



DG-30M/95T MAXI Class COAST GUARD & SAR BOAT

Purpose / Description: *This boat has been designed for the requirements of Coast Guard for the purpose of regular patrol facility, search & rescue or intercepting of anti-symmetric threats 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 up to sea state-8 (beaufort-10) rough sea conditions . This multi-purpose boat can be use for SEARCH & RESCUE, COAST GUARD, POLICE, CUSTOM and NAVY purposes.*

Specifications:

Length (moulded & LOA) : 30.00 / 32,0 mts
 Length (water level) : 27.40 mts
 Beam (moulded & OA) : 6.80 / 7.25 mts
 Depth (moulded) : 3.80 mts
 Draft (moulded & extreme) : 1,40 mts
 Displacement (fully laden) : 95.00 t

Classification Society and certificates :

BV- HSC (High-Speed craft) or equivalent DnV, ABS, LRS,
 I+HULL+MACH, PATROL MCA, RINA

Propulsion and Main Engine:

3 x 1800 kW diesels at 2450 rpm
 3 x waterjets

Speed and Range:

Service Speed (%60 MCR) : 30 knots
 Maximum Speed : 45 knots
 Range (at 12 knots speed) & Endurance : 1000n.miles/ 7 days
 Bollard pull : 10 tonnes ahead

Tank Capacities:

Fuel : 14000 litres
 Freshwater : 2000 litres
 Sewage tank : 600 litres
 Oily water (bilge) tank : 400 litres
 Foam tank : 400 litres
 Lub oil / Hyd oil tanks : 300 / 150 litres

Deck Equipment:

Hydraulic driven anchor windlass & capstan
 Towing hook with hydraulic capstan : SWL 10,0 t
 Towing winch with drum and self-spooling : SWL 10,0 t
 Mooring bollards with warping chocks : 5 pairs each side
 Telescopic knuckle type hydraulic crane : SWL 1,5 t / 8m rad

Electric Sys. and Auxiliary engine :

2 x 80 kW diesel generators
 Shore power, 24 DC, 220/380 AC, rectifiers

Life Saving Equipment :

2 x 16 persons inflatable life raft
 1 x RHIB with one 50 hp our board engine 8 persons

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 200 m3/h
 Water spray self-protection system
 Hand lines : 4 set hand lines

Others :

Fresh water maker, sewage treatment sys.
 Underwater camera, scuba diving sets

Fire Fighting Equipment :

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

EMS (Em'cy Medical) Support (optional)

Heated and A/C patient care area with 1 primary berth
 EMS equipment and storage, SCBA

Combat & Defence System :

Ballistic proof windows and structure
 1 x 25 mm gun with stabiliser and electro optic & IR remote
 2x 12.7 mm (or 7,62) machine gun(s) – manual or STAMP
 Short range hell-fire anti-ship missiles (optional)

Accommodation:

Crew : 6 officers + 8 ratings
 Wheelhouse & Flybridge
 Daily living room for officers
 Daily living room for ratings
 5 x WC and shower wet units
 2 x single and 2 x double cabins for officers,
 3 x cabins for ratings
 Heating or cooling via A/C in all areas

Control & Navigation Equipment:

Joystick combined control system (2 + 1 stations)
 1x 96 + 1 x 48 nmiles, 2 Radars (comb with ECDIS and GPS)
 Magnetic Compass
 Gyro compass and Auto Pilot
 DGPS and ECDIS
 Echo Sounder 50 & 200 Hz
 AIS, Navtex Receiver
 3 x Searchlight (remote 2000 w)
 Navigation and Emergency lights
 360 deg visibility Flood light tower
 Loudhailer / Fog Horn / Siren

Communication Equipment:

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

General Specifications:

Good stability and sea worthiness
 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
 600 mm above LWL
 Reinforced bow and fender for pushing and forward landing

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