

HEA Vantage



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A highly versatile vessel designed to support both oil & gas and wind energy projects. With a 300T crane and high variable load, Vantage is ideal for turbine maintenance and providing accommodation support at oil & gas platforms and offshore substations.

General Information

Type:	Self-Elevating Jack up Barge
Design:	Global Maritime GMJ-1000
Built:	2026
Builder:	CMHI (China)
Class & Notations:	ABS A1, Self-Elevating Unit, Crane Service, ©, AMS, ACCU, DPS-2, CRC, HELIDK, RW, UWILD
Flag:	Panama
IMO:	9887918

Principle Dimensions

Length overall LOA:	89.2m
Hull length:	74.4m
Hull breadth:	39.2m
Total beam (BOA):	39.2m
Hull depth:	7.5m
Draft:	4.5m
Variable load:	1000t - 3900t
Load capacity:	10t/m2
Main deck area:	1000 m2

Helideck

Type/ Diameter:	Aluminium / 22.2m
Capacity:	12.6 Tons
Helicopter type:	Sikorsky S61N-S92N / CAP 437

Legs and Spud cans

Number/Type:	4 / Triangular truss
Leg length:	92.5m
Spud can type:	Circular with tip
Spud can dimension:	7.9m dia.
Spud can bearing area:	50 m2
Spud can bearing pressure:	88 t/m2

Jacking System

Type:	Electric rack and Pinion
Maker:	TSC
Pinion per leg:	24/leg (Total 96)
Elevating speed:	0.8m/min
Normal jacking:	3336t/leg - 139t/pinion
Pre-load jacking:	5520t/leg - 230t/pinion
Normal holding:	6240t/leg - 260t/pinion
Static holding:	7440t/leg - 310t/pinion
Storm holding:	10080t/leg - 420t/pinion

Generators and Machinery

Main generator:	4 x CAT 3156C, 2350kW @1800 rpm
Emergency generator:	1 x Cummins KTA38-D (M1), 850 ekW
Water maker:	2 x 25m3/day, 1 x 75m3/day
STP:	250 POB

Cranes

Main crane

Maker/ Model:	Siebenhaar Offshore SBC300/15
Type:	Pedestal mounted at stern crane
Boom length:	52m
Capacities:	300t @ 8-15m - 32.5t @ 53.5m Aux 30t @ 60m - 2.5t (man riding)

Hooks above main deck:	Main hook: 61.4m Aux hook: approx. 60m
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Auxiliary crane

Maker/ Model:	Siebenhaar Offshore KBC025/18
Type:	Pedestal knuckle boom crane at SB
Capacity:	25t @ 3.75m - 18m

Safety Systems

Lifeboats:	4 x 65 POB, 1 x 90 POB
Life rafts:	26 x 25 Men
MOB/Fast rescue craft:	1 x 6 POB

Propulsion

AFT thrusters:	2 x 2200kW KST-220ZF/B (FPP)
FWD thrusters:	2 x 1310kW KT-157B5 (CPP)
Service speed:	8 knots

Tank Capacity

Fuel oil:	723 m3
Fresh water:	180 m3
Ballast water:	5816 m3
Grey water:	218 m3
Endurance:	60 Days

Operation Conditions

Criteria	Wind	Hs	Current
Field transit:	36.0 m/s	3.5m	-
DP:	10.3 m/s	2.0m	1.02 m/s
Jacking:	13.0 m/s	2.0m	1.02 m/s
Water depth:	50m		

Control Systems

DP System:	Kongsberg K-POS 21
Navigation and communication systems, according to IMO requirements.	

Accommodation and Facilities

Configuration:	Current	Northern Europe
1 Man cabins:	10 Cabins	12 Cabins
2 Men cabins:	20 Cabins	64 Cabins
2 Men in TLQs:	-	24 Cabins
4 Men cabins:	44 Cabins	-
4 Men in TLQs:	24 Cabins	-
Total POB:	322 POB	188 POB

Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, changing rooms, coffee rooms, sick bay, Helli reception/ departure facilities, laundry, stores, workshops, Startlink VSAT and DP-PRS