

EN AVANT 9

TECHNICAL INFORMATION



31

mt
Bollard Pull
Harbour and seagoing tug

Muller.

EN AVANT 9

HARBOUR | SEAGOING | SALVAGE & RESPONSE

General Information

Year built	2000
Builder	Damen Shipyards Gorinchem
Build type	Damen Stantug 2207
Class	Bureau Veritas
Classification	HULL I MACH Tug
	Unrestricted navigation AUT-UMS
Class Register nr	87C057
National Authorities	Dutch Shipping Inspection 200nm coastal continuous service
Flag	Netherlands
Callsign	PDAC
IMO	9163910
Port of registry	Dordrecht

Main Particulars

Length o.a.	22.50 m
Breadth o.a.	7.20 m
Maximum draught	3.60 m
Air draught	23.50 m / 9.00 m (lowered mast)
Gross tonnage	134 T
Nett tonnage	40 T

Performance

Bollard Pull max	31.0 tons
Speed	12.0 knots

Propulsion

Main Engines	2 x CAT Type 3508B DI-TA
Total power	2,100 hp (1,566 kW) at 1600 rpm
Gearboxes	2 x Reintjes WAF 663 / 5.571:1
Type of propulsion	2 x Kaplan II fixed pitch propellers
Propellers	2 x 1900 mm
Nozzles	Backing nozzles

Auxiliary Equipment

Generator sets	2 x Caterpillar 3304B NA/SR4
Capacity	63 kVA each 50Hz, 230/400 V
Fuel separator	Alfa Laval type
Internal FiFi system	CO ₂ in the engine room

Deck Lay-out

Anchor	2 x 135 kg Pool (H.H.P.)
Chain	17.5 mm - 247.5 m short link
Anchor winch	Damen parts, electric, 2T - 10 m/min Vertical warping head
Towing winch	Brusselle, hydraulic, 16T - 5.8 m/min
- Brake holding force	40 T
- Towing wire	650 m - ø 36 mm - MBL 904 kN Steel wire galvanised 6x36WS IWRC
	RHOL 1960N/mm
Capstan winch	Brusselle, hydraulic, 4 T - 30 m/min

Tank capacities

Fuel Oil (MGO)	35.50 m ³
Fresh Water	9.20 m ³
Lub oil	1.20 m ³
Dirty oil	1.50 m ³
Water Ballast	17.70 m ³
Black Water	1.20 m ³

Accommodation

Heated and air-conditioned living spaces for 6 persons, consisting of a galley and mess room, captain's cabin on the main deck, a 1st officer cabin, one double crew cabins, a C.E. cabin and sanitary facilities below deck.

Nautical & communication

GMDSS area	A2 equipped
Searchlights	2 x PESCH 1000W
Compass	1 x Kotter type / 1 x gyro compass
Radar system	Furuno FR8051
GPS	Furuno GP - 80
Autopilot	Navitron NT951G
Echo sounder	Furuno FCV-600L
VHF Radio Telephone	2 x Sailor RT2048, 25 Watt
VHF Handheld	Furuno & Jotron
Navtex	Furuno NAV-NX500
AIS	FA-150 (Class A)
Communication	VSAT - Inmarsat C - SSB - Phone

Contact Details

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