



DG-24M/20T-24PAX CREW & SUPPLY BOAT

Purpose / Description:

This boat has been designed for the purpose of transporting crew and supplies of about 20.000 kg (maximum) between vessels and ashore within any coastal and offshore regions. It is a highly maneuverable and seaworthy boat capable of serving ships on transit or anchored under heavy seas conditions up to sea state-6.

Specifications:

Length (moulded & LOA)	: 24.00 mts
Length (water level)	: 22.50 mts
Beam (moulded & OA)	: 5.80 mts
Depth (moulded)	: 3.00 mts
Draft (maximum)	: 1.20 / 1.80 mts
Displacement (fully laden)	: 65.00 t
Deadweight capacity	: 35.00 t

Accommodation:

Crew	: 4 persons
24 Passengers (Pullman type two row seats)	
Living room and buffet for crew	
One cabin for crew, WC and shower units	
Heating/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
CREW & SUPPLY BOAT, COASTAL AREA	

Navigation Equipment:

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

Propulsion and Main Engine:

2 x 1000 kW diesel engine at 2300 rpm
2 x FPP

Speed and Range:

Service Speed (%75 MCR)	: 20 knots
Maximum Speed	: 25 knots
Range	: 600 nautical miles
Towing	: 8 tons BP

Communication Equipment:

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

Auxiliary engines:

2 x 35 kW (380 SC V / 50 Hz) Generator
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Tank Capacities:

Fuel	: 12000 litres
Freshwater	: 1600 litres
Sewage	: 1000 litres
Oily water (bilge) tank	: 300 litres
Clean Lub-oil tank	: 200 litres
Ballast	: 8000 litres

General Specifications:

High resistant light alloy marine grade aluminium construction
Double chine planning hull
High seaworthiness and manoeuvrability
360 degree view at the bridge
Absorbing rubber fender system
Ergonomic and comfortable internal layout
Reinforced bow and fender for pushing and forward landing

Deck Equipment:

Hydraulic windlass and mooring & capstan	
4 twin and 4 single bollards, warping chock	
One capstan on towing bollard at centre	
Telescopic knuckle type hydraulic crane	: SWL 15 t.m
Having Telescopic boom working radius	: 3.0 – 9.5 m.

Optional Systems & Equipments:

1 x RHIB boat for 6 persons, our board engine
External Fi-Fi system
Steel hull construction
Speed up to 36 knots with 3 x watejets

Life Saving Equipment :

1 x 16 Capacity inflatable life raft
