ANCHOR HANDLER

Maersk Maker

Maersk Maker is a DP2 deep water anchor handling tug supply vessel (AHTS) of SALT design. This state-of-the-art vessel is built for deep water anchor handling and oilfield operations with reliability, safety and minimized environmental footprint as a top priority. Powered by five medium speed engines with total output of more than 23,000 horsepower, a fuel efficient and flexible hybrid propulsion system and fixed pitch on all side thrusters, the vessel provides good fuel economy, low emissions and excellent station keeping capabilities (ERN 4 x 99). Also designed for high safe deck operations, the vessel is equipped with a multi deck handler system, anchor recovery frame, gypsy handling system and other aids.



Key features

- Dynamic position class 2 (ERN 99.99.99.99)
- Hybrid propulsion system to optimise fuel economy
- 260 t bollard pull
- 822 + 102 (covered) m² deck area
- 450 t drum anchor handling winch and 500 t double drum towing winches
- 2 x 170 t secondary winches
- 200 t Anchor Recovery Frame
- Multi deck handler
- Covered ROV garage, prepared for 1x WROV





Classification

ABS

A1, Offshore Support Vessel (AH, TOW, Supply, FFV 1, OSR-S1) ACCU, ENVIRO, SPS, Ice Class IA, IHM

DNV Clean design DNV Comf-V(2), Comf-C(3)

Dynamic positioning

DP2

Reference systems

2 x DGPS Kongsberg
1 x HiPAP Kongsberg
1 x Laser Kongsberg
1 x Radius Kongsberg
Motion reference units

2 x Gyrometer Sperry
1 x Motion sensor Kongsberg

3 x Wind sensor Gill

Deck Equipment

Anchor handling winch 1 x 450 t Tow winches 2 x 500 t Secondary winches 2 x 170 t Chain lockers $2 \times 286 \,\mathrm{m}^3 + 2 \times 322 \,\mathrm{m}^3$ Shark jaws 2 x 700 t Stern rollers 2 x 4.0 m x 3.0 m Stern roller SWL 2 x 625 t Towing pins 2 x 300 t **Tugger winches** 2x + 24t + 2x + 15t**ROV** Covered ROV garage, prepared for 1 x WROV FRC Seabear 23MKIII

Dimensions

Length (LOA)95 mBeam25 mDepth11 mDraft scantling8.7 mDeadweight4897 tGross tonnage10181

Deck capacities

Deck load capacity 2500 tDeck strength 10 t/m^2 Free deck area $822 + 102 \text{ (covered) m}^2$

Length 39.9 m Width 21 m

Propulsion / Bollard pull

Main engines

23000 BHP
2 x Wärtsilä W8L32
2 x Wärtsilä W6L32
1 x Wärtsilä W9L20

Thrusters

2 x CP main propellers
3 x bow tunnel 1580 BHP
2 x stern tunnel 1580 BHP

260 t

Accommodation

Bollard pull

Person capacity 52

Tank capacities

Base oil 1555 m³ Brine 1555 m³ Drill/ballast water 2260 m³ Dry bulk 347 m³ Fresh water 1011 m³ Fuel 290 m³ Cargo fuel 2325 m³ Oil based mud 620 m³ 1880 m³ Oil recovery Including multi-purpose tanks

*All figures and data believed to be correct, but not guaranteed

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