

TECHNICAL SPECIFICATIONS

Windfarm Installation Vessel (WIV)

Wind Keeper

PRINCIPAL DIMENSIONS

Length over all (incl. crane boom)	195.7 m
Breadth, moulded	53.0 m
Depth to main deck	11.0 m
Draught, design	6.73 m
Payload, jacking	> 11000 t
Max. Speed (laden)	8.2 kts

OPERATING CONDITIONS FOR JACKING

Service Restrictions when Jacking:

Leg Length	120,5 m
Leg length below hull	90 m
Footing Type	Spudcan

ACCOMMODATION

Cabins	80 Cabins (with ensuite bathrooms)
Recreation Facilities	Cafeteria, Recreation Rooms, Fitness Centre, TV Lounges
Offices	Operations Office, Conference Rooms, Multi-use Offices
Max. Capacity	120 People Onboard

CLASS

A1, Self Elevating Unit, AMS, ACCU, DPS-2, Wind IMR, CRC(I), BWT, HELIDK

FLAG

Marshall Islands

LEGS & JACKING SYSTEM

Number of legs	4 sets of open triangular truss type
Jacking System	Electric rack and pinion
Speed	0.5 - 0.8 m/min

MAIN CRANE

Main Hook SWL	2,200 t @ 24 m radius
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AUXILIARY CRANES

Two Aux Cranes

Hook Capacities	15 t @ 45 m 50 t @ 30 m / 5 t @ 43 m
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THRUSTERS

Fwd Thrusters	3 x 1660 Tunnel Thrusters 1 x 1600 Tunnel Thrusters
Aft Thrusters	3 x 3.500 KW Azimuth Thrusters

DYNAMIC POSITIONING SYSTEM

Type	DP2
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CARGO AREA

Main Deck Area	4,800 m ²
Deck Loading	15 t/m ²

HELICOPTER LANDING DECK

D-value (max.)	22 m
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