



The Toisa Paladin is a DP-2 DSV fitted with an 18 person dive system capable of providing Saturation diving to a depth of 300m.

She is also fitted with a AHC 140t crane and has accommodation for 100 people.

Design : MT 6016 L

DSV TOISA PALADIN



SHIP'S SPECIFICATIONS


LOA	103.7 metres
LBP	96.8 metres
BEAM	19.7 metres
DEPTH (MAIN DECK)	7.7 metres
DEPTH (SHELTER DECK)	10.4 metres
MAX DRAFT	6.2 metres
DEADWEIGHT	4,600 Tonnes
BUILT	December 2007
BUILDER	Kleven Verft, Norway (Hull No. 318)
DESIGN	MT 6016 L
TYPE	IRM Class Saturation DSV
FLAG	British
CLASS	DNV+1A1-EO-SF, Dynpos Autr, Clean, Comf-V(3), Ice C, Helideck-S, Supply Vessel (Hull), DK(+), DSV-Sat
GRT/NRT	4200 / 1200 (approx)
POT WATER CAPACITY	1,205 m ³
FUEL (MGO) CAPACITY	1,747 m ³


POT WATER DISCHARGE	2 x 150 m ³ /hr
FUEL DISCHARGE	2 x 150 m ³ /hr
CLEAR DECK	50 metres x 19.7 metres (max)
DECK AREA	About 900 mr ²
DECK LOAD	1,000 tonnes (crane in operation) 2,000 tonnes (crane not in operation)
POINT LOAD	10 tonnes per m ²
DECK TUGGERS	2 x 15 Tonnes
CAPSTANS	2 x 10 Tonnes
CRANES	Main Crane (Hydralift Knuckleboom) AHC <ul style="list-style-type: none"> • 140 tonnes @ 9 metres • 50 tonnes @ 21 metres • 30 tonnes @ 25 metres • 10 tonnes @ 26 metres Subsea 2,000 metre (single fall), 1,000 metre (double fall) Secondary Cranes (Knuckleboom) <ul style="list-style-type: none"> • 2 x 5 tonnes @ 15 metres
ACOMMODATION	24 x 1 berth cabins 32 x 2 berth cabins 3 x 4 berth cabins Total 100 beds (excluding Hospital and sat Divers)
MESS ROOM	55 Seats
RECREATION SPACES	2 recreations spaces
CHARTERERS SPACES	Project Office, Conference Room, Operations Office, Online Survey space, Offline Survey space, 2 x Charterers Offices, Sky Lobby, Gymnasium
DP SYSTEM	Simrad SDP 21 (IMO DP Class 2)
REF SYSTEMS	2 x DGPS, 1 x Hipap, 1 x Tautwire, 1 x Radius (optional)
MACHINERY	4 x Caterpillar 3516C (each 2,850 BHP) driving 4 x 2,100 Kw Alternators 1 x Caterpillar 1200 BHP driving 1 x 910 Kw Alternator

BOW THRUSTERS	1 x 1,200 BHP Retractable Azimuthing Thruster
STERN THRUSTERS	2 x 1,400 BHP Tunnel Thrusters 2 x 3,000 BHP Azipulls
DECK POWER WORKSHOPS	10 Breakers from 50-350 Kw 2 x Deck Workshops 2 x Engineers Workshops 1 x Electrical Workshop 2 x Divers Workshops
HELIDECK MOON POOL	Rated 10 tonne and 21 metre D-Value 1 of 3.6 metre x 3.9 metre diving bell moon-pool
LIFE BOATS SPEED	4 x 50 person covered lifeboats Maximum – Estimated 15.5 knots: Economical – Circa 10-11 knots
SATURATION DIVE SYSTEM	Inbuilt, 18 man, single bell, 300 metre, 3 chamber, 18 man hyperbaric lifeboat, 30 gas tubes

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