


# MT MED ALDEBARAN

Reverse Stern Drive Tug 2513 built by Damen Shipyards, Song Cam, Haiphong, Vietnam

**BUILT:** 2024  
**IMO NO:** 9992191  
**FLAG:** Maltese

## CLASSIFICATION:

BV I  HULL • Mach Fire-Fighting 1 - Water Spray - Escort  
Tug – Unrestricted Navigation - In-Water Survey - AUT UMS  
– COMF-NOISE 3 – COMF-VIB 3.

## DIMENSIONS:

Length O.A 24.73 m  
Beam overall 13.13 m  
Depth at sides 4.95 m  
Draught aft 6.20 m  
Displacement 570 T

## SPEED

Max. Speed 12.8 kts

## PERFORMANCE:

Bollard Pull 80.2 T

## TANK ARRANGEMENTS AND CAPACITIES:

Fuel Oil 77.1 m<sup>3</sup>  
Fresh Water 8.5 m<sup>3</sup>  
Sewage 5.9 m<sup>3</sup>  
Lub oil 2.5 m<sup>3</sup>  
Dirty Oil 2.5 m<sup>3</sup>  
Bilge Water 5.9 m<sup>3</sup>  
Foam 12.2 m<sup>3</sup>  
Dispersant 3.3 m<sup>3</sup>  
Urea 3.0 m<sup>3</sup>

## PROPULSION SYSTEM:

Main Engines 2 x Caterpillar 3516C TA HD/D IMO Tier III  
– Total power 5050 kW (6772 bhp) at  
1800 rpm  
Thrusters Rolls Royce US 255 P30 FP – Propeller  
diameter 3000mm.

## GENERATORS SETS:

Auxiliary Engines 2 x Caterpillar C4.4 TA  
Generators 2 x Leroy Somer LSAM 44.3 L10, Capacity  
– 107 kVA, Voltage – 400 V, Frequency –  
50Hz.

## TOWING WINCH:

Double Drum 1 x hydraulically driven double drum  
towing winch, low speed pull - 35 tons up  
to 10.  
Towing Winch m/min, high speed pull - 25 tons up to 40  
m/min, brake holding capacity - 200 tons.

## AUXILIARY EQUIPMENT:

GS pumps: 2 x Azcue pump type CA 50/3A,  
capacity - 27 m<sup>3</sup>/h.  
Bilge water pump: 1 x Azcue pump type CA 32/05,  
capacity – 10.0 m<sup>3</sup>/h at 1.3 bar.

Fuel pump: 1 x Azcue pump type CA-40-1B,  
capacity 12 m<sup>3</sup>/h at 1.2 bar.  
Fuel filtration system: 2 x CJC fuel filtration unit type PTU3  
27/81MZ-E2PWZ.  
Machinery cooling: Combination keel cooling and box  
cooling system.  
FW pressure set 1 x DAB Euroinox 40/50T 70l/min at  
3.0 bar.  
Sewage treatment 1 x Tecnicomar type Ecomar 20  
plant

## FIFI 1 EQUIPMENT:

2 x main engine driven pumps each 1200 m<sup>3</sup>/h capacity, total  
capacity 2400 m<sup>3</sup>/h with water spray. 2 x Fifi water/foam  
monitors each 1200 m<sup>3</sup>/h capacity.

## ACCOMMODATION:

Accommodation provided for 6 persons, completely  
insulated and finished with durable modern linings, sound  
absorbing ceiling in the wheelhouse and floating floors. Air-  
conditioned wheelhouse, accommodation and switchboard  
room. Accommodation above main deck with a captain's  
cabin, chief engineer's cabin, two double crew cabins,  
pantry, mess/dayroom and sanitary facilities. The  
superstructure is mounted resiliently to reduce noise levels.

## NAUTICAL AND COMMUNICATION EQUIPMENT:

Searchlights: 2 x Norselight searchlights type SH470  
2000 W.  
Radar system: 1 x Furuno type FAR-1518-BB.  
Electronic Chart Make MaxSea type TZ professional  
System: provided with 19" monitor.  
Compass: 1 x Cassens & Plath.  
Satellite compass/ 1 x Simrad type GN70/HS80A  
GPS:  
Autopilot: 1 x Simrad type AP-70  
Echosounder: 1 x Furuno type FE-800  
Speed log: 1 x Furuno type DS-85  
VHFs: 2x Sailor Compact 7222  
Hand-held GMDSS 2 x Sailor type SP 3540.  
VHF sets:  
Navtex receiver: 1 x Furuno type NX-700 B  
AIS: 1 x Furuno type FA-170  
EPIRB: 1 x Jotron type Tron-60AIS  
Sart: 1 x Jotron type Tron AIS

Remote monitoring  
System: Ready for Damen Triton

Anemometer: Gill Instruments type GMX 500