



DG JACK 14350 P

STANDARD

GENERAL

Design	In partnership with GustoMSC
Basic functions	Offshore Wind installation Oil & Gas drilling Oil & Gas well intervention / P&A Oil & Gas maintenance Accommodation
Classification	ABS ※ A1 Self Elevating Unit, ※ AMS, ※ ACCU, ※ CRC DNVGL: ※ 1A1 Self Elevating Unit, ※ E0, ※ CRANE-Offshore

DIMENSIONS

Length overall	152.5 m
Length on main deck	142 m
Beam moulded	50 m
Depth moulded	11 m
Draught	6.5 m
Leg length	109 m
Variable load	9600
Cargo deck area	4600 m ²
Deck load	10 t/m ²

TANK CAPACITIES

Fuel oil (service)	1300 m ³
Potable water (service)	600 m ³
Sewage	200 m ³

PERFORMANCES

Speed	11 kn
Designed for survival	
High number of jacking cycles	
Frequent jacking	

ELEVATED SURVIVAL CONDITIONS (ABS & SNAME)

Water depth SWL	50 m	65 m
Airgap	12.0 m	10 m
Max wave height	16.0 m	13.0 m
Wind speed	40 m/s	37 m
Surface current	1.0 m/s	1.0 m/s

JACKING SYSTEM

Type	GMSC fixed, opposed Rack & Pinion
Pre load	14000 t
Jacking speed (hull)	0.2 - 0.8 m/min (step less)
Leg handling speed	0.2 - 1.2 m/min (step less)

PROPULSION SYSTEM

Main engines	Diesel electric, 6.6 kV, 60 Hz
Propulsion Power	3x electric motors aft of 3500kW each 3x electric motors fwd of 3000kW each
Azimuthing thrusters	3x 3.5 m FP in Nozzle aft 2x 3.1 m FP retractable fwd
Tunnel bow thruster	1x 3.1 m FP 3000kW

AUXILIARY EQUIPMENT

Grid	6.6 kV, 690 V, 440 V, 230 V 60Hz
Main generator sets	6x 3400 kW
Emerg. generator sets	1000 kW

DECK LAY-OUT

Anchor mooring winch	HHP anchor
Main crane	Leg encircling Stiff lattice boom crane with foldable fly jib
Main hoist fly jib	1250 t at 33 m 148 m above deck
Main hoist main crane	2000 t at 35 m, 105 m above deck
Aux crane	30 t at 45 m
Store crane	
Fast rescue craft	
Life boats	2x 130 persons

ACCOMMODATION

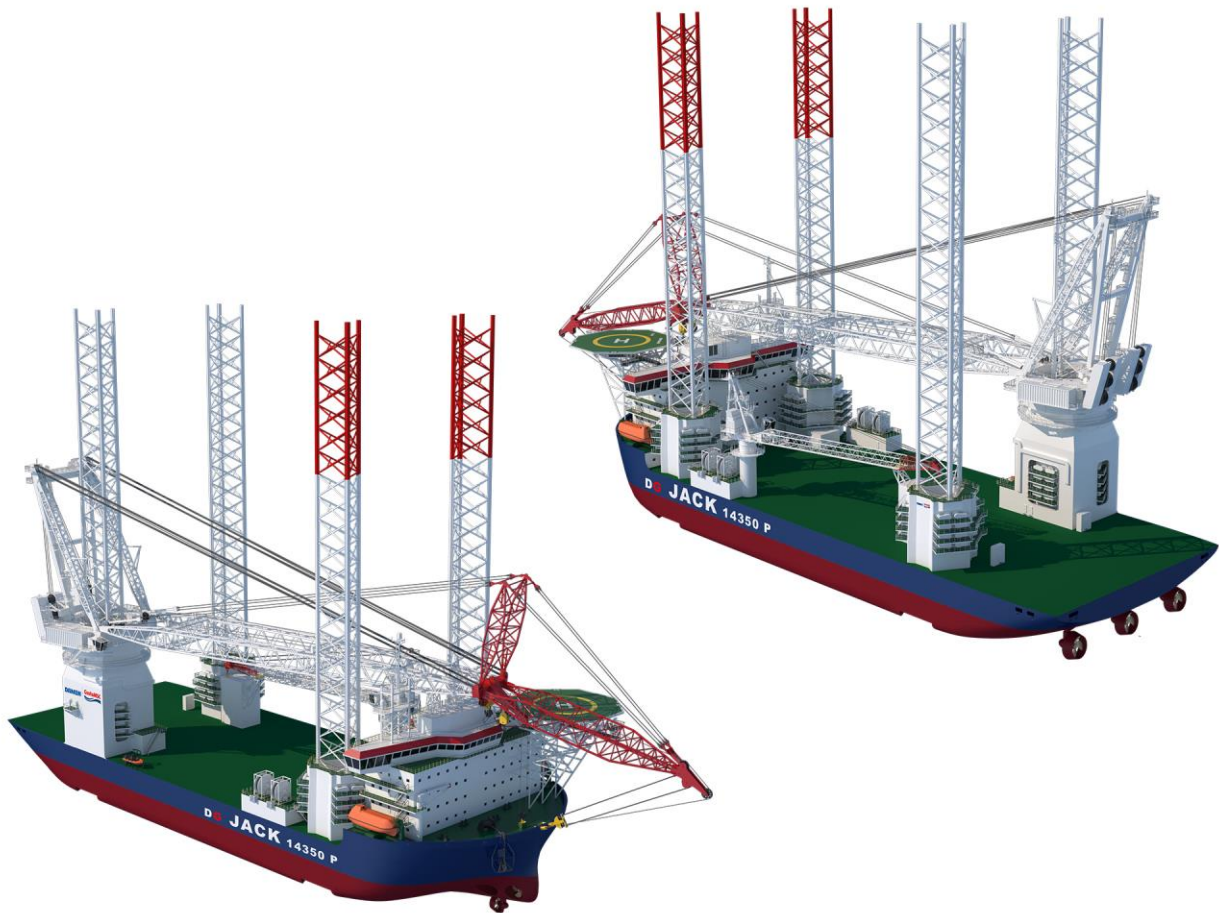
Crew / industry personnel	130 persons
Facilities	130 persons (Galley / mess, etc.)

NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems
DP systems
GMDSS

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DAMEN

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