

Argos 90 – Drone Carrier

Big Science For Smaller Ships

Licensed P.E.

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Summary

Argos 90 performs deep sea research and supports offshore construction through drones. Designed to carry and deploy drones in air, water surface, and subsea, she enables **massive surveys over a wide region**. Go beyond human limitations and see the bigger picture.

Particulars

Gross tonnage	6113 GT
Length overall	97 m (318 ft)
Beam overall	17.5 m (57.4 ft)
Navigation draft	7.6 m (24.9 ft)
Cruise speed	12 knots

Power / Propulsion

Installed Power	3x 1,498 kW Generators + hybrid battery power 4,4984 kVA total power
Propulsion	4x VOITH eVSP 21
Dynamic positioning	DP2 minimum (DP3 possible)
Cruise speed	12 knots
Range at cruise speed	9000 NM
Heavy weather	Sustained operations SS7 (Beaufort 9) 99.5% uptime

Economics

Recommended day rate	\$45,000 / day
Construction cost	\$80M USD
Net present value	\$164M USD

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Features

Cargo capacity	488 MT Cargo 15 TEU of containers typical 34 TEU of containers max
Sonar	Deep sea multi-beam survey sonar
Boat capacity	6x 12 m RIBS + small boats
Drone capacity	Surface drones Submerged drones Deep sea ROV (onboard) Aerial craft
Aerial tether	Power supply tether for continuous drone flight
Moonpool dimensions	5.0 m x 5.0 m
Main crane	Telescoping crane Max capacity: 89.6 MT (88.2 LT) Max reach: 24.4 m (80.0 ft) Active heave compensation
Bridge cranes	2x Bridge crane – 15 m span Capacity: 50 MT each (49.2 LT)

Deployment

Over the side	Lowered from main crane
Moonpool	Lowered from main crane
Stern	Stern launch ramp Bridge cranes lower from the stern
Aerial	Flight deck Vertical lift to flight deck

Accommodations

Personnel	25 Scientists 20 Crew
Onboard charter facilities	Wet lab: 82 m ² (879 ft ²) Dry lab: 89 m ² (953 ft ²) Drone control center: 72 m ² (774 ft ²) Vessel wide computer network
Auxiliary facilities	Charter office spaces Amphitheater Dedicated scientist lounge
Communications	Global Starlink network