



## PROZERO 11M LOW EMISSION PORT WORKBOAT

OFFSHORE

POLICE / MILITARY

**WORKBOATS**





<b>Design:</b>	2020   5000-05-23-0
<b>Length overall, approx.:</b>	11 m
<b>Beam overall, approx.:</b>	3,7 m
<b>Displacement (light ship), approx.:</b>	8.400 kg
<b>Draft, approx.:</b>	0,68 m
<b>Capacity</b>	6 persons
<b>Loading capability</b>	2.000 kg
<b>Engines:</b>	2 x Inboard electrical engines
<b>Battery pack capacity:</b>	On request

#### OPERATIONAL FEATURES:

Top speed: +25 kts  
 Cruise speed: +22 kts  
 Range depends on engine and propulsion setup.

(Above speeds depend on engine & propulsion setup)

#### DESCRIPTION:

This Vessel is designed for various workboat duties such as towing-, diving- and pushing operations and transfer of passengers and cargo. In addition, the boat is designed to be prepared for electrical propulsion but can be built with different engine & propulsion setup. Furthermore, the boat has been built to meet the requirements from the competent authorities.

#### HULL, DECK AND SUPERSTRUCTURE:

The boat is made of a combination of glass- and carbon fibre 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 in EPDM Rubber. The solid construction of the fender ensures the safety of the vessel and its crew. The fender system absorbs impacts and retains integrity and shape.  
 Other fender solutions

#### DECK:

Handrails to allow safe passage around the vessel.  
 Mooring bites are adjusted to hull length and evenly distributed.  
 Deck is self-bailing and painted with anti-slip.

#### CABIN & COCKPIT:

The design of the ProZero cabin ensure a huge amount of daylight, this also improve the personal comfort.  
 Led lights in cabin and cockpit.  
 Comfort insulation in the cabin.  
 Dampened seats for crew members.  
 Toilet with sink.

#### TECHNICAL:

##### ENGINES, PROPULSION, STEERING etc.

2 x Inboard electrical engines with sterndrive  
 2 x Inboard diesel engines with waterjets (option 1)  
 2 x Inboard diesel engine with sterndrives (option 2)  
 2 x Outboard engines (option 3)  
 2 x Hybrid propulsion setup (option 4)

##### TANKS:

If the boat is equipped with diesel engines, the tanks will be integrated into hull with hatch and filling protection.  
 Independent freshwater tank.  
 Independent black water tank with odourless filter.

##### ELECTRICAL SYSTEM & LIGHTING:

All electrical wiring in marine cable.  
 Shore power with control lamp, marked fuses, earth connection.  
 24-volt DC electrical system. Main switches with separate battery systems for start and consumption.  
 Battery charger with indicator.  
 Navigational lights.

##### NAVIGATION & ELECTRONIC EQUIPMENT:

Complete engine instruments supplied by engine manufacturer. Control panel for all lighting and other electrical equipment.  
 1 x Magnetic compass.

#### SECURITY EQUIPMENT:

Bilge pumps  
 Fire extinguishers  
 Fire extinguisher system in engine room.

#### EXTRA/OPTIONAL EQUIPMENT:

Bow thruster  
 Towing hook  
 Deck crane  
 Capstan(s)  
 Pantry with cooking facilities  
 Steel frames for snatch blocks  
 Lowerable front gate  
 Hinged side gate(s)  
 Diver ladder  
 Dinner table with surrounding benches  
 Cabin shock absorbers for improved comfort  
 Defreeze system for windows with hot air blowers  
 Cabin heater  
 AC Diesel generator  
 Communication and navigational equipment (VHF, chart plotter etc.)