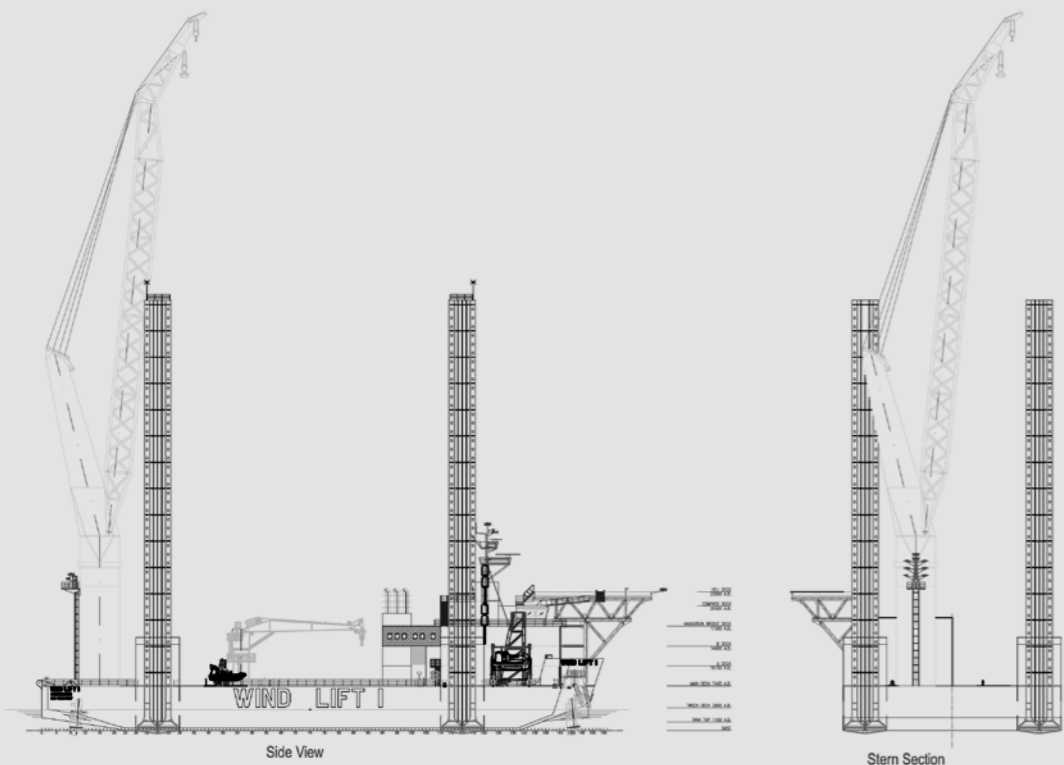
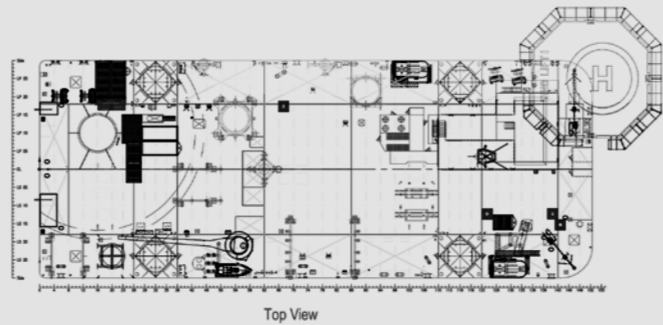


WINDLIFT –

Self-elevating crane vessel for offshore O & M and installation work.

This self-elevating crane vessel was designed for installation and O & M of offshore wind farms.

The vessel is powered by four thrusters and offers in addition to a heavy load crane of up to 500 to a special device, which allows exact positioning and hammering of up to 95 meters long foundation piles. With this crane we are able to lift loads up to 110 m above the water surface. It has a helicopter landing deck and offers accommodation for up to 50 persons.



**If wind farms are
your business, we
are the solution.**

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WINDLIFT –

Self-elevating crane vessel for
offshore O & M and installation work.



SPECIFICATION

GENERAL INFORMATION

Vessel type	Self elevating crane vessel (Special Purpose Ship)
Built	2010, Klaipeda, Lithuania
Flagstate	Germany
Class	DNV-GL + 100 A5 DP1 Self Elevating Unit MC AUT
IMO	9516686
Port of registry	Cuxhaven

PRINCIPALE DIMENSIONS

Length over all	114,87 m (incl. Heli Deck)
Breadth over all	44,76 m (incl. Heli Deck)
Draught	3,9 m
Dead weight	7.900 t
Net Tonnage	2.388 NT
Gross Tonnage	7.962 GT

MACHINERY & PROPULSION

Main engines	4 x 1665 kW (Wärtsilä 9L20)
Main Generators	4 x 1400 kW (SAM S50B20-047)
Emergency Generator	1 x 500 kW (MAN D 2842 LE 201)
Propulsion Thruster	4 x 1100 kW (HRP 7000)

SPEED

Transit	7,8 kn (2 Thruster)
Maximum	10,1 kn (4 Thruster)

CONSUMPTION (MGO)

Maximum	approx. 30 m ³ per day
Service	approx. 5 m ³ per day
Stand By	approx. 2 m ³ per day

SYSTEMS

DP 1 System	NMS6000 DP 01
Jacking System	4 Legs with jetting connection (Gusto HJS 2650)
Air Condition	Novenco, Denmark
Other Systems	Sewage plant acc. Marpol
Fresh Water Generator	2 x evaporator (Alfa Laval, 10 m ³ /d)
Sea Water Riser	2 x 450 m ³ /h @ 4,0 bar

CAPABILITIES

Fuel tanks	560,3 m ³
Oil tanks	17,8 m ³
Water tanks	2 x 188,98 m ³
Sewage tanks	309,4 m ³
Ballast tanks	3011,8 m ³
Bilge water tanks	19,8 m ³
Waste water tanks	56,3 m ³
Waste oil tank	7,9 m ³
Deck space	2224 m ²
Load capacity	2000 t
Payload	5 t pro m ²

LEGS

Length	74 m incl. spudcan
Footprint	45 m ²
Load per leg	5000 t

DECK EQUIPMENT

Main crane	1 x 500 t @ 31 m outreach
Auxiliary crane	1 x 12 t @ 20 m outreach
Heli Deck	1 x 19 m / 9,3 t, approved for Super Puma
Winches	4 x single drum 500 kN (Hatlapa)
Mooring	4 No DYNEEMA One w. 510 kN / 4 No w MBL 425 kN
Anchor	2 x anchor+1 auxiliary anchor
Power Main Deck	2 x Power cabinets 690 V/ 440 V/ 230 V, 60 Hz

LIVE SAVING APPLIANCES

For max. 50 persons on board:	
Life rafts (25 persons)	4 x VIKING
Life boats (50 persons)	2 x Fassmer GRP closed
Rescue Boat	1 x Fassmer FRR 6.1
Life- jackets	52 x
Immersion suits	52 x

ACCOMMODATION

All cabins are fully equipped with sanitary spaces,
Sat-TV and internet access.

Single cabins	10 x
Double cabins	20 x

PERSONEL

12 Crewmembers (acc. Safe Manning Certificate incl. 1 Cook)
3 Catering personal additional
35 Persons of charterer's choice

FENDER

4 x 2500 x 4000 Floating Foam Fender
5 x 1200 x 2000 Floating Foam Fender

COMMUNICATION

VHF-DSC	RT5022
VHF Portable	Axis 50 GmDSS
MF/HF DSC	System 5000 MF/HF
Inmarsat-F	Debeg 3270
Satcom	INMARSAT inc. GMDSS Mini C. TT-300

