PROZERO 8 M RIVERINE S VESSEL

OFFSHORE

DEFENCE

WORKBOAT

Design:	**2024 | 5000-01-36-11**
Length overall, approx.:	**8.0 m**
Beam overall, approx.:	**2.0 m**
Draft (full load), approx.:	**0,60 m**
Capacity:	**7 Pax - 6/1 Crew**
Maximum load:	**1000 Kg**
Engines:	**1 x inboard Diesel**

BENEFITS:
Introducing the ProZero Riverine Operations Mission Master: a cutting-edge 8-meter vessel designed for military riverine operations, ensuring comfortable and safe operations. Built for versatility, it manoeuvres effectively in harsh conditions, obtaining a superb stability and balance in all situations thanks to its hull geometry. The propulsion system is designed to navigate rivers in adverse conditions when encountering branches, reeds, trees and other natural elements. The used materials are state of art like reinforced glass and carbon fibre. The vessel can achieve speeds up to 30+ knots. The Mission Master ensures its durability with a heavy-duty fendering system, making it a reliable asset for diverse military tasks in hostile environments. Mobility on the deck is ensured thanks to a distribution of the elements aligned on the longitudinal axis.

OPERATIONAL FEATURES:
Speed: 30+ kt.
Speed (cruise): 25 kt.
Fuel capacity: 1 x 248 litres.

DESCRIPTION:
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 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.

FENDER:
The fender is constructed from heavy duty D-Runner profiles. Damage is strictly cosmetic keeping crew safe. Fender system absorbs major impacts and retains integrity and shape.

DECK:
The deck is self-bailing.
It is equipped with a central bench that allows to transport comfortably and safely 6 operators.
The helm has a jockey seat with a compact console that contains the displays to control the technical equipment.
A windscreen is available to prevent unnecessary splashing at high speeds.

TECHNICAL:

ENGINES, PROPULSION, STEERING.
1x 6 cylinder turbocharged Diesel engine coupled to a ZF 68 e-shift gearbox.
1x Swamp Drive.

TANKS:
Independent tank with hatch access and filling protection. Total capacity of 248 lts.

ELECTRICAL SYSTEM & LIGHTING:
All electrical wiring in marine cable.
Shore power with control lamp, marked fuses, earth connection.
24-volt electrical system.
Navigation lights.

NAVIGATION & ELECTRONIC EQUIPMENT:
Complete engine instruments supplied by engine manufacturer.
Fuel gauge / Battery charge gauge.

SECURITY EQUIPMENT:
Bilge pumps.
Portable foam fire extinguisher.
Automatic fire extinguisher system in engine room.