



► SEAJACKS ZARATAN



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Designed specifically to support wind farm installation projects, Zaratan provides flexible, reliable and cost effective support to all aspects of offshore wind farm construction and substation commissioning. Zaratan can also support more challenging oil & gas maintenance and decommissioning activities.

▶ CLASSIFICATION AND RULES

Type: GustoMSC NG5500C
Built: 2012
Yard: Lamprell Energy Limited, Dubai
Class: ABS A1 Self-elevating Unit + AMS + ACCU + DPS 2, BWT, CRC, Helideck + Wind IMR, NS / MNS (SEWTIS) (DPS B), CHG, MPP, LSA, RCF, CAA, MO, AFS, BWM

Flag: Japan

▶ MANAGEMENT SYSTEMS

Seajacks has established robust management systems based upon the principles of the International Safety Management Code, The International Standard for Quality Management ISO 9001:2015, The International Standard for Environmental Management ISO 14001:2015, The International Standard for Occupational Health and Safety ISO 14001:2018 and The International Ship and Port Security Code. Zaratan has an accepted Safety Case in accordance with UK Offshore Installation (Safety Case) Regulations 2015

▶ MAIN DIMENSIONS

Hull

Length (waterline): 81m
Length (overall): 108.7m (including helideck)
Width overall: 41m
Hull depth: 7m
Draft: 4.5m load line to keel (5.3m incl. aft thrusters, 7.7m with fwd. thrusters deployed)

Main deck area: 2000m²
Main deck load capacity: 10t/m²

Helideck
Diameter: 22.2m diameter
Helicopter type: Sikorsky S92 (12.8t) or equivalent

Legs and Spudcans

Number/Type: 4/closed circular
Footing type: Spudcan with pin
Leg length: 85m
Leg length below hull: 65m

Jacking System

Type: MSC Postive Engagement
Drive: Hydraulic
Elevating speed: 0.4m/min
Pre-load capacity per leg: 5500t/leg
Maximum jacking load: 12800t

▶ CRANES

Main crane GustoMSC Leg encircling Crane: GLC-800-ED
Boom length: 92m
Capacities: 800t at 24m-main hoist (8 falls)
50t at 90m auxiliary hoist (2 falls)

Auxiliary crane 2 x Melcal electro hydraulic, port and starboard
Boom length: 30m
Capacities: 12.5t at 30.0m

▶ SAFETY SYSTEMS

Fire and gas detectors throughout the whole vessel in full compliance with MODU requirements

2 x 90 person capacity totally enclosed survival crafts located on port and starboard side (200% total complement)

1 x MOB/Fast Rescue Craft

▶ PROPULSION UNITS

Thrusters: 2 x 2000kW retractable - fwd
3 x 1500kW azimuthing - aft

Average

Service Speed: 8.8 knots with five thrusters
7.7 knots with three thrusters

Control Systems

Dynamic Positioning Control System (DPCS) according to ABS DPS2

Navigation and communication systems, according to IMO and DSI requirements

▶ ACCOMMODATION AND FACILITIES

Standard accommodation:
90 total POB in 54 cabins (sailing) or 57 cabins (jacked up)

Can be increased to 120 total POB with ALQs and survival craft exemption at 150% of capacity

Cabins equipped with en-suite shower/toilet, telephone, TV/DVD and network connections

Facilities

Galley, mess room, client offices, meeting room, recreation rooms, gymnasium, changing rooms, coffee rooms, sick bay, Heli reception/departure facilities, laundry, stores and workshops



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All details are correct at time of going to press. However vessel specification may differ from time to time due to project specific alterations. General arrangement and detailed specifications available upon request.