

PRO:ZERO BOATS



Military – Police – Work



PRO:ZERO 13.0m DCW



A special designed vessel that allows safe and comfortable transfer up to 12 pax. The unique ProZero system with a flexible attached cabin reducing both noise and vibrations from hull and engines.

The design of the ProZero cabin ensures a huge amount of daylight, this also improves the personal comfort.

Benefits from being significantly lighter than market average by having lower fuel consumption.

Supporting the great and proven sailing capabilities.

PRO:ZERO 13.0m DCW

Design:2014 | 5000-03-07

Length overall:12,98m

Beam overall:3,85m

Daft (full load):0,70m

Engines: Double inboard diesel

DIMENSIONS:

Length, Overall: 12,98 m
Length hull: 11,97 m
Beam Overall (with fender): 3,85 m
Beam (without fender): 3,50 m
Draught (lightweight): 0,60 m
Draft (full load, hull): 0,70 m
Freeboard Amidships(full load): 1015 mm
Freeboard –Bow (full load): 1550 mm
Height above waterline (mast top): 4,04 m
Height keel-mast top (transport): 4,79 m
Displacement Light weight aprox. (d=0.60 m): 5.500 kg
Displacement Full load aprox. (d=0.70 m): 7.500 kg
Crew: 2
Passengers: 12
Load: 1200 kg

OPERATIONAL FEATURES:

Speed (max): 35 kt
Speed (cruise): 20 kt

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 act 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 of closed cell polyethylene foam. Not deflating with solid core that cannot lose buoyancy or absorb water. Damage is strictly cosmetic keeping crew safe. Fender system absorbs major impacts and retains integrity and shape. ProZero fender's profile gives substantially more interior room than a comparable RIB.

DECK:

Deck and cabin are self-bailing.
Forward storage for mooring equipment and 4 x mooring bites.
Aluminium railings in aft and fore deck.
Aft platform over the water jets.
Bow ladder to facilitate the transfer between the boat and the pier.
Inspection hatches in the aft deck over the water jets.

SECURITY EQUIPMENT:

1 x manual bilge pump
2 x electrical emergency pump in bilge, manual start, in the bilge and in the engine room
4 x portable fire extinguishers
1 x automatic fire extinguisher system in engine room.
2 x 8 persons SOLAS approved life rafts.

CABIN & COCKPIT:

The cabin is linked to the hull with anti vibration supports that reduce the noise inside the cabin and allows to remove the cabin for main engine overhaul.

2 x suspension seats for the crew.

12 x suspension seats for the passengers.

Hinged doors in the aft and front of the cabin.

Hatch to access the mast.

Windshield wiper with interval relay.

Defreeze system for windows with hot air blowers.

All windows are glued into the structure.

Led lights in cabin and cockpit.

Chart table and lamp with white and red light.

ENGINES, PROPULSION, STEERING & MANOUVERING:

2 x Volvo D6

2 x Castoldi water jets.

TANKS:

1 x structural diesel tank with hatch and filling protection.

1 x fresh water tank

1 x black water tank

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.

24-volt electrical system

240 volt outlets in cabin

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.

4 x floodlight on the forward and 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 10 " Chart plotter

1 x radar

1 x magnetic Compass

1 x GPS

1 x fix VHF

