



ORION LOGISTICS PTE LTD

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GST Reg No. M2-0033013-7 Co Reg No. 197803179M

1200BHP TWIN SCREW TUG – A CRYSTAL



General

Flag	Singapore	Breadth Moulded	7.32m
Port of Registry	Singapore	Depth Moulded	3.10m
Official No.	395198	Gross Tonnage	137
Call Sign	9V8028	Classification	Germanischer Lloyd +100 A5 Tug
Year Built	2008	Speed	Free-Running: Approx. 12 knots
Length (OA)	23.50m	Accommodation	10 Men

Capacities

Fuel	Approx. 83 Ton	Ballast Water	Approx. 34 Ton
Fresh Water	Approx. 12 Ton		

Navigation

Magnetic Compass	T-150B (China)	SSB Radio MF/ HF Marine Transceiver	ICOM – M710
Echo Sounder	FURUNO FCV – 620 / 585	VHF Radio	ICOM IC – M304
Radar	FURUNO 1715	EPIRB	Samyung SEP - 406
GPS	FURUNO GP 32 / GP 37		

Machinery

Main Engines	2 x 448kW @ 1800rpm, 6 cylinders Cummins Marine Diesel Engine, Model: KTA 19-M3	Towing Hook	1 x 15 Tons, Model: TH-15
Gear Box	2 x Reintjes Marine Reverse Reduction Gear (Ratio: 6.048:1)	Anchor Windlass	Anchor: 2 x Stockless Anchors, each 320kg Chain Cable: 16mm U2 Chain Cable Electric Anchor Windlass Model :HY AWD 300 Electric Hyd AC Motor: 7.5 Hp / 3Ph / 1450 rpm
Propeller	2 x Fixed Pitch 4-bladed Manganese Bronze	Anchor Chain	Chain Cable: 16mm Dia
Generators	2 x Cummins Model: Es33D5 24kW / 50 Hz	Steering Gear	Electro Hydraulic – Torque 2.0 TM

Agent, Operator, Owner, Ship & Asset Manager
Owner gives no warranty as to the correctness of the particulars contained herein