

EN AVANT 7

Harbour & Seagoing Tug

The "En Avant 7" is a multi-purpose 20 tons bollard pull harbour / seagoing tug, icebreaker and equipped with salvage pumps. Since the foundation in 1918 we have been building on expertise, reliability and inventiveness in the marine business. With specialized equipment we can offer you a tailored fit service for your specific needs. Muller performs an independent, competitive harbour towage in the Rotterdam, Dordrecht and Moerdijk area. As a provider of transport solutions Muller operates short-and deep-sea tugs for the European market. Because of this service Muller is able to integrate transport activities. These tugs are available for towage assignments in the shipping, dredging, offshore and salvage industries.



MAIN PARTICULARS

LENGTH O.A.	22.5 M
BREADTH O.A.	6.8 M
MAXIMUM DRAFT	3.5 M
MINIMUM DRAFT	2.8 M
GROSS TONNAGE	108 GT
NETT TONNAGE	32 NT
CLASSIFICATION	DNV
CLASS	+ 1A1 TUG
FLAG	NETHERLANDS
BOLLARD PULL	20 T

If your transport seems impossible
our job is just getting started



General Information

Year of construction	1981
Builder	Damen - Hardinxveld - The Netherlands
Completely Refurbished	2003
Classification	Bureau Veritas
Class	● + 1A1 Tug
Flag	Netherlands
Call sign	PBEB
Port of registry	Dordrecht

Main Particulars

Length o.a.	22.5m
Breadth o.a.	6.8m
Maximum draft	2.8m
Minimum draft	2.25m
Gross tonnage	108 GT
Nett tonnage	32 NT
Bollard pull	20 tons

Bunker Capacity

Diesel oil	52.8 mtons
Fresh water	6.5 mtons

Engines / Propulsion

Type of propulsion	twin-screw with nozzles
Power output	1600 bhp / 1170 kW (2 x 800 bhp)
Main engines	2 x Man D-2842LE412 each 585 kW
Aux. engines	2 x John Deere 4045DF158 each 50 kVA
Max. speed in ballast	12 knots
Salvage pumps	2 x Ulex KS532A each 120 mtons additional salvage equipment can be supplied

Navigation and Communication Equipment

Magnetic compass	Observer
Gyro compass	Tokimec ES-110
Auto pilot	Seapilot 75
Sea radar	Furuno FR2110
River radar	Alphatron ima 608
Navtex	Furuno NX 500
GPS	Leica MK 10
Echo sounder	Fischfinder 300
Rate of turn Indicator	ECO 300
Hand held radio's	Two Icom IC GM1500E
VHF	Debeg 6348 Sailor RI 2948 Sailor RM 2100
Radio transmitter	Motorola
Telephone / fax	

Towing Equipment

Towing winch	Ridderinkhof
Rated pull	20 tons
Brake holding test	50 tons
Drum capacity	550m - 32mm



Rederij T. Muller bv
 Muller Zwaar Transport bv
 Merwekade 82 - 83
 P.O. Box 400
 3300 AK Dordrecht
 Telefoon +31 (0) 78 639 20 00
 Fax +31 (0) 78 639 20 19
 E-mail: sales@muller-dordrecht.nl
operations@muller-dordrecht.nl
 Web: www.muller-dordrecht.nl