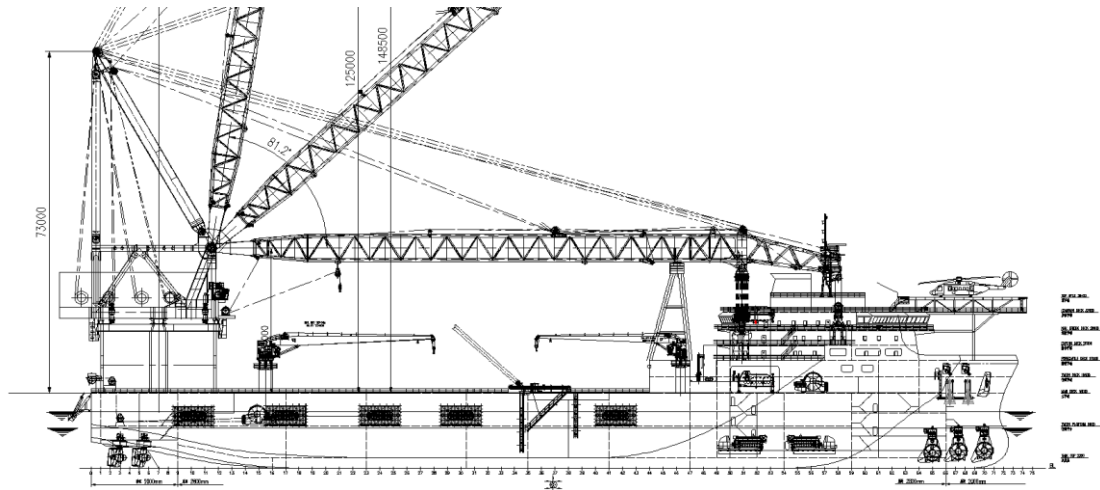


BUILT 2024 | DP2 | 100 POB | 5000T FULL-SLEWING CRANE VESSEL



Ship Introduction

The vessel is a self-propelled full-slewing crane ship equipped with *Kongsberg Maritime AS DP2 class* dynamic positioning system, the hull is single, with a SPS living quarters accommodating 100 POB and helicopter platform at the bow while a 5000t SWL heavy-lift crane is located at the stern with full 360° slewing capabilities. The vessel is equipped with automatic 8-point anchor positioning and anti-roll ballast systems. During offshore operations, the dynamic positioning or anchor positioning modes can be selected from the bridge according to the operation requirements. The vessel is fully SOLAS certified for unlimited navigation and can operate globally under harsh environmental conditions. This vessel meets Tier III emission requirements and is mainly used for offshore wind power foundation construction/ installations (including jacket), booster station and large-scale offshore steel structures/ modules installation, decommissioning and complex heavy-lift offshore scopes of work. The vessel has a significant lifting capacity also makes it suitable for other applications such as construction of cross-strait steel bridges, and even salvage of large sunken vessels.

Principal Dimensions

L. O. A	~195.00 m
L. W. L.	~189.00 m
Breadth	49.80 m
Depth	16.00 m
Design draft	9.00 m
Operation draft	12.00 m
Complement	100 P
Speed	~10.00 kn
Eudurance	60 d
Deck load	15 t/m ²

Class notation

★CSA Floating Crane;Lifting appliance;Ice Class B;PSPC(B);

In-Water Survey; SPS; Helicopter Facilities

★CSM AUT-0;DP-2(CB);Electrical Propulsion System G-EP (AFS, GPR,GPR(EU)); G-ECO(BWM(T)); NEC(SCRS)

FLAG

Singapore. Owners will consider any Flag Change.

Generator units

Main G/E	3850kW×6
Harbour G/E	800kW×2
Emergency G/E	600kW×1

Main crane

Main hook	3500t×1+2500t×1
Main hook weight/height/radius(on board)	5000t/125m/40m
Slewing weight/radius	3500t/40m
Auxiliary hook	1200t×1
Auxiliary hook height/radius(on board)	148m/64m

Capacity

Fresh water	1500 m ³
Potable water	800 m ³
Fuel oil	4500 m ³

Positioning anchor system

Positioning winch	1200kN×8
Anchor:Delta	18000kg×8

Wind resistance anchor system

Anchor winch	1000kN×2
Anchor chain	DN127 (AM3) 467.5×2
Anchor:AC-14	25000kg×2

Thrusters

Main thruster Azimuthing	3000kW×3
Bow thruster	3000kW×3

Ohters

Voltage	AC6600/AC400/220V 50Hz
Anti-roll pump	1600m ³ ×10