

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

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## Tugboat Avontuur with TRIWV

Dimensions (m)	17.73 x 4.05 x 1.85	Ref. no.	211005
Mooring	Near Hoorn, Netherlands	Year	1896
		Material	steel

### Vision Doeve Brokers

Former steam tug which was converted from steam to diesel in 1948. The boat has a valid Community certificate for pleasure craft (TRIWV / ES-TRIN). Recognized as Sailing Heritage does this boat qualify for berths in the various museum harbors in The Netherlands (no restrictions when she will be sold to other countries). She is also a welcome guest at nautical events. In the front there is the salon, it features a renewed warm and cozy interior. In the aft there are the bedroom and the bathroom. The Bolnes engine stands in a spacious engine room and is a magnificent engine.

## General information

<b>Yard:</b>	Shipyard Wed. A. van Duijvendijk, NL-Papendrecht
<b>Hull shape:</b>	round bilged
<b>Hull material:</b>	iron/steel
<b>Deck material:</b>	iron/steel
<b>Superstructure material:</b>	iron/steel
<b>Construction method:</b>	riveted
	new steel is welded
	rubbing strake around
	bulwark
	aftcabin
	forecabin
	Sturdy, heavily constructed
<b>Steering system:</b>	mechanical
	wheel
<b>Windows:</b>	brass window frames
	hardwooden door
<b>Displacement (approx.):</b>	maximum allowable displacement 73,092 m <sup>3</sup>
	displacement in empty condition 61,618 m <sup>3</sup>
	displacement 11,474 m <sup>3</sup>
<b>Ballast (approx.):</b>	present
<b>Airdraft (approx.):</b>	3,80 m
<b>Owner:</b>	Dutch owner
<b>Registration:</b>	Dutch registered
	B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
<b>Colour / Paint System:</b>	black hull
	black bulwark
	red striping
	white superstructure
	11-2020 last underwatership treatment
	some overdue maintenance
<b>Certificates:</b>	inland waterways certificated (TRI WV / ES-TRIN)
	zone 2 Netherlands
	zone 3
	zone 4
	Waal, Lek & NL Rhine
	valid until: 12-2025
<b>Suitable for / as:</b>	recreational vessel
	inland waterways
	suitable for bigger waterways
<b>General information:</b>	The ship is recognized as a Historic Vessel
<b>Additional information:</b>	forepeak with chain locker
	spacious aftdeck
	tug bits
	towing hook
	Great vessel for cruising on the European canals and rivers.

## Technical information

Enginepower:	180 Hp
	132 kW
Engine brand:	Bolnes
Revolutions:	450 RPM
Engine model:	3 KL
Number of cylinders:	3
Construction year engine:	1961
Running hours (approx.):	unknown
Fuel:	diesel
Fuel tank (approx.):	2x 1300 litre
	1x 50 litre
	waterbag(s)
Cooling system:	intercooling
	dry exhaust
Propulsion:	4 blade propeller
	greased lubrication of propeller shaft
Gearbox:	Brevo 510
	hydraulic
	reduction/ratio 2:1
Speed (approx.):	18 km/hour cruising speed at 350 RPM
	24 km/hour top speed at 450 RPM
Heating:	Somy central heating
	on diesel
	also engine heating
Electricity system:	12 / 230 Volt
	230 Volt shore power connection
	simple electric system
Batteries:	2x 230 Ah
Battery charger:	Victron Blue Power battery charger 12/30
Inverter:	Mastervolt Mass inverter 12/1200
Fresh water tank (approx.):	1x 150 litre
	stainless steel tank(s)
Water pressure system:	electric water pump
Bilge pump:	by engine
	also deckwash pump
	submersible pump
Gas system:	present
	Gas certificate
Additional information:	air compressor
	2x air bottle

## Accommodation

Interior:	various materials have been used
	see photographs
Insulation:	Rockwool
Cabins:	1 cabin
Berth:	Aft: 2x 2-pers

	Forward: 1x 2-pers & 1x 1-pers
Lay-out plan (not to scale):	see attachment
Toilet / Heads:	Aft:
	washbasin
	cold running water
	hand pump toilet
Galley:	sideways
Cooker:	2x 2-burner hob
	on gas
Fridge / Refrigerator:	coolbox (2020)
	230 Volt
Worktop:	stainless steel worktop
Washbasin:	stainless steel sink
Water tap:	cold running water
Entertainment:	radio/CD player
Headroom (approx.):	foc's hole (approx.) 1,80 m
	wheelhouse (approx.) 1,89 m
	aftcabin (approx.) 1,43 m
Additional information:	The vessel will be delivered as without the private goods like furniture, clothing, artwork and tools.
	very well maintained

## Navigation equipment

Navigation equipment:	MLR Valsat 2008 M2 GPS
	Clipper depth / echosounder
	2x window wiper
	Automatic Identification System (AIS)
	Sailor RT 2048 VHF
	navigation lights
	horn light
	horn
	search light
	clinometer

## Rigging and sails

Mast:	pine
Lowerable:	yes
	manual

## Equipment

Anchor equipment:	manual anchor winch
	Klipp anchor
	anchor chain
	in hawse-hole
Bimini:	bimini top above aftdeck
Boarding ladder:	present

	aluminium
Dinghy:	present
	Plastic
	outboard engine
	2 Hp
Safety:	4 fire extinguishers
	3 life buoys
	life jackets
	according to the certification requirements
Additional information:	teak wooden skylight
	set deck furniture













