



ROTOR TUG

ALL-ROUND PULLING & PUSHING



RT-ANTONIE & RT-ZOË

GENERAL

Type Rotor® Tug RT-60 Harbour/Coastal Tug
 Flag Malta
 Builder ASL Shipyard Pte Ltd Singapore
 Year Built 2005 / 2006
 Classification Lloyd's Register of Shipping + 100 A 1
 LMC Tug Coastal Service UMS
 Owner Kooren Shipbuilding and Trading B.V.

DIMENSIONS

Length Overall 28.30 m
 Length Waterline 26.10 m
 Beam Overall 11.70 m
 Depth 5.24 m
 Draught Max. 5.90 m
 Displacement (approx.) 490 T

TANK CAPACITY

Fuel 111 cbm
 Fresh Water 44 cbm
 Ballast Water 49 cbm

PERFORMANCE

Power (total) 4020 kW (5465 bhp)
 Free Running Speed 12.0 knots
 Max Range (1 engine) 4000 nautical miles
 Bollard Pull 68/70 metric tons

MACHINERY

Main Engine (3 units) Wartsila 8L20, 1340 kW each @ 1000 rpm
 Propeller (3 units) Wartsila/Lips CS-200 CP HR D=2100 mm
 Generator sets (2 units) Cummins 120 kW 50 Hz each (UMS)

CONTROL EQUIPMENT

Remote Control System LipsTronic / Unilever
 Engine Monitoring Advanced Engine Monitoring System
 Bridge Watch System Integrated Bridge Control System

ACCOMODATION

Cabins 2 x 1 and 2 x 2
 Total berth 6
 Air-conditioning All fully air conditioned and heated

SAFETY EQUIPMENT

As per Solas requirements
 Life Buoy (8x)
 Life Raft (2x) Inflatable RFD Life Rafts (6 persons each)
 Life Jacket (12x)

TOWING

Winch Make Plimsoll
 Winch Aft Heavy Duty Hydraulic Towing Winch
 Capacity Pull 30 tons at 0-15m/min on 1st layer
 Brake Force 150 T
 Tow Line Length Min. 200 m D = 52 mm
 Hawser Synthetic Length 10 m D = 100 mm
 Forerunner Length 20 m D = 48 mm
 Separation Cheek Installed on winch aft
 Winch Fore Identical to the winch aft
 Tow Hook Disc Type Pull: 65 T

DECK EQUIPMENT

Anchor Winch (2x) Plimsoll Electrically driven
 Anchor (2x) Pool (High Holding Power)
 Anchor Chain Stud Link Chain Strength U2
 Stern roller Dimensions : approx. 1200 x 500 mm

FIRE FIGHTING FIFI-1

Fire Pump Capacity FiFi 2400 cbm/h (Fishcon)
 Monitor (2x) Remote Controlled 1200 cbm each
 Foam One monitor with Foam Injection
 Spray System Installed, 300 cbm/hr

NAVIGATION

Radar (1x) Furuno (one slave)
 Autopilot Nauto-Pilot
 Gyro Compass Anchultz
 Magnetic Compass C Plath
 GPS Furuno
 Depth Sounder Furuno
 Echo Sounder Furuno
 Echo Sounder Furuno
 Air Horn Marco

COMMUNICATION

VHF Fixed (2x) Furuno
 VHF Handheld (2x) McMurdo
 Navtex Furuno
 Epirb McMurdo
 SART McMurdo
 Intercom System (1x) Zenitel
 PA / Talkback (1x) Zenitel
 Loud Hailing System Vingtor
 GMDDS port. radio (2x) Furuno
 Radio / TV Rico or equivalent
 Fax / Telephone Furuno

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