

STEM12 Fire / Rescue

Multi-functional cabin boat for rescue patrol and firefighting



Technical specifications

Design category	B - (A)
Hull length	11.99 m
Length overall	12.65 m *
Width overall	3.70 m
Empty displacement	9800 kg *
Payload (people included)	1800 kg *
Fuel tank	2x500 l inox

* Variable data depending on configuration

General features

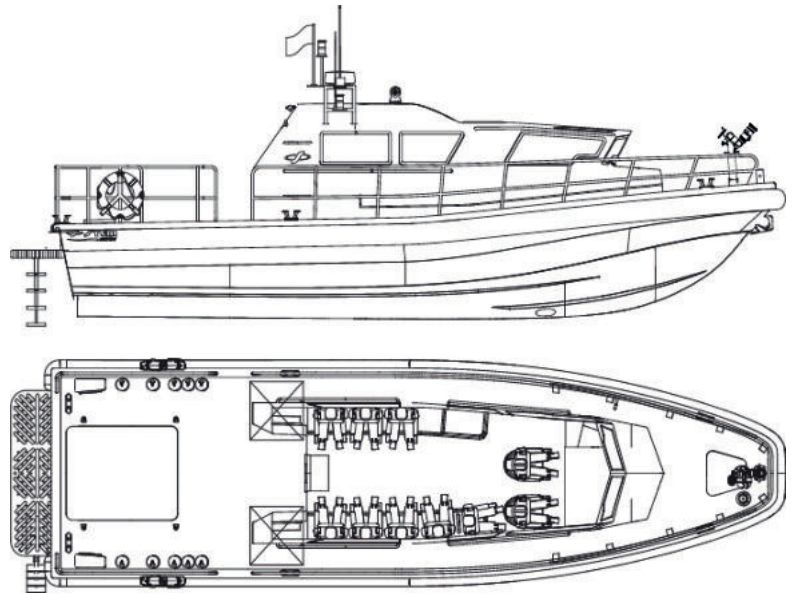
- Hull and deck in GRP with vinylester resin and Kevlar layers, moulded with vacuum infusion system.
- Short or long cabin in GRP.
- D shaped fender made of energy absorbing polyethylene foam encapsulated within a resilient polyurethane elastomer.
- Custom configurations on demand.
- Cabinets and storage for equipment.
- Air conditioning for cabin.
- Self-draining deck.



Engine

- In-board Turbo Diesel engine – recommended power 2x450 hp (Max 2x600 hp) – with waterjet propulsion, suitable for emergency operations in shallow waters and high maneuverability in narrow spaces.
- Marine Diesel engines with sterndrive or IPS – recommended power 2x400 hp (Max 2x600 hp) for high performances.
- Outboard engines 3x300 hp.

Wide range of **optional accessories** available on demand



Standard equipment

- Hydraulic steering.
- Double bilever commands for engines and waterjets.
- Work bollard on the bow.
- 4 Hoisting rings.
- 6 Mooring cleats.
- 2 Towing hooks at stern and 1 at bow.
- Stainless steel handrails on the perimeter.
- Navigations lights and mooring light.
- Blue flashing light.
- Siren and loudspeaker with sound selection (emergency, police...).
- Stern platform in stainless steel equipped with a dive ladder also in stainless steel.
- Loading ramp in stainless steel integrated under the rear platform for basket type stretchers.
- Courtesy light for deck on stern.
- Heating/cooling system for the cabin.
- Cabin insulating coating.
- Rear access door weather proof type.
- Windows in tempered glass with windshield.
- Basic cabinets and storage for equipment.
- Bench for crew's sitting places.
- WC room with fresh water tank.
- Pilot console with hatches for access to electrical connections.
- Shock absorbing seats for pilot and co-pilot.
- Magnetic compass.
- Radio VHF.
- Radar + GPS chart plotter.
- Echo sounder.
- Electronic battery charger with socket for shore power.
- 4 Electric bilge pumps with control panel with acoustic and visual alarm.
- Mooring line with electric windlass.
- Marine diesel generator suitable for the fitting.
- Firefighting pump system with capacity up to 4800l/min – 10 bar, monitor in bronze with foam nozzle.