

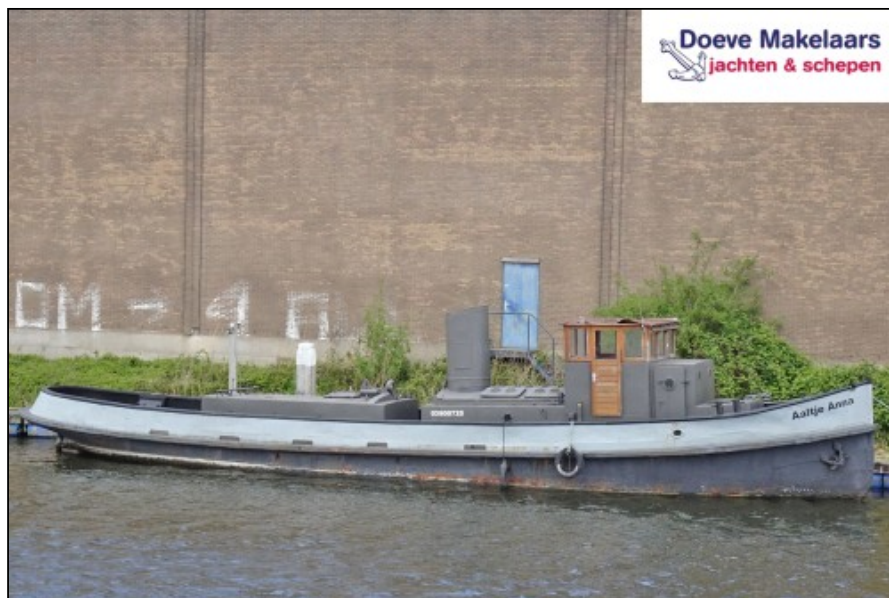
Doeve Brokers/Valuurs vof
Sworn & EMCI Certificated Brokers
& Valuurs S&P Yachts & Ships

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Tugboat 18.80 with TRIWV

Dimensions (m)	18.80 x 4.05 x 1.50	Ref. no.	220405
Mooring	Near Amsterdam, Netherlands	Year	1893
		Material	steel

Vision Doeve Brokers

Former German steam tugboat that has been equipped with a beautiful marine diesel in the early 1970s. It is a boat that needs love and attention, but where someone with 2 right hands will have a great recreational tugboat. The interior is very simple. With her folding wheelhouse, an air draft of approximately 2.75 meters is reachable, so that some lower bridges can also be passed without any problems. The certificate is valid until September 2024.

General information

Yard:	unknown
Hull shape:	round bottom
Hull material:	iron/steel
Deck material:	iron/steel
Superstructure material:	iron/steel
Construction method:	hardwooden top side of the wheelhouse
	riveted
	new steel is welded
	rubbing strake around
	bulwark
	4 watertight bulkhead(s)
	forecastle
	deckhouse
	mechanical
	wheel
Displacement (approx.):	60 metric tons
	estimated
Airdraft (approx.):	3,35 m
	2,75 m everything down
	with dismantled wheelhouse
Owner:	Dutch owner
Colour / Paint System:	black hull
	grey bulwark
	see photographs
	last underwatership treatment 09-2017
Certificates:	inland waterways certificated (TRI WV / ES-TRIN)
	zone 2 Netherlands
	zone 3
	zone 4
	Waal, Lek & NL Rhine
Suitable for / as:	valid until: 09-2024
	inland waterways
	recreational vessel
General information:	offered in the condition that she is in
Additional information:	tug
	towing hook
	classic lines
	forepeak with chain locker
	Great vessel for cruising on the European canals and rivers. spacious aftdeck

Technical information

Enginepower:	150 Hp
	110 kW
Engine brand:	SKL

Revolutions:	750 RPM
Engine model:	6 NVD 24 air started
Number of cylinders:	6
Construction year engine:	1971
Running hours (approx.):	unknown
Fuel:	diesel
Fuel tank (approx.):	5000 litre
	2 steel tank(s)
	& 1 daytank(s)
Cooling system:	direct cooling system
	dry exhaust
Propulsion:	3 blade propeller
	greased lubrication of propeller shaft
Gearbox:	VEB Getriebewerk Gothe 172
	hydraulic
Fresh water tank (approx.):	1000 litre
Water pressure system:	hydrophore pump
Engineroom:	see photographs
Bilge pump:	present
Additional information:	400 Volt air compressor
	3x air bottle
	Bernard auxiliary diesel engine (niet geplaatst / not installed / nicht installiert / ne pas installé)

Accommodation

Interior:	simple interior
	see photographs
Insulation:	no
Cabins:	2 cabins
Berth:	Forward: 2x 1-pers
	Aft: 2x 1-pers
Toilet / Heads:	above water toilet
Galley:	sideways
Worktop:	formica worktop
Washbasin:	stainless steel sink
Headroom (approx.):	foc's hole (approx.) 2,23 m
	wheelhouse (approx.) 2,06 m
	aftcabin (approx.) 1,77 m
Additional information:	overdue maintenance

Navigation equipment

Navigation equipment:	Automatic Identification System (AIS)
	VHF
	horn

Equipment

Anchor equipment:	manual anchor winch
	Spek anchor
	anchor chain
	cabestan
Safety:	life buoys
	fire extinguishers
	according to the certification requirements
Additional information:	Survey report of the underwatership is available (09-2017)