

Waddenstroom



Multi purpose workboat - DP2 - IMO TIER III

IMO nr.	-
Type	Multi Cat 3713 DP2
Constructed	2023
Bollard pull	Approx. 35 T
Speed	11.0 knots
Free deck space	190 m ²
Deckload	12.0 ton/m ²
Home port	Hardinxveld-Giessendam, The Netherlands

Basic functions

Towing, Anchor handling, Dredging support, Diving support, Oil & Gas support, Renewable Energy support, Surveying, Ploughing, ROV support

Engines	1x Caterpillar, type C32-TTA ACERT, 746 kW / 1.015 HP @ 1800 rpm
Gear boxes	1x Reintjes, type WAF 562 L reduction 5.947:1
Generator sets	1x Caterpillar, type C4.4, each 107 kVA, voltage 230/400 VAC - 50 Hz 1 Microgrid 110 kVA
Main generators	2x Caterpillar, type C32 ACERT, 940 kW / 1175 kVA, 1880 kW / 2350 kVA, 60 Hz, 480 VAC
Other propulsion	2x Azimuth thruster Veth VZ900 - FP 2x 825 kW E-motor Ø 1600 mm propeller
Bow thruster	2x Veth CJ1000V, 325 kW E-motor 360° rotatable

GRT	499 GRT
Dimensions	36.66 x 13.45 x 3.74 mtr.
Draft (min. / max.)	2.30 / 2.60 mtr.

Tank capacities	Fuel oil	155.0 m ³	Urea	10.0 m ³	Dirty oil	4.2 m ³	Bilge water	4.3 m ³	Technical water	58.0 m ³
	Lubr. oil	4.8 m ³	Hydr. oil	5.0 m ³	Sewage	19.0 m ³	Fresh water	57.0 m ³		

Transfer pumps Fuel / Fresh water, type SIHI - 50 m³/hr. @ 4.8 bar

Nautical equipment GMDSS A3 - DP2

Deck equipment Hydraulic cranes, 2x HS Marine AKC 410/18 HE3, 13.5 t @ 18.0 m
Hydraulic winch on Fwd. crane, 10 T - 50 mtr. wire
Towing winch, Kraaijeveld, 600 mtr., Ø 36 mm steel wire, 46 / 100 T + incl. AH winch, Kraaijeveld, 200 mtr., Ø 54 mm steel wire, 125 / 150 T
Tugger winch (2x), power 12 T - 1x Tuggin GP2S1-WP, SWL 100 T
Bow roller, L. 7.00 mtr., Ø 1200 mm, SWL 165 T
Stern roller, L. 4.00 mtr., Ø 1200 mm, SWL 100 T

Special equipment HV/AC installation - Sewage treatment plant - Fuel oil separator
Biodegradable oil in all components

Optional A-frame 50 T / 25 T (with plough) / 4p-Mooring system
Waterinjection dredging system / ROV - Diving ops. platform / Power supply up to 125 A 50/60 Hz

Accommodation Comfortable heated and air-conditioned accommodation for a total of 16 persons is facilitated. Three officer cabins and three double crew cabins are positioned in the deckhouse above the waterline according MLC regulations. One officer cabin can be converted in a 2 crew cabin. Three double passenger cabins, mess, gallery and laundry are provided below main deck.

Classification BV - I # HULL · MACH / Tug, Special service - Multi purpose ship / · AUT-UMS / DYNAPOS AM/AT-R / ANCHOR HANDLING
DSI - Unrestricted navigation



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