

PW Tangkas



3,600 BHP ASD Tug / HARBOUR TUG

CLASSIFICATION AND REGISTRATION

Year Built	2014
Flag	Singapore
Call Sign	9V2435
Official Number	399014
IMO Number	9731078
Location Built	China
Classification	Bureau Veritas
Class Notation	BV Class I, Hull, Mach tug

DIMENSIONS

Length O.A	29.0 m
Breadth Moulded	10.50 m
Depth Moulded	4.96 m
Draft (Operations)	3.90 m (Approx)

TONNAGE

Gross Tonnage	357 T (Approx)
Net Tonnage	105 T (Approx)
Displacement	638.448 T
Lightship	430.40 MT

PERFORMANCE DATA

Bollard Pull	45 Tonnes (Approx)
Speed	11.5 knots (Approx)

TANK CAPACITIES

Fuel Oil	abt 160 m ³
Fresh Water	abt 30 m ³
Foam Tank	abt 7.0 m ³
Dispersant Tank	abt 7.0 m ³

MAIN MACHINERIES

Main Engines	2 x NIIGATA 6L25HX
Total BHP	2 x 1323 KW @ 750 RPM
Propulsion	2 x Niigata ZP-21 Azimuth fixed pitch Z-drive propellers
Generators	2 x Volvo Penta @ 108kw

DECK EQUIPMENT

Fwd Towing winch	5T @ 20m/min @ first layer
Brake Holding	100T @ first layer
Drum Capacity	1 x 12" Circ x 200 m working towing rope
Towing Hook	50T with remote pneumatic release
Deck Crane	1 x 500kg SWL@9.4m Outreach

EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT

Fire Pump	1400 m ³ /hr @130 m head
Fire Monitors	2 x 600m ³ /hr fire monitors remote control
Oily Water Separator	0.5 m ³ /hr
Dispersant System	1 x dispersant pump c/w 2 off centre veejet nozzle

NAVIGATION & COMMUNICATION EQUIPMENT (A1 + A2 +A3)

Radar	1 x Furuno FAR-2117
GPS Navigator	1 x Furuno GP-150
Inmarsat C	2 x Furuno Felcom-18
MF/HF	1 x Furuno FS-1575
AIS	1 x Furuno FA-150
Speed Log	1 x Furuno DS-80
Echo Sounder	1 x Furuno FE 700
VHF Radio Telephone	2 x Furuno FM-8900S
Navtex Receiver	1 x Furuno NX-700
Sat Compass (THD)	1 x Furuno Sc-50
BNWS	1 x Furuno BR-500
Wind Monitor	1 x Young model 06206
EPIRB	1 x McMurdo E5

ACCOMMODATION

Complement	10 men (air conditioned)
Cabins Total	2 no. 4-men cabins and 2 no. 1-man Cabins