

EN AVANT 1

TECHNICAL INFORMATION



52

mt
Bollard Pull
Harbour and seagoing tug

Muller.

EN AVANT 1

HARBOUR | SEAGOING | SALVAGE & RESPONSE

General Information

Year built	2005
Builder	Damen Shipyards Gorinchem
Build type	Damen Stantug 2608
Class	Bureau Veritas
Classification	I HULL MACH Tug Unrestricted navigation AUT-UMS
Class Register nr	08584H
National Authorities	Dutch Shipping Inspection 200 nm coastal continuous service
Flag	Netherlands
Callsign	PHDP
IMO	9342102
Port of registry	Dordrecht

Main Particulars

Lenght o.a.	26.09 m
Breadth o.a.	7.94 m
Maximum draught	4.00 m
Air draught	22.39 m / 10.00 m (mast folded)
Gross tonnage	186 T
Nett tonnage	56 T

Performance

Bollard Pull max.	52.8 T
Bollard Pull cont	51 T
Speed	12,5 knots

Propulsion

Main Engines	2 x CAT Type 3512 B TA HD/B
Total power	3.500 hp (2610 kW) at 1600 rpm
Gearboxes	2 x Reintjes WAF 772 / 6.44:1
Type of propulsion	2 x Kaplan II fixed pitch propellers
Propellers	2 x 2360 mm
Nozzles	Van de Giessen Optima

Auxiliary Equipment

Generator sets	2 x Caterpillar 3304 B T
Capacity	100 kVA each 50Hz, 230/400 V
Fuel separator	Westfalia type
Internal FiFi system	CO2 in the engine room

Deck Lay-out

Anchor	2 x 270 kg Pool (H.H.P.)
Chain	17,5 mm - 137,5 m short link
Deck crane	HEILA HLRM 25-4S-L remote controlled 1.6 ton at 12.94 m / 9.0 ton at 2.79 m (seastate 0)
Anchor winch	0) Kraaijeveld, electric, 2T - 10m/min Vertical warping head

Towing winch

- Brake holding force
- Towing wire

Kraaijeveld, hydraulic, 30T - 10m/min
100 T
650 m - ø 44mm - MBL 1350 kN
Steel wire galvanised 6x36WS IWRC RHOL
1960N/mm

Spare wire

Tugger winch

Sternroller

650m - ø 44mm - MBL 1350 kN on reel
TMA, hydraulic, 4,5T - 15m/min, remote controlled
2200 x 710 mm, SWL 30 ton

Tank capacities

Fuel Oil (MGO)	80,10 m ³
Fresh Water	12,20 m ³
Lub Oil	1,90 m ³
Dirty Oil	2,00 m ³
Water Ballast	19,40 m ³

Accommodation

Heated and air-conditioned living spaces for 7 persons, consisting of a galley and mess room, captain's cabin and a 1st officer cabin on the main deck, two double crew cabins, a C.E cabin and sanitary facilities below deck.

Nautical & communication

GMDSS area	A1 A2 A3 equipped
Searchlights	PESCH 1000W
Compass	1 x Kotter type / 1 x gyro compass
Radar system	Furuno FR 1505 mk III
GPS	Furuno GP - 90
Autopilot	Radio Holland Seapilot 75
Echo sounder	Furuno FCV-582L
VHF Radio Telephone	2 x Sailor RT 4822, 25 Watt
VHF Handheld	2 x Axis-50
Navtex	Furuno NAV-NX500
AIS	FA-150
Communication	VSAT - Inmarsat C - SSB - Phone

Contact Details

E-mail	ea1@muller-dordrecht.nl
E-mail Office	operations@muller-dordrecht.nl
Sat-C Bridge	424637523@c12.stratosmobile.net
Sat-C Captain	424637524@c12.stratosmobile.net
Telephone Bridge	+31 (0) 611 875 475
Iridium Telephone	+881 622 444 178
Telephone Office	+31 (0) 786 392 000

Muller Dordrecht

T +31 (0) 78 639 2000 (24/7) | E sales@muller-dordrecht.nl | muller-dordrecht.nl

