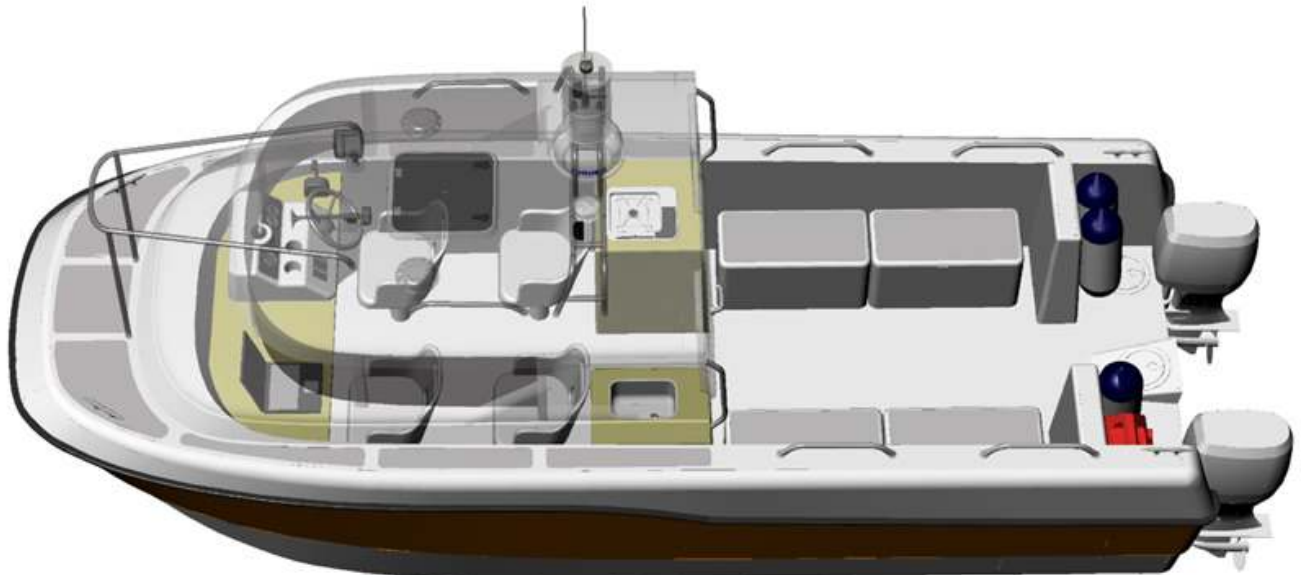
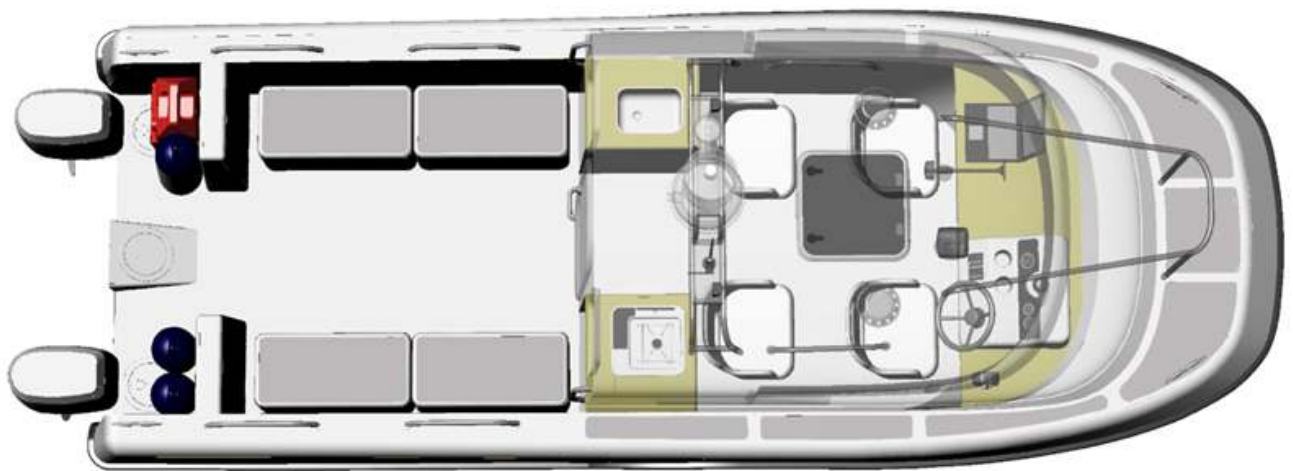




**STM 6400 SeaWorker**  
Fast Multipurpose Motor Boat



**INTENDED USE**

The vessel is intended for multi-purpose use (as a pleasure, pilot, hydrographic, fishing, diving boat, etc.)

The boat can be used in coastal waters and in large lakes as far from ports as 20 miles.

## SPECIFICATION

Length	6400 mm
(***available extended hull with length 7000 mm)	
Width	2500 mm
Berth hull draft	400 mm
Dry weight without engine	1300 kg
Full draft	2500 kg
Service load max.	2500 kg
EC Class	C
Seating capacity	7 persons
Free-board height	1.2 m
Fuel tank	200 lt
Water tank	60 lt
Propulsion unit (var.1)	2 x 115
Propulsion unit (var.2)	2 x 135
Propulsion unit (var.3)	1 x 225 (300)
Propulsion unit (var.4)	2 x jet 160

## DESIGN AND GENERAL LAYOUT

The boat is a catamaran. The two hulls of this catamaran have two-bilged contours, are flat-keeled, with longitudinal steps. The boat dimensions allow its trailer-towing.

The vessel features glassed cabin providing good visibility and capacious enough for 4 persons. The boat control panel and the 4 seats are located here.

The vessel has an extensive free board-to-board cockpit about 2 meters long. It contains lockers for moorings, anchors and other equipment storage, and more seats for 3 passengers.

The stern platform allows an easy access to the engine, comfortable embarkation / disembarkation, and diving.

## PROPULSION UNIT

The maximum speed with minimum load is about 30-35 knots, 20-25 knots under full load.

Outboard motor(s) or a water-jet propeller can be used on this boat as the main propulsion unit.

With a water-jet propeller mounted, STM 6400 SeaWorker has a very small draft without losing its perfect seaworthy qualities that allow to use STM 6400 SeaWorker in difficult conditions, in rough seas, shallow waters over complicated sea-bottom relief – on shoals, in tidal zones, large rivers estuaries and narrows.

Four types of power units can be used on the boat depending on the vessel's usage (three types for outboard motors, one – for a fixed engine):

- 1) two engines 115 h.p. each;
- 2) two engines 135 h.p. each;
- 3) one 225 h.p. engine;
- 4) two Alamarin Jet 160 water-jet propellers with Steyr diesel engines.

Upon customer's request the STM 6400 SeaWorker boat can be equipped with stationary diesel engines with swing-out frames.

## EQUIPMENT

The base model is fitted with the minimum equipment set sufficient for navigation.

Additional equipment can be mounted upon the owner's request:

- demister portholes, rotating portholes or portholes with wipers
- galley, latrine and other facilities
- safe 12V/24V DC /230/380 AC marine power system
- forward looking sonar for fish detection (90 - 150 degrees beam dead ahead)
- vertical echo sounders (for search and navigation)
- satellite navigation system (chartplotter, ENCs)
- radar (open or under cover)
- integral computer navigation system (using special super-protected computers suitable for use at seas)
- AIS, VHF with DSC equipment
- siren with signal horn
- engine and fuel consumption monitoring system
- navigation lights, searchlight
- compass, other traditional means of navigation
- underwater camera
- underwater robot video camera
- towed echo sounder for bottom relief examination
- fire extinguishing system
- board capstan, deck windlasses (hydraulic or electric)
- hydraulic hoist (1– 5t depending on the boat permitted load)
- diesel-generator set and diesel- hydraulic pumps
- onboard freezers for fish
- tables for onboard fish processing
- overboard and stern platforms, accommodation ladder, etc.
- additional boxes, chests, shelves for fishing equipment
- overboard outriggers and other equipment for deep-water trolling
- anchor winch and anchor devices
- reinforced fender guard, steel skids on the keels (reduce wear from frequent beaching)
- drainage pumps
- firefighting pumps and hydrojet guns
- AlamarinJet or CastoldiJet water-jet propeller
- Full set of rescue equipment
- Emergency Position Indicating Radio Beacon (EPIRB)
- Water cleaning equipment
- oil-spill remover