



# DG JACK 7140 P

## STANDARD

### GENERAL

Design	In partnership with Gusto MSC
Basic functions	Offshore Wind maintenance Oil & Gas maintenance Accommodation services
Classification	ABS: * A1 Self Elevating Unit, * AMS, * ACCU, * CRC DNVGL: * 1A1 Self Elevating Unit, * E0, * CRANE-Offshore

### 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	4.40 m
Leg length	92.00 m
Variable load	3000 t
Max. variable load elevated	4000 t*
Cargo deck area	1600 m <sup>2</sup>
Deck load	6 t/m <sup>2</sup>

### TANK CAPACITIES

Ballast water	1700 m <sup>3</sup>
Fuel oil (service)	490 m <sup>3</sup>
Potable water (service)	560 m <sup>3</sup>
Sewage	125 m <sup>3</sup>
Buffer tank	160 m <sup>3</sup>
Deck scupper drain tanks	240 m <sup>3</sup>
Brine	300 m <sup>3</sup>

### PERFORMANCES

Speed	8 kn
Designed for survival	
High nr. of jacking cycles	
Frequent jacking	

### ELEVATED SURVIVAL CONDITIONS (ABS & SNAME)

Water depth SWL	50 m	62 m	81 m
Airgap	20 m	10 m	7 m
Max. wave height	15.5 m	13 m	7.5 m
Wind speed	33.0 m/s	35.0 m/s	32.5 m/s
Surface current	1.0 m/s	1.0 m/s	1.0 m/s

### JACKING SYSTEM

Type	Rack & Pinion
Pre load	3750 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 1800 kW each
Azimuthing thrusters	4x 2300 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 2000 ekW at 1800 rpm
Emerg. generator set	480 ekW at 1800 rpm

### DECK LAY-OUT

Anchor mooring winch	HHP anchor
Main crane	Stiff lattice boom 300 t at 16 m Jib length approx. 50 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.)	150 persons

### NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems	
DP-system	
GMDSS	

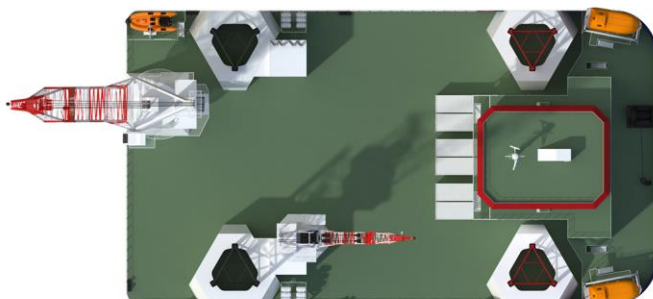
### OPTIONS

Helideck in compliance with CAP 437	Suitable for S92 D-22.2 m
Leg encircling crane	Stiff lattice boom 400 t at 20 m Jib length approx. 50 m
Extended accommodation	Suitable for up to 240 persons
Tubular leg configuration	For water depths up to 45 m
Propulsion installation	Various configurations
Dynamic positioning	DP-2
Leg length	Max. 112 m

\* depending on water depth and environmental conditions

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