



## DAMEN MULTI CAT<sup>®</sup> 249

"YN571670"

### GENERAL

YARD NUMBER	571670 (Damen Shipyards Hardinxveld)
DELIVERY DATE	-
BASIC FUNCTIONS	Anchor handling, dredger service, supply, hose handling, towing and survey
CLASSIFICATION	I * Hull • Mach, Tug Unrestricted Navigation, AUT UMS.
REGULATIONS	ILNT 200NM
FLAG	NL or equal

### DIMENSIONS

LENGTH O.A.	23.33	m
BEAM O.A.	9.00	m
DEPTH AT SIDES	3.20	m
DRAUGHT AFT (APPROX.)	2.35	m
DISPLACEMENT (APPROX.)	370	tons

### TANK CAPACITIES (APPROX.)

FUEL OIL	48.5	m <sup>3</sup>
FRESH WATER	23.7	m <sup>3</sup>
LUBRICATION OIL	1.6	m <sup>3</sup>
DIRTY OIL	1.2	m <sup>3</sup>
BILGE WATER	2.2	m <sup>3</sup>
SEWAGE	3.8	m <sup>3</sup>
FRESH WATER TRIM	17.4	m <sup>3</sup>

### PERFORMANCES (TRAILS)

BOLLARD PULL AHEAD	21.2	tons (m)
SPEED	9.9	knots

### PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar C32 ACERT DI-TA 1268 bkW (1724 bhp) at 1800 rpm
TOTAL POWER	2x Reintjes WAF 464/5.591:1
GEARBOXES	2x 1700 mm Promarin fixed pitch propeller
PROPELLERS	2x Damen Marine Components Optima nozzle
NOZZLES	

### AUXILIARY EQUIPMENT

GENERATOR SET	1 x Caterpillar C-09
CAPACITY	1x 63.8 kVA, 50 Hz, 230/400V
GENERATOR SET	1x Caterpillar C-04.4T
CAPACITY	1x 63.8 kVA, 50 Hz, 230/400 V
HYDRAULIC SET	Combined with generator set Cat C-09, 162 kW @1500 rpm
TRANSFER PUMPS FO/FW	2x VWSI 8020, 50 m <sup>3</sup> /h at 4.8 bar
FUEL OIL SEPARATOR	Facet MV-11-AG, 1200 l/h

### DECK LAY-OUT

ANCHOR	2x 225 kg Pool (HHP) (1 spare)
ANCHOR WINCH	Ridderinkhof, hydraulically driven, R-AWWH-17,5/1
DECK CRANES	HS Marine AKC 185 HE4, 7.62 ton @ 15.07 m HS Marine AK 34 HE4, 1.44 ton @ 13.37 m
ANCHOR H/TOWING WINCH	Ridderinkhof R-TW-H-400
WIRE CAPACITY	650m diam. 32mm / 300m diam. 32mm
PULL	40 ton at 6m/min / and 12 ton at 18 m/min
BRAKEHOLDING POWER	72 ton first layer
TOWING HOOKS Ø	1x Mampaey, DCX 18, 1x DCX 5/7
TUGGER WINCH	1x Brevini, BWC080 8 tons @ 4.5 m/min
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SPUDPOLES Ø	2x Spud poles length 14m
A-FRAME Ø	1x A-frame SWL15Ton

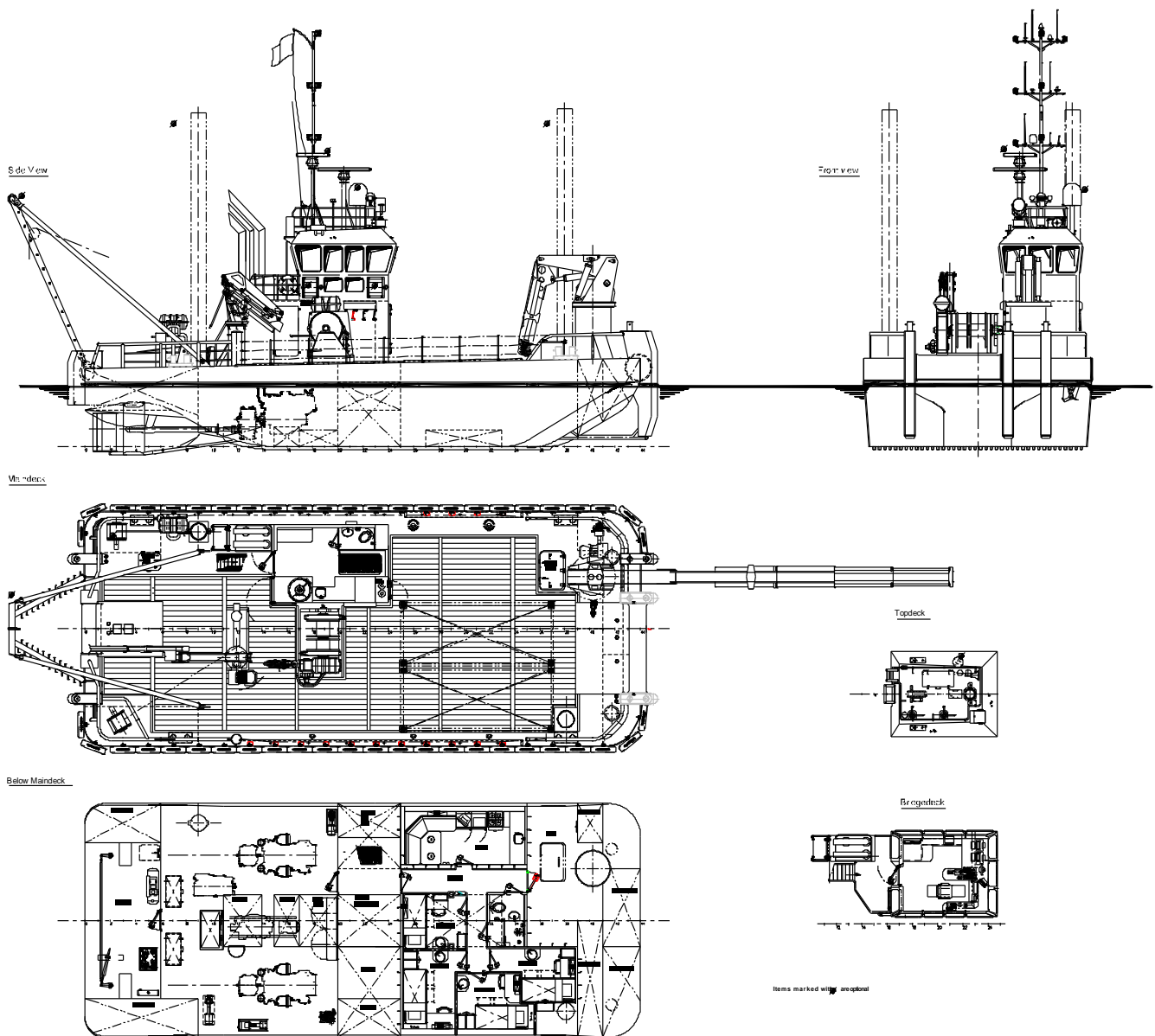
### ACCOMMODATION

Heated and air-conditioned living spaces for 5 persons, consisting of three single and one double-cabins, a combined mess/galley and sanitary facilities.

### NAUTICAL AND COMMUNICATION EQUIPMENT

RADAR SYSTEM	1x Furuno FAR 2117
RADAR SYSTEM Ø	1x Furuno FR 8062
MAGNETIC COMPASS	1x Cassens & Plath, type Reflectra I
AUTOPILOT	1x Radio Zeeland Seapilot 76
GPS	1x Furuno GP-150 D
ECHOSOUNDER	1x Furuno FE-700
VHF/DSC	2x RT-6222
PORTABLE VHF	2x Jotron Tron TR-20
SSB	1x T&T Sailor 6310
INMARSAT-C	2x T&T Sailor 6110
NAVTEX	1x Furuno NX-700
AIS	1x Furuno FA-150
INTERCOM	1x Radio Zeeland Sigma-700
WATCH ALARM	1x Marble type 421

ITEMS MARKED WITH A Ø ARE OPTIONAL



# DAMEN MULTI CAT<sup>®</sup> 2409

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**DAMEN**

DAMEN SHIPYARDS HARDINXVELD

Member of the DAMEN SHIPYARDS GROUP



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