



TUG LIMIN KST 31



PUSHER HARBOUR TUG

Principal Particulars

Flag	Indonesia
POR	Batam
YOB	2009
IMO No	9548081
Call Sign	JZDO
Length OA	28.00 m
Breadth Moulded	9.80 m
Depth Moulded	4.9 m
Draft Design	4.00 m
Gross Tonnage	333 MT
Net Tonnage	99 MT
Bollard Pull	45 T
Max speed	12 knots
Classification	ABS + A1, Towing Vessel, (E) AMS

Machinery

Main Engine	2 x 1800 BHP Niigata 6L25HX at 750 rpm
Auxiliary Generator	2 x Volvo Penta D7AT 99kW, 415V, 3ph, 50Hz
Propulsion	2 x Niigata ZP-21, fixed pitch propeller with steerable Azimuth thrusters

Deck and Towing / AH Equipment

Anchor Windlass/	Electro hydraulic driven
Towing Winch	Brake holding capacity 90 T
Aft Towing Winch	Electro hydraulic driven Pull 45 T at 7m/min; 13 T at 21m/min Brake holding capacity 120 T
Marine Crane	1 x PALFINGER knuckle boom type Electro-hydraulic SWL 1.0 tons at 6m

Navigation Equipments

Echo Sounder, EPIRB, Marine Radar, GMDSS Area 3, GMDSS VHF Radio, GPS Navigator, WASS / GPS Plotter, Magnetic Compass, AIS System, Satellite compass / Auto Pilot, Navtex Receiver, SSB, VHF Radio.

Cargo Capacities

Fuel Oil	174.0 m3
Fresh Water	25.8 m3
Foam	10.6 m3
Dispersant	10.6 m3

Fire Fighting System

FIFI pump	1,445 m3/h, engine driven Model No : SFP250 @ 350HP Gearbox with clutch
Fire monitor	2 x 600 m3/hr Throw length : 100 m Throw height : 45 m
One set foam mixing fitting	
Self drenching system:	Main deck Deck House Wheel house

Others

Oil Pollution Fighting System

Accommodation

Total	10 pax
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PT. LIMIN KST

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