



PROZERO 13.5M ARCTIC WORKBOAT

OFFSHORE

DEFENCE

WORKBOAT





Design:	2024 5000-05-19-09
Length overall, approx.:	13,67 m
Beam overall, approx.:	3,76 m
Draft (full load), approx.:	0,8 m
Capacity:	12 Pax - 3 Crew
Maximum load:	1000 Kg
Engines:	2 x inboard Diesel

BENEFITS:

The 13.5m Arctic Workboat is a versatile and powerful addition to our esteemed ProZero range. This smaller sister design to the 15m Arctic Workboat has now been expertly crafted to meet the same rigorous standards of performance and reliability, ensuring seamless operations in the challenging Arctic environment.

OPERATIONAL FEATURES:

Speed: 31+ kt.
Speed (cruise): 27 kt.
Fuel capacity: 2x750L.

DESCRIPTION:

The boat has been built to meet the requirements from the competent authorities.

HULL, DECK AND SUPERSTRUCTURE:

The boat is made of a combination of glass- and carbon fibre as sandwich construction with PVC as core material. This core material acts as a natural buoyancy reserve material, due to its lightweight and zero water-absorption. Moreover, the sandwich construction avoids the use of internal stiffeners, increasing the usable internal space and offers a natural insulation capability, improving the comfort in the cabin and manned compartments.

FENDER:

The fender is constructed from heavy duty D-Runner profiles. Damage is strictly cosmetic keeping crew safe. Fender system absorbs major impacts and retains integrity and shape.

DECK:

Deck and cabin are self-bailing.
Walkway and wheelchair access system mounted on the aft deck.
6 mooring cleats.
Aluminium railings on the aft and main deck areas.

CABIN & COCKPIT:

The cabin has a wheelchair accessible WC with toilet and washbasin. Easy access from one internally mounted sliding door.
1x pilot & 2x co-pilot seats.
12 passenger seats.
1 Hinged door on the aft side of the deckhouse.
Electric Climate Control system.
Defrosting system for windows with hot air blowers.
All windows are glued into the structure.
LED lights in cabin and cockpit.
Comfort insulation in the cabin.

TECHNICAL:

ENGINES, PROPULSION, STEERING etc.

2 x Volvo Penta D6 - 400
Electronic steering.

TANKS:

Structural diesel tank with hatch and filling protection.
Independent freshwater tank.
Independent black water tank with odourless filter

ELECTRICAL SYSTEM & LIGHTING:

All electrical wiring in marine cable.
Shore power with control lamp, marked fuses, earth connection.
Isolation transformer with earth plate for protection of galvanic corrosion.
24-volt electrical system.
Main switches with separate battery systems for start, navigation, and consumption.
Battery charger with indicator.
1 x searchlight on cabin roof, remotely operated (optional)
Navigation lights.
2 x floodlights on the fore & aft deck.

NAVIGATION & ELECTRONIC EQUIPMENT:

Complete engine instruments supplied by engine manufacturer.
Fuel gauge.
Control panel for all lighting and other electrical equipment.
1 x Magnetic compass.
1x Radar.
1 x Echosounder.

SECURITY EQUIPMENT:

Bilge pumps.
Fire extinguisher at helmsman station.
Automatic fire extinguisher system in engine room.