



D/G JACK 8742 P

STANDARD

GENERAL

Design	In partnership with Gusto MSC
Basic functions	Offshore Wind maintenance 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 o.a.	115.00 m
Length b.p.p.	87.50 m
Beam mld.	42.00 m
Depth mld.	8.00 m
Draught	5.20 m
Leg length	85.00 m
Variable load	4450 t
Cargo deck area	2200 m ²
Deck load	10 t/m ²

TANK CAPACITIES

Ballast water	3450 m ³
Fuel oil (service)	1000 m ³
Potable water (service)	400 m ³
Sewage	250 m ³
Buffer tank	110 m ³
Deck scupper drain tanks	240 m ³
Brine	200 m ³

PERFORMANCES

Speed	9 kn
Designed for survival	
High nr. of jacking cycles	
Frequent jacking	

ELEVATED SURVIVAL CONDITIONS (ABS & SNAME)

Water depth SWL	55 m	69 m	79 m
Airgap	20 m	10 m	7 m
Max. wave height	18.5 m	13 m	7.5 m
Wind speed	40.0 m/s	35.0 m/s	32.5 m/s
Surface current	1.2 m/s	1.0 m/s	1.0 m/s

JACKING SYSTEM

Type	Rack & Pinion
Pre load	6200 t/leg
Jacking speed (hull)	0.8 m/min
Leg handling speed	1.6 m/min

PROPULSION SYSTEM

Main engines	Diesel-Electric, 690 V, 60 Hz
Propulsion power	4x Electric motors of 2200 kW each
Azimuthing thrusters	4x 2600 mm FP in nozzles, 2x fwd and 2x aft

AUXILIARY EQUIPMENT

Electric grid	690 V, 440 V and 230 V - 60 Hz
Main generator sets	4x 2350 ekW at 720 rpm 2x 1200 ekW at 1800 rpm
Emerg. generator set	800 ekW at 1800 rpm

DECK LAY-OUT

Anchor mooring winch	HHP anchor
Main crane	Stiff lattice boom 800 t at 25 m Jib length approx. 90 m
Auxiliary crane	12.5 t at 30 m
Fast rescue craft	
Life boats	2x 90 persons

ACCOMMODATION

Crew / industry personnel	90 persons
Facilities (galley, mess, etc.)	90 persons

NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems	
DP-system	
GMDSS	

OPTIONS

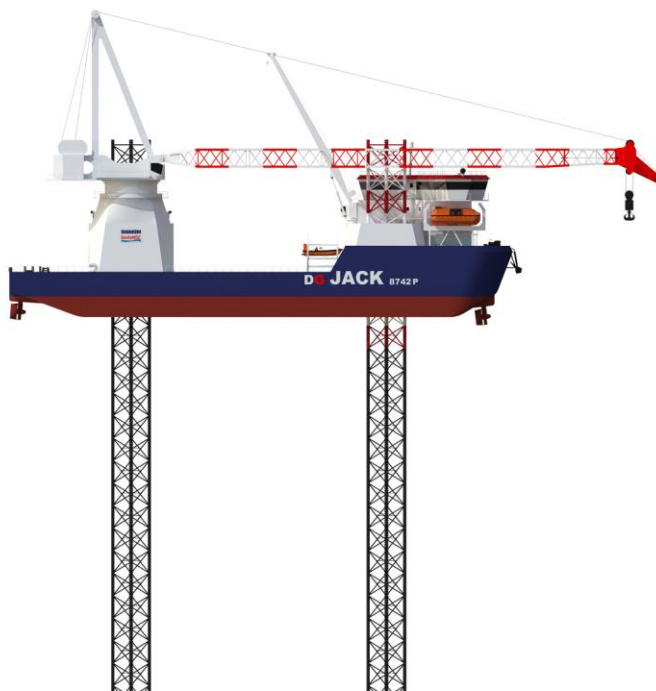
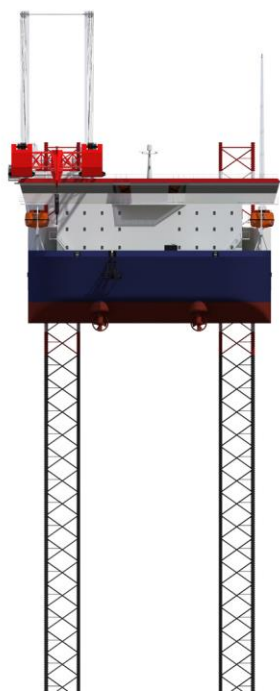
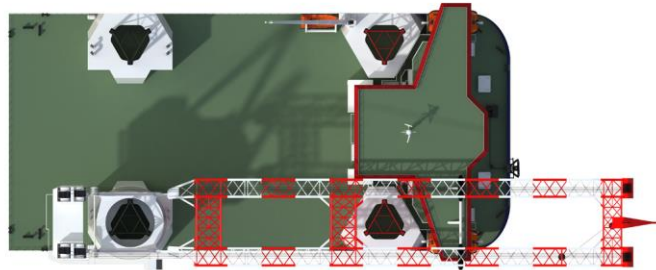
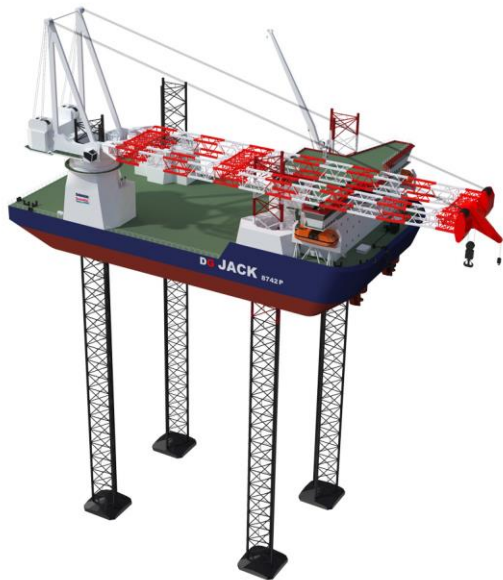
Helideck in compliance with CAP 437	Suitable for S92 D-22.2 m
Leg encircling crane	Stiff lattice boom 800 t at 16 m Jib length approx. 50 m
Extended accommodation	Suitable for up to 150 persons
Tubular leg configuration	For water depths up to 55 m
Propulsion installation	Various configurations
Dynamic positioning	DP-2
Gas detection/alarm syst.	LEL, SO ₂
Entertainment system	IP TV, V-SAT
Leg length	Max. 107 m

* depending on water depth and environmental conditions

DAMEN

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