Design highlights

- Designed to operate in open waters or alongside fixed offshore platforms up to a maximum of 75m water depth.
- Target operating areas such as offshore China, Middle East, Asia, Gulf of Mexico and other areas with similar environmental criteria.
- Capable to support various offshore operation including maintenance, repairs, upgrades, removal of offshore rigs and oil well intervention activities (optional).
- Offshore accommodation for 250 men.
- Heavy lifting capability of 200 MT.
- Self-propelled with DPS-2 capability.
- 4-point mooring ready.

SPECIFICATION IN BRIEF

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length over all</td>
<td>70.50 m</td>
</tr>
<tr>
<td>Width</td>
<td>40.00 m</td>
</tr>
<tr>
<td>Cargo deck area</td>
<td>1200 m²</td>
</tr>
<tr>
<td>Number of legs</td>
<td>4 x tubular type</td>
</tr>
<tr>
<td>Max. elevated variable load</td>
<td>1600 t</td>
</tr>
<tr>
<td>Max. operating water depth</td>
<td>75 m</td>
</tr>
<tr>
<td>Speed</td>
<td>6 knots @ 3.7 m draft</td>
</tr>
</tbody>
</table>
**TECHNICAL SPECIFICATION**

**MAIN DIMENSIONS**
- Length overall: 70.52 m
- Length main hull: 67.90 m
- Width: 40.00 m
- Depth of hull: 7.25 m
- Loadline draft: 4.25 m
- Hull draft (shallow water): 3.70 m
- Self-elevating gear units: 72 pinions
- Normal jacking capability: 115 mt/pinion
- Preload jacking capacity: 200 mt/pinion
- Preload holding capacity: 230 mt/pinion
- Storm holding capacity: 230 mt/pinion
- Jacking speed: 1.2 m/m
- Leg length: 108.00 m
- Max. operating water depth: 75 m
- Depth of spudcans: 13 m x 7.80 m
- Longitudinal leg centres: 36.00 m
- Transverse leg centres: 32.00 m
- Clear cargo deck area: 1,200 m²
- Deck strength: 7.5t/m²

**CAPACITIES**
- Fresh water/potable water: 900 m³
- Fuel oil: 570 m³

**CLASS NOTATION**
- ABS +A1, Self-elevating Unit (WI-Ready), +AMS, +APS, +DPS-2, ACCOMMODATION SERVICE, MLC-ACCOM, +ACCU, CRC.

**ACCOMMODATION**
The vessel has accommodation for 250 men - 3 x 1 state cabins
13 x 1-man cabins
13 x 2-man cabins
52 x 4-man cabins

**DECK MACHINERY**
- Deck crane: 200t @ 12m outreach
- Auxiliary crane: 30t @ 30m outreach
- Heli pad
- Sikorsky S-92
- Tugger winch: 10t @ 15 m/m

**MACHINERY & PROPULSION**
- Diesel generator: 4x1600 ekW/690v/50 Hz
- Emergency generator: 450 ekW/415v/50 Hz
- Fwd tunnel thruster: 600 kW CPP
- Fwd retractable thruster: 600 kW FPP
- Azimuth thruster: 2x1200 kW @ 2.6m dia. FPP

**REFERENCES**
- Shipyard: a well known Chinese yard
- Ship owner: Trinity Offshore

wartsila.com/shipdesign    shipdesign@wartsila.com

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