



PROZERO 8M FULL CABIN SURVEY DAUGHTER CRAFT

OFFSHORE

POLICE / MILITARY

WORKBOATS





Design:	2019 5000-02-21-4
Length overall, approx.:	8,65 m
Beam overall, approx.:	2,87 m
Displacement (lightship) approx.:	3.850 kg
Draft, approx.	0,6 m
Crew:	2 persons
Capacity, incl. crew:	4 persons
Engines:	2 x Inboard diesel

DESCRIPTION:

The boat is specially designed for survey operations and workboat duties. The boat is significantly lighter than the market average which benefits fuel consumption and adds to the already proven seaworthiness. Furthermore, the boat has been built to meet the requirements from the competent authorities.

OPERATIONAL FEATURES:

Top speed, approx.: +25 kts.
Cruise speed +22 kts.

Speed and range depend on engine & propulsion setup

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 acts 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 of closed cell polyethylene foam. Not deflating with solid core that cannot lose buoyancy or absorb water. Damage is strictly cosmetic keeping crew safe. Fender system absorbs major impacts and retains integrity and shape.

DECK:

Deck and cabin are self-bailing. In addition, the deck is painted with anti-slip.
Metallic mooring bollards.
Modular and easy detachable aluminium railings.
Lashing points on aft deck for equipment.
Aluminium frame on the aft with strong points for towing and equipment attachment.

CABIN & COCKPIT:

The design of the ProZero cabin ensures a huge amount of daylight, this also improves the personal comfort.
Hinged door in the aft of the cabin.
Windshield wiper.
LED lights in cabin and cockpit.
Dedicated seats for crew.
Bench for two passengers.

TECHNICAL:

ENGINES, PROPULSION, STEERING etc.:

- 1 or 2 x Volvo Penta D3 inboard diesel
- 1 or 2 x Alamarin 245 waterjets
- 1 or 2 x Sterndrive (option 1)
- 1 or 2 x Outboard engines (option 2)

Other engine & propulsion setups on request.

TANKS:

Structural diesel tank with hatch and filling protection.
If the boat is fitted with a toilet, then the boat will be equipped with:
An independent freshwater tank.
An 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 and shore cable.
12-volt DC system electrical system. Main switches with separate battery systems for start, navigation and consumption.
Battery charger with indicator.
Navigational lights.

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.
1 x Magnetic Compass.

SECURITY EQUIPMENT:

Bilge pumps
Portable fire extinguishers.

EXTRA/OPTIONAL EQUIPMENT:

Lifting hook
Bow thruster
Diver platform
Diver ladder
Toilet with sink
AC Diesel generator
Cabin heater
Defreeze system for windows with hot air blowers
Sonar equipment(s)
Recess for sonar equipment(s)
Protection bar on the transom for protection of outboard engines
Communication and navigational equipment (VHF, chart plotter etc.)
Engine heater
Hydrotab interceptor(s)
Search light
Air suspended seats
Wear plate installed on hullside