

# POSH RAPTOR

## 8,000 BHP / 105.8 TBP / DP2 / AHTS



Class Notation ABS +A1(E) Offshore Support Vessel, Towing Vessel, FiFi I, +AMS+ DPS-2, ACCU, UWILD

### Principal Particulars

Flag	Singapore
Year Built	2016
Place Built	Pax ocean Engineering Zhuhai Co., China
Design Draft	4.50 m
Max Summer Draft	5.90 m
Gross Tonnage	2,530.0 T
Net Tonnage	892.0 T
Deadweight (Max Draft)	2,350.0 T @ 5.90 m draft
Displacement	4,860.0 T
IMO No.	9728045
Design	399557
Call Sign	9V2893

### Dimensions

Length Overall	70.33 m
Beam Overall	16.60 m
Depth Moulded	7.20 m

### Performance

Max Speed	13.50 kts
Economical Speed	10.00 kts

\* Subject to actual weather and operating conditions

### Cargo Deck

Deck Cargo Area	475.0 m <sup>2</sup> 36.0m
Deck Cargo Dimension	x 13.3m
Deck Cargo Capacity	900.0 T
Deck Strength	10.0 T/m <sup>2</sup>
Reefer Points	4 (2 x 440v, 2 x 230v)

### Capacities

Fuel Tank	1,146.8 m <sup>3</sup>
Fresh Water	427.5 m <sup>3</sup>
Drill Water *	666.3 m <sup>3</sup>
Ballast Water *	666.3 m <sup>3</sup>
Mud Tank *	393.8 m <sup>3</sup>
Brine Tank *	700.3 m <sup>3</sup>
Dry Bulk Tank	244.8 m <sup>3</sup> (in 4 tanks)

\* Indicates tanks with shared capacity

### Discharging Rates

Drill Water/Pump	1 x 100 m <sup>3</sup> /hr@100 m head
Fresh Water/Pump	1 x 100 m <sup>3</sup> /hr@100 m head
Fuel/Pump	1 x 100 m <sup>3</sup> /hr@100 m head
Brine/Pump	1 x 100 m <sup>3</sup> /hr@204 m head
Liquid mud/Pump	1 x 100 m <sup>3</sup> /hr@204 m head
Dry Bulk Tank	1 x 52 m <sup>3</sup> /h@30 m head

### Accommodation

1 – Berth Cabins	6
2 – Berth Cabins	8
4 – Berth Cabins	2
Total (POB)	30

### Main Engines &

Main Engines	MAK 2 x 4,023 BHP
Shaft Generators	Leroy 2 x 1,200 kW each
Diesel Generators	CAT 2 x 425 kW @ 3 x 440V 60Hz
Emergency Generators	Volvo Penta 1 x 265 kW

### Thrusters & Propulsion

Bow Thruster	Kawasaki 2 x Tunnel Thruster @ 515 kW
Stern Thruster	Kawasaki 1 x Tunnel Thruster @ 400 kW
Propellers	BERG 2 x CCP Propellers in fixed nozzles
Rudders	KOBELT 2 x independent high lift type

### Deck Crane

Fixed Crane	SWL 5.0 T @ 18.0 m radius
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### Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	Smatco 1 x double drum waterfall, low pressure
Stall Pull Capacity	320.0 T
Brake Holding Capacity	350.0 T
Tow Drum Capacity	1,500.0 m x 64.0 mm dia wire
Anchor Handling Capacity	1,500.0 m x 64.0 mm dia wire
Secondary Winch Capacity	NIL
Storage Reel Capacity	1,500.0 m x 56.0 mm dia wire
Tugger Winch	Hattapa 2 x 10.0 T each
Capstan	2 x 5.0 T each
Shark Jaws	1 x Triplex H-200 (SWL 200.0 T)
Tow Pins	1 x Triplex S-115 (SWL 115.0 T)
Stern Roller	6.0 m x 2.0 m dia (SWL 300.0 T)
Gypsies	2 x 64.0 m
Chain Locker	2 x 86.5 m <sup>3</sup>

### Tow/Anchor Handling

Main Tow Wire	1,500.0 m x 56.0 mm dia wire
Spare Tow Wire	1,500.0 m x 56.0 mm dia wire
Anchor Handling Wire	1,500.0 m x 56.0 mm dia wire

### Mooring Equipment

Anchor	2 x HY-14 SB HHP Anchors each 2,200 kg
Anchor Chain	467.5 m x 38 mm dia
Anchor Windlass	6.0 T @ 14.0 m/min

### Dynamic Positioning

DP Class	DP 2, Kongsberg K-POS DP21
References	2 x DGPS + 1 x Cyscan

### Fire Fighting and Rescue

Firefighting System	FiFi 1
FiFi Pump	2 x 1,650 m <sup>3</sup> /hr
FiFi Monitors	2 x 1,200 m <sup>3</sup> /hr
Spray Booms	2 x 6 m
Dispersant Capacity	10.6 m <sup>3</sup>
Foam Capacity	NIL
Rescue Boat	1 x 6 man/rigid/160 hp
Life Rafts	6 x 25 man
Life Buoys	8
Life Jackets	37

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