

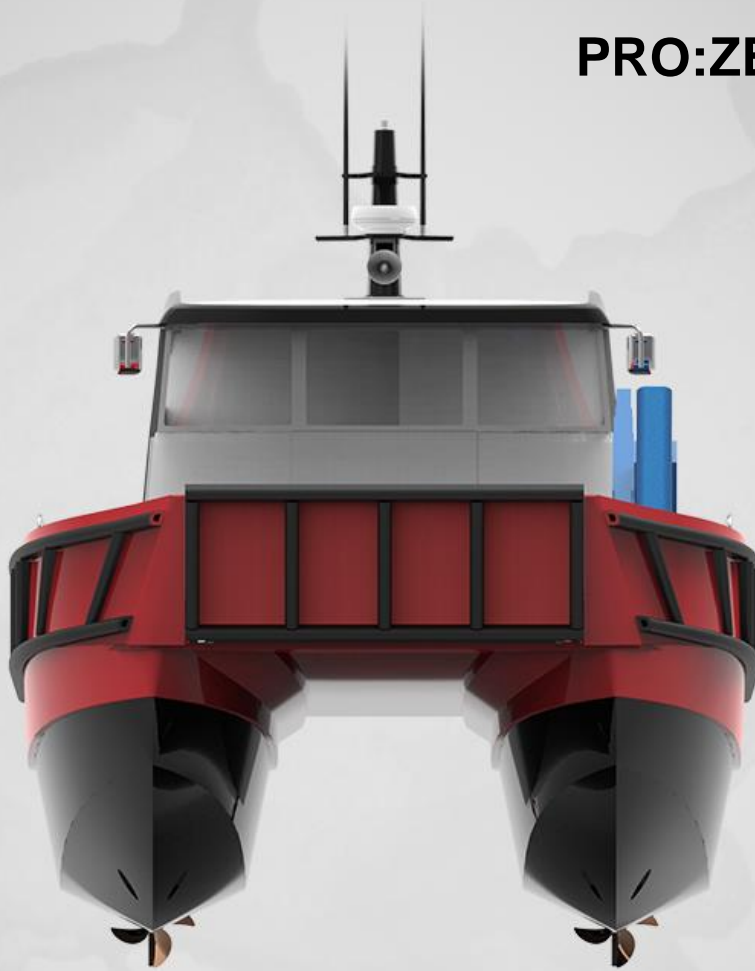
PRO:ZERO BOATS



Military – Police – Work



PRO:ZERO 13.0m WC



This vessel has been designed for multipurpose with a hydraulic wide bow door and a crane for lifting equipment.

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.

Supporting the great and proven sailing capabilities.

PRO:ZERO 10.3m WC

Design:2014 | 5000-06-01

Length overall:13m

Beam overall:5,3m

Daft (full load): -

Engines: Double inboard diesel

DIMENSIONS:

Length, Overall: 13 m
Beam Overall (with fender): 5,3 m
Beam (without fender): 5,0 m
Crew: 4
Capacity: 12 Passengers
Maximum Load: 4.000 kg

OPERATIONAL FEATURES:

Speed (max): 24 kt
Speed (cruise): 20 kt
Fuel capacity: 1400 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 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 from a “D” profile of hard polyurethane rubber disposed in two parallel lines along the hull sides reinforced with vertical lines in between them. The bow door is fitted with a fender all around the edges plus 3 additional vertical lines. The bow fenders are protected additionally by nylon detachable strips.

DECK: Stepped deck with anti skid surface.

1 x foldable bow door with 2,8 m clear opening and hydraulic driving system controlled from the wheelhouse and from a secondary station in the bow.
1 x hydraulic crane with 4,5 ton lifting capacity and 11 m outreach. Deck and cabin are self-bailing.
4 x mooring bites and railings in the aft deck. Aft platform
2 x engine main flush hatches in the fore deck (with a guiding system to facilitate the movement of the engines between the foundations and the installation position below the hatches) and 2 engine service hatches.
2 x hull hinge side doors with 1 m wide clear opening
1 x hull hinge aft door with 1 m wide clear opening

CABIN & COCKPIT:

The cabin is linked to the hull with anti vibration supports that reduce the noise inside the cabin. Sliding doors in both sides of the cabin.
2 x pilot seats with damping and joystick steering system integrated in the armrest.
1 x corner bench with cushions and capacity for 4 persons.
1 x pantry with sink, freezer, stove and microwave.
1 x chart table and foldable mess table. Hatch to access the mast.
1 x toilet with a hinged door and access from the aft deck, fitted with WC and washbasin.
1 x rainwear cabinet with 2 x hinged doors and access from the aft deck. Comfort insulation, air conditioning and heating system.

ENGINES, PROPULSION, STEERING & MANOUVERING:

2 x Volvo D13 engines fitted with heating system, with 2 x Fix pitch propellers and 2 x Rudders with hydraulic steering system.

1 x Diesel Genset of 4,5 kW / 230 V / 50 Hz capacity

2 x hydraulic 8 kW bow thrusters

1 x water pump with 240 l/min 2 bar capacity, with a 5 m length hose and couplings to use as bilge pump

TANKS:

2 x structural 700 l diesel tanks

1 x 100 l fresh water tank, 1 x 50 l black water tank

1 x 30 l hot water thermo

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 with 230-volt outlets in the wheelhouse and engine rooms. Main switches with separate battery systems for start, navigation and consumption. Battery charger with indicator

2 x searchlight on cabin roof, manual operated

Navigational lights. 2 x floodlights on the working bow 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.

2 x Ray Marine E165 chart plotter

1 x radar, 1 x echosound, 1 x AIS class B, 1 x autopilot

1 x magnetic compass, 1 x GPS, 1 x fix VHF with DSC, 1 x foghorn

1 x intercom system between the wheelhouse and a bow station

4 x surveillance TV-cameras in the bow, aft and both engine rooms

SECURITY EQUIPMENT:

2 x electrical emergency pump in bilge, manual start, in the bilge and in the engine room and 1 x manual bilge pump.

2 x high water level alarm in bilge and engine room.

4 x portable fire extinguishers, 2 x Automatic fire extinguisher system in engine room (one in each one).

1 x medical first aid box and 16 x lifejackets.

1 x SOLAS 16 person capacity approved inflatable life raft.

DESCRIPTION: The boat has been built to meet the requirements from the Norwegian Boat Standard for commercial boats below 15 m length.

