

Specification Sheet (1 of 2)



General	
Type of Vessel	Damen Shoalbuster 2509
Yard Number	1540 - Damen Shipyards Hardinxveld
Year of Build	2001
Functions	Towing, mooring, Anchor handling, Dredging support
Classification	Bureau Veritas I . HULL • MACH
Flag	Tug Unrestricted Navigation Dutch

MarineCo Condor



Dimensions

Length O.A.	25.90 m
Beam O.A.	9.00 m
Depth at sides	3.2 m
Draught Aft (fully loaded approx)	2.40 m

Tank Capacities (approx)

Fuel Oil	59.7 m ³
Fresh Water	36.4 m ³
Lubrication Oil	2.7 m ³
Sewage	2.1 m ³
Bilge Water	3.5 m ³
Hydraulic Oil	1.1 m ³

Performances (Trials)

Bollard Pull	24.0 tons
Speed (max)	11.3 knots

Propulsion System

Main Engines	2x CAT Type 35088 T NB
Total Power	1947 hp (1452 kW)
Gearboxes	2x Reintjes WAF 562 U5,05:1
Propulsion	2x Promarin fixed pitch propellers
Diameter	2x 1700 mm in Optima nozzles
Bow Thruster	100 hp, hydraulically driven

Auxiliary Equipment

Generator Sets	1 X John Deere 4045 TF 1x Hatz 4L41C
Capacity	89 kVA /30 kVA, 50 Hz, 220/380 V
HYOR. Powerpack	John Deere 6068 TF
Transfer Pumps	Fuel 32 m ³ /hr at 1 ,5 bar Fresh water 32 m ³ /hr at 1 ,5 bar
Fuel Separator	Facet MV -11-AG

Deck Lay-out

Anchor	2x 225 kg Pool (HHP.)
Chain	17,5mm- 165m shortlink
Deck Crane	HEILA HLRM 80-3S
Anchor Handling Winch	40T Ø 36mm - 250m
Towing Winch	Ridderinkhof 40T at 3m/min,hydraulic 36mm - 600m
Towing Hook	Mampaey SWL 25T
Capstan	3T

Accommodation

Heated and air-conditioned living spaces for 4 persons, consisting of a captain's cabin, a C. E. cabin, a double crew cabin, a galley and sanitary facilities.

Nautical and Communication Equipment

(According GMDSS Area 3)	
Search Lights	2x Pesch 500 W
Compass	1 x Kottter type, with electric repeater
Gyro Compass	Tokimec ES -110
Radar System	Furuno FR 505
GPS	Furuno GP - 80
Autopilot	Radio Holland Seapilot 75
Echosounder	Furuno FCV-582L
VHF Radio Telephone	2x Sailor R- 4822 25 Watt wr.n DSC
Navtex	SRH NAV-5
Communication	Inmarsat C / SSB / phone/fax



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