



DG JACK 5632 P

STANDARD

GENERAL

Design	In partnership with Gusto MSC
Basic functions	Offshore Wind maintenance 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.	56.95 m
Length b.p.p.	56.00 m
Beam mld.	32.00 m
Depth mld.	5.50 m
Draught	3.60 m
Leg length	76.00 m
Variable load	1050 t
Max. variable load elevated	1650 t*
Cargo deck area	1000 m ²
Deck load	6 t/m ²

TANK CAPACITIES

Ballast water	450 m ³
Fuel oil (service)	320 m ³
Potable water (service)	360 m ³
Sewage	95 m ³
Buffer tank	125 m ³
Deck scupper drain tanks	150 m ³
Brine	240 m ³

PERFORMANCES

Speed	7 kn
Designed for survival	
High nr. of jacking cycles	
Frequent jacking	

ELEVATED SURVIVAL CONDITIONS (ABS & SNAME)

Water depth	55 m	30 m
Airgap	6 m	10.5 m
Max. wave height	7.5 m	13 m
Wind speed	32.5 m/s	35.0 m/s
Surface current	1.0 m/s	1.5 m/s

JACKING SYSTEM

Type	Rack & Pinion
Pre load	1,830 t/leg
Jacking speed (hull)	0.8 m/min
Leg handling speed	1.2 m/min

PROPULSION SYSTEM

Main engines	Diesel-Electric, 690 V, 60 Hz
Propulsion power	4x Electric motors of 850 kW each
Azimuthing thrusters	4x 1700 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 1100 ekW at 1800 rpm
Emerg. generator set	400 ekW at 1800 rpm

DECK LAY-OUT

Anchor mooring winch	HHP anchor 4 t
Main crane	Stiff lattice boom 160 t at 15 m Jib length approx. 50 m
Auxiliary crane	12.5 t at 30 m
Fast rescue craft	
Life boats	2x 60 persons

ACCOMMODATION

Crew / industry personnel	60 persons
Facilities	90 persons
(galley, mess, etc.)	

NAUTICAL AND COMMUNICATION EQUIPMENT

Radar systems	
DP-system	
GMDSS	

OPTIONS

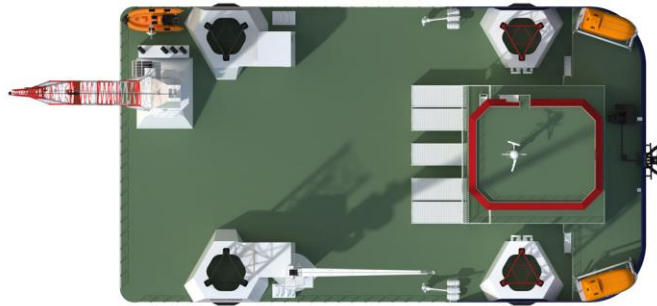
Helideck in compliance with CAP 437	Suitable for Super Puma AS332L2 D-19.5 m or for S92 D-22.2 m
Leg encircling crane	Stiff lattice boom 160 t at 15 m Jib length approx. 50 m
Extended accommodation	Suitable for up to 150 persons
Tubular leg configuration	For water depths up to 45 m
Propulsion installation	Various configurations
Dynamic positioning	DP-2

* depending on water depth and environmental conditions

DAMEN

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