



Blue Tern – *a versatile vessel for installation work and O&M campaigns*

Blue Tern is the ideal choice for everything from operations, maintenance, and decommissioning to transition pieces, secondary steel and pin pile works — even in the most challenging conditions

Blue Tern Key Specifications

65 m

Water depth

800 t

Crane capacity

138

People on board

3,750 m²

Deck area

Blue Tern Full Specifications

Main Crane:

Type: Liebherr BOS 45000, 3 blocks,
Main hook: 800t 35m radius/200

Draft:

Min draft (light) [m]: 5.20
Draft at max variable load [m]: 5.8

Deck Cranes:

1 Liebherr BOS 4200-50, 50t, 42m port side mid ship
1 Sormec Telescopic crane, 10t @ 10m – 2.5 t @ 30m

Accommodation:

Total complement: 138

Legs and Spudcans:

Number & type: 4 x triangular open truss
Diameter [m]: 11.89
Length [m]: 106
Max leg length below ship baseline [m]: 88
Spudcan area [m²]: 110,8

Cargo capacity:

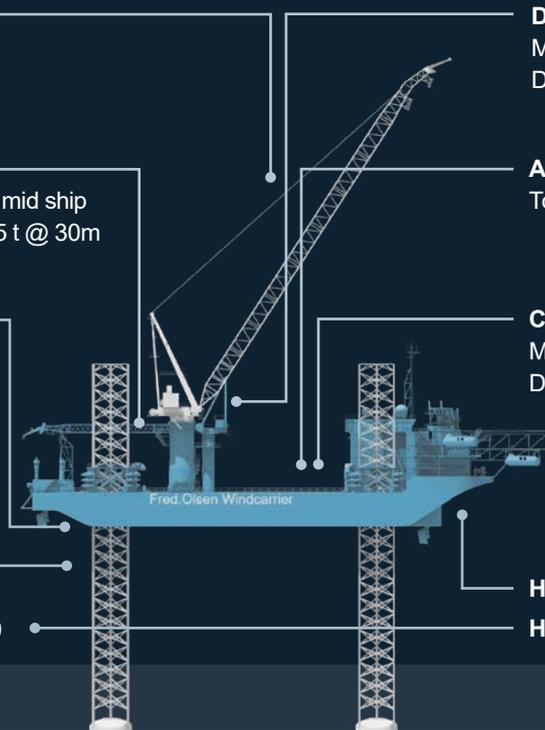
Max variable load [t]: 8,750
Deck area [m²]: 3,750

Jacking system:

Electric rack & pinion
Effective jacking capacity per leg [t]: 6,120

Hull breadth mid [m]: 50

Hull length o.a [m]: 151



Component exchanges and O&M campaigns

As a DP2 self-propelled jack-up vessel, Blue Tern offers great stability and precise positioning during offshore campaigns, even in harsh sea conditions. Its 800 tonnes Liebherr crane enables safe and efficient lifting of large turbine components like blades and gearboxes, while the spacious, flexible deck layout supports the transport and handling of spare parts and tools. With accommodation for up to 144 persons, its well-equipped for extended campaigns with full technical teams on-board.

Streamlined TP and secondary steel installation

With a 3,750 m² deck area and high uniform deck loading capacity of 8,750 tonnes, Blue Tern is capable of higher intake of transition pieces and secondary steel components. The vessel is capable of transporting and installing up to seven of the largest TPs per trip, subject to detailed engineering.

Power and precision in pin pile installation

Blue Tern's main crane, with a safe working load of up to 800 tonnes at a 30-meter radius, is perfectly suited for lifting and installing heavy pin piles and associated equipment like subsea installation frames.

Its four triangular open truss legs and robust jacking system allow it to operate in water depths up to 65 meters, providing a stable and secure platform for precise pile installation, even in demanding offshore environments.

Blue Tern O&M track record

Area of Operation	Scope of work	Year
Baltic Sea / North Sea	Nacelle and blade maintenance	2025
North Sea	Nacelle and blade maintenance	2025
Baltic Sea	Nacelle maintenance	2024
North Sea	Pin pile installation	2023
North Sea	Pin pile installation	2022
North Sea	Nacelle maintenance	2021
North Sea	Nacelle maintenance	2020
North Sea	Nacelle maintenance	2020
North Sea	Nacelle maintenance	2020
North Sea	Blade maintenance	2020
North Sea	Blade maintenance	2020
North Sea	Blade maintenance	2020
North Sea	Blade maintenance	2019

With our versatile and competitive fleet, we have installed nearly *20% of all operating turbines worldwide*. Our extensive experience enables us to deliver your projects with maximum efficiency and high performance at every stage of the offshore wind farm lifecycle – from installation, maintenance to decommissioning.

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