



DAMEN SHOALBUSTER® 2609

"YN 571689"

GENERAL

YARD NUMBER	571689 (Damen Shipyards Hardinxveld)
DELIVERY DATE	July 2013
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION	Bureau Veritas I ✕ HULL • MACH Tug unrestricted navigation AUT-UMS
REGULATIONS	Netherlands Shipping Inspectorate (ILT) unrestricted
FLAG	Netherlands
OWNER	To be determined

DIMENSIONS

LENGTH O.A.	26.02	m
BEAM M.L.D.	9.10	m
DEPTH AT SIDES	3.60	m
DRAUGHT AFT APPROX.	2.75	m
DISPLACEMENT	260	ton
GROSS TONNAGE.	212	GT

TANK CAPACITIES

FUEL OIL	125.9	m ³
FRESH WATER	30.3	m ³
LUBRICATION OIL	1.7	m ³
HYDRAULIC OIL	1.7	m ³
DIRTY OIL	3.8	m ³
BILGEWATER	3.8	m ³
SEWAGE	6.4	m ³
SLUDGE	1.5	m ³

PERFORMANCES (TRIALS)

BOLLARD PULL AHEAD	32.0	ton (average)
SPEED	11.9	knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar C32 TTA
TOTAL POWER	1790 bkW (2434 bhp) at 1800 rpm
GEARBOXES	2x Reintjes WAF 572/ 7.091 : 1
PROPELLERS	2x 1900 mm Promarin fixed pitch
CONTROLS/STEERING	Straathof/WK Hydraulics
NOZZLES	2x Damen Marine Components 'Optima'
BOW THRUSTER	1x 200 bhp, hydraulically driven

AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x Caterpillar C-4.4 TA
CAPACITY	2x 86 kVA, 50 Hz, 230/400V
HYDRAULIC SET	1x Caterpillar C-9 TA
CAPACITY	269 kW at 1800 rpm
TRANSFER PUMPS	1x SIHI AKHK 6101, 32 m ³ /h at 1.5 bar for fuel oil 1x SIHI AKHK 6101, 32 m ³ /h at 1.5 bar for fresh water 1x Westfalia 1000ltr/hr

FUEL OIL SEPARATOR

DECK LAY-OUT

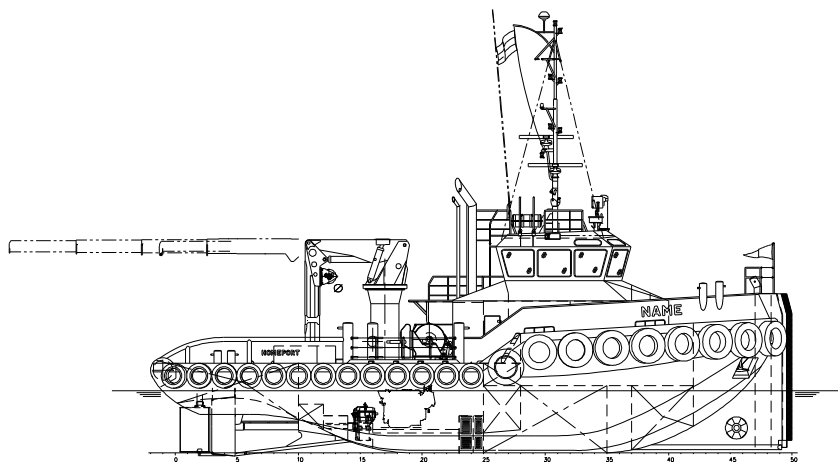
ANCHOR	2x 225 kg Pool TW (HHP)
ANCHOR WINCH	Ridderinkhof, hydraulically driven
DECK CRANE	HS marine AKC 185/18.5 E4,
CAPACITY	5.53 ton(m) @ 18.50 m & 16,47 ton @ 7.65 m
ANCHOR HANDL./TOW WINCH	Ridderinkhof R AHW-H-400
CAPACITY APPROX	Pulling force, 40 ton @ 3 m/min on first layer, Slack rope speed 17.5 m/min, Brake holding force, 90 ton on first layer, Storage capacity 650m ø36mm towing line, Storage capacity 300m ø36mm anchor handling line 1x WK hydraulics, triple pin type Optional dismountable 20Ton SWL A-Frame, mounting provisions are foreseen 1x Dromec 12 ton@ 5 m/min; 4 ton@ 20 m/min
TOWING PINS	
A- FRAME	
TUGGERWINCH	

ACCOMMODATION

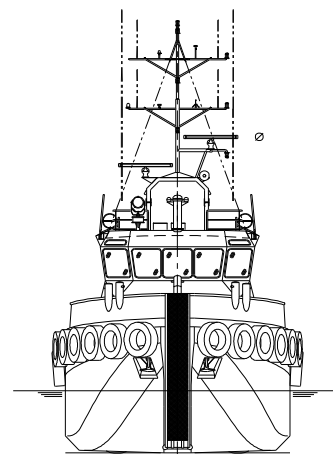
Heated and air-conditioned living spaces for 6 persons, consisting of one double-crew cabin, four single crew cabins, sanitary facilities and a combined galley/mess.

NAUTICAL AND COMMUNICATION EQUIPMENT

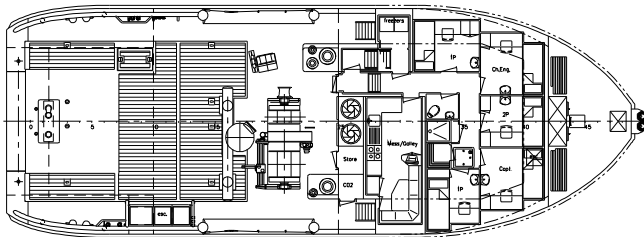
RADAR SYSTEM	1x Furuno FAR-2117BB
MAGNETIC COMPASS	1x Cassens & Plath Reflecta 1
AUTOPILOT	1x Radio Zeeland Seapilot 75
GPS	1x Furuno GP-150D
ECHOSOUNDER	1x Furuno FE-700
SPEEDLOG	1x Furuno DS-80
VHF/DSC	2x Sailor RT-6222
HANDHELD VHF	2x Jotron Tron TR-20
SSB/DSC	1x Thrane & Trane 6310
INMARSAT-C	2x Thrane & Trane Sailor 6110
NAVTEX.	1x Furuno NX-700
AIS	1x Furuno FA-150
GYROCOMPASS	1x Anschuetz Standard 22 Compact
EPIRB	1x Tron-40S-MKII
RADAR TRANSPONDER	1x Tron SART-20
INTERCOM	1x Sigma-700 MKII
WATCH ALARM	1x Marble 421
GSM TELEPHONE	1x Siemens MC 55i



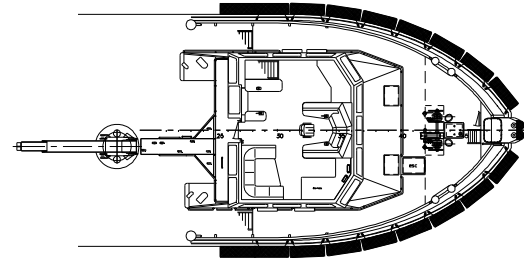
Maindeck



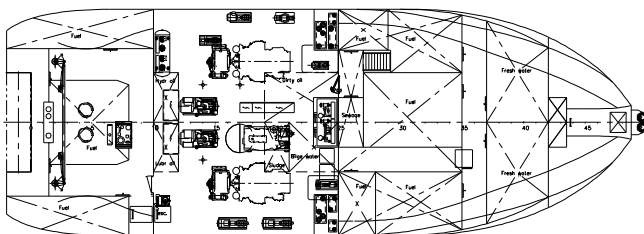
Forecastledeck



Below maindeck



Topdeck



Items marked with ø are optional

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DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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