



MAT MARINE SERVICES PVT.LTD

MARINE SERVICES TO THE OFFSHORE INDUSTRY



M.V. "JUPITER"

24M UTILITY TUG BOAT

TECHNICAL SPECIFICATION

Item	Specifications	Item	Specifications
1 Name of Vessel	M.V. Jupiter	10 Performance	
2 Type of Vessel	Utility tug boat	Maximum Cruising Speed	12 Knots
3 Design Characteristics	12.5 Bollardpull utility tug boat.	Cruising Speed	10 Knots
4 Plying Limit	Near Coastal	11 Fuel Consumption	
5 Classification	IRS	Maximum Speed	200 ltrs/hr
6 Class Notation	SUL,TUG,"INDIAN COASTAL SERVICE"	Cruising Speed	150 ltrs/hr
7 Port of Registry	Chennai	Gen-Set	10 ltrs/hr
8 Flag	India	18 Accommodation	Air Conditioned
9 Horse Power	2 x 600 BHP @1800 RPM	a) Crew Sleeping	12 Nos
12 Main Characteristics		19 Fire Fighting Equipment	
L.O.A	23.90 M	a) Fire Hydrant Station	As per classification's requirement
Beam Molded	8.00 M		
Design Draft	2.30 M		

13 Capacity		b) Fire Extinguishers	Portable type at appropriate locations
Fuel Oil	50000 ltrs	c) Fixed system	co2 for engine room wheel type
Fresh Water	30000 ltrs	20 Life Saving Appliances	As per SOLAS 74/78, Local Authority and classification's requirement
Clear Deck Space	60 sq.M	21 Other Equipment	
Deck Cargo	50 Tonnes	a) Life Raft	2 x 15 men inflatable life raft c/w automatic hydrostatic release
14 Auxiliaries	2 X Ashokleyland 48 Kw	22 Owner	Mat Marine Services Pvt.Ltd
15 Pump		23 Designer	Cybermarine Knowledge Systems Pvt.Ltd
a) Bilge/ Ballast Pump	B.E pump 25 cu.m/hr @ 40MWC	24 GRT/NRT	160 / 48
b) Main Fire Pump	B.E pump 25 cu.m/hr @ 40MWC	25 Year Built	2016
c) Emergency Fire Pump	Kirloskar pump 25 cu.m/hr @ 50MWC	26 Builder	Sindhu Marine, Kakinada,India
16 Propulsion Machinery		27 Registered	Chennai
a) Main Engines	2 X Cummins KTA 19M3 TIER-II		
b) Propulsion	2 X Fixed Pitch Propeller with 2 kort nozzles		
17 Navigation & Communication Equipment			
a) Magnetic Compass	Fitted		
b) Radar	Fitted		
c) Echo Sounder	Fitted		
d) Marine VHF	Fitted		
e) Marine SSB	Fitted		
f) GPS	Fitted		
g) Walkie Talkie	3 X icom IC - M5, C/W quick changer cm-16E, 3 Nos GMDSS		
h) Navtex	Fitted		
i) Ais	Fitted		