

KST SUNRISE



Type : **PUSHER HARBOUR TUG**

Year Built : 2007

Port of Registry : Singapore

Class
Lloyd's Register of Shipping
✳ 100 A1 Tug ✳ LMC
(Fire Fighting Capability)

Dimensions
Length Overall : 27.90 m
Breadth Moulded : 9.00 m
Draft Design : 3.80 m
Depth Moulded : 4.70 m

Tonnage
Net Tonnage : 73 Tonnes
Gross Tonnage : 246 Tonnes

Speed : 12 Knots

Bollard Pull : 45 Tonnes

Capacity
Fuel oil : 110m³
Fresh water : 30m³
Foam : 5.5m³
Dispersant : 5.5m³

Main Engine
Niigata 6L22HX
2 x 1800bhp at 1,000 rpm

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

Generator
Cummins 6CT8.3 D(M)
2 x 95 kW, 380V, 3pH, 50Hz

Deck Machinery
Anchor winch / windlass:
Plimsoll, electro hydraulic driven
Braking capacity 110 T

Aft Towing Hook: SWL 45T

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

Fire Fighting System
- Engine driven Nijhuis model HGT1-250.500
pump. Capacity 1,400 m³/hr
- Gearbox with clutch Kumera : 2FGEC-2280
- 2 x SKUM fire monitor (600 m³/hr each)
Throw Length: 100m
Throw Height: 45m
- One set Foam Mixing fitting
- Self drenching system: Main Deck
Deck House
Wheel House

Others
Oil Pollution Fighting System.

Accommodation
10 persons

Builder
Keppel Nantong Shipyar

This vessel specification is given in good faith and assumed to be correct as at 19 March 2014



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GENERAL ARRANGEMENT

TUG NAME: KST SUNRISE

