



TRACTOR TUG ‘PORTO BARATTI’



BRIEF DESCRIPTION

PORTO BARATTI Type TRACTOR tug is specially designed to assist ships during berthing unberthing operations in port. With two SCHOTTEL azimuth thrusters, highly manoeuvrable, this tugboat has its drum towing winch located on the main deck aft, thus allowing to switch from towing to pushing within seconds. A towing hook is fitted on the main deck aft, giving an even higher operational flexibility. It offers a fire-fighting 1 (2 x 1200 cbm/hr) capability. The vessel is fitted with an automation for engine room, according to notation IAQ1.

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MAIN CHARACTERISTICS

LOA	27,00 meters
Breadth	9.10 meters
Breadth over all	9.12 meters
Max. Draught (extreme)	5.00 meters
GRT-Net T	194,37-17,05

REGISTRATION

Type of Vessel	Tractor Tug, IAQ1, Fire Fighting ship 1,
Year built	December 1997
Builder	C.N. Ferrari s.p.a.- La Spezia (Italy)
CALL Sign/Rina Nr	IFYN /
Classification	RINA 100A 1.1 , IAQ1, Fi-Fi 1 Tug , National Coastal

PERFORMANCE

Speed	12,00 knots
Direct Bollard Pull	43 tons =435,00 KN

PROPULSION –MACHINERY

Main Engines	2 x DEUTZ_Mannheim model SBV6M628 with a power of 2 x 1260 Kw at 1000 rpm
Gen Sets	2 x DEUTZ BF6M1013 x 100 kVA 50 Hz/380 V with possibilità to power supplì to third party
Harbour Gen Sets	1 DEUTZ F3L912GEN x 24 kVA 50 Hz/400 V
Propulsion Units	2 x Schottel pitch propellers in steerable kort nozzles
Propellers	2 Schottel SRP 1010 FP

ACCOMODATION

Accomodation	2 cabins for 1 officer plus spares, 4 cabin for 1 crew, total 6 persons, mess galley, stores, WC's and showers
Airconditioning	Fully airconditioned, temperatures as per ISO standards,

TOWING and SPECIAL EQUIPMENT

Fore Towing winch	-----
Aft Towing Winch	C. Kraijveld B.V. Hydraulic towing winch type KA8-H
Hook	Mampaey quick release disk type towing hook DCX 50/65

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TANK CAPACITIES

Fuel Oil	106 mc
Fresh Water	32,8 mc
Foam	12,6 mc
Lub Oil MMEE	
Waste Oil	
Lub Oil Hydr. system	
Sewage /sludge	3,4 mc
Ballast	

ELECTRONICS

Communication	FURUNO FS 1562/15it, FURUNO FM 8500
Navigation equipment	1 radar, 1 GPS, Gyrocompass, Magnetic Compass, Auto Pilot, Echo Sounder, AIS, Speed Log .

LIFE SAVING EQUIPMENT

	1 rigid rescue boat , 2 x Liferaft for 12 persons, 8 life jackets, 2 life buoys, line throwers, thermal suits all SOLAS approved
Solas Boat & Crane ILO	Approved boat and crane.

FIRE FIGHTING SYSTEM Class FI FI 1

Nr 2 x monitors of 1200 cbm/hr capacity each
Nr 2 pumps Fi-Fi 1, capacity of 1350 cbm and 14 bar pressure each with Deluge Spray System, water & foam

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