

JASCON 34

DP-3 PIPELAY / CRANE / CONSTRUCTION VESSEL



Like its sister vessel, Jascon 25, Jascon 34 was built according to the Sea Trucks Group's hybrid design philosophy and is the fourth vessel which has been delivered in the group's seven vessel new-build programme and the second 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 thruster power 12,305 kW
- Class III DP system
- Clear deck area, approx: 800 – 1500 m²
- Modular S-lay pipelay system, 2 x 60 t tensioners, 57.5 m stinger
- 800 t Main crane, heave compensated, with underwater capability
- 1 Auxiliary deck crane 34 t
- Accommodation for up to 335 persons
- Moon pool 8.3 x 7.6 m close to amidships

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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 (optional)

THRUSTERS

- Stern thrusters: 2 x FPP azimuth, 1825 kW each, direct diesel driven
 - Forward / Aft thrusters: 4 x FPP azimuth (retractable type), 1825 kW each, direct diesel driven
 - Bow thruster: 1 x 1355 kW, electrically driven
- 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 KPos 21 on aft working bridge with KPos 12 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 57.5 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 335 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
- 4 x life boats 106 persons each
- 14 x 25 persons liferafts
- Moon pool 8.3 x 7.6 m close to amidships

DELIVERED

- April 2010