

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

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## Tugboat Donau

Dimensions (m)	10.08 x 2.81 x 1.25	Ref. no.	190307
Mooring	Near Leiden, Netherlands	Year	1932
		Material	steel

## Vision Doeve Brokers

Beautifully lined and neatly tugboat which was in the past commercially used on the river Maas and later also in the Dutch lake district. Because of her low air draft and her dimensions, this is a boat that can go on almost all waterways. A lot of the techniques on board has been replaced and together with the solid engine this is an excellent opportunity to purchase an event worthy tugboat for a realistic price.

## General information

Yard:	Shipyard De Vliet van Fa. G. den Heeten, NL-Leiden
Hull shape:	round bilged
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
	stainless steel
	teak top side of the wheelhouse
Construction method:	riveted
	rubbing strake around
	bulwark around
Steering system:	mech. steering shafts
	wheel
	steel rudder
Windows:	portholes
	teak wooden outside doors
Displacement (approx.):	14 ton
Airdraft (approx.):	2,45 m
	1,80 m with dismantled wheelhouse
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 superstructure
	white superstructure
	last underwatership treatment (04-2019)
Certificates:	no certificate requirement
Suitable for / as:	recreational vessel
General information:	The ship is recognized as a Historic Vessel
Additional information:	tug bits
	towing hook
	tug
	classic motor yacht
	spacious aftdeck
	straight hull
	Great vessel for cruising on the European canals and rivers.
	Great vessel for cruising on the French canals and rivers.

## Technical information

Enginepower:	165 Hp
	121 kW
Engine brand:	GM Detroit
Revolutions:	1800 RPM
Engine model:	6061-A
Number of cylinders:	6
Construction year engine:	1977

Running hours (approx.):	1825 on the hour counter
Fuel:	diesel
Fuel tank (approx.):	2x 300 litre
	stainless steel tank(s)
Cooling system:	closed
	box cooler
	dry exhaust
	insulated exhaust
Gearbox:	Twin Disc hydraulic
	MG 508
	reduction/ratio 2,39:1
Heating:	Eberspächer hot air heating
	on diesel
Electricity system:	12 / 24 / 230 Volt
	230 Volt shore power connection
	Victron Digital Multicontrol
Batteries:	2x 220 Ah domestic batterie(s)
	2x 100 Ah starter batterie(s)
	Victron BMV 602S battery monitor
Battery charger:	Victron MultiPlus Compact combi inverter/charger 24/2000/50
Isolation transformer:	Alpha Galvanic Isolator
Earth-leakage breaker:	present
Alternator:	120 ampère
	24 Volt
Inverter:	Victron MultiPlus Compact combi inverter/charger 24/2000/50
	Studer inverter 24-12 Volt
Fresh water tank (approx.):	2x 100 litre
	stainless steel tank(s)
Water pressure system:	hydrophore pump
Hot water system:	boiler/water calorifier (230 Volt)
Diesel waterseparator:	present
Engineroom:	see photographs
Deck wash pump:	present
Gas system:	yes, bottle(s) in bottle box on deck

## Accommodation

Interior:	various materials have been used
	Formica with print interior
	see photographs
Insulation:	partly
Berth:	1x 2-pers
Toilet / Heads:	electric toilet
	toilet in the engine room
Galley:	sideways
Cooker:	3-burner hob
	on gas
	stainless steel
Fridge / Refrigerator:	present
	24 Volt

Washbasin:	stainless steel sink
Water tap:	hot & cold running water
Entertainment:	radio/CD player
Headroom (approx.):	wheelhouse (approx.) 1,95 m forward (approx.) 1,75 m

## Navigation equipment

Navigation equipment:	Shipmate RS8300 VHF VDO depth / echosounder navigation lights horn
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## Rigging and sails

Mast:	pine
Lowerable:	yes
	manual

## Equipment

Anchor equipment:	manual anchor winch anchor chain Klipp anchor in hawse-hole
Awnings:	wheelhouse cover
Searail / Pulpit:	searail on bulwark
Additional information:	hard wooden skylight aluminium gangway Survey report of the underwatership is available (04-2019)