

Argus Mariner



- OBS/Small Work Class ROV. 35 HP
- 1000 meters depth rating, (optional 6000 meters)
- 4 function Schilling or Hydro-Lek Manipulator (optional)
- 5 function Hydro-Lek Manipulator (optional)
- For Scientific, Military, Offshore, Survey

Argus Mariner

TECHNICAL SPECIFICATIONS

General

| | |
|-----------------|------------------------------------|
| Dimensions: | |
| Length | : 1,7m |
| Width | : 1,1m |
| Height | : 1,1m |
| Weight | : 680kg |
| Payload | : 100kg, or customer requirement |
| Frame | : Aluminum/Buoyancy |
| Electronic Pods | : Hard anodized aluminum |
| Connectors | : Subconn / Seaconn |
| Buoyancy | : Syntactic foam |
| Depth rating | : 1000msw (optional < 6000 meters) |

Power requirements

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|-----------------|---|
| ROV Power input | : 440VAC, 18kW , 3-phase |
| Thrusters | : 6 x electric, 4 Horizontal and 2 vertical |

Performance

| | |
|------------------|---------|
| Bollard pull fwd | : 175kg |
| lat | : 135kg |
| vert | : 110kg |
| Speed fwd | : >3kn |
| vert | : 2kn |

Surface controls

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|--------------------------|-------------------------------|
| Surface controls | : Ergonomic pilot chair |
| Power distribution panel | : Fitted GDI for Power safety |
| | : Integrated touch screen |
| | : 19" inch rack |
| | : Argus Video overlay |
| | : Hard Disk Recorder |

Standard equipment fit

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|----------------|---|
| Cameras | : 1 x Focus/zoom colour Camera 1 x Lowlight Black & White camera 1 x Utility camera |
| Lights | : 4 x Argus 130W LED Lights, gives 46 000 lumen, 4500 Kelvin in total |
| Pan & Tilt | : 24VDC |
| Depth sensor | : SAIV TD303, equal to digiquartz |
| Compass | : KVH C-100 Fluxgate |
| Roll/pitch | : Argus Roll/pitch sensor Rate Gyro |
| Auto functions | : Auto Head Auto Depth Auto Altitude (optional) |
| Sensor outlets | : 3 x RS-232 or RS-485 |

Optional equipment

| | |
|------------------|---|
| Camera | : HDTV Camera 1080i |
| Altimeter | : Tritech or Mesotech |
| Sonar | : Tritech or Mesotech |
| Manipulators | : 1x4 function Schilling or Hydro-Lek 1x5 function Hydro-Lek |
| HPU Manipulators | : 1.5kW , 140bar-1.5lpm |

Optional Ethernet and MBE channels

Video recording equipment (optional)

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

LARS / Winch

