

TUG VOLANS



Dimension

Length Overall	: 29.00 meters
Length BP	: 26.50 meters
Beam Moulded	: 9.00 meters
Depth Mld.	: 4.25 meters
Draft Designed	: 3.50 meters
Draft Maximum	: 3.90 meters

Tonnage

Deadweight	: 148.40 metric tons
GRT	: 247.00 metric tons
NRT	: 74.00 metric tons

Machinery / Propulsion

Main Engine	: Yanmar M220 EN 2x1200 BHP at 800RPM c/w Gearbox, Total 2400 BHP
Propellers	: 4 Bladed Semi Skew, Diameter 2000mm, 2x Fixed Pitch
Bow Thrusters	: 1x 1.5 tonnes fixed pitch bow thruster
Steering Gear	: Wagner LB2-4.0-3.5-BB2

Liquid Storage Capacity

Fuel/Gas Oil	: 185.00 cubic meters
Lubricating Oil	: 2.30 cubic meters
Fresh Water	: 51.00 cubic meters
Dirty Oil	: 2.30 cubic meters

Navigational & Communication Equipment

Gyrocompass	: 1 Sperry MK-37
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Registration

Year Built	: 2004
Owner	: Mubarak Marine LLC
Port / No. of Registry	: Dubai
Call sign	: A6E 3103
Official Number	: 5438
Class	: Lloyds Register
IMO No.	: 9298856
Builder	: Labroy Shipbuilding & Engineering PTE Ltd

Cargo Deck

Area	: 70.00 square meters
Deck Strength	: 5.00 ton/square meters

Deck Equipment

Anchor & Chain	: 2 x 480 kg; Chain 275mm x 19mm Diameter U2 Grade
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Electric Power Generation

Diesel Generator Engine	: 6CTA 8.3; 2x 145 KW
Alternator	: Leroy Somer LSA M47.IL9 120 KW,415VAC/50Hz/3Ph

Cargo Discharge Capacity

Fuel/Gas Oil	: 8.000 m ³ /hr at 30m head
Potable Water	: 8.000 m ³ /hr at 30m head

Performance

Speed	: Free Running 11Knots at Ballast
Bollard Pull	: 26.00 metric tons
Endurance	: About 35 days(at Max. RPM)
Range	: About 3168NM at 11K Average

Fuel Consumption

Towing	: 5.10 metric tons
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Autopilot : 1 Course Master 650
 Magnetic Compass : 1 Daiko Keiki, Model SR 150 PK
 Radar : 1 Kodan-MDC-1040,
 : 1 Samyung SMR-3600
 Echo Sounder : 1 Hondex, Model HE-770
 GPS Navigator : 1 Kodan KGP -920
 : 1 C-Map,HGP 2800 Haiyang
 EPIRB : 1 GME Model:MT 403FF-S503E
 SART : 2 Samyung – SAR-9
 Navtex Receiver : 1 Samyung – SNX-200
 VHF-FM Transceiver : 2 Samyung –STR-6000A
 Portable VHF : 3 Submersible HX-370S
 GMDSS : Samyung – SRG 1150DN
 MF/HF DSC Radio Eqpt
 Thuraya : Telephone/Fax

Towing & Anchor Handling Equipment

AH/Towing Winch : 10.000mt @ 10.000m/min
 Electro Hydraulic;Wire 36mm
 diameter x 1000m
 Brake Holding 70t at 1st Layer Static
 Stern Roller : Fitted

Free Running : 4.10 metric tons
 Fresh Water Consumption : 1.000 metric ton

Safety / Fire Fighting

Life Rafts : 2 x 20 persons, Inflatable
 Life Buoys / Life Jackets : 8 nos. / 17 nos.
 CO2 Flooding System : Yes
 Fireman Outfit : 1
 Emergency Fire Pump : 1 set

Load/Discharge Connections

Fuel Oil/ : Female-3”Kamlock/
 Potable Water : Female-2.5” Kamlock
 Reefer Connections : 2 x 240/1/50 32A;2 x 415/3/50 63A

Accommodation

Cabins : 3 x 1 –Berth cabins; 3 men
 1 x 6 –Berth cabins; 6 men
 1 x 4 – Berth cabins; 4 men

Total 13 men

Note: All details in good faith without guarantee subject to change without prior notice.