

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

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Tugboat 16.80

Dimensions (m)	16.80 x 3.85 x 1.55	Ref. no.	181007
Mooring	Near Muiden, Netherlands	Year	1926
		Material	steel

Vision Doeve Brokers

Former steam tug of the German harbor police in D-Hamburg (Hafenpolizei 13), which was equipped with a diesel engine in 1964. In recent years this boat has been used for recreational use. The thoughtful interior gives a lot of space inside including 2 cabins, a shower, 2 bathrooms and a wheelhouse with a good sitting area. The aft deck is covered with a plywood bimini with canvas sides creating a pleasant sitting area to stay with all the weather conditions we have here. There is even a small galley installed. The engine room is equipped with a beast of a diesel engine and a whisper generator set.

General information

Yard:	Shipyard H.C. Stülcken & Sohn, D-Hamburg
Hull shape:	round bilged
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	hardwooden top side of the wheelhouse
	riveted
	bulwark
	stainless steel cleats
Steering system:	Sturdy, heavily constructed
	3 watertight bulkhead(s)
	hydraulic
	wheel
Displacement (approx.):	steel rudder
	35 ton
	everything down 3,30 m
Owner:	Dutch owner
Colour / Paint System:	black hull
	black bulwark
	see photographs
	last underwatership treatment 09-2018
Certificates:	no certificate requirement
Suitable for / as:	recreational vessel
	inland waterways
	coastal waters
General information:	offered in the condition that she is in
Additional information:	forepeak with chain locker
	Hull shape is suitable for drying out.
	tug
	towing hook
	rope fender around
	bow fender
	Great vessel for cruising on the European canals and rivers.
	Great vessel for cruising on the coastal waters.

Technical information

Enginepower:	485 Hp
	356 kW
Engine brand:	Henschel
Revolutions:	1600 RPM
Engine model:	12V1416A
Number of cylinders:	V-12
Construction year engine:	1964
Fuel:	diesel
Fuel tank (approx.):	1150 litre

	2 tank(s)
Cooling system:	intercooling
	dry exhaust
Propulsion:	3 blade propeller
	greased lubrication of propeller shaft
Gearbox:	Reintjes WAV 330 hydraulic
	1964
	reduction/ratio 3,5:1
Speed (approx.):	6,5 knots cruising speed at 650 RPM
	10 knots top speed
Heating:	central heating
	on diesel
Bow thruster:	Sleipner Side-Power 200TCI electric bow thruster
	200 KGF
	10 kW
	24 Volt
Electricity system:	24 / 230 Volt
	230 Volt shore power connection
Batteries:	domestic batterie(s)
	starter batterie(s)
	starter batterie(s) generator
	bow thruster batterie(s)
Battery charger:	Studer XPC-2200-24 combi inverter/charger 24/2200/16
	Philippi ALC battery charger 24/25
	Mobitronic 925-024 battery charger 24/25
Battery isolator:	Mastervolt battery isolator
Earth-leakage breaker:	present
Genny:	Kohler whisper set
	3 kVA
	230 Volt
	diesel
Inverter:	Studer XPC-2200-24 combi inverter/charger 24/2200/16
	Fraron inverter 24/2500
Fresh water tank (approx.):	750 litre
	1 stainless steel tank(s) &
	200 litre
	waterbag
Water pressure system:	electric water pump
Hot water system:	boiler/water calorifier (230 Volt)
Holding tank (approx.):	180 litre
	3 tank(s)
Diesel waterseparator:	2 present
Engineroom:	see photographs
Bilge pump:	general service pump
	also deckwash pump
Gas system:	present
	does not fully meet current safety requirements
Additional information:	air compressor

Accommodation

Interior:	simple interior see photographs
Insulation:	partly
Cabins:	2 cabins
Berth:	Forward: 1x 2-pers Guest cabin(s): 1x 2-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	shower
Toilet / Heads:	Portside: hand pump toilet washbasin with hot & cold running water Starboard: electric toilet washbasin with hot & cold running water
Galley:	sideways
Cooker:	2-burner hob on gas
Oven:	microwave/oven
Fridge / Refrigerator:	present 230 Volt
Freezer:	small ice compartment
Washbasin:	stainless steel sink
Water tap:	hot & cold running water
Headroom (approx.):	foc's hole (approx.) 2,02 / 2,26 m corridor / walkthrough (approx.) 1,94 m guest cabin (approx.) 1,95 m bathroom / toilet (approx.) 1,92 m shower (approx.) 1,90 m wheelhouse (approx.) 2,14 m

Navigation equipment

Navigation equipment:	Garmin 3006C chartplotter / GPS / radar compass ICOM M59 Euro VHF Technautic autopilot Clipper depth / echosounder 3x window wiper horn 2x search light navigation lights blue board
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Rigging and sails

Mast:	steel
Lowerable:	yes manual

Equipment

Anchor equipment:	manual windlass with hydraulic motor
	warping drum

Bimini:	sun awning
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Safety:	fire extinguishers
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Additional information:	sliding hatch
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