



DAMEN SHOALBUSTER® 2709

"ISA"

GENERAL

YARD NUMBER	571705 (Damen Shipyards Hardinxveld)
DELIVERY DATE	March 2017
BASIC FUNCTIONS	Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION	I ✱ HULL • MACH Tug unrestricted service AUT-UMS
REGULATIONS	ILT unrestricted
FLAG	Dutch
OWNER	V.O.F. Sleepboot ISA

DIMENSIONS

LENGTH O.A.	27.02	m
BEAM O.A.	9.10	m
DEPTH AT SIDES	3.60	m
DRAUGHT AFT (APPROX.)	2.63	m
DISPLACEMENT (50% COND.)	370	Ton
GROSS TONNAGE	221	GT

TANK CAPACITIES

FUEL OIL	125.1	m ³
FRESH WATER	30.0	m ³
LUBRICATION OIL	3.9	m ³
HYDRAULIC OIL	1.5	m ³
GEAR OIL	1.5	m ³
DIRTY OIL	4.3	m ³
BILGE WATER	4.3	m ³
SEWAGE	2.2	m ³
SLUDGE	1.4	m ³

PERFORMANCES

BOLLARD PULL AVERAGE	40.2	ton
BOLLARD PULL MAXIMUM	41.2	ton
SPEED	11.0	knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3512C TA/A
TOTAL POWER	2238 bkW (3000 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 665 / 5.95:1
PROPELLERS	2x 2100 mm Promarin fixed pitch propeller
CONTROLS/STEERING	Straathof / WK Hydraulics
NOZZLES	2x Damen Marine Components "Optima"
BOW THRUSTER	200 bhp, hydraulically driven

AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x Caterpillar C-4.4 TA
CAPACITY	2x 86.3 kVA, 50 Hz, 230/400V
HYDRAULIC SET	1x Caterpillar C-09 TA, 269 kW/1800 rpm
FUEL OIL SEPARATOR	Westfalia OCT 2

DECK LAY-OUT

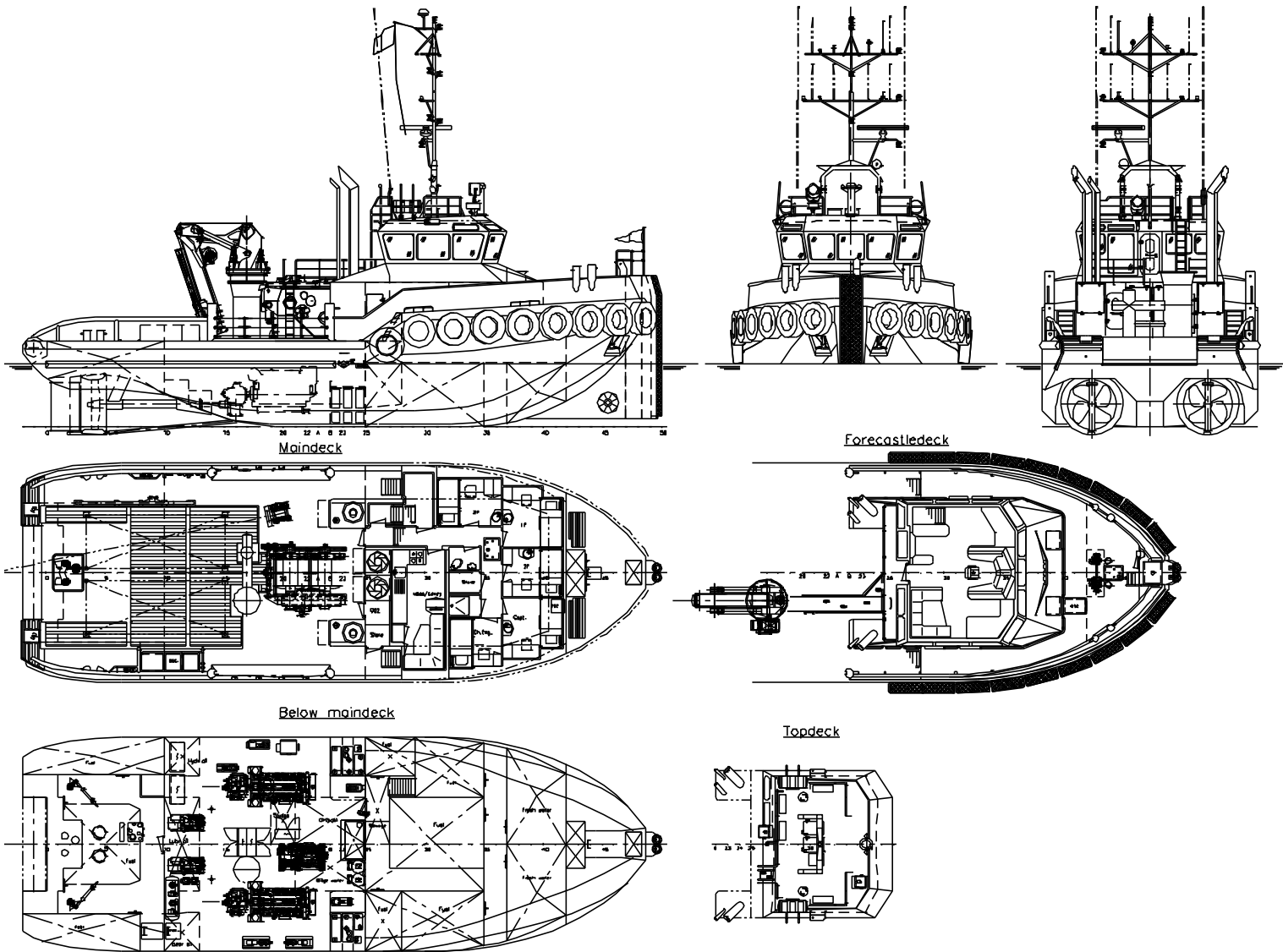
ANCHOR	2x 275 kg Pool (HHP)
ANCHOR CHAIN	19 mm stud-link, 2x192.5 m
ANCHOR WINCH	DMT, hydraulically driven
DECK CRANE	HS Marine AKC 185/18.5 E4, 5.5 ton @ 18.5m
ANCHOR HANDLING/TOWING WINCH	DMT, Waterfall execution, hydraulically driven
CAPACITY TOWING PART	50 ton at 4.0 m/min pull, slack 0-23m/min
CAPACITY ANCH. H. PART	Holding power 125 ton, wire cap. 850m 40mm
TOWING PINS	100 ton at 2.8 m/min pull, slack 0-16/min
TUGGERWINCH	Holding power 125 ton, wire cap. 650m 40mm
	WK Hydraulics double pin type with chain stop
	Dromec HPV12000, 12ton(m)/4,5m/min

ACCOMMODATION

Heated and air-conditioned living spaces for 7 persons, consisting of three single crew cabins and two double crew cabin, a galley/mess and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCHLIGHTS	2x Pesch 2000W
MAGNETIC COMPASS	1x Cassens & Plath Reflecta 1
GYRO COMPASS	1x Anschuetz Standard 22 Compact
RADAR SYSTEM	1x Furuno FAR-2117
GPS	1x Furuno GP 150D
AUTOPILOT	1x Radio Zeeland Seapilot 76
AIS	1x Furuno FA 150
ECHOSOUNDER	1x Furuno FE-700
VHF/DSC	2x Thrane & Thrane Sailor 6222 DSC Class A
SPEEDLOG	1x Furuno, Type DS-80
WATCH ALARM	1x Marble 421
HANDHELD VHF	2x Jotron, TRON TR20
SSB/DSC	1x Thrane & Thrane 6310
NAVTEX	1x Furuno NX- 700
MINI-C SYSTEM GMDSS	2x Thrane & Thrane, Type TT-3000E
EPIRB	1x Jotron, Type Tron-40S
INTERCOM	1x Sigma 700
RADAR TRANSPONDER	1x Jotron, Type Tronsart



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Member of the DAMEN SHIPYARDS GROUP



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