



PROZERO 12M DC LIGHT DIVING CRAFT

OFFSHORE

POLICE / MILITARY

WORKBOATS





Design:	2017 5000-02-13
Length overall, approx.:	12,15 m
Beam overall, approx.:	2,87 m
Draft (full load):	0,66 m
Capacity:	12 persons
Crew	2 persons
Engines:	Twin inboard diesel

BENEFITS:

This daughter craft is designed for diving support operations and fast transfer of up to 12 passengers or 1000 kg cargo.
The design of the ProZero cabin ensures a huge amount of daylight, this also improves the personal comfort.

OPERATIONAL FEATURES:

Speed: + 23 kt.
Cargo capacity: 1000 kg.
Fuel capacity: 500 l.

DESCRIPTION:

The boat has been built to meet the requirements from MCA for workboats operating in areas up category 2 (60nm from shore).

HULL, DECK AND SUPERSTRUCTURE:

It is made from a combination of glass- and carbon fibre as sandwich construction with PVC as core material. The core material acts 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.

ENGINES, PROPULSION, STEERING etc.:

2 x inboard diesel engines.
2 x waterjets.
1 x 4 kVA diesel genset.

DECK:

Deck is self-bailing.
Storage for mooring equipment.
4 x mooring cleats.
Floodlights on deck.
Aft platform integrated in the transom.
Foldable diving ladder in the transom.
A-frame.
Black anodized aluminium railings.

CABIN & FORECASTLE:

Locker for storage of diving hoses on the aft of the cabin and with access from deck.
2 Comfort seats for crew.
Foldable bench for 6 passengers in the cabin.
Coach for 6 passengers in the forecastle.
Hinged door in the aft of the cabin.
Hatch in the forecastle for foredeck access and emergency exit.
All windows are glued into the structure.
Windshield wiper with interval relay.
Hot air blowers to demist and defrost the windows.

TECHNICAL:

TANKS:

2 x structural 250 litre diesel tanks with hatch and filling protection.
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.
Insulation transformer with earth plate for protection of galvanic corrosion.
24-volt electrical system.
Main switches with 2 separate battery systems for start, and navigation.
Navigational lights.

NAVIGATION & ELECTRONIC EQUIPMENT:

Navigation equipment required by regulations.

SECURITY EQUIPMENT:

1 x manual bilge pump.
2 x electrical bilge pumps.
1 x fire extinguisher at helmsman station.
1 x alarm + Fire/Smoke detector + Fire fighting system in the engine room compartment.
Life saving equipment according to regulations.

DIVING EQUIPMENT:

3 x 50 l air bottles.
1 x dive panel.
3 x 50 m diving hoses + 3 x diving masks.