



DG-19M/37T MIDI Class SEA AMBULANCE

Purpose / Description: *This boat has been designed for the requirements of any local/coastal EMS (Emergency Medical Service) and/or fast transportation of patients and/or survivors between marine platforms to shore or islands to main land, etc. Boat is equipped with full requirements of latest standards for ambulance having excellent sea keeping and maneuvering capability at high speeds within shallow waters up to sea state-6 (beaufort-7) conditions. Alternative models can be applicable for SEARCH & RESCUE, FIRE FIGHTING and FISHERY PATROL purposes.*

Specifications:

Length (moulded & LOA) : 18.50 / 19.80 mts
 Length (water level) : 17.20 mts
 Beam (moulded & OA) : 5.30 / 5.90 mts
 Depth (moulded) : 2.50 metres
 Draft (moulded & extreme) : 1.00 / 1.50 mts
 Displacement (fully laden) : 37.00 t

Accommodation:

Crew : 3 navigation + 2 medical
 Patients : 2 laying , 10 maximum
 Wheelhouse
 EMS cabin with full reanimobil ambulance sets for (2) patients
 Salon for medical crew
 Daily living room with buffet
 WC and shower
 One cabin with two berths
 Heating or cooling via A/C in all areas

Classification Society and certificates :

BV- HSC (High-Speed craft) or equivalent : DNV, ABS, LRS,
 I+HULL+MACH, LIGHTSHIP RINA, MCA
 AMBULANCE BOAT, COASTAL AREA

Propulsion and Main Engine:

2 x 800 kW highspeed diesels at 2100 rpm
 2 x 850 mm FPP propellers

Navigation Equipment:

48 nmiles Radar (combined with chart-plotter and GPS)
 Magnetic Compass
 Satellite compass or non-IMO gyro
 Auto-pilot
 DGPS & Chart Plotter
 Echo Sounder
 Navtex Receiver
 AIS
 Searchlight 1 x 1000 w
 Navigation lights
 Horn / Siren

Speed and Range:

Service Speed (%65 MCR) : 25 knots
 Maximum Speed : 30 knots
 Range (at service speed) : 300 n-miles

Communication Equipment:

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

Tank Capacities:

Fuel : 5000 litres
 Freshwater : 500 litres
 Sewage tank : 400 litres
 Oily water (bilge) tank : 250 litres
 Clean Lub-oil tank : 150 litres

Deck Equipment:

Electric driven anchor windlass & capstain
 8 bollards and warping chocks
 MoB rescue & lifting platform at transom
 David with 24 DC lifting winch SWL 250 kg

Auxiliary engines :

1 x 10 kW diesel generator

Life Saving Equipment :

1 x 16 persons inflatable life raft
 Buoys and life jackets min. as per rules
 Safety railing with quick release belt

Fire Fighting Equipment :

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

EMS (Em'cy Medical) Support

Heated and A/C patient care area and berths : 2 x berths
 EMS equipment and storage, SCBA

General Specifications:

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

Optional Systems & Equipments:

Water-jets propulsion system
 Speed 40 knots acc to M/E power and propulsion system
 Steel hull construction with aluminium super structure
 Bow thruster



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