

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

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## Tug boat 15.20, top condition

Dimensions (m)	15.20 x 4.20 x 1.65	Ref. no.	170206
Mooring	Near 's-Hertogenbosch, Netherlands	Year	1942
		Material	steel

## Vision Doeve Brokers

Former tug boat that has been converted into a pleasure craft. No costs have been spared to restore this sailing heritage to her beautiful current state. A beautiful example of craftsmanship and love. The hull has been completely conserved at the inside and the hull thickness is more than sufficient. The engine room was completely emptied, then sandblasted and conserved. The engine, a 120 Hp Industrie, and the gearbox were almost completely overhauled by a specialist of Industrie engines. The fuel tanks have been replaced and a waste water tank has been installed. The toilet, galley and seating area are in front. In the rear cabin are 3 berths and a wash basin. The ship is in a very good condition.

## General information

Yard:	Shipyards Voorwaarts, NL-West Graftdijk
Hull shape:	round bottom
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	teak top side of the wheelhouse (2003/2004)
	riveted and welded hull
	riveted and welded superstructure
	closed bollard cabinets
Keel:	rubbing strake around (nieuw / new / neu / nouveau)
	bilge keels
	bilge keels
	hydraulic
Steering system:	wheel
	bronze portholes
Windows:	wood window frames
	49 ton
Displacement (approx.):	2,00 m everything down
Airdraft (approx.):	Dutch owner
Owner:	black hull
Colour / Paint System:	black bulwark
	cream superstructure
	one component system
	last underwatership treatment (2017)
Certificates:	no certificate requirement
Suitable for / as:	inland waterways
	recreational vessel
Additional information:	classic lines
	beautiful sheer
	tug
	straight hull
	cruiser
	wheelhouse
	tug bitts
	Great vessel for cruising on the European canals and rivers.
Great vessel for cruising on the French canals and rivers.	

## Technical information

Enginepower:	120 Hp
	88 kW
Engine brand:	Industrie
Revolutions:	340 RPM
Engine model:	3 VD 6 air started
Number of cylinders:	3
Construction year engine:	1942

Overhaul engine:	2004 reconditioned by Nigo Motorenrevisie, NL- Leimuiden
Fuel:	diesel
Fuel tank (approx.):	2x 1800 litre
	steel tank(s) (2003)
	1x 100 litre
	daytank(s)
	waterbag(s)
Cooling system:	box cooler & direct cooling system
Propulsion:	3 blade propeller 122 cm greased lubrication of propeller shaft
Gearbox:	Industrie (1942) mechanical 2005 reconditioned
Heating:	Kabola central heating on diesel
Electricity system:	12 / 24 / 230 Volt
Batteries:	2x 220 Ah domestic batterie(s)
Battery charger:	Mastervolt Mass battery charger 24/75
Isolation transformer:	Mastervolt Mass GI 3.5 isolation transformer
Earth-leakage breaker:	present
Alternator:	110 ampère 24 Volt
Inverter:	Patronix DCB-20 inverter 24-12/20 Mastervolt Mass Sine inverter 24/2500 Victron Orion inverter 24-12 Volt
Fresh water tank (approx.):	2x 450 litre stainless steel tank(s) (2003)
Water pressure system:	electric water pump
Hot water system:	geyser (gas heater)
Holding tank (approx.):	1x 200 litre stainless steel tank(s) (nieuw / new / neu / nouveau)
Engineroom:	very well maintained
Bilge pump:	present
Gas system:	present bottlebox
Additional information:	2x air bottle air compressor

## Accommodation

Interior:	teak interior
Insulation:	yes
Cabins:	1x cabin
Berth:	Aft: 1x 2-pers Aft: 1x 1-pers
Lay-out plan (not to scale):	see attachment
Toilet / Heads:	electric toilet
Galley:	along ships
Cooker:	4-burner hob

	on gas
	stainless steel
Fridge / Refrigerator:	Electrolux 12/230 Volt
Worktop:	plastic worktop
Washbasin:	sink
Water tap:	hot & cold running water
Headroom (approx.):	foc's hole (approx.) 1,95 m
	aftcabin (approx.) 1,81 m
	wheelhouse (approx.) 1,99 m
Additional information:	very well maintained

## Navigation equipment

Navigation equipment:	Simrad depth / echosounder
	Radio Holland Euro 500 follow up steering
	Radio Holland Euro 500 river autopilot (follow-up steering )
	Radio Holland Euro 500 rudder indicator
	Sailor RT-2048 VHF
	navigation lights
	horn light

## Rigging and sails

Mast:	lantern mast
	steel
Lowerable:	yes
	manual

## Equipment

Anchor equipment:	manual anchor winch
	Klipp anchor
	anchor chain
	in hawse-hole
Awnings:	wheelhouse cover
Safety:	fire extinguishers
Additional information:	deckshower
	Survey report of the underwatership is available