



# ▶ 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 9001:2008, The International Standard for Environmental Management ISO 14001:2008, and The International Ship and Port Security Code.

## ▶ SAFETY CASE

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: 900m<sup>2</sup>  
Main deck load capacity: 5t/m<sup>2</sup>

## 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: 08m/min  
Pre-load capacity per leg: 2950t/leg  
Maximum Jacking load: 5900t/leg

## ▶ 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.