

EN AVANT 7

TECHNICAL INFORMATION



21

mt
Bollard Pull
Harbour and seagoing tug

Muller.

EN AVANT 7

HARBOUR | SEAGOING | SALVAGE & RESPONSE

General Information

Year built	1981 (2019, Refurbished / new engines)
Builder	Damen Shipyards Gorinchem
Build type	Damen Stantug Mk 4
Class	Bureau Veritas
Classification	HULL I MACH Tug Unrestricted navigation AUT-UMS (SS)
Class Register nr	87C057
National Authorities	Dutch Shipping Inspection 200nm coastal continuous service
Flag	Netherlands
Call sign	PBEB
IMO	7625483
Port of registry	Dordrecht

Main Particulars

Length o.a.	22.50 m
Breadth o.a.	6.80 m
Min./Maximum draught	2.80 - 3.10 m
Air draught	15.50 m / 8.80 m (lowered mast)
Gross tonnage	108 T
Nett tonnage	32 T

Performance

Bollard Pull cont./max.	20.0 / 21.0 T
Speed	12.5 knots

Propulsion

Main Engines	2 x Mitsubishi type S6R-Z3MPTAW
Total power	1,622 hp (1,210 kW) at 1800 rpm
Gearboxes	2 x ZF-Masson ZFW3200 / 4.077:1
Type of propulsion	2 x fixed pitch propellers
Propellers	2 x 1380 mm
Nozzles	De Waal

Auxiliary Equipment

Generator sets	2 x John Deere / Stamford
Capacity	63.3 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 180 kg Pool (T.W.)
Chain	17.5 mm – 110 m short link
Anchor winch	Kraaijeveld, electric, 2T - 10 m/min
Towing winch	Kraaijeveld, hydraulic, 20T - 20 m/min
- Brake holding force	50 T
- Towing wire	600 m – ø 30 mm – MBL 628 kN Steel wire galvanised 6x36WS IWRC RHOL 1960N/mm
Capstan	EMCE, electric, 1.5 T – 14 m/min, remote controlled
Sternroller	fixed + towing pins

Tank capacities

Fuel Oil (MGO)	52.50 m ³
Fresh Water	6.40 m ³
Bilge water	2.00 m ³
Lub oil	1.00 m ³
Hydraulic Oil	1.00 m ³
Water Ballast	4.00 m ³

Accommodation

Heated and air-conditioned living spaces for 5 persons, consisting of a galley, mess room and sanitary facilities on the main deck, captain's cabin, 1st officer cabin, C.E cabin and a double crew cabin below deck.

Nautical & communication

GMDSS area	A2 equipped
Searchlights	Seematz 1000W
Compass, Magnetic	1 x Observer
Compass, Cyro	1 x Tokimec ES-110
Radar system, sea	Furuno FR 2110
Radar system, inland	Alphatron IMA 608
GPS	Leica Mk10
Autopilot	Radio Holland Seapilot 75
Echo sounder	Fishfinder 300
VHF Radio Telephone	2 x Sailor RM 2100, 25 Watt
VHF Handheld	2 x Icom IC GM1500E

Navtex	Furuno NAV-NX500
AIS	FA-150
Communication	Inmarsat C – SSB – Phone

Contact Details

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