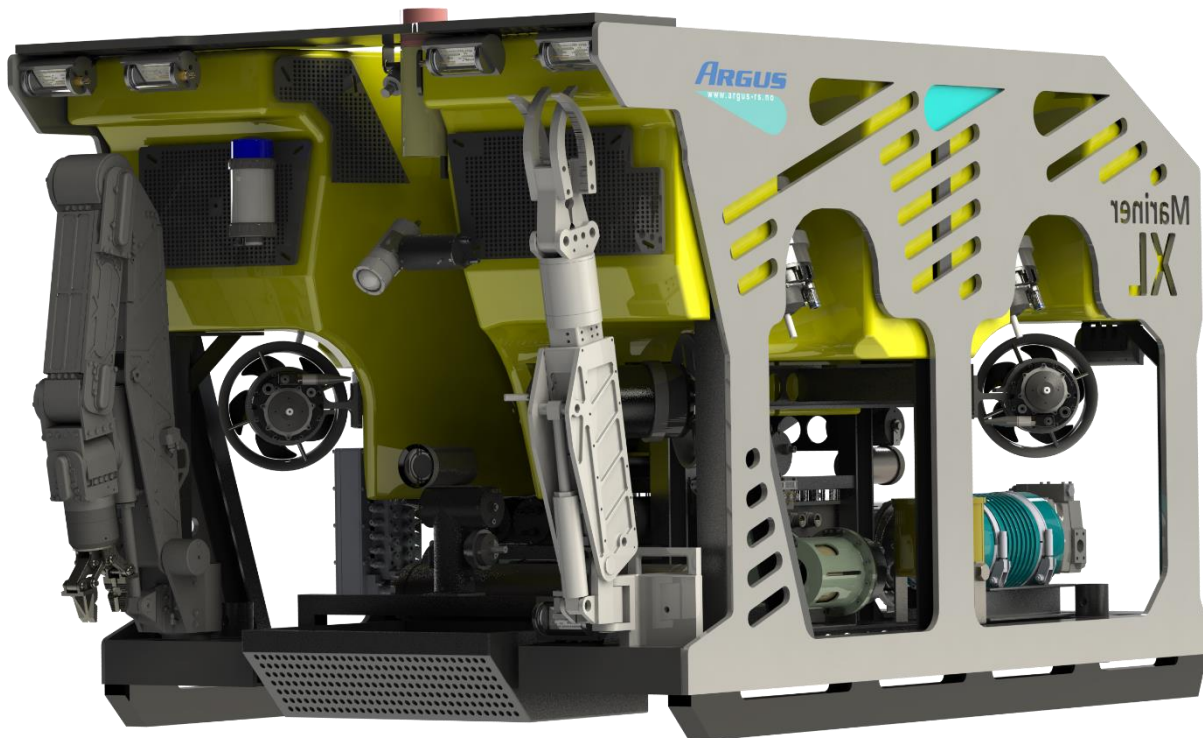


Argus Mariner XL



Work Class ROV. 100 HP

1000m meters depth rated (optional <6000m)

7 function Schilling T4, Orion or Atlas Manipulator

4 or 5 function Schilling Grabber

Hydro-Lek Manipulators as an option

For Scientific, Military, Offshore

Argus Mariner XL



TECHNICAL SPECIFICATIONS

General

Dimensions:	
Length	: 2,1m
Width	: 1,5m
Height	: 1,4m
Weight	: 1800kg
Payload	: 100kg, 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 , 75kW , 3-phase
Thrusters	: 7 x electric, 4 Horizontal and 3 vertical
HPU Manipulators	: 6kW , 200bar-14lpm

Performance

Bollard pull fwd	: 275kg
lat	: 230kg
vert	: 270kg
Speed fwd	: 3kn
vert	: 2kn

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	: 6 x Argus 130W LED Lights, gives 69 000 lumen, 4500 Kelvin in total
Pan & Tilt	: 24VDC
Depth sensor	: Valeport VA500 0.01%FS
Altimeter	: Valeport VA500
Compass	: KVH C-100 Fluxgate FOG 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, Tritech or Mesotech
Manipulators	: 4 function Schilling 4R 5 function Schilling Rigmaster 7 function Schilling Orion 7 function Schilling Atlas
HPU Tooling	: 6 - 18kW , 200bar / 14 - 40lpm

Optional Ethernet and MBE channels

Optional LARS/Winch/TMS

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

