







WORKER C

The Argus Worker C is a Compact Work Class ROV Ideal for survey, IMR, light construction and salvage. Available depth ratings down to 4000msw.

ARGUS REMOTE SYSTEMS

-  **Power:** 95-182kW / 130-245HP
-  **Depth rating:** 1000-4000msw
-  **Dimensions:** 2.25m x 1.6m x 1.5m
-  **Weight in air:** 2500-3000kg
-  **Payload:** 150kg
-  **Lift capacity:** 1000 kg through frame



Compact Work Class ROV

ARGUS REMOTE SYSTEMS AS

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www.argus-rs.no



REMOTE
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WORKER C

The Argus Worker C is a Compact Work Class ROV Ideal for survey, IMR, light construction and salvage. 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 Worker C can be delivered with either AC or DC thrusters.

GENERAL

Power	95-182kW / 130-245HP
Depth rating	1000 - 4000msw
Dimensions	2.25m X 1.6 m X 1.5m (dependent on depth rating)
Weight	2500-3000kg
Payload	150kg
Through frame lift	1000kg
Thrusters	4 horizontal and 3 vertical
Manipulators	Schilling Orion or equivalent manipulators

TOOLING AND MANIPULATOR HPU AND VALVES

HPU	18-56kW Dual pump for Tooling and Manipulators
Flow and pressure	40-100 lpm at 180bar and 9 lpm at 160bar
Valve Packs	Customer specific
Filters	The hydraulic oil is filtered through pressure and return filters with CARDEV filter for water contamination
Control	Pressure adjustable through the topside GUI

BOLLARD PULL & SPEED

Bollard pull fwd/aft	AC: 600kgf DC: 900kgf
Bollard pull lateral	AC: 500kgf DC: 750kgf
Bollard pull vertical	AC: 535kgf DC: 850kgf
Speed fwd	AC: 3.0kts DC: 3.5kts
Speed lateral	AC: 2.0kts DC: 2.5kts
Speed vertical	AC: 1.5kts DC: 2.0kts

POWER

Description	A surface transformer converts the vessel voltage up to 3000V. 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 3000V 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: 12 x RS-232 channels (RS-485 on request) 5 x Ethernet channels (more optional) 24 VDC and 230VAC available
Camera interfaces	4 x Composite channels or IP 1 x HD-SDI 4K optional
Lights	8 x 130W dimmable LED lights - 11 500 lumens each
Pan & tilt unit	The vehicle is delivered as standard with 1 x Pan & Tilt unit and one tilt unit. The units have position feedback where actual position is displayed on the GUI

TOPSIDE CONTROL

As standard, the ROV system is delivered with one control chair equipped with joysticks, TMS control, and a touch screen. The option to install two chairs with joysticks on both chairs is also available. The video pictures and GUI are displayed on four 55-inch monitors that can be positioned according to the operators' preferences, providing maximum flexibility and ease of use.

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 and auto altitude as standard Optional DP and 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.
The TMS is available with 400m or 600m of tether.
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' according to 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' according to DNV 2.7-1 certified container Air conditioned All power equipment and PDU installed away from crew

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