

## DG JACK 7140 P

### GENERAL

Design	In partnership with GustoMSC
Basic functions	Offshore Wind maintenance Oil & Gas maintenance Accommodation
Classification	<b>ABS</b> *A1 Self Elevating Unit, *AMS, *ACCU <b>DNVGL</b> *1A1 Self Elevating Unit, *E0

### DIMENSIONS

Length o.a	76.00 m
Length b.p.p.	71.00 m
Beam mld.	40.00 m
Depth mld.	6.00 m
Draught summer (base)	4.40 m
Leg length	112.0 m
Variable load	2,000 t
Cargo deck area	1,600 m <sup>2</sup>
Deck load	6 t/m <sup>2</sup>

### TANK CAPACITIES

Ballast water	3,000 m <sup>3</sup>
Fuel oil (service)	425 m <sup>3</sup>
Potable water (service)	475 m <sup>3</sup>
Sewage	125 m <sup>3</sup>
Buffer tank	125 m <sup>3</sup>
Deck scupper drain tanks	240 m <sup>3</sup>

### PERFORMANCES (APPROX.)

Speed (at summer draught)	6 kn
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### ELEVATED PERFORMANCE (ABS)

	Mild survival	Harsh survival
Maximum water depth	81 m	62 m
Air gap	7 m	10 m
Maximum wave height	7.5 m	13 m
Associated wave period	8.5 s	10 s
Wind speed	32.5 m/s	35.0 m/s
Surface current	1.0 m/s	1.0 m/s

### JACKING SYSTEM

Type	Rack & Pinion
Pre load	3,500t / leg
Jacking speed (hull)	0.8 m/min

### PROPULSION SYSTEM

Main engines	Diesel-Electric, 690 V, 60Hz
Propulsion power	4x Electric motors of 1,800kW each
Azimuthing thrusters	4x 2,350mm 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 1,600 ekW at 1,800 rpm 2x 1,200 ekW at 1,800 rpm 480 ekW at 1,800 rpm
Emerg. generator set	

### DECK LAY-OUT

Anchor mooring winch	
Capstans	
Main crane	Stiff lattice boom 400 t at 20 m Jib length appr. 50m 12.5 t at 30 m
Auxiliary crane	
Fast rescue craft	
Life boats	2x 90 pers

### ACCOMMODATION

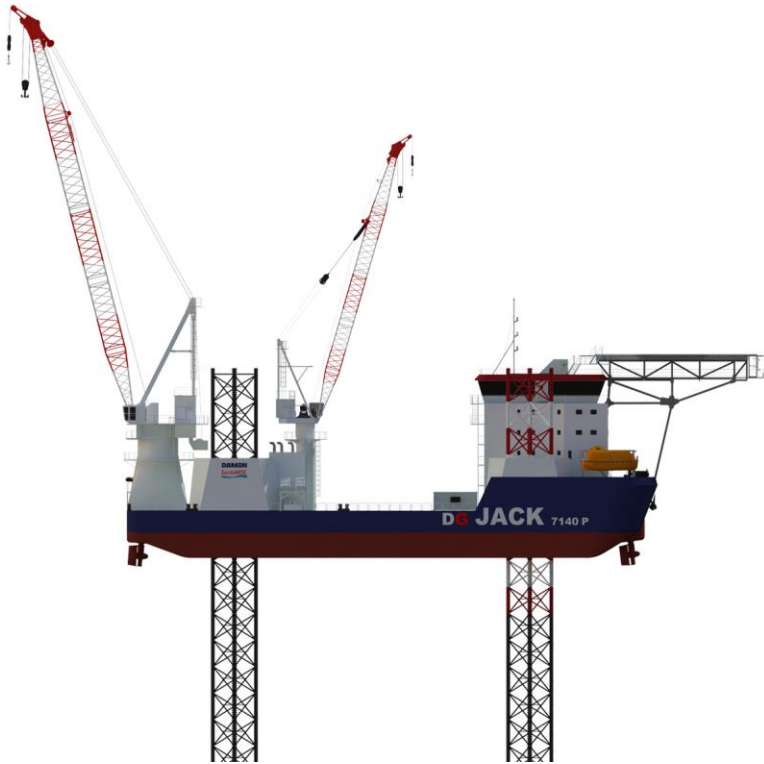
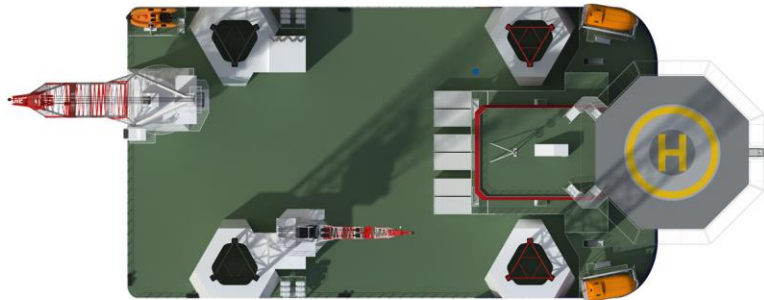
Crew / special personnel	95 persons
Facilities (Galley / Mess / etc.)	150 person

### NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems	
DP -system	
GMDSS	

### OPTIONS

Helideck	Suitable for S92 D-22m
Leg encircling crane	Stiff lattice boom 400 t at 20 m Jib length appr. 50m
Extended Accommodation unit	Suitable for up to 240 persons
Circular leg configuration	For water depths down to 45m
Class approved DP system	ABS: *DPS-2 DNV: DPS(2)
Entertainment system	IP TV, V-SAT
Gas sensing / alarm system	MODU code LEL, SO <sub>2</sub>



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# DAMEN

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