



DAMEN SHOALBUSTER® 3209

"YN 571713"

GENERAL

YARD NUMBER	571713 (Damen Shipyards Hardinxveld)
DELIVERY DATE	August 2017
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredging support
CLASSIFICATION	Bureau Veritas I ✕ Hull • Mach Tug Unrestricted Navigation AUT-UMS
REGULATIONS	Dutch Shipping Inspectorate (ILT) or equal, unrestricted service
FLAG	Dutch
OWNER	V.O. F. Sleepboot ISA

DIMENSIONS

LENGTH O.A.	32.27 m
BEAM O.A.	9.35 m
DEPTH AT SIDES	4.40 m
DRAUGHT AFT	3.30 m
DISPLACEMENT	625 T
GROSS TONNAGE	327 GT

TANK CAPACITIES

FUEL OIL	220.00 m ³
FRESH WATER	40.80 m ³
LUBRICATION OIL	7.30 m ³
HYDRAULIC OIL	3.10 m ³
DIRTY OIL	4.30 m ³
BILGE WATER	4.30 m ³
SEWAGE	3.30 m ³

PERFORMANCES (APPROX.)

BOLLARD PULL AHEAD	51.6 tons (m)
SPEED	11.0 knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar Type 3512C TA/HD
TOTAL POWER	2610 bkW (3500 bhp) @ 1600 rpm
GEARBOXES	2x Reintjes WAF 773 / 6.44:1
PROPULSION	2x Promarin fixed pitch propellers
DIAMETER	2x 2250 mm V.d. Giessen optima nozzles
BOWTHRUSTER	1x 257 kW (350 bhp), hydraulic driven

ACCOMODATION

Heated and air-conditioned living spaces for 7 persons, a galley/mess and sanitary.

AUXILIARY EQUIPMENT

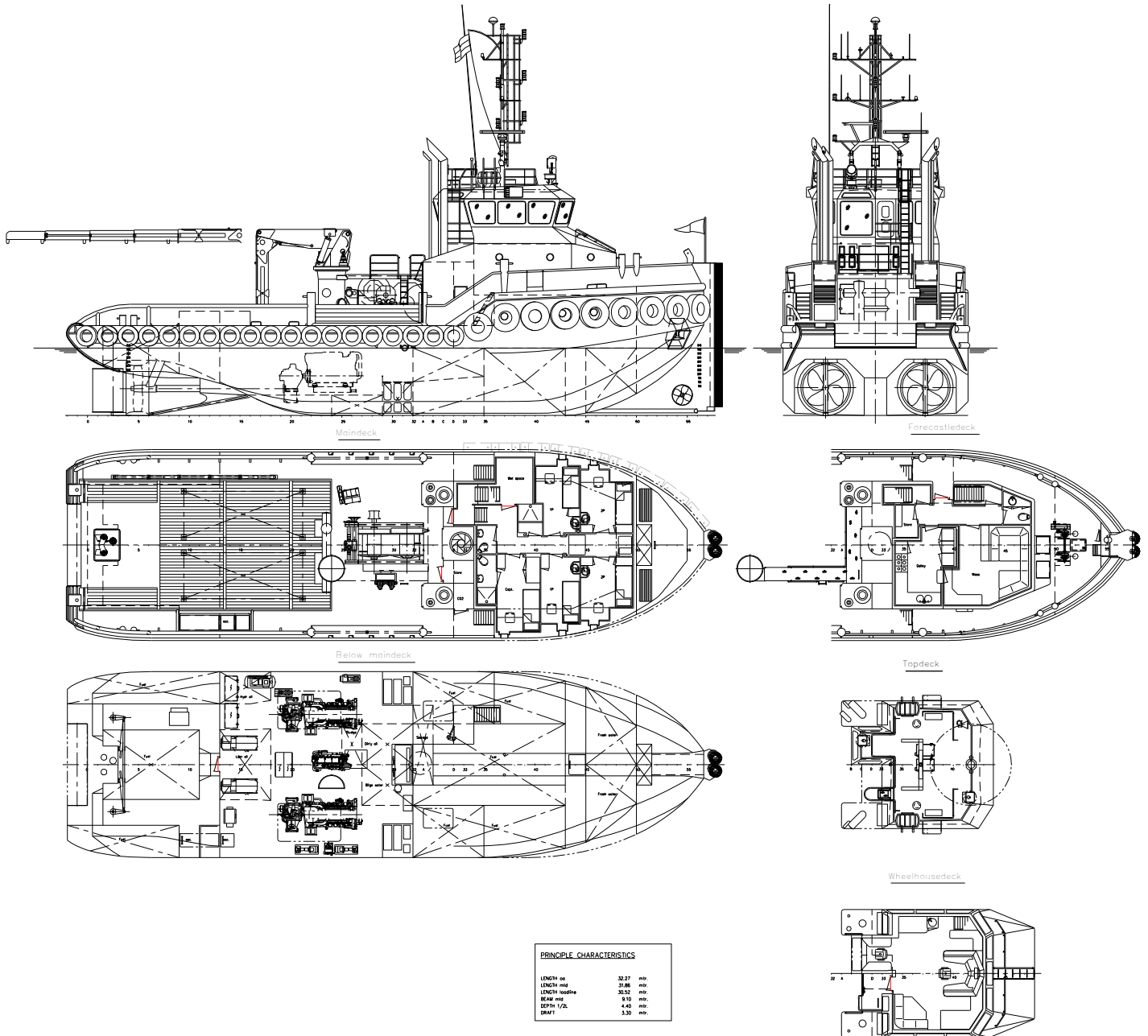
MAIN GENERATOR SETS	2x Caterpillar C4.4 TA
CAPACITY	2x 107.5 kVA, 50 Hz, 230/400V AC
HYDRAULIC	1x Caterpillar C18 TA-B
CAPACITY	357 kW @ 1800 rpm
TRANSFER PUMPS	For Fresh Water: VWSI 8020, 50 m ³ /h @ 4.8 bar For Fuel Oil: VWSI 8020, 50 m ³ /h @ 4.8 bar
FUEL OIL SEPARATOR	1x Westfalia, OTC-2
BILGE WATER SEP.	1x FACET CPS-2,5MKIII 0,5m ³ /hr.
SEWAGE TREAT. PLANT	1x Hamman Supermini cap. 12 persons
FRESH WATER MAKER	1x HEM 4,5m ³ /day @ 25° Sea water temperature

DECK LAY-OUT

ANCHOR	2x 360 kg Pool (HHP)
CHAIN	19 mm stud-link anchor chain 220 m
ANCHOR WINCH	DMT, AW200-H19K2, 15.3 (m) at 10m/min
DECK CRANE	HS Marine AKC210 16HE4, 8.0ton(m) @ 16.00m
TOWING WINCH	DMT, WATW-H1000KN
CAPACITY TOWING PART	50t (m) at 10 m/min Wire cap. 800 m, ø 44mm Holding force: 150 t (m)
CAPACITY ANCH. H. PART	100t (m) at 5 m/min Wire cap. 600m, ø 40/50mm Holding force: 150 t (m)
SPARE WIRE REEL	1x Dromec, E-driven, wire cap. 800 m, ø44mm
TUGGERWINCH	1x Dromec HPV-12000, 12 ton (m) @ 5-20 m/min
TOWINGS PINS	1x WK- Hydraulics SWL 50 Ton
CHAIN STOPPER	1x WK- Hydraulics SWL 75 Ton

NAUTICAL AND COMMUNICATION EQUIPMENT GMDSS A3

SEARCHLIGHTS	2x Pesch 2000W
MAGNETIC COMPASS	1x Cassens & Plat, Reflecta 1
GYRO COMPASS	1x Anschuetz 22
WATCH ALARM	1x Furuno BR-500
RADAR	1x Furuno, FAR-2117
DGPS	1x Furuno, GP-150D
PC ECDIS	1x Furuno, FMD-3100
AIS	1x Furuno, FA-150
AUTOPILOT	1x Radio Zeeland, Seapilot 75
ECHOSOUNDER	1x Furuno, FE-700
SPEEDLOG	1x Furuno, DS-80
VHF RADIO TELEPHONE	2x Sailor, RT6222 2x DSC, 1x RT 6210
HANDHELD VHF	2x Jotron, TR20
NAVTEX	1x Furuno, NX-700
SSB	1x Thrane & Thrane, Model 6310
INMARSAT-C	2x Sailor 6110
INTERCOM	1x Sigma 700
GSM TELEPHONE	1x Globesurfer III
Ø WIND INDICATOR	1x Obsermet OMC115



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DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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