

# TECHNICAL SPECIFICATIONS

## Windfarm Installation Vessel (WIV) Wind Peak

### PRINCIPAL DIMENSIONS

Length overall ex. crane	162.0 m
Breadth	60.0 m
Transit Speed	11.0 kts

### OPERATING CONDITIONS - ELEVATED

Variable Load	> 17,600 t
Operating Water Depth	> 70 m

### ACCOMMODATION

130 persons

### POWER

Main power	21.6 MW Gensets
	5.4 MWh battery



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### CLASS/NOTATIONS

DNV  
1A Self-Elevating Wind Turbine Installation Unit, Crane Unit, Crane Offshore, Clean Design (Tier3), Battery (Power), DYNPOS (AUTR), E0, HELDK, COMF-MOU(3), Shore Power, SPS, NAUT(AW), Cyber Secure(-), Fuel Ready LFL (Ti-S-P-MEC)

### FLAG

Denmark

### TANK CAPACITIES

Marine gas oil	2,500 m <sup>3</sup>
Fresh water - potable	1,000 m <sup>3</sup>

### LEGS & JACKING SYSTEM

Number of legs	4 sets of triangular truss type
Jacking System	Floating Opposed Rack & Pinion
Leg Length	119.0 m
Speed	>1.2 m/min: Raising/Lowering Legs >0.8 m/min: Raising/Lowering Hull

### MAIN CRANES

Main Hoist	2,600 @ 46 m
Hook height above deck	180 m
Max. operating wind speed	20 m/s (1. min.)

### THRUSTERS

Type	Azimuth and tunnel thrusters
Power	4 x 4 MW Azimuth 2 x 2.2 MW Retractable 3 x 3.0 MW Tunnel thrusters

### DYNAMIC POSITIONING SYSTEM

Type	DP2
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### CARGO AREA

Main Deck Area	5,600 m <sup>2</sup>
Deck Loading	15 t / m <sup>2</sup>

### HELICOPTER LANDING DECK

D-value (max.)	22.8 m
Weight (max.)	15.6 t

Suitable for Sikorsky S92A, Sikorsky S61N and AgustaWestland