



## SPESIFIKASJON ARGUS MARINER 1

Side 1 av 2

### Main dimensions an capacities

Depth Capability: 1000 m (2000 m option)  
Thrust forward/lateral: 90 kg  
Thrust vertical: 60 kg  
Vehicle Dimensions: Height: 120 cm Width: 120 cm Length: 170 cm  
Vehicle weight in air: 900 kg  
Vehicle weight in water: Slightly positive buoyancy

### Operational information

Heading Control: Automatic / manual, fluxgate compass and fiberoptic gyro  
Depth Control: Automatic / manual  
Altitude Control: Automatic 0 to 18 m above bottom level (option)

Pan/Tilt 1 ROS PT 10

Sonar Tritec - King Fisher 675 - 325kHz scanning sonar.

Power Source: Input 220V/380/440V 3 phase, 15-25 kVA depending on configuration and tooling

Control System: Computerized

Control Console: Pilot control panel with multifunction joystick in 19 in. stand alone panel. Allows vehicle operations at a distance from the control console.

Video monitors: Rack mounted in 19 in. Chassis, PAL or NTSC, Video overlay unit with keyboard 19 in. Rack computer with SVGA 19 in. Video recorder/ video switcher/video printer (option).

Power Distribution Unit: contains current meters for vehicle power, voltage meters for input power and all control data

Switching controls. Contains 3 phase 50/60 Hz transformers.

Input power system 220/380/440 VAC.

Payload: 150 kg standard, but can be modified.

Lights : 2 x 250 W dimmable Halogen lights, 2 x HID Gas lights

Propulsion System : 6 x 2 HP, 4 Horizontal in 45 deg., 2 vertical.

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Godkjent: Amundsen Diving A/S



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Side 2 av 2

- Viewing System : 1 High resolution colour camera with 12 x zoom, focus and autofocus.  
3 cameras in total.
- Cable: The umbilical cable is slightly negative buoyant kevlar braided cable containing 3 power conductors, optical fibres and twisted pairs.  
Cable diameter 22 mm .
- Manipulators : 1 x 5 function + 1 x 3 function manipulator.  
Special grip for manipulators.
- HPU: Hydraulic power pack 8 kw , and controlpackage for HPU.
- Sub bottom profiler: To map cables and pipes under bottom level
- Tools ; Drilling machine, tensioning tool, waterjet, grinder  
cutting equipment for wires, cables, anchor chains ie can be operated  
from the vehicle as options.

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