



15 m. INTERCEPTOR BOAT

DG-15M/20T MINI Class INTERCEPTOR BOAT

Purpose / Description:

This boat has been designed for the requirements of Naval Forces or Coastal Police for the purpose of regular patrol facility, intercepting anti-symmetrical threat 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-7 (beaufort-6) 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)	: 15.50 mts
Length (water level)	: 13.50 mts
Beam (moulded & OA)	: 4.50 / 5.00 mts
Depth (moulded)	: 1.90 / 2.60 mts
Draft (moulded & extreme)	: 0,85 mts
Displacement (fully laden)	: 22.00 t

Fire Fighting Equipment :

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

Combat & Defence System (optional) :

Ballistic proof windows and structure
1 x 12,7 mm machine gun with auto-control & stabilizer
2 x 7,6 mm machine gun (manual)
Short range anti-ship Hell-fire missiles (optional)

Classification Society and certificates :

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

Propulsion and Main Engine:

2 x 600-1100 kW diesels at 2350 rpm
2 x water-jets or surface-drives

Accommodation:

Crew : 2 + 8 (military) persons
Wheelhouse
Daily living room with buffet
WC and shower
Heating or cooling via A/C in all areas

Speed and Range:

Service Speed (%60 MCR)	: 25-35 knots
Maximum Speed	: 40-55 knots
Range (at service speed) & Endurance	: 250 n.miles / 1 day
Bollard pull	: 4 tonnes ahead

Control & Navigation Equipment:

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

Tank Capacities:

Fuel	: 2800 litres
Freshwater	: 250 litres
Sewage tank	: 250 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

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)

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

General Specifications:

Corrosion resistance full aluminium structure
Double chine planning hull
360 degree view at bridge and flybridge control
Absorbing rubber fender system
Ergonomic and comfortable internal layout
Reinforced bow and fender for pushing and forward landing

External Fi-Fi Equipment (optional) :

Fire pumps (driven by main engines)	: 2 x 300 m3/h
Fire & foam monitors (remote and manual cnt)	: 3 x 150 m3/h
Water spray self-protection system	
Hand lines	: 2 set hand lines

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