



► SEAJACKS HYDRA



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Delivered in 2014, Hydra has worked on a range of wind energy projects supporting substation commissioning, turbine commissioning and turbine maintenance work. Hydra is also designed to work in the oil & gas sector and has supported platform maintenance work. Hydra is a modern, flexible and efficient vessel equipped with a 400T crane.

▶ CLASSIFICATION AND RULES

Type: GustoMSC NG2500X
Built: 2014
Yard: Lamprell Energy Limited, Dubai
Class: ABS A1 Self-elevating Unit + AMS + ACCU + DPS 2, Self Propelled
Flag: Panama

▶ 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. Hydra has an accepted Safety Case in accordance with UK Offshore Installation (Safety Case) Regulations 2015

▶ MAIN DIMENSIONS

Hull
Length (waterline): 61m
Length (overall): 75m (including helideck)
Width overall: 36m
Hull depth: 6m
Draft: 3.99m load line to keel (7.01m incl. thrusters)
Main deck area: 900m²
Main deck load capacity: 5t/m²

Helideck

Diameter: 22.2 diameter
Helicopter Type: Sikorsky S92 (12.8t) or equivalent

Legs and Spudcans

Number/Type: 4/triangular truss
Footing type: Spudcan with pin
Leg length: 84.8m
Leg length below hull: 71.3m

Jacking System

Type: Rack and pinion
Drive: Electric
Elevating speed: 0.8m/min
Pre-load capacity per leg: 2750t/leg
Maximum Jacking load: 5900t

▶ CRANES

Main crane pedestal mounted at stern
Boom length: 73m
Capacities: 400t at 18.5m-main hoist (8 falls)

Auxiliary crane 1 x Noreq Acta AS electro hydraulic deck crane
Boom length: 30m
Capacities: 12.5t at 30m

▶ SAFETY SYSTEMS

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

2 x 100 person capacity totally enclosed survival crafts located on port and starboard side (200% total complement)

1 x MOB/Fast Rescue Craft

▶ PROPULSION UNITS

Thrusters: 4 x 1500kw azimuth thrusters

Average service speed: 7 knots

Control Systems

Dynamic Positioning Control System (DPCS) according to ABS DPS 2

Navigation and communication systems, according to IMO and DSI requirements

▶ ACCOMMODATION AND FACILITIES

Standard accommodation:
100 total POB in 51 cabins
Can be increased to 133 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, male and female 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.