

Specification Sheet (1 of 2)



General	
Type of Vessel	Damen Multicat 2409
Yard Number	1586 (Damen Shipyards Hardinxveld)
Year of Build	2008
Functions	Anchor handling, dredger service, Supply, towing and survey
Classification	I 3/3 Hull unrestricted navigation . Mach
Regulations	MCA regulations for Class 1 vessel
Flag	UK

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Dimensions	
Length O.A.	23.33 m
Beam O.A.	9.00 m
Depth at Sides	3.20 m
Draught AFT	2.00 m (approx)
Displacement	370 tons (approx)
Tank Capacities (approx)	
Fuel Oil	44.1 M <sup>3</sup>
Fresh Water	35.1 M <sup>3</sup>
Lub Oil	1.50 M <sup>3</sup>
Dirty Oil	2.2 M <sup>3</sup>
Bilge Water	1.8 M <sup>3</sup>
Sewage	4.4 M <sup>3</sup>
Ballast Water	20.2 M <sup>3</sup>
Performances (approx)	
Bollard Pull	23.5 tons
Speed (max)	10 knots
Propulsion System	
Main Engines	2 X CAT type 3412 D TTA/B
Total Power	1696 hp (1264 BkW) at 1800 rpm
Gearboxes	2 x Reintjes WAF 464/5.591:1
Propulsion	2 x 1700mm Promarin fixed pitch propellers
Nozzles	2 x Damen Marine Components Optima Nozzle
Auxiliary Equipment	
Generator Sets	1 Caterpillar C-09 and C-04.4T
Capacity	63.8 kVA, 50 Hz, 230/400V
Hydraulic Set	Combined with Generator Set C-09
Transfer Pumps	Fuel 50m <sup>3</sup> /hr at 4.8 bar Fresh Water 50m <sup>3</sup> /hr at 4.8 bar
Fuel Oil Separator	Facet MV-11-AG, 1200 l/h

Deck Lay-out	
Anchor	2 x 225kg Pool (H.H.P.) (1 spare)
Anchor Winch	Ridderinkhof, hydraulic, CAW-H-136
Forward Crane	Heila HLRM 140-4S
Aft Crane	Heila HLM 25-3 S
Anchor	Ridderinkhof TW-H-300
H/Towing	600m diam. 28mm
Winch	300m diam. 32mm
Pull	34/ 6 ton at 6m/min / 24m/min
Brakeholding Power	40 ton first layer
Towing Hook	Mampaey, DCX 30/45
Tugger Winch	Brevini, 8 tons @ 4.5 m/min
Accommodation	
Heated and air-conditioned living space for 6 persons, consisting of two twin cabins and two single cabins, a combined mess/galley and sanitary facilities.	
Nautical and Communication Equipment (GMDSS A3 Equipped)	
Navtex	Furuno NX-700
Radar System	1x Furuno FR-1505 MK3 + 1x Furuno FR-8062
Magnetic Compass	1x Cassens & Plath, type II
Autopilot	Radio Zeeland Seapilot 75
GPS	Furuno GP - 150 D
Echo Sounder	Furuno FCV 585
VHF/DSC	2x SP radio RT-5022
Portable VHF	2x Jotron Tron TR-20
SSB/DSC	Yaesu VR-5000
Inmarsat-C	Furuno Felcom 15
Sattelite TV	1x Seatel Coastel 18
Intercom	1x Radio Zeeland Sigma-700
GSM	1x RT 3000, Sagem
Plotter	1x Furuno GP-7000



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