

# PRO:ZERO BOATS



Military – Police – Work



# PRO:ZERO 10m DCW RESEARCH BOAT



This vessel is a research workboat with a large aft deck.

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 are lower fuel consumption and lighter lifting equipment on mother vessel.

Supporting the great and proven sailing capabilities

## **PRO:ZERO 10.0m DCW**

Design: 2014 | 5000-03-11

Length overall: 10m

Beam overall: 3,85m

Daft (full load): 0,70m

Engines: Single inboard diesel

## **DIMENSIONS:**

Length, Overall: 10,0 m  
Length hull: 9,3 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  
Height above waterline (lifting frame): 2,40 m  
Displacement Light weight (d=0.62 m): 4.830 kg  
Displacement Full load (d=0.70 m): 6.100 kg  
Crew: 2  
Capacity : 10 Passengers  
Maximum Load: 1200 kg

## **OPERATIONAL FEATURES:**

Fuel capacity: 400 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.

## **FENDER:**

The fender is constructed of closed cell polyethylene foam. Non deflating with a solid core that cannot lose buoyancy or absorb water. Damage is strictly cosmetic, keeping crew safe.

## **DECK:**

Lifting frame with single point lifting hook.  
Removable railings to deploy a sun shade canvas protection in the aft deck.  
Large working area in aft deck.  
Independent flush hatches to access the engine and water jet.  
Bracket for an auxiliary 30 hp engine in the port side of the transom.  
Rotary beam to lift up to 500 kg load from water into the boat.  
Hydraulic winch, with drum capacity for 200 m Ø 12 mm wire an able to lift loads through the boom.  
Railings for security.

## **CABIN, COCKPIT & FORECASTLE:**

Pantry with washbasin and 30l fridge.  
Toilet with WC and washbasin.  
Forecastle with 2 bunk beds of 2000 x 700 mm and able to accommodate 8 seating persons.  
Main access to forecandle through the cabin and emergency exit through roof hatch.  
Windshield wiper with interval relay.  
Comfort insulation in the cabin and forecandle.  
HVAC system in both cabin and forecandle.

## **ENGINES, PROPULSION, STEERING & MANOUVERING:**

- 1 x inboard diesel engine
- 1 x hydraulic pump coupled to the main engine.
- 1 x water jet.
- 1 x independent diesel generator.

## **TANKS:**

- 1 x structural 400 litre diesel tank with hatch and filling protection.
- All fuel systems are pressure tested.
- 1 x 100 litre independent fresh water tank.
- 1 x 100 litre independent dark water tank with odourless filter.

## **ELECTRICAL SYSTEM & LIGHTING:**

- All electrical wiring in marine cable.
- Shore power with control lamp, marked fuses, earth connection and shore cable.
- Isolation transformer with earth plate for protection of galvanic corrosion.
- 12-volt electrical system.
- Main switches with separate battery systems for start, navigation and consumption.
- Battery charger with indicator.
- 2 x searchlight on cabin roof, manual operated.
- 2 x floodlight on the working aft deck
- Navigational lights.

## **NAVIGATION & ELECTRONIC EQUIPMENT:**

- 1 x 14" Chart plotter
- 1 x GPS
- 1 x 1 kw sounder
- 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.
- 1 x fixed VHF radio
- 1 x echo sounder

## **SECURITY EQUIPMENT:**

- 1 x manual bilge pump
- 2 x electrical emergency pump in bilge, manual start, in the bilge and in the engine room
- 1 x fire extinguisher at helmsman station
- 1 x automatic fire extinguisher system in engine room.
- 1 x medical First Aid box
- 12 x lifejackets
- 1 x inflatable life raft – 25pax

