



Picture: H. Lingbeek

DAMEN SHOALBUSTER® 3209 "TAUPO"

GENERAL

YARD NUMBER	571697 (Damen Shipyards Hardinxveld)
DELIVERY DATE	September 2013
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredging support
CLASSIFICATION	Bureau Veritas I ✶ Hull • Mach Tug Unrestricted Navigation AUT-UMS
REGULATIONS	Dutch Shipping Inspectorate (IWW)
FLAG	Netherlands
OWNER	Damen Marine Services

DIMENSIONS

LENGTH O.A.	32.08 m
BEAM O.A.	9.10 m
DEPTH AT SIDES	4.40 m
DRAUGHT AFT	3.20 m
GROSS TONNAGE	327 GT

TANK CAPACITIES

FUEL OIL	220.00 m ³
FRESH WATER	40.0 m ³
LUBRICATION OIL	7.30 m ³
HYDRAULIC OIL	3.00 m ³
DIRTY OIL	4.30 m ³
BILGE WATER	4.30 m ³
SEWAGE	3.30 m ³

PERFORMANCES (TRIALS)

BOLLARD PULL AHEAD AVERAGE	46.9 tons (m)
BOLLARD PULL AHEAD MAXIMUM	47.3 tons (m)
SPEED MAX.	11.5 knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar Type 3512C-TA
TOTAL POWER	2610 bkW (3498 bhp) @ 1600 rpm
GEARBOXES	2x Reintjes WAF 773/6.44:1
PROPULSION	2x Fixed pitch propellor in Optima nozzles, 2250 mm
BOWTHRUSTER	350 bhp, hydraulically driven

AUXILIARY EQUIPMENT

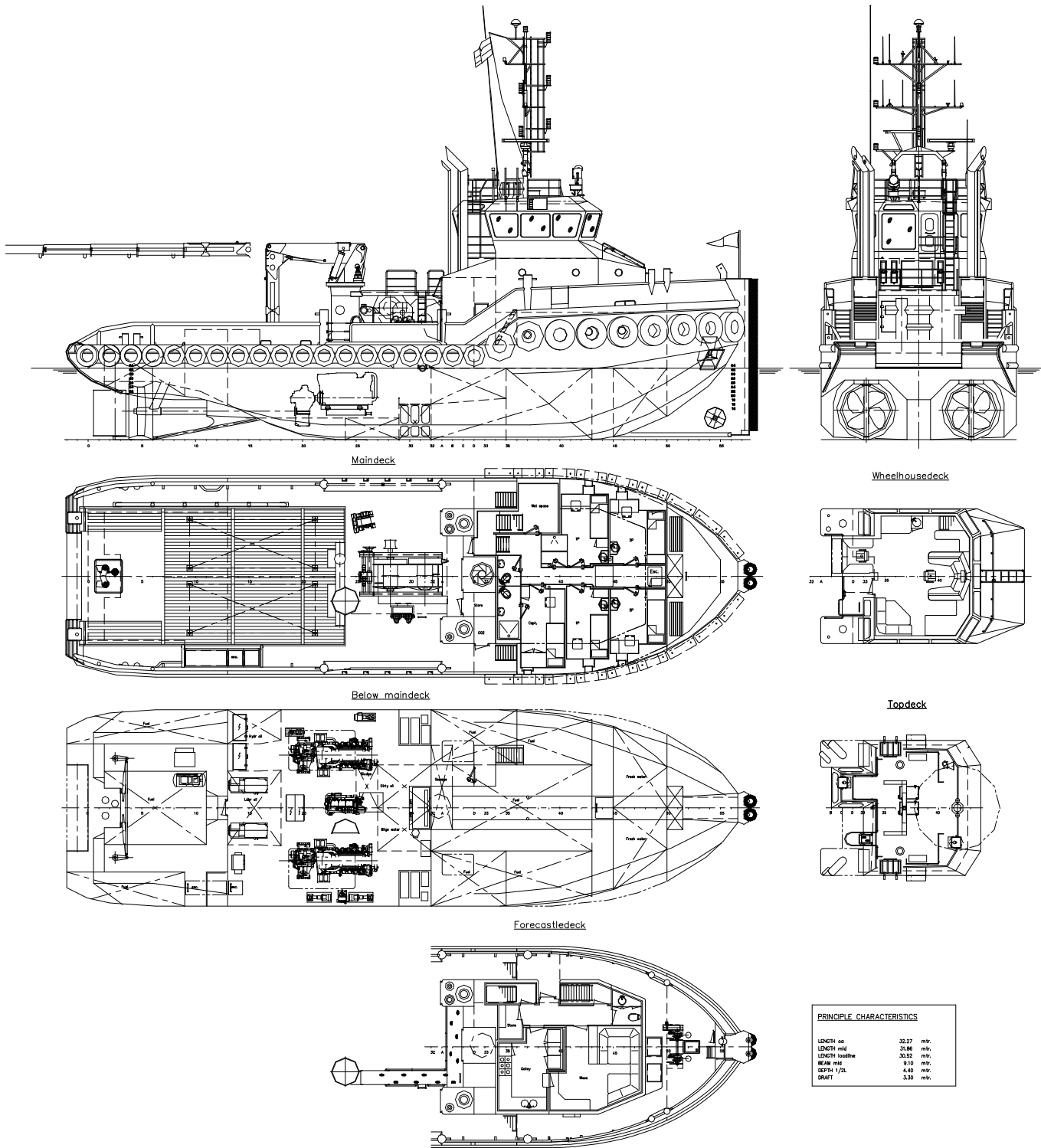
MAIN GENERATOR SETS	2x Caterpillar C4.4 TA
CAPACITY	2x 107.5 kVA, 50 Hz, 230/400V AC
HYDRAULIC CAPACITY	1x Caterpillar C18 TA-B
TRANSFER PUMPS	357 kW @ 1800 rpm For Fresh Water: VWSI 8020, 50 m ³ /h @ 4.8 bar For Fuel Oil: VWSI 8020, 50 m ³ /h @ 4.8 bar Westfalia, OCT 2
FUEL OIL SEPARATOR	

DECK LAY-OUT

ANCHOR	2x 360 kg Pool (HHP)
CHAIN	19 mm stud-link anchor chain 220 m
ANCHOR WINCH	DMT, hydraulically driven AW 200-H19Q2
DECK CRANE	Heila HLRM 170-4SL, 7.9 ton(m) @ 15.93 m
TOWING WINCH	DMT, WATW-H 1000 kN 50 tons (m) @ 12 m/min (pull), 100 tons (m) @ 6 m/min (anchor) 150 tons (m) holding power Dromec HPV12000 12 ton (m) @ 5m/min
TUGGERWINCH	WK- Triple pin type
TOWINGS PINS	WK- Hydraulics SWL 75 Ton
CHAIN STOPPER	

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 Marble 421
RADAR	1x Furuno, FAR-2117
GPS	1x Furuno, GP-150
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
HANDHELD VHF	2x Jotron, TR20
NAVTEX	1x Furuno, NX-700
SSB	1x Furuno, FS-1570
INMARSAT-C	2x Sailor 6110
INTERCOM	1x Sigma 700
SAT PHONE	1x Iridium SC-4000A
CHART PLOTTER	1x Furuno, Navnet



PRINCIPLE CHARACTERISTICS	
LENGTH od	32.27 mtr.
LENGTH mid	31.86 mtr.
LENGTH loadline	30.92 mtr.
BEAM mid	9.10 mtr.
DEPTH 1/2L	4.40 mtr.
DRAFT	3.30 mtr.

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"TAUPO"

DAMEN

DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



Rivierdijk 544
3371 EB Hardinxveld-Giessendam

P.O. Box 60
3370 AB Hardinxveld-Giessendam
The Netherlands

phone +31 (0)184 61 30 88
fax +31 (0)184 61 77 93

sec.dsha@damen.com
www.damenshipyardshardinxveld.nl