

PRO:ZERO BOATS



Military – Police – Work



PRO:ZERO 9.0m DC



This daughter craft is designed to meet the requirements of the Police for a patrol boat.

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

PRO:ZERO 9.0m DC

Design: 2014 | 5000-02-03

Length overall: 9m

Beam overall: 2,69m

Daft (full load): 0,55m

Engines: Single inboard diesel

DIMENSIONS:

Length, Overall: 9,00 m
Beam Overall (with fender): 2,69 m
Draft (full load, hull): 0,55 m
Freeboard Amidships(full load): 645 mm
Height above waterline (cabin roof): 2,20 m
Displacement Light weight: 2.500 kg
Displacement Full load: 3.500 kg
Crew: 3
Capacity : 3 Passengers

OPERATIONAL FEATURES: Speed (max): +30 kt | Fuel capacity: 320 l

HULL, DECK AND SUPERSTRUCTURE:

The boat is unsinkable. It is made from a combination of glass- and carbon fiber as sandwich construction with PVC as core material. The core material act as a natural buoyancy reserve, due to its lightweight and zero water absorption. The sandwich construction avoids the use of internal stiffeners, increasing exploitation of internal space while working as insulation, improving comfort in the cabin.

FENDER: The fender is composed of closed cell polyethylene foam. Non-deflating with a solid core that cannot lose buoyancy or absorb water. Damage to the fender is strictly cosmetic keeping crew safe. The fender system absorbs impact protecting the vessel from damaging deformation. The design of the fender allows it to fit on to the docking station of ocean wind mills, enabling safe transfer between mill and vessel.

DECK:

Decks are self-bailing.
Hinged engine room cover with gas struts to assist in opening / closing.
Foldable Mast.
Storage for mooring equipment.
4 x mooring bites.
4 x mooring lines stored in the forward compartment.
1 x anchor.
Watertight Storage in forward compartments.
Deck lights on aft deck.
Aft platform integrated in the transom.

CABIN & COCKPIT:

Cabin fixed through anti-vibration blocks to hull.
3 Seats for crew.
Hinged door in the aft of the cabin.
Sliding doors in both sides of the cabin.
Toilet and Wash facilities.
All windows are glued into the structure.
Windshield wiper with interval relay.
Hot air blowers to demist and defrost the windows.
Forward sliding windows in both sides.
2 x hatches in the cabin roof.
Lights in cockpit with dual mode white / red light.
Chart lamp with white and red light .
Comfort insulation in the cabin, both thermal and acoustical.
Autonomous diesel Heating system.

ENGINES, PROPULSION, STEERING & MANOUVERING:

- 1 x inboard diesel engine
- 1 x sterndrive

TANKS:

- 1 x independent 320 litre diesel tank with hatch and filling protection.
- 1 x 100 l fresh water tank with pressurizing system.
- 1 x 100 l dark water tank with odour filter.

All systems are pressure tested.

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.
- Independent built in drive shaft generator.
- Main switches with 2 separate battery systems for start, and navigation.
- Navigational lights.

NAVIGATION & ELECTRONIC EQUIPMENT:

- 1 x chart plotter with 12 inch screen type Garmin 6000 / 7000 series or similar.
- 1 x Digital radar.
- 1 x class B AIS transponder.
- 1 x echo sounder.
- 1 x radar reflector.
- 1 x magnetic compass
- 1 x fixed master station VHF Sailor 6210
- 1 x handheld VHF Sailor 6210
- 1 x loudhailer with foghorn function
- 2 x law enforcement rotating blue lights
- 2 x 3 m Fiberglas antennas
- 2 x binoculars stored in the cabin

SECURITY EQUIPMENT:

- 1 x manual bilge pump.
- 1 x electrical emergency pump in bilge, manual start.
- 1 x electrical bilge pump in the engine room.
- 1 x fire extinguisher at helmsman station.
- 6 x life jackets.
- 1 x emergency Toolbox.
- 1 x submersible pump.
- 1 x first aid kit.
- 1 x handheld portable loudhailer.
- 1 x alarm + Fire/Smoke detector + Fire fighting system in the engine room compartment.

