



## **DG-19M/40T MIDI Class COAST GUARD & SAR BOAT**

**Purpose / Description:** *This boat has been designed for the requirements of any local/coastal daily COAST GUARD facilities with EMS (Emergency Medical Service). 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-8 (beaufort-9) 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) : 40.00 t

### **Accommodation:**

Crew : 3 navigation + 1 medical  
 Passengers or others : 1 laying , 10 maximum  
 Wheelhouse  
 EMS cabin with full reanimobil ambulance sets for (1) patient  
 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  
 PATROL 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 (%70 MCR) : 23 knots  
 Maximum Speed : 27 knots  
 Range (at service speed) : 300 n-miles

### **Tank Capacities:**

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

### **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

### **Deck Equipment:**

Electric driven anchor windlass & capstain  
 8 bollards and warping chocks  
 MoB rescue davit at transom with 24DC 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 : 1 x berths  
 EMS equipment and storage, SCBA

### **General Specifications:**

High tensile steel hull construction.  
 Corrosion resistance 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  
 Full marine grade aluminium construction hull & structure  
 Bow thrusters  
 Rescue platforms and davit  
 Weapons and combat system  
 Bullet proof windows and cabin

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