

## HARBOUR TUG



### VESSEL CAPABILITIES

#### HARBOUR TOWAGE



#### STATION KEEPING



# POSH HARDY

## Vessel Information

POSH Hardy is a 5,000 BHP ASD Harbour Tug that delivers 73 tonnes bollard pull (TBP) and is purpose-built for safe and efficient harbour towage operations. Equipped with Azimuth Stern Drive (ASD) propulsion, it excels at ship berthing, unberthing, and manoeuvring large vessels within confined port waters.

- Length 31.62m X Beam 12m
- Accommodation up to 10 Persons
- 73 TBP
- Designed for reliable harbour towage, vessel berthing, and manoeuvring in confined port waters.

PRINCIPAL PARTICULARS	
YEAR BUILT	2017
FLAG	Singapore
CALL SIGN	9V3877
BUILDERS	PaxOcean Engineering Pte Ltd, Zhuhai, China
OFFICIAL NO	400532
CLASSIFICATION (BV)	✕HULL, ✕MACH,tug Fire fighting ship 1 -water spraying Unrestricted navigation

CRANE & DECK EQUIPMENT	
FORWARD TOWING WINCH	60T @0-6m/min
FORWARD BREAK HOLDING CAPACITY	180T @ 1 <sup>st</sup> layer of rope of the drum
TOW DRUM CAPACITY	2 x 220m x 60mm Ø Polypropylene rope
AFT TOWING WINCH	70T
AFT BREAK HOLDING CAPACITY	140T @ 1 <sup>st</sup> layer of rope of the drum
AFT TOW DRUM CAPACITY	1 x 1000m x 52mm Ø Steel wire, 1 x 400m synthetic line
TOWING HOOK	70T with hydraulic operation
DECK CRANE	0.5T SWL @ 8.6m outreach

NAVIGATION & COMMUNICATION EQUIPMENT (A1+A2+A3)	
RADAR	1 x Xband Simrad Argus 12U/6XP
DGPS NAVIGATOR	1 x Simrad MX610
INMARSAT C	2 x Thrane & Thrane Sailor 6110
MF/HF	1 x Sailor 6310, 150w
AIS	1 x Simrad V5035
SPEED LOG	1 x John Liley 7070MK2F
ECHO SOUNDER	1 x JMC F-2000
VHF RADIO TELEPHONE	2 x Thrane & Thrane Sailor 6222
NAVTEX RECEIVER	1 x JMC NT1800 c/w printer
WIND ARENOMETER	1 x Simrad IS20
MAGNETIC COMPASS	1 x Liley & Gillie MK2000S
EPIRB	1 x Sailor SE406-II
GPS COMPASS	1 x Simrad GN 70
BNWAS	1 x Navgard
SART	1 x Sailor SART II

DIMENSIONS & TONNAGE	
LENGTH OVERALL (LOA)	31.62m
BEAM OVERALL (BOA)	12m
DEPTH MOULDED	5.2m
DRAFT (OPERATIONS)	4.3m
DISPLACEMENT	927.8T @ 4.3m
GROSS TONNAGE	488T
NET TONNAGE	146T
DWT 4.3m DRAFT	274.5T @ 4.3m

CAPACITIES	
FUEL OIL	251m <sup>3</sup>
POTABLE WATER	42m <sup>3</sup>
FOAM TANK	10m <sup>3</sup>
DISPERSANT TANK	10m <sup>3</sup>

LSA/FFA EQUIPMENT	
FIRE PUMP	1 x 2800m <sup>3</sup> /hr
FIRE MONITORS	2x 1200m <sup>3</sup> /hr fire monitors, remote control
OILY WATER SEPERATOR	0.5m <sup>3</sup> /hr
DISPERSANT SYSTEM	1 x dispersant pump c/w 2 nozzle

MAIN PROPULSION & MACHINERY	
MAIN ENGINES	2 x NIIGATA 6L28HX
TOTAL BHP	2 x 1,838KW @ 750 RPM
PROPULSION	2 x Z-Peller-ZP41, Azimuth fixed pitch Z-drive propellers
GENERATORS	2 x 220kW e
HARBOUR GENSET	1 x 62kW

BOLLARD PULL & SPEED	
BOLLARD PULL	73T
MAXIMUM SPEED MINIMUM DRAFT	13 Knots

ACCOMMODATION	
BERTH TOTAL	10
CABIN CONFIGURATIONS	6 Singles, 2 Doubles