



15 m. FAST ATTACK & SAR BOAT

DG-15M/20T MINI Class COAST GUARD & SAR BOAT

Purpose / Description:

This boat has been designed for the requirements of Naval Forces or Coast Guard for the purpose of regular patrol facility, intercepting anti-symmetrical threat and search & rescue facilities in territories of the coastal area. This highly maneuverable and seaworthy boat enables its users to carry out this operations at high speeds within shallow waters / under up to sea state-8 (beaufort-9) rough sea conditions. Alternative models can be available for SAR, POLICE, COAST GUARD, PILOT, FI-FI, FISHERY PATROL, CUSTOM and NAVY purposes.

Specifications:

Length (moulded & LOA)	: 15.30 mts
Length (water level)	: 12.70 mts
Beam (moulded & OA)	: 4.10 / 4.70 mts
Depth (moulded)	: 1.90 / 2.70 mts
Draft (moulded & extreme)	: 0,85 mts
Displacement (fully laden)	: 20.00 t

Classification Society and certificates :

BV- HSC (High-Speed craft)
I+HULL+MACH, LIGHTSHIP, COASTAL

Propulsion and Main Engine:

2 x 600-800 kW diesels at 2300 rpm
2 x water-jets or surface drives

Speed and Range:

Service Speed (%65 MCR)	: 25-35 knots
Maximum Speed	: 35-50 knots
Range (at service speed) & Endurance	: 250 n.miles / 1 day
Bollard pull	: 4 tonnes ahead

Tank Capacities:

Fuel	: 2800 litres
Freshwater	: 300 litres
Sewage tank	: 300 litres
Oily water (bilge) tank	: 200 litres
Foam tank	: 150 litres

Deck Equipment:

Electric driven anchor windlass
Towing bit with hydraulic capstan : SWL 2,0 tons
Warping chocks and 8 bollards
Deck david with 200kgs lifting capacity

Electric Sys. and Auxiliary engine :

1 x 8 kW diesel generator
Shore power, 24 DC, 220 AC, rectifiers

Life Saving Equipment :

1 x 12 persons inflatable life raft
Buoys and life jackets min. as per rules

External Fi-Fi Equipment (optional) :

Fire pumps (driven by main engines)	: 2 x 300 m3/h
Fire & foam monitors (remote and manual cnt)	: 2 x 200 m3/h
Water spray self-protection system	
Hand lines	: 2 set hand lines

EMS (Em'cy Medical) Support (optional) :

Heated and A/C patient care area and berth
EMS equipment and storage, SCBA

Fire Fighting Equipment :

Fixed CO2 system for Engine room,
Portable CO2 tubes and fire stations

Combat & Defence System (optional) :

Ballistic proof windows and structure
12,7 mm and/or 7,6 mm Machine gun(s) with STAMP and/or
short range anti-ship missiles.

Accommodation:

Crew : 3 + 1 persons
Survivors : 10 persons (maximum)
Wheelhouse & Flybridge
Daily living room with buffet
WC and shower
One primary EMS berth and two secondary berths
Heating or cooling via A/C in all areas

Control & Navigation Equipment:

Joystick type combined control system (2 + 1 stations),
48 nmiles Radar (combined with chart-plotter and GPS)
Magnetic Compass
Satellite or Gyro compass (non IMO) (optional)
Auto-pilot (optional)
DGPS & Chart Plotter
Echo Sounder
Navtex Receiver
AIS
Searchlight (remote 2 x 500 w)
Navigation and Emergency lights
Loudhailer / Fog Horn / Siren

Communication Equipment:

UHF/MF Radio with DSC (150 W)
VHF / FM Semi-dublex (25 W)
1 handy VHF GMDSS
Intercom & announce system
EPIRB and SART
IR night vision camera and CCTV system (optional)

General Specifications:

Self-righting (abt 10- max 15 sec after being capsized) (Optional)
Corrosion resistance full aluminium structure
Double chine planning hull
360 degree view at bridge and fly-bridge control
Absorbing rubber fender system
Ergonomic and comfortable internal layout
Lowered rescue platforms at both sides and aft transom
500 mm above LWL
Reinforced bow and fender for pushing and forward landing

DG-15M/20T INTERCEPTOR & SAR BOAT

