

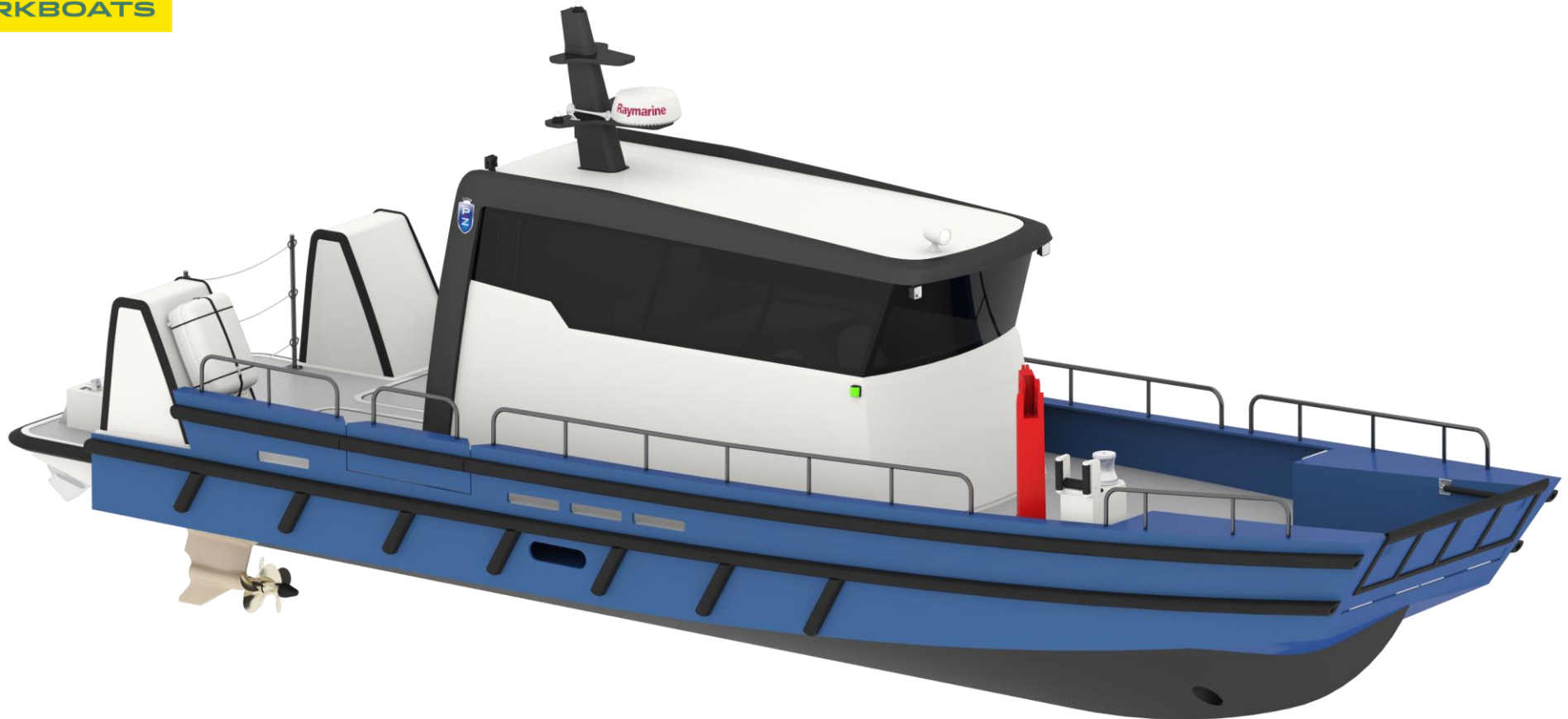


## PROZERO 12M ARCHIPELAGO

OFFSHORE

DEFENCE

WORKBOATS





<b>Design:</b>	2019   5000-05-18
<b>Length overall, approx.:</b>	11,85 m
<b>Beam overall, approx.:</b>	3,53 m
<b>Draft (full load), approx.:</b>	0,73 m
<b>Displacement (full load) approx.:</b>	9.500 kg
<b>Capacity:</b>	2 persons
<b>Maximum load:</b>	1.000 kg
<b>Engines:</b>	2 x inboard diesel

#### BENEFITS:

This 12m Archipelago is designed for crane operations and manoeuvrability. The design of the ProZero cabin ensures a huge amount of daylight, this also improves the personal comfort. The boat is significantly lighter than the market average which benefits fuel consumption and adds to the already proven seaworthiness.

#### OPERATIONAL FEATURES:

Speed: 25-30 kt (with 2 persons).  
 Speed (cruise): 25 kt.  
 Fuel capacity: 2 x 500 l.

#### 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 in EPDM Rubber. The solid construction of the fender ensures the safety of the vessel and its crew. The fender system absorbs impacts and retains integrity and shape.

#### DECK:

Deck and cabin are self-bailing.  
 Large working area in the fore deck.  
 4 mooring bites.  
 Aluminium railings in aft and fore deck.  
 Aft platform  
 Crane on starboard side  
 Winch on starboard side  
 Exterior steering console at the bow  
 Hydraulic bow door

#### CABIN & COCKPIT:

Toilet with WC and washbasin.  
 2 pilot seats.  
 2 Hinged doors in the aft of the cabin.  
 Pantry with sink and refrigerator.  
 Bench with a hinged table mounted on the wall.  
 Hinged hatch leading to sleeping accommodations beneath the cabin.  
 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 IPS

#### TANKS:

Structural diesel tank with hatch and filling protection.  
 Independent fresh water 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, manually operated.  
 Navigational lights.  
 2 x floodlight on the working foredeck.

#### 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.  
 1 x Chart plotter  
 1 x Echosounder

#### SECURITY EQUIPMENT:

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