



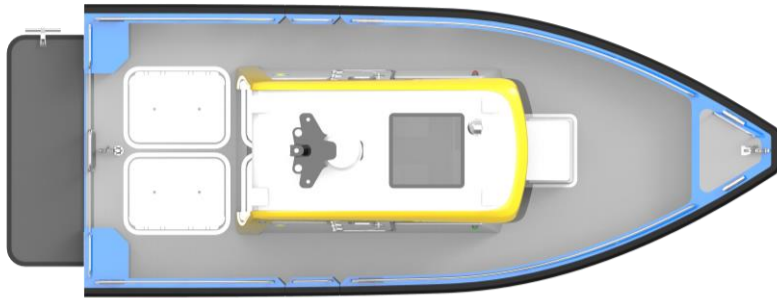
PROZERO 10M PORT WORKBOAT

OFFSHORE

POLICE / MILITARY

WORKBOATS





Design:	2020 5000-05-07-1
Length overall, approx.:	10,0 m
Beam overall, approx.:	3,78 m
Draft (full load), approx.:	0,70 m
Capacity:	5 persons
Maximum load:	1.000 kg
Engines:	2 x inboard diesel
Drives:	Waterjet

BENEFITS:

This vessel has been designed for operations within the harbour, assisting larger vessels docking and line-handling. The unique ProZero system with a flexible attached cabin reducing both noise and vibrations from hull and engines. The design of the ProZero cabin ensure a huge amount of daylight, this also improve 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: 32+ kt (lightweight)
Speed (cruise): 26-28 kt
Fuel capacity: 500L

DESCRIPTION:

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

HULL, DECK AND SUPERSTRUCTURE:

The boat is made of a GRP-composite sandwich construction with PVC as core material. This core material act as a natural buoyancy reserve material, due to its light weight 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.

Metal-reinforced keel in bow-area for better hull-protection & easier maintenance

FENDER:

The fender is disposed all around the hull in a double line with some vertical stripes on the sides for additional protection.

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- and aft deck.
6 mooring cleats.
Aluminium railings around the deck.
Aft platform over the waterjets.
Large through-deck storage-compartment in front of cabin

CABIN & COCKPIT:

Cabin mounted on deck on anti-vibration rubber feet to improve acoustical insulation inside the cabin.
1 x bench for 3 passengers in the aft bulkhead.
2 x pilot seats for the crew.
Sliding door in the starboard side of the cabin.
Windshield wiper.
Defrosting system for windows with hot air blowers
All windows are glued into the structure.
LED lights in cabin and cockpit
Large overhead window for added visibility
Heating system.
Toilet with WC and sink.

TECHNICAL:

ENGINES, PROPULSION, STEERING etc.

2 x inboard diesel engine.
2 x water jet.
1 x electrical bow thruster.

TANKS:

1 x diesel tank with hatch and filling protection.
All fuel systems are pressure tested.
1x 50L freshwater tank
1x 50L Grey & Blackwater tank

ELECTRICAL SYSTEM & LIGHTING:

All electrical wiring in marine cable.
Grounded shore power connection with indicator lamp, marked fuses, and 20 m shore cable.
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, manual operated.
Navigational lights.
2 x floodlight on the working foredeck.
2 x floodlight on the working aft deck.

NAVIGATION & ELECTRONIC EQUIPMENT:

Electric engine controls. Complete engine instruments with RPM, temperature, oil pressure and voltmeter for start batteries supplied by engine manufacturer.
Fuel gauge.
Control panel for all lighting and other electrical equipment.
1 x magnetic compass.

SECURITY EQUIPMENT:

1 x manual bilge pump.
1 x electrical emergency pump in bilge, manual start.
1 x electrical emergency pump in engine room, manual start.
1 x fire extinguisher at helmsman station.