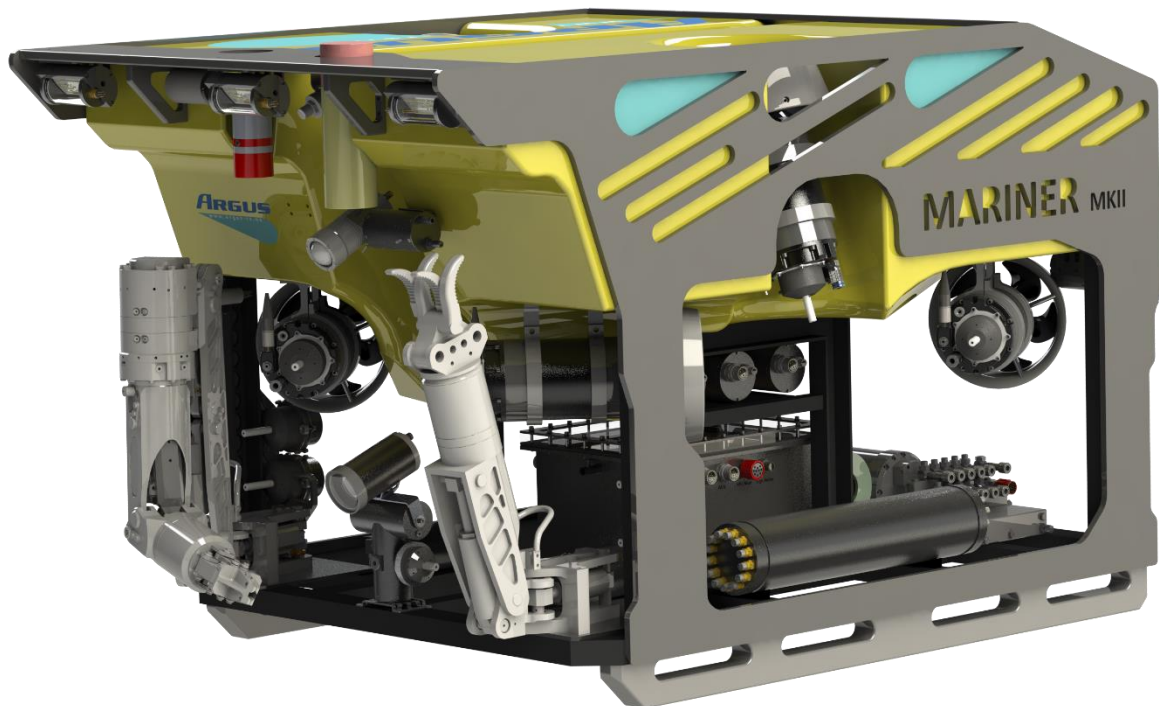


Argus Mariner mkII



Work Class ROV. 75 HP

1000m meters depth rated (optional <6000m)

7 function Schilling Orion Manipulator

4 function Schilling Grabber

Hydro-Lek Manipulators as an option

For Scientific, Military, Offshore

Argus Mariner mkII

TECHNICAL SPECIFICATIONS

General

Dimensions:	
Length	: 2m
Width	: 1,3m
Height	: 1,3m
Weight	: 1200kg
Payload	: 50kg, or customer requirement
Frame	: Aluminum
Electronic pods	: Hard anodised Aluminum
Connectors	: Subconn / Seaconn, ptional SAIV titan
Buoyancy	: Syntactic foam
Depth rating	: 1000msw (Optional <6000msw)

Power requirements

ROV/HPU Power input	: 440VAC , 60kW , 3-phase
Thrusters	: 6 x electric, 4 Horizontal and 2 vertical
HPU Manipulators	: 6kW , 200bar-14lpm

Performance

Bollard pull fwd	: 275kg
lat	: 230kg
vert	: 170kg
Speed fwd	: approx. 3kn
vert	: approx. 1.5kn

Surface controls

Control Container	: 20" feet container (optional)
Power distribution panel	: Fitted Megacon GDI 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 available 1 x ergonomic co-pilot chair available
Workshop Container	: 10 or 20" feet container (optional)

Standard equipment fit

Cameras	: 1 x HDTV 1080i F/Z Colour Camera 1 x Lowlight Black & White camera 2 x Utility camera
Lights	: 4 x Argus 130W LED Lights, gives 46 000 lumen, 4500 Kelvin in total
Pan & Tilt	: 24VDC
Depth sensor	: Valeport VA500 0.01%FS
Altimeter	: Valeport VA500
Compass	: KVH C-100 Fluxgate Rate Gyro
Auto functions	: Auto Head Auto Depth Auto Altitude
Sensor outlets	: 3 x RS-232 and 2 x RS-485

Optional equipment

Sonar	: Blueview, Imagenex, Trittech or Mesotech
Manipulators	: 4 function Schilling 4R 7 function Schilling Orion Hydro-Lek manipulators
HPU Tooling	: 6 - 12kW , 200bar / 14 - 25lpm

Optional Ethernet and MBE channels

Optional LARS/Winch/TMS

LARS systems	LARS is available with AHC as an option
TMS	TMS is available with up to 600m tether
Winch	Winch for free flying operation

