







MARINER C

The Argus Mariner C is a light Work class ROV ideal for survey, aquaculture and inspection. Available depth ratings down to 4000msw.

ARGUS REMOTE SYSTEMS

-  **Power:** 25kW / 35HP
-  **Depth rating:** 1000-4000msw
-  **Dimensions:** 1.8m x 1.2m x 1.2m
-  **Weight in air:** 700kg
-  **Payload:** 50kg
-  **Lift capacity:** 500 kg through frame



Light Work Class ROV

ARGUS REMOTE SYSTEMS AS

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REMOTE
SYSTEMS

MARINER C

The Argus Mariner C is a light Work class ROV ideal for survey, aquaculture and inspection. Available depth ratings down to 4000msw.

Argus offers complete ROV systems for various applications, which includes control, workshop containers, fully electric TMS, and Launch and Recovery System with AHC. The Mariner C ROV is available with AC thrusters.

GENERAL

Power	25kW / 35HP
Depth rating	1000 - 4000msw
Dimensions	1.8m X 1.20m X 1.2m (dependent on depth rating)
Weight	700kg
Payload	50kg
Through frame lift	500kg
Thrusters	4 horizontal and 2 vertical
Manipulators	Schilling Orion or Hydro-Lek manipulators

TOOLING AND MANIPULATOR HPU AND VALVES

HPU for manips	6kW, 9lpm, 160bar
HPU for tooling	NA
Valve Packs	2 x 7F Valvepacks for manipulators
Filters	The hydraulic oil is filtered through pressure filters
Control	The pressure is manually controlled

BOLLARD PULL & SPEED

Bollard pull fwd/aft	175kgf
Bollard pull lateral	135kgf
Bollard pull vertical	110kgf
Speed fwd	3.0kts
Speed lateral	1.5kts
Speed vertical	1.5kts

POWER

Description	A surface transformer converts the vessel voltage up to 990VAC or 3000VAC. The High Voltage Electric system is equipped with a Megacon Line Insulation Guard system
Input	380 / 440 / 690VAC 50/60Hz
Output	On the ROV a transformer converts the high voltage down to 230VAC for thrusters and to the electronic subsea bottles

IMCA & NORSOK CLASSIFICATION

IMCA	II A+B
NORSOK	II A+B

SENSOR, CAMERA AND LIGHTS

Sensor interfaces	Standard communication channels: 3 x RS-232 channels (RS-485 on request) 1 x Gb Ethernet 24 VDC and 230VAC available
Camera interfaces	4 x IP HD Video channels HD-SDI (optional) 4K (optional)
Lights	4 x 130W dimmable LED lights - 11 500 lumens each
Pan & tilt unit	The vehicle is delivered as standard with 1 x Pan & Tilt unit. The unit has position feedback where actual position is displayed on the GUI

TOPSIDE CONTROL

As standard, the ROV system is delivered with a control console equipped with joysticks. Control chairs can be fitted as an option. The video pictures and GUI are displayed on two monitors.

CONTROL SYSTEM & AUTO FUNCTIONS

Control system	The in-house developed Poseidon control system and GUI is the standard control system for all Argus vehicles. The GUI is intuitive, easy to upgrade and allows for remote access, which enables Argus technicians to provide support remotely
Auto Functions	Auto heading, auto depth, auto altitude, DP, WP navigation
Over the Horizon (OTH)	The OTH functionality may be used over a 4G/5G, VSAT, Starlink, or a Kongsberg Maritim Broadband radio link. The high quality video is stored onboard the vessel, where the video signals are streamed to shore for operators use

FULLY ELECTRIC TOP-HAT TMS

The Argus fully electric TMS is built in stainless steel and is delivered with the same depth rating as the ROV. Standard tether length is 400 meters

The TMS control system is fully integrated with the Poseidon ROV control system

CONTAINERS (OPTIONAL)

ROV Control Container	<ul style="list-style-type: none"> 20' DNV 2.7-1 certified container Air conditioned Fully outfitted with control chairs, and monitors The container layout is flexible
ROV Workshop / PDU Container	<ul style="list-style-type: none"> 20' DNV 2.7-1 certified container Air conditioned All power equipment and PDU installed away from crew