



# ROTOR TUG

ALL-ROUND PULLING & PUSHING



## RT-CLAIRE & RT-STÉPHANIE

### GENERAL

Type Rotor® Tug RT-60 Harbour/Coastal Tug  
 Flag France  
 Builder ASL Shipyard Pte Ltd Singapore  
 Year Built 2004 / 2005  
 Classification Lloyd's Register of Shipping + 100 A 1  
 LMC Tug Coastal Service UMS  
 Owner Kooren Shipbuilding and Trading B.V. /  
 Société Nouvelle de Remorquage du Havre

### 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) 4050 kW (5506 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) Niigata 6L25 HX, 1350 kW each @750 rpm  
 Propeller (3 units) Niigata ZP-21 FP D=2000 mm  
 Clutches (3 units) Niigata Dual Modulation Clutches  
 Generator sets (2 units) Cummins 120 kW 50 Hz each (UMS)

### CONTROL EQUIPMENT

Remote Control System Niigata GSO / Unilever  
 Engine Monitoring Advanced Engine Monitoring System  
 Bridge Watch System Integrated Bridge Control System

### ACCOMODATION

6 persons  
 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 1<sup>st</sup> 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

Fire Pump Capacity FiFi 1500 cbm/h (Fishcon)  
 Monitor (1x) Remote Controlled 1200 cbm/h  
 Foam Foam Injection (optional)  
 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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