

LAMNALCO WAXBILL



General

Vessel type	Line Handling Tug
Year Built/ Builder	2004, Sanmar Istanbul, Turkey
Classification	ABS +A1 Towing Vessel + AMS
Flag	Cyprus
Call Sign	C4MV2

IMO Number	9335331
GRT/NRT	224
Deadweight	108 m/t

Dimensions

LOA x Beam x Depth Mld.	25.25m x 8.6m x 4.0m
Design Draft	3.1m

Cargo Capacities

Fuel Oil	71m3 @ 100% cap.
Fresh Water	28.6m3 @ 100% cap.
Fresh Water Transfer	26m3/hr @ 50m head
Foam	4.0m3
Dispersant	3.6m3

Propulsion Machinery

Main Engines	2 x CAT 3512B engines each developing 1119 KW,
Total Power	2200 bhp
Bollard Pull	40 t
Gearbox	Reintjes

Propellers		Two fixed mild steel nozzles fitted with Lips fixed pitch propellers
Steering Gear		2 Data Electro hydraulic units
Rudders		4 x Rudders; two per nozzle - Data
Generators		2 x Perkins Sabre 4TGM heat exchanger cooled, each rated approx. 59 KW 415V, 3 phase, 50 Hz, 0.8P.F
Full Service Speed		12.0 knots
Economical Speed		10 knots
Fuel Oil Purifier		Alpha Laval, MIB 303 with 760 l/h capacity
Deck Equipment/ Mooring System		
Stern Roller		15 tons SWL, min. 1.75m length x 0.6m dia.
Fendering		Vessel sides at deck level is completely fendered with integrated fenders, 300mm keyhole fenders plus aircraft tyres. At bow where pushing will take place, vertically installed 300mm keyhole fenders with earth mover tyres fitted over. Water spray arrangement supplied over the fendering.
Towing Hook		Data, 45t SWL with quick release
Capstans		2 x 5T Hydraulic with 381mm barrels
Anchor Windlass		2.5t @ 12m/min.
Gob Eye		Flush
Anchors		1 x Pool type , 250 Kg
Anchor Chain		275m x 22mm dia, grade 2, high strength steel
Mooring Lines		2 x 20m long mooring ropes.
Navigation/ Communication Equipment		
Radar(s)		1 meeting SOLAS & GMDSS
Radio(s)	VHF	2 nos. 25w remote handsets with DSC
	SSB	1 Fitted.
Gyro-Compasses		1 Fitted with digital display
Autopilot		Compatible and interfaced with gyro.
Magnetic compass		7 inch reflector type c/w correction magnet, quadrant balls and reflector tube and compass binnacle, Azimuth device.
Other Navigation Equipment		1 GPS, 1 Echo sounder, 1 Navtex Receiver, 1 Handheld VHF, 1 SART, 1 EPIRB, 1 Internal intercom system
Accommodation		
Fully air conditioned		Total no. 9 men
2 x 3-berth cabins, 1 x 2-berth cabins		8
1 x 1 Berth		1
Fire/ Lifesaving Equipment		
Off Ship Fire Fighting		1 units seawater pump, 400m ³ /hr @ 70m head
No. of Monitors		1 unit @ 250m ³ /hr foam/water remote controlled
On Ship Safety		Firefighting to meet Class and Flag requirements
Liferafts		2 x 10 men to SOLAS approved.
Lifesaving		In accordance with Flag requirements
EPIRB & Radar Transponder		Fitted
Rescue Boat		1no. and, 1 no. x 15 HP outboard
Anti Pollution Equipment		
Dispersant System		Two 6m demountable spray booms fitted port and stbd. Supplied by pump and motor fitted in engine room – 61l/min.
Sewage Holding Tank		3.6m ³
Dirty Oil Tank		2.4m ³

Dispersant Tank
Foam Tank

3.6m³ minimum stainless steel
4m³ minimum

Additional Features

Navigation Lights Mast
Searchlights

Dual lens, 24V
3 x 1000 watts