

Doeve Brokers/Valuers vof
Sworn & EMCI Certificated Brokers
& Valuers S&P Yachts & Ships

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Tugboat Marlene with TRIWV

Dimensions (m)	18.22 x 4.22 x 1.80	Ref. no.	170506
Mooring	Near Rotterdam, Netherlands	Year	1901
		Material	steel

Vision Doeve Brokers

Former Dutch waterboat on steam power that was in operation in Rotterdam's port area until the mid 40's, after that she was completely converted into a Motortug. This boat is equipped with a beautiful diesel engine that runs very nicely. She is well maintained. The seller has removed the old interior, which allows the new owner to start installing a new interior. Equipped with a front cabin, large salon, wheelhouse (all with a headroom of at least 1.90 m) and a spacious cabin under the salon / wheelhouse. The engine room is spacious and well taken care of and fitted out with new diesel tanks. Behind the engine room is the generator room. A beautiful boat which is recognized in The Netherlands as a maritime heritage (no export restrictions).

General information

Yard:	Shipyard Machinefabriek v-h B. Wilton, NL-Rotterdam
Rebuilt year:	1955
Hull shape:	round bottom
Hull material:	iron/steel
Deck material:	iron/steel
Superstructure material:	steel
	teak top of the wheelhouse
Construction method:	riveted
	new steel is welded
	rubbing strake around
	bulwark around
	wide side decks (gunnels)
	4x bulkhead
Steering system:	mechanical
	wheel
	steel rudder
Windows:	hardwood window frames
	hardwood outside doors
Displacement (approx.):	70 ton
Ballast (approx.):	2,5 ton poured concrete
Airdraft (approx.):	everything down 3,90 m
Owner:	Dutch owner
Registration:	B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Colour / Paint System:	black hull
	black bulwark
	white superstructure
	brown superstructure
	very well maintained
Certificates:	inland waterways certificated (TRI WV / ES-TRIN)
	zone 2 Netherlands
	zone 3
	zone 4
	Waal, Lek & NL Rhine
	valid until: 06-2025
Suitable for / as:	inland shipping
	coastal waters
	suitable as a year round live- aboard
	recreational vessel
General information:	offered in the condition that she is in
	The ship is recognized as a Historic Vessel
Additional information:	tug
	tug bitts
	Great vessel for cruising on the coastal waters.
	Great vessel for cruising on the European canals and rivers.

Technical information

Enginepower:	150 Hp 110 kW
Engine brand:	Worthington
Revolutions:	600 RPM
Engine model:	air started
Number of cylinders:	5
Construction year engine:	1943
Running hours (approx.):	unknown
Fuel:	diesel
Fuel tank (approx.):	2x 1000 litre (nieuw / new / Neu / nouveau) 1x 100 litre steel tank(s)
Cooling system:	intercooling dry exhaust
Propulsion:	4 blade propeller greased lubrication of propeller shaft
Gearbox:	Brevo mechanical reduction/ratio 2:1
Speed (approx.):	13 km/hour cruising speed at 375 RPM 16 km/hour cruising speed at 500 RPM
Bow thruster:	Attema hydraulic bow thruster 20 Hp
Electricity system:	24 Volt 230 Volt shore power connection
Batteries:	1x 74 Ah starter batterie(s) generator 2x 230 Ah domestic batterie(s)
Battery charger:	Victron Skylla battery charger 24/50
Genny:	Lister diesel 8 kVA 230/400 Volt 1500 RPM
Alternator:	24 Volt
Inverter:	Xantrex inverter 24/1800
Fresh water tank (approx.):	1x 500 litre stainless steel tank(s)
Diesel waterseparator:	Separ diesel waterseparator
Engineroom:	see photographs
Bilge pump:	submersible pump
Gas system:	no gas on board
Additional information:	Petter auxiliary diesel engine air compressor air bottle

Accommodation

Interior:	no woodwork
Insulation:	no
Toilet / Heads:	hand pumptoilet
Headroom (approx.):	foc's hole (approx.) 1,90 m

cabin (approx.) 1,91 m
wheelhouse (approx.) 2,12 m
cabin (approx) 1,66 m

Navigation equipment

Navigation equipment:	Em-Trak A100 Automatic Identification System (AIS)
	Heathkit depth / echosounder
	ICOM IC-M58 VHF
	navigation lights
	horn
	laptop chartplotter (PC Navigo)

Rigging and sails

Mast:	lantern mast
	pine
Lowerable:	yes
	manual

Equipment

Anchor equipment:	manual anchor winch
	Klipp anchor
	anchor chain
	in hawse-hole
	warping drum
Searail / Pulpit:	searail on bulwark
Additional information:	spare parts











