



"AQUATIC WARRIOR" | Twin Screw Tug / Workboat

Classification / Flag:

Flag / homeport	UK, London
Year of built	1998 (Hull no. 3210)
Classification	Bureau Veritas & MCA CAT-1 I ✠ Hull • Mach MACH Tug, <i>Unrestrct. navigation NSI - 200 miles out of coast / SPI – Cert.</i>
Class valid up to	2028
Call sign	PDGR
IMO number / MMSI number	8943569/ 246166000

Dimensions:

Length O.A.	20,70 meters
Beam / width	6,50 meters
Depth at sides	2,58 meters
Draft (min. – max.)	2,05 – 2,35 meters
Air draft (min. – max.)	6,70 meters
Gross / Nett tonnage	80 GT / 24 NT
Displacement	175 tons
Clear deck area	42 m ² / 1x 1 TEU
Deckload	2,5 ton/m ²

Tank capacities / Transfer:

Fuel oil / gasoil	35.000 liters
Fresh water	18.000 liters
Sludge	2.000 liters
Sewage	2.300 liters

Accommodation:

Facilities	Heated and air-conditioned 4 cabins, 4 bunks (4x single)
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Navigation & Radio:

Full ECDIS, Radar, Magnetic + Gyro compass, Auto pilot, GPS, AIS, Echo sounder, 2x VHF + DSC, SSB Radio, DSC Navtex, FBB, EPIRB, SART, 2x Inmarsat-C + GMDSS area A3, Satcom + GSM.

Performances:

Bollard pull	21,0 tons
Max speed	12,0 knots

Machinery:

Main engines	2x Cummins type QSK 19
Total output	1.104 kW = 1.500 BHP
Propulsion	Twin fixed propellers in nozzles
Gearboxes	2x Twin Disc, MG 5202, 5.04:1
Type propeller	Fixed pitch in Kort Nozzles
Diameter propellers	1,50 meters
Generator sets	2x Yanmar, 4TNV98C-I, 32kW
Generator power	2x 40 kVA, 50Hz, 220/380V
Hydraulic powerpack	Hydraulic pump on SB ME

Deck Equipment:

Towing/AH winch	Single drum type 35 / 16 tons pull force
Towing drum	500 meters x Ø 36 millimeters
Towing hook	Mampaey SWL 25 tons
Gob eye	Yes
Deck capstan	Yes
Push bow	Rubber fender
Moonpool	Netto: 485 x 490 mm
Stern roller	Yes
Main marine deck crane	SORMEC T 2000 M16KN/2S
Maximum lift capacity	1,7 tons(m) at 8,30 meters

	kg	2.800	2.100	1.700
	mtr	5,00	6,80	8,60

Bed Levelling Equipment / A-Frame:

A-Frame	Yes, available. SWL 10 tons
Dredging Plough	Optional

"AQUATIC WARRIOR" | General Arrangement

