

PRO:ZERO BOATS



Military – Police – Work



PRO:ZERO 7.5m FRB



This boat has been designed to meet the requirements for patrol / SAR and customs service boats.

Benefits by being significantly lighter than market average is lower fuel consumption. Supporting the great and proven sailing capabilities.

The boat has been built to meet the requirements from the MCA MGN 280 for small commercial vessels.

PRO:ZERO 7.5m FRB

Design: 2014 | 5000-01-03

Length overall: 8,20m

Beam overall: 2,96m

Daft (full load): 0,54m

Engines: Double outboard petrol

DIMENSIONS:

Length, Overall: 8,20 m
Length hull: 7,26 m
Beam Overall (with fender): 2,84 m
Beam (without fender): 2,34 m
Draught (lightweight): 0,45 m
Draft (full load, hull): 0,55 m
Freeboard Amidships(full load): 700 mm
Freeboard–Bow (full load): 990 mm
Height above waterline (frame top): 2,03 m
Height keel-console top (transport): 2,35 m
Displacement Light weight aprox. (d=0.45 m): 1.650 kg
Displacement Full load aprox. (d=0.55 m): 2.600 kg
Crew: 2
Capacity : 4 Passengers
Maximum Load: 400 kg

OPERATIONAL FEATURES:

Speed (max): 40 kt
Speed (cruise): 25 kt
Fuel capacity: 360 L

HULL, DECK AND SUPERSTRUCTURE:

The boat is unsinkable.

The boat is made of a combination of glass and carbon fiber 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. The hull has a 100 mm width stainless steel plate over the keel for landing protection.

FENDER: The fender is made from Hypalon and has 5 independent compartments with pressure relief valves.

The fender has attached in its most outwards part a hard rubber strip for additional protection. Moreover, it has an external and an internal lifeline and 6 paddle holders in the topsides.

Fender system absorbs major impacts and retains integrity and shape.

ProZero fender's profile gives substantially more interior room than a comparable RIB.

SECURITY EQUIPMENT:

1 x self righting system with inflatable bag, CO2 bottle and firing system in the transom.
1 x manual bilge pump
2 x life buoys, one of them with buoyant line
1 x SOLAS life raft class B for 6 persons
1 x electrical emergency pump in bilge
3 x fire extinguisher at the steering console
1 x medical First Aid box
6 x lifejackets

DECK:

Deck is self-bailing.

Deck has a non skid finish and 6 lashing points, 2 in the bow and 4 in the aft.

Bow cover for increased weather protection.

Stowage for mooring equipment in the bow area.

Storage space below deck in the front area.

Steering console with windscreen, handrails and wide enough for two persons, with storage space inside.

2 x storage lockers in the aft in both sides of the engines well.

6 x shock absorbing seats of which the 4 placed in the aft are detachable.

2 x stainless steel towing eyes in the transom.

1 x stainless steel towing eye in the bow.

1 x Foldable diving ladder in the transom.

4 x aluminum mooring cleats.

1 x airlead in the bow.

1 x Samson post in the bow.

1 x A-Frame in the aft with a self righting device and an electronics platform.

ENGINES, propulsion, STEERING & MANOUVERING 2 x outboard petrol engines

TANKS: 2 x independent 180 L petrol tanks made in stainless steel.

ELECTRICAL SYSTEM & LIGHTING:

All electrical wiring in marine cable.

Shore power with control lamp, marked fuses, earth connection and 20 m shore cable.

Isolation transformer with earth plate for protection of galvanic corrosion.

12-volt electrical system.

3 x 12-V outlets, 1 on the console and 2 on the A-Frame

Main switches with separate battery systems for start, navigation and consumption.

Battery charger with indicator.

Navigational lights.

2 x floodlight on the aft deck.

2 x searchlights on the A-Frame

1 x blue rotating law enforcement light

NAVIGATION & ELECTRONIC EQUIPMENT:

1 x radar

1 x echo sounder

1 x RayMarine C125 Chart Plotter

1 x GPS – compass HS70

1 x echo sounder BSM1 with a transducer P79

1 x VHF with DSC

1 x handheld VHF

1 x AIS transponder class B

1 x magnetic Compass

1 x loudhailer with Foghorn and siren function

