



PROZERO 12M OIL RECOVERY VESSEL

OFFSHORE

POLICE / MILITARY

WORKBOATS





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|---------------------------------|--------------------|
| Design: | 2019 5000-05-14 |
| Length overall, approx.: | 12 m |
| Beam overall, approx.: | 3,7 m |
| Capacity: | 6 persons |
| Engines: | 1 x inboard diesel |

OPERATIONAL FEATURES:

Cruise speed: 17 kts
Range: 12 hours at cruise speed.

BENEFITS:

This Vessel is designed for swift oil recovery operations, both slips in the harbour where manoeuvrability is essential and on large scale operations. 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. Supporting the great and proven sailing capabilities.

DESCRIPTION:

The boat has been built to meet the requirements from the competent authorities and features a controllable pitch propeller

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 fendering is reinforced at the bow to allow for pushing operations. The fender along deck line is made large to increase the safety of the vessel.
The fender system absorbs impacts and retains integrity and shape.

DECK:

Handrails placed around the railing to allow safe passage around the vessel.
6 mooring bites.
A protective brace is added in front of the cabin to ensure safety for crew and vessel.
Two large hatches in transom
A remote release towing hook that matches the bollard pull of the vessel.
2 x hydraulic capstans
Hydraulic connections for additional equipment

CABIN & COCKPIT:

Toilet with WC and washbasin.
A pantry with washbasin inside the cabin.
A bench is placed in the aft of the cabin and 2 pilot seats in the front for helmsman and crew.
1 hinged door in the starboard side of the cabin.
Defreeze system for windows with hot air blowers.
All windows are glued into the structure.
Led lights in cabin and cockpit.
Comfort insulation in the cabin.

TECHNICAL:

ENGINES, PROPULSION, STEERING etc.

1 x inboard diesel engine
1 x CPP (controllable pitched propeller)
Hydraulic bow and stern thruster
A Winch system to drag equipment onto the deck.
2 x 600L Fuel Tank

TANKS:

Structural diesel tank with hatch and filling protection.
Independent fresh water 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.
Isolation transformer with earth plate for protection of galvanic corrosion.
24-volt 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
1 x 12" Multi-function displays
1 x Echo transducer
1 x VHF/AIS

SECURITY EQUIPMENT:

Bilge pumps
Fire extinguisher at doorway into cabin
Automatic fire extinguisher system in engine room.