



5,000 BHP TWIN SCREW ANCHOR HANDLING / SUPPLY TUG BOAT

Name of Vessel	ENA Phoenix
Type of Vessel	Anchor Handling / Supply Tugboat
Flag	Singapore
Call sign	9 V 6616
Class	ABS + A1 Towing Vessel; + AMS
Built	2005
Gross Tonnage	499
Net Tonnage	149
Length Overall	40.00 metres
Breadth Moulded	11.40 metres
Depth Moulded	4.95 metres
Designed Draft	4.50 metres
Designed Speed	12 knots
Bollard Pull	71 tons
Berth	Total 16
Fuel Tank Capacity (MGO)	380 m3
Fuel Consumption	16.0 tons/day
Fresh Water Capacity	77 tons
Fresh Water Consumption	2.5 tons/day
Main Engines	2 units x Yanmar 6EY26, 5000 bhp (2 x 2,500BHP) @ 620rpm
Generating Sets	3 units Caterpillar each driving a 300KW alternator @ 1500 rpm,
Bow Thruster	3.5 tons cap., 250KW elect. motor driven
Shark Jaw	200 tons, Smith Berger hydraulic
Tow pins	200 tons, hydraulic
Stern roller	1600 mm dia. x 4.5 m
Deck crane	1 tons SWL x 7 m rad.
Towing Winch	Waterfall-type Double Drum 75 tons x 15 m/min.(1 st layer) Brake holding capacity : 150 tons Barrel capacity: 1000 m. x 52 mm.dia.
Storage reels	1 x hyd. storage reel, 1000m x 52 mm. 6 tons x 30 m/min pull
Tugger winch	2 units 10 tons x 15m/min.
Windlass	Electro hydraulic, double gypsies, 3 tons @ 12m/min.

Particulars indicated are believed to be accurate but given entirely without warranty. Interested parties are advised to verify details through inspections/verifications.

Deck space	16.0 m x 8.5 m
Fire-pump	360 m ³ /hr x 120 m head
Fire monitor	2 units at 3000 L/ min each
Dispersant spray boom	2 x 4m booms. 50 cbm pump
Fuel oil transfer pump	36 m ³ /hr. at 60 m head
Fresh water transfer pump	36 tons/hr. at 60 m head
Fresh water maker	2.5 tons/day
Navigational Aids	GMDSS (Area A3), Radars, Gyro-compass, Auto Pilot, GPS, Satellite navigator, SSB, VHF, Echo Sounder, Navtex receiver, weather fax, AIS, Mini-M communication.

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