

08 TONS BOLLARD PULL TUG BOAT



Particulars of Tug Boat

- Length Overall : 15.7 m
- Breadth : 5.40 m
- Depth : 2.70 m
- Draft : 1.70 m
- Crew : 04 Nos

Technical Features

- Bollard Pull : 08 Tons
- Speed : 8 Knots
- Endurance : 350 Nm

Class of the vessel

- Class : Indian Register of shipping (IRS)
- Notation : SUWASTIKA SU- TUG
"Restricted Services", IY

Tank Capacities

- Fuel Tanks : 7400 liters
- Fresh Water Tanks : 2300 liters
- Waste Water Tanks : 1600 liters
- Fore peak Tank (Ballast) : 11 500 liters

Main Equipment

Main Engines

- Make : Cummins
- Model : N855-M
- Rated Power : 298 kW
- Rated speed : 1800 rpm

Gear Box

- Model : ZF 360
- Gear Ratio : 3 : 1

Propeller

- Type : Manganese Bronze
- Shaft : 90 mm
- Prop. Diameter : 1016 mm

Steering System

- Model : OMEH 1000 – 2P/BV
- Total Torque : 1.0 Tonne - Metre
- Turning angle : 2 x 35 Degree

Generator

- Make : Cummins
- Model : 27.0MDKBU
- Capacity : 27 kW
- Voltage : 230 V
- Phase : 1 ph
- Engine rpm : 1500 rpm

Other Equipment

Pumps

- Moto driven General Service pump
- Main Engine Driven Bilge Pump
- Motor driven Waste water pump
- Motor driven Fresh water pump
- Bilge water separator

Navigation

- Navigational lights with control panel
- 01 No. Radar (32 Nm)
- GPS
- Chart Plotter
- Magnetic Compass
- Echo Sounder
- AIS
- VHF with DSC (Area 1)
- Sart
- EPIRB

Mooring

- Anchor windlass – 230 V, 1 ph, 50 Hz motor driven anchor windlass
- Anchor chain – 110m
- Bow Anchor – 100 kg
- Towing Hook – 10 Ton Capacity

Alarms

- Bilge
- Fire
- General

Other Features

Fire Fighting Arrangement

- CO₂ Flooding System
- Adequate CO₂, Foam and Dry powder extinguishers according to IRS Class

Life Saving Arrangement

- 01 No of Life Raft for 06 person
- 08 Nos of Life Buoys
- 06 Nos of Life Jackets
- Other Adequate items

Accommodation

- Accommodation for 04 Nos of Crew
- Galley
- Wash room

Electrical

- 230 V, 1 ph, 50 Hz Main power
- 24 V, DC for controls and emergency
- 650 W Search light
- 500 W Flood lights
- 100 W Deck lights