



DAMEN SHOALBUSTER® 2308 S

"BALOE 2"

GENERAL

YARD NUMBER	571676 (Damen Shipyards Hardinxveld)
DELIVERY DATE	Juni 2012
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION	Bureau Veritas IxHULL • MACH Tug Unrestricted navigation, AUT UMS
NATIONAL AUTHORITIES	Dutch Shipping Inspectorate 30 miles from coastline
FLAG	The Netherlands
OWNER	Scheepvaartbedrijf Herman Sr. B.V. The Netherlands

DIMENSIONS

LENGTH O.A.	23.35	m
BEAM MLD.	8.00	m
DEPTH AT SIDES	2.99	m
DRAUGHT AFT (FULLY LOADED APPROX.)	2.29	m
DISPLACEMENT (APPROX.)	238	ton

TANK CAPACITIES (APPROX)

FUEL OIL	45.5	m ³
FRESH WATER	13.9	m ³
SEWAGE	1.9	m ³
DIRTY OIL	3.2	m ³
LUBRICATION OIL	1.9	m ³
HYDRAULIC OIL	0.9	m ³
GEAR OIL	0.4	m ³
BILGE WATER	0.9	m ³

PERFORMANCES (TRIALS)

BOLLARD PULL AHEAD.	21.0	ton(m)
SPEED APPROX.	10.5	knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar C32-TTA ACERT
TOTAL POWER	1268 bkW (1700 bhp) @ 1800 rpm
GEARBOXES	2x Reintjes WAF 464L/ 5.042:1
PROPULSION	2x Promarin fixed pitch propeller
DIAMETER	2x 1600 mm in V.d. Giessen Optima nozzles
BOWTHRUSTER	120 bhp, hydraulically driven

AUXILIARY EQUIPMENT

GENERATOR SETS	1x Hatz 4L41C Silent Pack 1x Hatz 4M41C
CAPACITY	1x 28 kVA, / 1x 33kVA, 50 Hz, 230/400V
TRANSFER PUMPS	For Fresh Water: SIHI, 25 m ³ /h @ 1.5 bar For Fuel Oil: SIHI 25 m ³ /h @ 1.5 bar
FUEL OIL SEPARATOR	Alfa Laval MIB 303
HYDRAULIC SET	Caterpillar C-09 TA 269kW @ 1800rpm With clutchable hydraulic bow thruster pump

DECK LAY-OUT

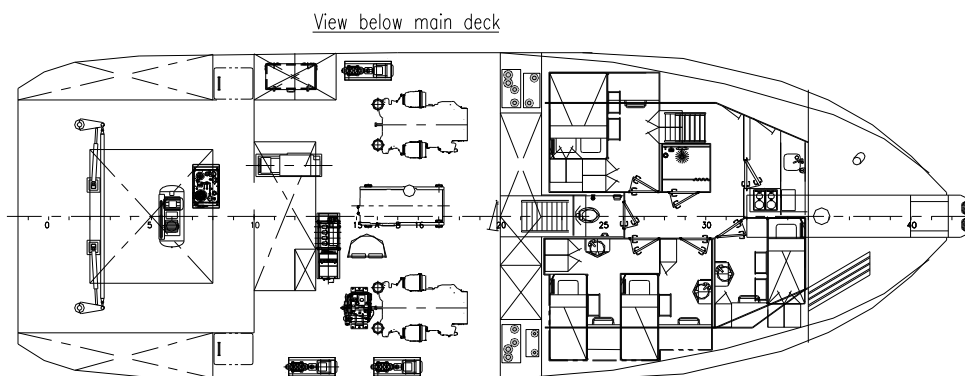
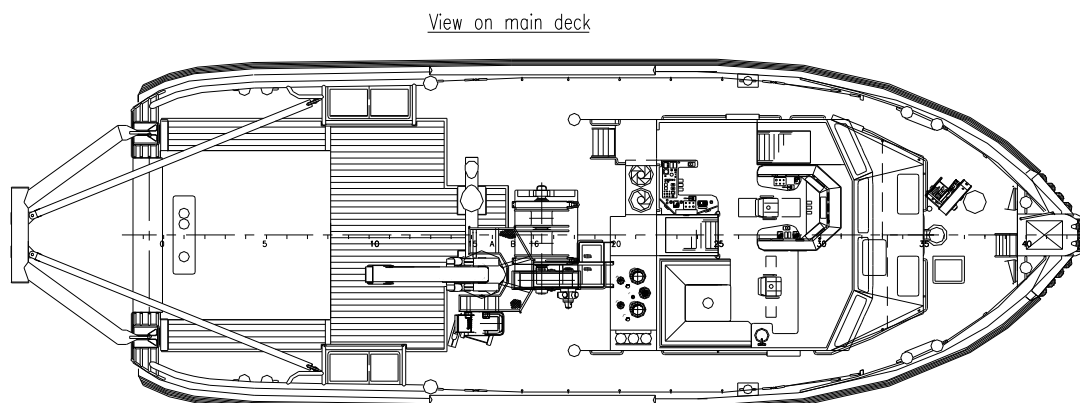
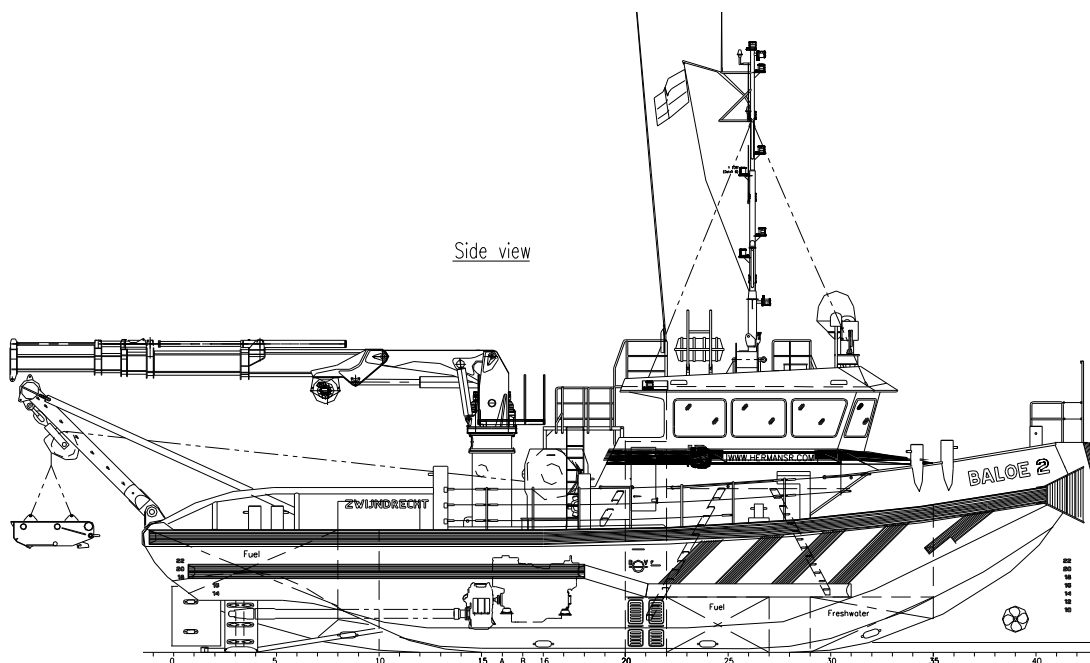
ANCHOR	1x 270 kg Pool (HHP) 1x 225 kg Pool (HHP)
CHAIN	19 mm short-link anchor chain 137.5 m
ANCHOR WINCH	Ridderinkhof hydraulically driven
DECK CRANE	HS Marine AKC 115LHE4 4570kg @ 15,51m
ANCHOR HANDLING / TOWING WINCH	30 ton @ 6 m/min 6 ton @ 24 m/min 55 ton holding power
A-FRAME	25 ton SWL
TOWING PINS	MKB Triple pin type
TUGGER WINCH	Brevini BWC 080 8T @ 4,5m/min

ACCOMMODATION

Heated and air-conditioned living spaces for 5 persons, consisting of a captain's cabin, an officers cabin, one single crew cabin and one double crew cabin, a galley and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT

ACCORDING GMDSS AREA3	
SEARCHLIGHTS	Pesch 2x 2000W
MAGNETIC COMPASS	Kotter type with electric repeater
GYRO COMPASS	Anschuetz Standard 22 Compact
RADAR	Kelvin Hughes MANTA Digital
DGPS	Simrad MX 510 / 521A
AUTOPILOT	Seapilot 75
AIS	Furuno FA-150
ECHOSOUNDER	Furuno FE-700
SPEEDLOG	Furuno DS-80
VHF RADIO TELEPHONE	3x Sailor RT6222, 25 W
GSM	Sagem Telsat
HANDHELD VHF	2x Jotron TR20
NAVTEX	Furuno NX 700
MF/HF TRANCEIVER	Thrane & Thrane 6310 with DSC
BRIDGE WATCH ALARM	Marble 421
CCTV	Orlaco
INTERCOM	Radio Zeeland Sigma 700
FLEET SYSTEM	Thrane & Thrane Fleetbroadband 250
SATELLITE TV SYSTEM	Seatel 3004
WIND INDICATOR	Meteo system Osermet OMC-115



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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

info@damen-hardinxveld.nl
www.damenshipyardshardinxveld.nl