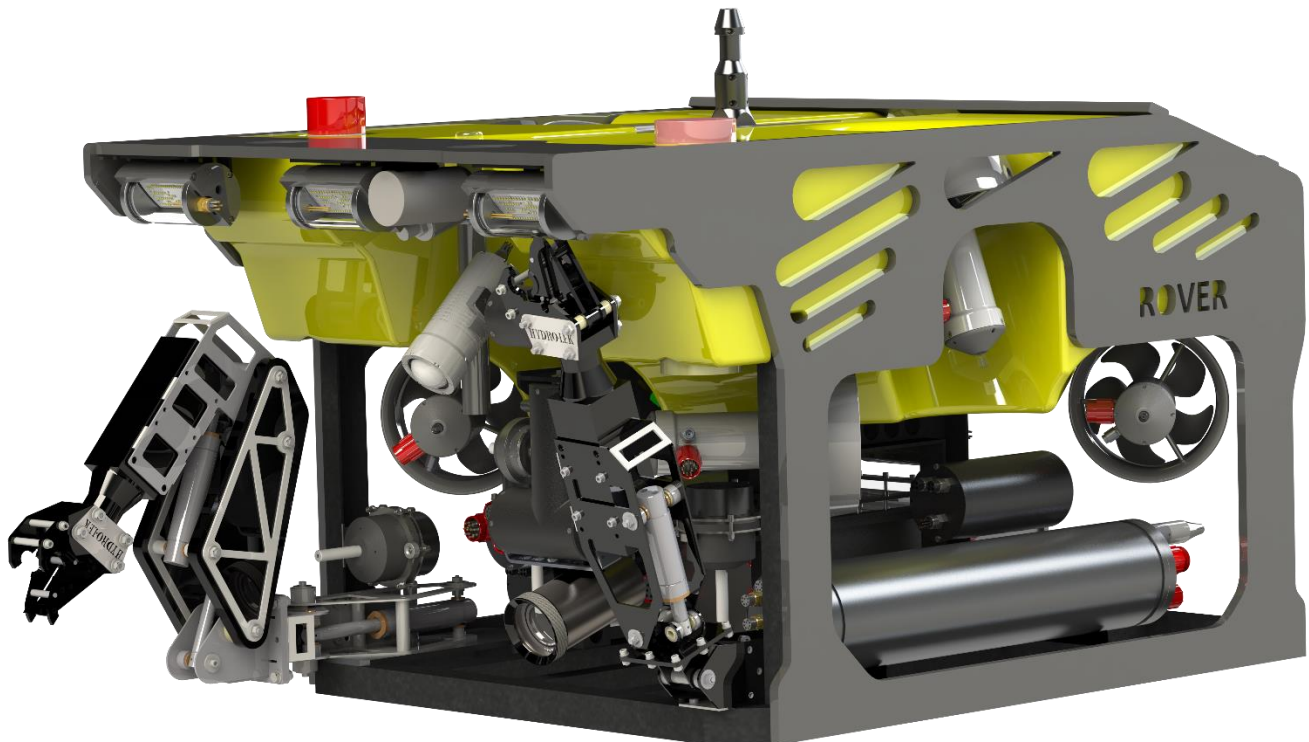


# Argus Rover



- OBS Class ROV. 10kW
- 1000 meter Depth rated
- 4 function Hydro-Lek Manipulator (optional)
- 5 function Hydro-Lek Manipulator (optional)
- For Fishfarming, Scientific, Military, Offshore, Survey

# Argus Rover

## TECHNICAL SPECIFICATIONS

### General

Dimensions:	
Length	: 1.3m
Width	: 0.92m
Height	: 0.75m
Weight	: approx. 350kg
Payload	: 15kg
Frame	: Aluminum/Buoyancy
Pods	: Hard anodised Aluminum
Connectors	: Subconn / Seaconn
Buoyancy	: LD1000
Depth rating	: 1000msw

### Power requirements

ROV Power input	: 230 - 440VAC , 10kW , 3-phase
Thrusters	: 6 x electric, 4 Horizontal and 2 vertical

### Performance

Bollard pull fwd	: 90kg
lat	: 70kg
vert	: 60kg
Speed fwd	: >3kn
vert	: 2kn

### Surface controls

Power distribution panel	: Insulation Guard for Power Safety
Control Console	: Stand alone panel or Pilot chair
	: Surface Control box

### Standard equipment fit

Camera	: 1 x Argus RS 1080i camera 1 x Super wide angle camera
Serial channels	: 6 x RS-232/485 ch, 1 x Ethernet ch
Video channels	: 1 x HD and 2 x SD ch
Pan&Tilt for camera	: 24VDC
Lights	: 2 x Argus 130W LED Lights, gives 23 000 lumen, 5600 Kelvin in total
Depth sensor	: Depth sensor incl. Altimeter, 0.01% FS
Compass	: Fluxgate compass Rate Gyro for auto heading
Auto functions	: Auto Head Auto Depth Auto Altitude
Insulation guard	: Megacon

### Optional equipment

Camera	: Super wide angle, Low light or cam with LED
Sonar	: Tritech, Imagenex, Gemini or Blueview
Manipulator	: Open/Close, 4 function or 5 function
HPU	: 1.5kW, 180bar-0.5lpm
Tools	: Wire cutter, Brush tool, etc..
Video overlay	: Options Video logger
Ergonomic pilot chair	
Latch for launch and recovery	
Umbilical sheave	

### Winch

Winch available up to 1500m tether

ArgusRover

Sheave

Latch

19 inch rack and Control console

Surface transformer

Ergonomic pilot chair

Winch 1500m

# Argus Rover

1000m Depth rated ROV that will be equipped with an Argus HD camera, 1 x Super wide angle camera 2 x Argus 150W LED Lights, 1 x Argus Pan&Tilt with position feedback, 1 x Argus Roll/Pitch sensor, 1 x Fluxgate Compass and a Depth sensor with Altimeter 0.01%FS as standard.

Surface the system will be delivered with a Portable 19 inch rack and a surface transformer that transfer the 230 or 440VAC input up to 990VAC down to the ROV through the umbilical.

The Rack consists of Surface control box with Fiber mux system and surface ROV control system, Megacon Insulation guard system, Surface computer with keyboard and mouse, Videologix Proteus Video overlay, HD video recorder, Video splitter that split the monitor into 4 parts and the Power on/off for the ROV. A Hard-drive can be connected to the computer for video recording.

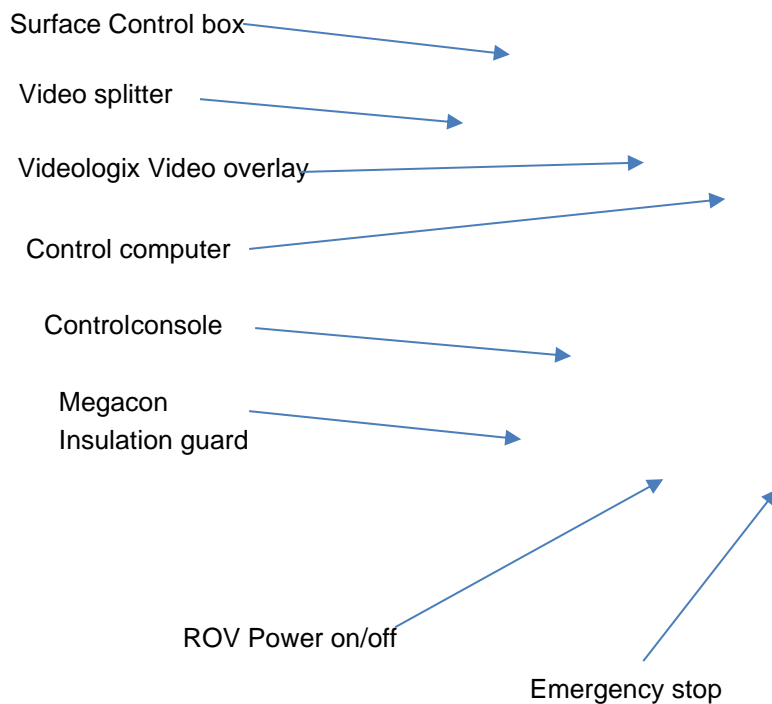
A Control console is connected to the Surface control box.

A 32 inch monitor is connected to the Rack displaying Video camera and ROV GUI.

The Umbilical is supplied with a termination box with fiber connector and power connector so that you can disconnect the Umbilical very easily from the ROV.

The System requires a 32A / 230VAC 3-phase power input. 400 or 440VAC input is also available on request.

Auxiliary equipment like Sonar, manipulator, brush tool and different sensors can be connected to the ROV.



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