

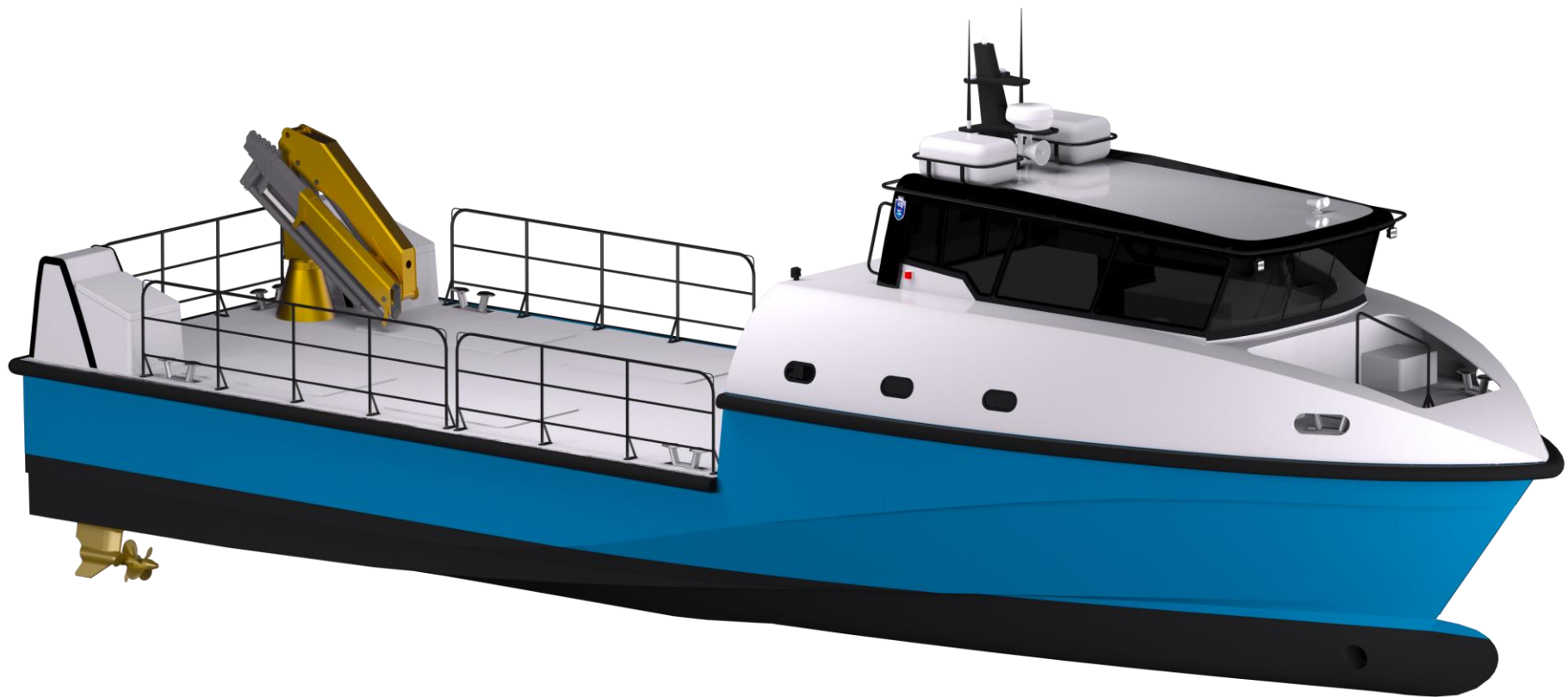


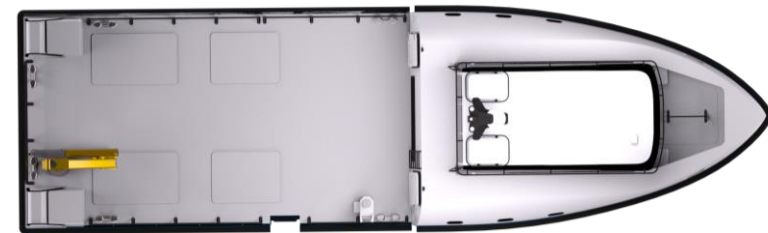
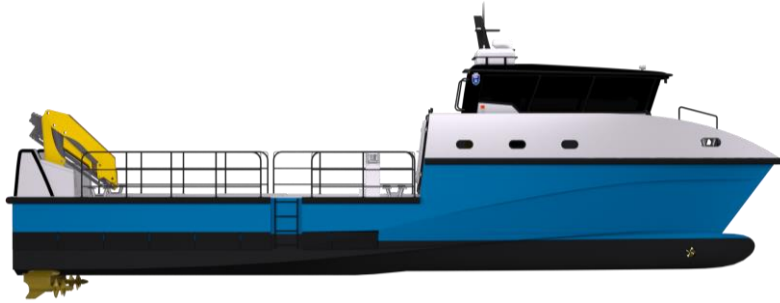
PROZERO 18M ASV - WORKBOAT

OFFSHORE

POLICE / MILITARY

WORKBOATS





Design:	Rev. 27-03-17 5000-07-13
Length overall, approx.:	17,70 m
Beam overall, approx.:	5,27 m
Draft (full load), approx.:	1,31 m
Capacity:	4 persons
Engines:	2 x inboard diesel
Speed:	30 kts

BENEFITS:

This catamaran is developed for fish farm service. The design of the ProZero cabin ensure a huge amount of daylight, this also improve the personal comfort.

OPERATIONAL FEATURES:

Speed (max): 30 kt
 Speed (cruise): 20 kt
 Fuel capacity: 5.000 l

DESCRIPTION:

The boat has been built to meet the requirements from the competent authorities, and features a redundant propulsion and redundant hydraulic system.

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 built from a hard rubber D profile fender forming a double line in boat's sides and transom. There is also a single line in the bow.

Additionally, there is on the starboard side a fender underwater to protect the hull when working on the farm rings.

DECK:

Deck and cabin are self-bailing.
 Large working aft deck.
 Wet forecabin for main deck weather protection.
 1 x 5 Tm Hydraulic knuckle crane
 1 x 1 Tonnes Hydraulic capstans in starboard side.
 1 x Door openings with ladder to waterline in sb side.
 8 mooring cleats.
 Black anodized aluminium railings.

CABIN & SUPERSTRUCTURE

2 x Cabins with a single bunk each.
 1 x Toilet with WC and washbasin.
 1 x Changing room
 Pantry with sink, fridge and microwave in the cabin.
 1 Mess are for 4 persons in the cabin.
 2 x pilot comfort seats
 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.

2 x Inboard diesel engines for propulsion
 1 x Auxiliary diesel engine for both fan and high pressure cleaning pump
 2 x IPS drives
 1 x Hydraulic bow thruster
 1 x Hydraulic pump coupled to auxiliary engine
 1 x Hydraulic pump coupled to sb engine.
 1 x Flushing pump coupled to one ps engine.

TANKS:

Structural diesel tanks with 5.000 l capacity.
 1 x 500l fresh water tank for consumption.
 1 x 100 l dark water tank with odourless filter.
 1 x 20l hot water thermos.
 1 x hydraulic tank

ELECTRICAL SYSTEM & LIGHTING:

All electrical wiring in marine cable. power with control lamp, marked fuses, earth connection.
 Isolation transformer with earth plate for protection of galvanic corrosion.
 24V DC, 240V 2-phase and 400V 3-phase AC electrical system.
 Main switches with separate battery systems for start, navigation and consumption.
 Battery charger with indicator.
 1 x searchlight on cabin roof, manual operated.
 Navigational lights.
 Multiple floodlights on the working deck and sides.

NAVIGATION & ELECTRONIC EQUIPMENT:

Complete engine instruments supplied by engine manufacturer.
 Control panel for all lighting and other el. equipment.
 1 x fixed VHF
 1 x magnetic compass

SECURITY EQUIPMENT:

Bilge pumps
 Automatic fire extinguisher system in engine rooms.