

JASCON 25

DP-3 PIPELAY / CRANE / CONSTRUCTION VESSEL



Jascon 25 was built according to the Sea Trucks Group's hybrid design philosophy and is the third vessel which has been delivered in the group's seven vessel new-build programme and the first of four major deepwater capable pipe-lay / construction vessels, each of which have DP3, large clear working decks, big cranes as well as large-scale offshore accommodation capacity.



The hybrid configuration of the vessel makes it suitable to execute a wide variety of marine construction and pipe-lay tasks in both the SURF and conventional pipe-lay and platform installation markets, both in deep-water and continental shelf environments.

- Length 118.80 m
- Breadth 30.40 m
- Total thrusters power 12,155 kW
- Class III DP system
- Clear deck area, approx: 800 – 1500 m²
- Modular S-lay pipelay system, 2 x 60 t tensioners, 55 m stinger
- 800 t Main crane, heave compensated, with underwater capability
- 1 Auxiliary deck crane, 34 t
- Accommodation for up to 355 persons

SPECIFICATIONS

GENERAL

- Classification: ABS, ✕ A1 Barge (E), ✕ PAS, ✕ DPS-3, CRC
- Flag: Gibraltar

DIMENSIONS

- Length, overall: 118.80 m
- Breadth: 30.40 m
- Depth: 8.40 m
- Operating draft: 5.00 m

MACHINERY

- Propulsion thruster system: direct diesel driven
- Generator sets: 4 x Caterpillar 3516B – 1825 kW each, 440V / 60 Hz
- Portable generator set: 1 x Cummins, 500 kVA

THRUSTERS

- Stern thrusters: 2 x FPP azimuth, 1800 kW each, direct diesel driven
 - Forward / Aft thrusters: 4 x FPP azimuth (retractable type), 1800 kW each, direct diesel driven
 - Bow thruster: 1 x electrically driven, 1355 kW
- All thrusters make Rolls Royce

MOORING SYSTEM

- Anchor windlasses: 2 x electric anchor windlasses with warping heads, chain and anchor

POSITIONING SYSTEM DPS-3

- Dynamic positioning system: Kongsberg Simrad SDP22 on aft working bridge with SDP12 control station at forward navigation bridge
- Reference systems:
 - 1 x Radius 1000
 - 2 x DGPS receivers
 - 3 x Gyro compass
 - 3 x Motion reference units
 - 3 x Wind sensors
 - 1 x Hipap 500
 - 1 x Lightweight Tautwire

PIPELAY EQUIPMENT (MODULAR)

- Concept: starboard mounted single joint S-lay system, make SAS, in dismountable Firing Line shelter
- Capacity: 4" – 48" diameter pipe (with coating 60")
- Tensioners: 2 x tensioner of 60 t each
- Workstations Firing Line: 3 welding stations, 1 NDE (X-ray or Ultrasonic) / repair station, 2 coating stations; all stations sheltered
- Davits (stored on board): 5 x with load cells, capacity 60 t each
- A & R system: A&R winch, 120 t
- Stinger: length 55 m, supported by A-frame

CRANES

- Main crane: Mast crane, 800 t @ 30 m, whiphoist 120 t @ 35 m underwater capacity 50 t @ 720 m + heave compensated, make Huisman-Itrec
- Auxiliary deck crane: Pedestal type, 34 t @ 20 m, 22 t @ 30 m, make TTS

ACCOMMODATION

- Fully air-conditioned permanent accommodation for up to 355 persons in cabins all with individual bathroom facilities. Including conference room, offices, cinema, gymnasium, recreation room, laundry as well as a medic room with hospital

HELIDECK

- Suitable for Sikorsky S-92A Helibus

ADDITIONAL DATA

- Clear deck area, approx: 800 - 1500 m², loading cap. 10 t / m²
- Firefighting equipment: 2 x main fire pumps at 600 m³ / hr each. On the helideck a fixed foam system with 3 monitors
- Sewage treatment: sewage treatment plant with nil overboard discharge
- Rescue boat: fast rescue boat with A-frame type Davit
- 14 x 25 persons liferafts
- 4 x lifeboats of 106 persons each

DELIVERED

- February 2009