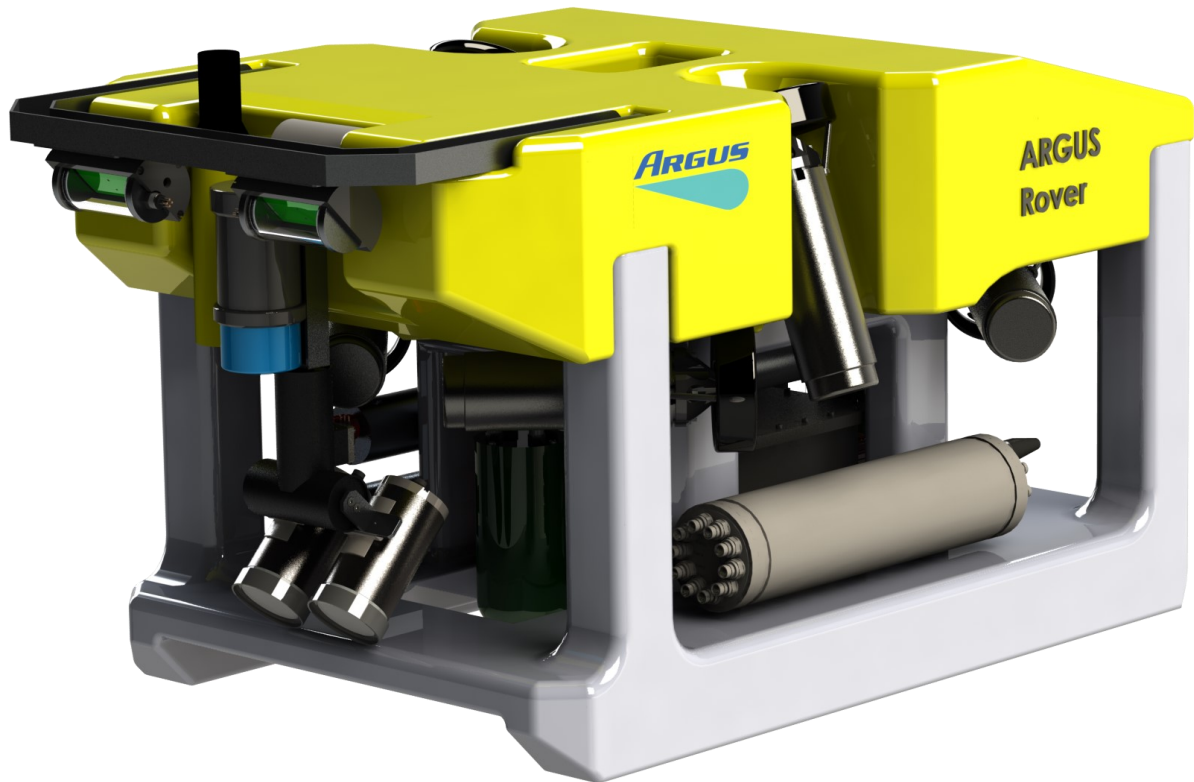


# Argus Rover

## ROV system



- OBS Class ROV. 6kW
- Up to 1500 metres depth rated
- 4 function Hydro-Lek Manipulator
- For Scientific, Military, Offshore

# Argus Rover ROV system

## TECHNICAL SPECIFICATIONS

### General

Dimensions:	
Length	: 1.3m
Width	: 0.8m
Height	: 0.765m
Weight	: 300kg
Payload	: 30kg
Frame	: Buoyancy covered with fiberglass
Pods	: Hard anodised Aluminum
Connectors	: Subconn / Seaconn
Buoyancy	: Syntactic foam
Depth rating	: Up to 1500msw

### Power requirements

ROV/HPU Power input	: 230—440VAC , 6kW , 3-phase
Thrusters	: 6 x electric, 4 Horizontal and 2 vertical
HPU (optional)	: 1,5kW , 210bar-0.71pm

### Performance

Bollard pull fwd	: 43kg
lat	: 43kg
vert	: 28kg
Speed fwd	: 2,5kn
vert	: 2kn

### Surface controls

Control Container	: 10 or 20" feet container
Power distribution panel	: Fitted LIMS for Power safety
Control Console	: Integrated joysticks in pilot chair Integrated touch screen 19" inch rack Argus Video overlay HD Hard Disk Recorder 1 x ergonomic pilot chair 1 x ergonomic co-pilot chair

### Standard equipment fit

Manipulators	: 1x4 function Hydro-Lek (optional)
Cameras	: 1 x F/Z HDTV 1080i camera 1 x Lowlight Black & White camera 1 x Utility cameras
Sonar	: Tritech or Mesotech
Altimeter	: Tritech PA500
Lights	: 4 x Argus 130W LED Lights, gives 60 000 lumen, 6500 Kelvin in total
Pan & Tilt	: ROS 24VDC or equivalent
Depth sensor	: SAIV TD303, equal to digiquartz
Compass	: KVH C-100 Fluxgate Argus Rate Gyro
Auto functions	: Auto Head Auto Depth Auto Altitude
Survey sensors	: 3 x survey outlets fitted for RS-232, Optional Ethernet and MBE channels

### Video recording equipment

HDTV Video system transmitting HD-SDI from the camera to the surface. HD Video overlay and a HD Video Recorder.

### LARS/Winch/TMS

LARS systems for 1500m depth

LARS is available with or without AHC

TMS is available with 600m tether

Free flying systems available up to 1500m depth

