

VOLANTIS

VESSEL SPECIFICATION SHEET



MULTIPURPOSE OFFSHORE VESSEL

Volantis is a dynamically positioned multipurpose subsea construction vessel owned by Volstad Maritime and joined DeepOceans fleet in 2008. Designed for operation in severe weather conditions, the vessel demonstrates high station keeping capability whilst remaining fuel efficient. Volantis will shortly be upgraded with battery package and be a battery hybrid vessel.

The vessel has a 150 Te heave compensated subsea crane, capable of delivering loads to depths up to 3000 meters and is mobilised with two off WROVs and one off OBSROV, which can be launched and recovered in high Sea States.

The Volantis has an extensive global track record for performing comprehensive construction, installation and trenching projects on a highly productive basis.

KEY VESSEL FEATURES

- DP 2
- 2 X WROV'S
- 1 X OBSROV
- 1 X TRENCHER
- 150 Te AHC OFFSHORE CRANE
- 1 000 m² BACK DECK AREA
- ACCOMODATION FOR 81 PERSONS TOTAL
- MARESS FUEL MONITORING SOFTWARE
- HELIDECK

CLASSIFICATION

	DNV 1A1, CLEAN COMF(C-3, V-3), DYNPOS(AUTR), EO, HELDK(S, H), SF, DP2 - ERN 99.99.99
FLAG	NOR

POSITIONING

DYNAMIC POSITIONING	Kongsberg K-Pos DP31
REFERENCE SYSTEMS	1 x Fan Beam 2 x Seapath 1 x HIPAP 2 x Kongsberg GNSS Receivers
MOTION REFERENCE UNITS	2 x Kongsberg MRU5 1 x Kongsberg MRU2

DECK EQUIPMENT

OFFSHORE CRANE	150 Te on single fall AHC Aux winch : 20 Te AHC
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FRC AND LIFEBOATS

LIFE BOATS	Life boats Jiangyin Wolong 2 x 100 persons
RESCUE/MOB BOAT	Maritime Partner MP-741 Springer 1 x 10 persons

HELIDECK

	Helideck design for maximum take-off weight: 12.8 Te D-value 20.88 Helideck monitoring
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ROV

WROV	2 x 125 hp WROV, Kystdesign Supporter 1 WROV in hangar and 1 WROV on deck
OBSROV	1 x OBSROV, Saab SeaEye Panther XT mobilised in hangar
TRENCHER	1 x UTI Ultra

DIMENSIONS

LENGTH (LOA)	106.6 m
BREADTH	22.0 m
DRAFT	7.3 m
DEAD WEIGHT	6 555 Te Max
GROSS TONNAGE	7 530 GT

DECK CAPACITIES

DECK AREA	1 000 m ² (back deck, excluding trencher area)
DECK CARGO CAPACITY	10 Te/m ² (from stern to fram 24)

PROPULSION

MAIN ENGINES	2 x 1 530 kW Caterpillar diesel engines, type 3612 4 x 1 530 kW MAK diesel engines type 9M20C
THRUSTERS	2 x 2 000 kW Rolls-Royce Type TT-2 800, 2 x 2 000 kW Rolls-Royce AzT Swing-up Azimuth
MAIN PROPELLERS	2 x 3 500 kW Aquamaster type US 355 CP, Azimuth

ACCOMMODATION

	PAX 81
	19 single cabins
	31 double cabins
	1 conference rooms
	5 offices (incl. 2 client offices)

TANK CAPACITIES

DRILL / BALLAST WATER	2 000 m ³
FRESH WATER	400 m ³
FUEL	2 000 m ³

CONSUMPTION

TRANSIT ECO 8.7 KTS	22- 23 m ³ /day
DP OPERATIONS	12 - 13 m ³ /day
IN PORT	4 - 5 m ³ /day