



DAMEN SHOALBUSTER® 3209

"YN 571712"

GENERAL

YARD NUMBER	571712 (Damen Shipyards Hardinxveld)
DELIVERY DATE	To be determined, on stock
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	To be determined
OWNER	To be determined

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 (AVERAGE)	50.2 tons (m)
BOLLARD PULL AHEAD (MAX)	50.7 tons (m)
SPEED	11.6 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

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

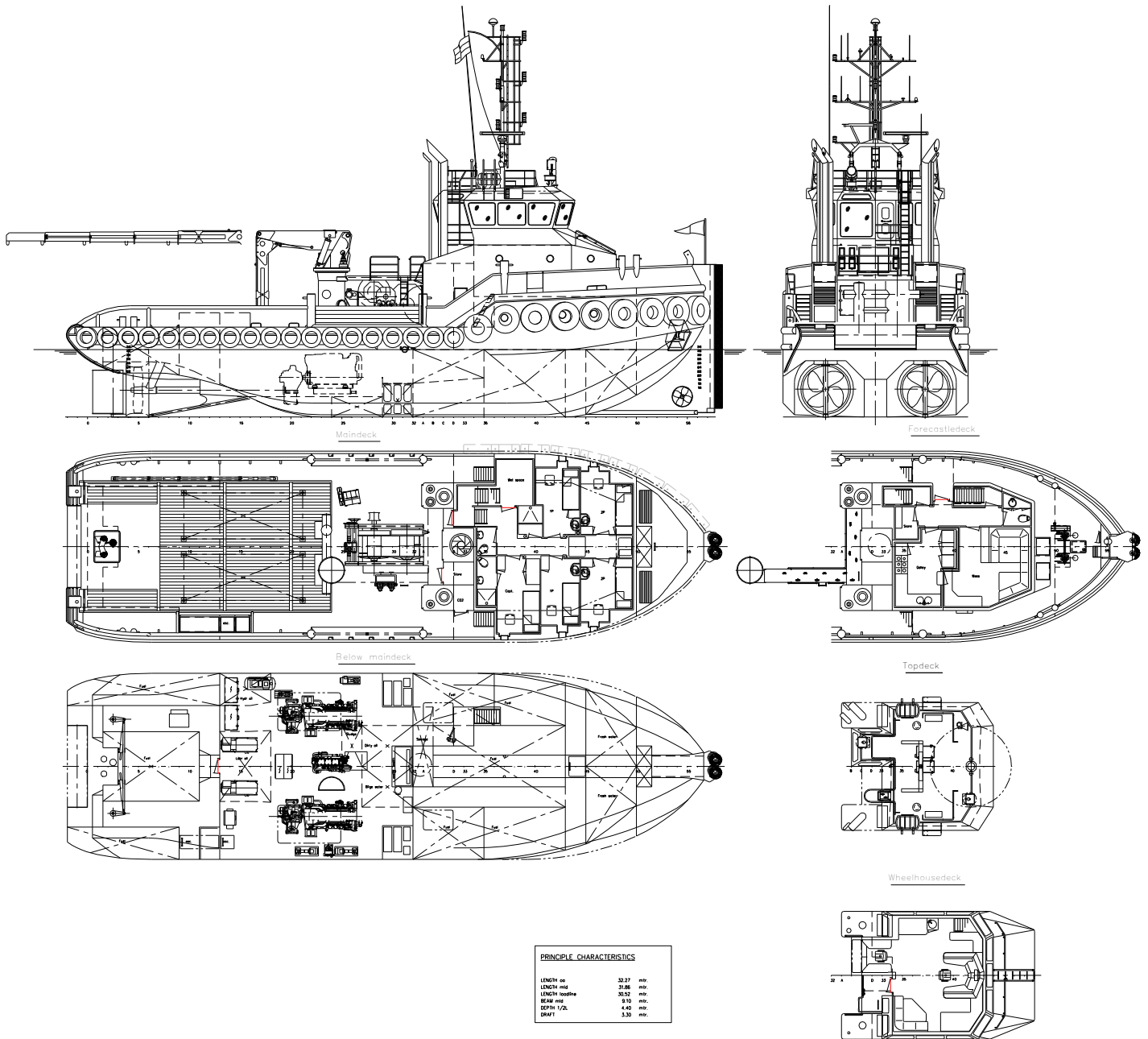
ANCHOR	2x 360 kg Pool (HHP)
CHAIN	19 mm stud-link anchor chain 220 m
ANCHOR WINCH	DMT, AW200-H19K2, 15.3 (m) at 10m/min
DECK CRANE	HS Marine AKC210 16HE4, 8.0ton(m) @ 16.00m
TOWING WINCH	DMT, WATW-H1000KN
CAPACITY TOWING	50t (m) at 10 m/min
PART	Wire cap. 800 m, ø 44mm Holding force: 150 t (m)
CAPACITY 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
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

Ø ARE OPTIONALS



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DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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