



Type : **PUSHER HARBOUR TUG**

Year Built
2002

Port of Registry
Malaysia

Class
ABS
A1 Circle E Towing Vessel
✳ AMS Fire Fighting Capability

Capacity
Fuel : 70m³
Dispersant : 2.0m³
Fresh Water : 30m³
Foam : 6.0m³

Tonnage
Net Tonnage : 73 Tonne
Gross Tonnage : 246 Tonne

Speed : 12 knots

Bollard Pull : 45 T excess

Dimensions
Length Overall : 27 m
Breadth Moulded : 9.00 m
Draft Design : 3.8 m
Depth Moulded : 4.70 m

Main engines
Niigata 6L22HX
2 x1800bhp at 1,000 rpm

Propulsion
2 x Niigata ZP-21 fixed pitch propeller
with steerable Azimuth thrusters

Generator
Perkins 1006TWGM
2 x 90 kW, 380V, 3pH, 50Hz

Deck Machinery
Towing Winch/ Anchor windlass:
Plimsoll, electro hydraulic driven
Braking capacity 100 / 120 T

Aft Towing Winch:
Plimsoll, electro hydraulic driven
Braking capacity 100 / 120 T

Navigational & Communication Equipment
Echo Sounder, EPIRB, GMDSS Radar Transponder,
GMDSS VHF Radio, Magnetic Compass, GPS
Navigator, Marine Radar, Navtex Receiver, SSB,
VHF Radio

Fire-Fighting System
Engine driven Nijhuis model HGT1- 250.500 pump
2 x SKUM fire monitor (600 m³/hr each)
1 set Foam Mixing fitting
Self drenching system / water curtain system

Others
Oil Pollution Fighting System

Accommodation
10 persons

Builder
Keppel Singmarine Pte. Ltd.

This vessel specification is given in good faith and assumed to be correct. December 2010



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