

LAMNALCO FALCON



General

Vessel type	Berthing/ SBM Maintenance/ FiFi Tug
Year Built/ Builder	1997/ Fujian Fishery Shipyard
Classification	BV I 3/3E Tug Deep Sea
Flag	Cyprus
Call Sign	P3JP8

IMO Number	9147655
GRT/NRT	454/136
Deadweight	350 m/t

Dimensions

LOA x Beam x Depth Mld.	37.0m x 10.6m x 4.95m
Design Draft	4.00m

Cargo Deck

Clear Deck Space	15 x 7m approx.
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Cargo Capacities

Fuel Oil	320m ³ (29.6m ³ can be used for either 14.8m ³ fuel/foam & 14.8m ³ fuel/dispersant)
Fresh Water	86m ³
Fuel Transfer	30m ³ /hr @ 60m head
Fuel Oil Meter	Load/discharge meter
Fresh Water Transfer	36m ³ /hr @ 60m head
Refrigerated Storage	Cooler 0.5m ³ , freezer 0.5m ³

Propulsion Machinery

Main Engines	2 x YANMAR Z280A-EN diesel engines producing 2000 BHP each @ 720 rpm. 4000 BHP total
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Bollard Pull	60 m/t
Gearbox	2 x YX-3000 reverse reduction gearboxes of 3.5:1 ratio
Bow Thruster	Ulstein 45-TV250kW-3.7T thrust
Propellers	2 x solid propellers 2900mm diameter, 4-bladed Kaplan type manganese bronze in kort nozzles
Steering Gear	Electro hydraulic
Generators	3 x DD 8V-92, 300 KW 240KVA, 380 volts, 50Hz
Full Service Speed	13 knots @ approx. 13 m/t per day
Economical Speed	10 knots @ approx. 8.5 m/t per day
Endurance	7200 nm @ 12 knots
Fuel Oil Purifier	Mitsubishi self cleaning SJ-700 fuel oil purifier
Lube Oil Purifier	Mitsubishi self cleaning SJ-11T lube oil purifier

Deck Equipment/ Mooring System

Towing/ AH Winch	BRAVTAAG single drum hydraulic winch with remote controls in wheelhouse. 140 m/t brake capacity 75 m/t line pull @ 10.6 m/min. 750m x 52mm wire
Towing Pins & Sharkjaws	Ulstein combination unit
Tugger Winch/ Capstan	BRATVAAG 5.5 tons line pull @ 14m/min.
Wire Storage Reels	2 x 6 tons line pull at 12m/min hydraulic wire storage reels of 750m x 52mm SWR capacity
Stern Roller	Approx 3.6m x 1.5m (dia.), SWL 250 tons
Fendering	Flat bar doubler plates of 10" x 40mm cross section welded to side shell. At bow, rubber fenders of approx. 300mm thick section secured vertically, water cooled
Crane	Hydrolift 5t @ 8.5m radius
Anchor Windlass	Hydraulic 6 t @ 12m/min. BRATVAAG
Anchors	2 x 680kg stockless anchors
Anchor Chain	2 x 22m, 26mm U2 steel stud link chain

Navigation/ Communication Equipment

Radars	1 x X-band daylight type radar c/w 6' scanner, JRC model JMA-3625 (96nm). 1 x Furuno M1832 Additional Koden MD3642 (48nm) fitted.
Radio(s)	Radio synthesised 250W, 24V DC/240V AC with manual cover to emergency supply antenna feeder through insulator & whip & standoff insulators c/w DSC & NBDP to meet GMDSS requirements. JRC model JSS-800 2 x VHF/FM multi-channel marine radio-telephones. JRC model JHS-32A
Gyro & Autopilot	Tokimec ES-110. Autopilot-Furuno model FAP-300
Weather Facsimile	1 x JRC model JAX-9
Other Navigation Equipment	INMARSAT-C, EPIRB, Radar Transponder, P.A. System c/w fog horn signal, Navtex Receiver, GPS Navigator, wind speed and direction meter. All equipment makes/models are as stated or equivalent.

Accommodation

Fully air conditioned	
Single Berth	2
Double Berth	2
Four Berth	2
Total Berths	14

Fire/ Lifesaving Equipment

Off Ship Fire Fighting	Capacity 960 m ³ /hr, deck/underdeck installation
No. of Monitors	2 foam/water plus 1 water
On Ship Safety	Firefighting to meet Solas requirements
Liferafts	2 x 15 men
Lifesaving	To meet SOLAS requirement
EPIRB	Fitted
Zodiac	Achilles SG156 6 man, 1 x 25HP outboard

Anti Pollution Equipment

Dispersant Booms	2 x 5m
Dispersant Tank	14.8m ³
Foam Tank	14.8m ³

Additional Features

Pilot Boarding Platforms	Fitted both sides
Navigation Lights Mast	Collapsible

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