

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

Westhavenkade 87c  
NL-3133 AV Vlaardingen

Phone +31 (0)10 248 98 30  
Mobile +31 (0)653 20 20 84

E-mail [info@doevemakelaar.nl](mailto:info@doevemakelaar.nl)  
Website [www.doevemakelaar.nl](http://www.doevemakelaar.nl)  
[www.doeve.be](http://www.doeve.be)  
[www.doeve.fr](http://www.doeve.fr)

IBAN NL82 INGB 0664 0466 73  
CoC Rotterdam 24266857  
VAT NL8214.04.520.B01



## Tugboat 13.14 Volharding

€ 57.500,--

VAT not applicable

Dimensions (m)	13.14 x 3.22 x 1.40	Ref. no.	241107
Mooring	Near Utrecht, Netherlands	Year	1929
		Material	steel

## Vision Doeve Brokers

A beautifully maintained tugboat, awarded Tugboat of the Year in 2019 during the Tugboat Days in NL-Zwartsluis. The aft cabin has been tastefully and practically converted into a comfortable living space with two sleeping berths and a toilet area. The engine room offers ample space, not only for motor maintenance but also for a spacious workbench. A hull inspection report is available. In the wheelhouse, you will find the comprehensive instruments alongside a cozy seating area, featuring two benches and a table, from which you have an excellent panoramic view of the surroundings. From the wheelhouse, you enter the fore cabin, which features a cozy seating area and an U-shaped galley. This impressive tugboat combines space, functionality and comfort and is completely ready for her new owner.

## General information

<b>Yard:</b>	Shipyard A. Apol, NL-Wirdum
<b>Hull shape:</b>	round bilged
<b>Hull material:</b>	steel
<b>Deck material:</b>	steel
<b>Superstructure material:</b>	steel
	hardwooden top side of the wheelhouse
<b>Construction method:</b>	riveted
	new steel is welded
	deckhouse
	forward deckhouse
	rubbing strake around
	bulwark around
	bollards
<b>Steering system:</b>	mechanical
	wheel
<b>Windows:</b>	wood window frames
	bronze portholes
	hardwood outside doors
<b>Displacement (approx.):</b>	32 metric tons
<b>Ballast (approx.):</b>	poured concrete
	concrete tiles
	steel
<b>Airdraft (approx.):</b>	3,20 m everything down
<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
	brown superstructure
	last underwater treatment 10/2020
	very well maintained
	see photographs
<b>Certificates:</b>	no certificate requirement
<b>Suitable for / as:</b>	inland waterways
	recreational vessel
<b>General information:</b>	The ship is recognized as a Historic Vessel
	Old age clause applicable.
<b>Additional information:</b>	classic motor yacht
	tug
	tug bits
	towing hook
	bow fender
	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:	Ford Lehman
Revolutions:	2500 RPM
Engine model:	2715E
Number of cylinders:	6
Construction year engine:	1981
Running hours (approx.):	4200
Fuel:	diesel
Fuel tank (approx.):	2x 370 litre
	1x 100 litre
	steel tank(s)
Cooling system:	closed
	Blokland box cooler
	dry exhaust
Propulsion:	3 blade propeller
	greased lubrication of propeller shaft
Gearbox:	Capitol hydraulic
	reduction/ratio 3,5:1
Heating:	Planar 44D-24 hot air heating
	on diesel
Electricity system:	12 / 24 / 230 Volt
	230 Volt shore power connection
Batteries:	1x 225 Ah starter batterie(s)
	2x 225 Ah domestic batterie(s)
Battery charger:	Victron Blue Power battery charger 12/30
	Victron Blue Power battery charger 24/15
Genny:	Ferrymann diesel genny
	2,5 kVA
	3000 RPM
Inverter:	Victron Phoenix inverter 24/1600
Solar panels:	3x 100 Watt
	Steca PR 2020 charge controller & 1x Solar Charge Controller
Fresh water tank (approx.):	1x 400 litre
	steel tank(s)
	cemented tank(s)
Water pressure system:	electric water pump
Diesel waterseparator:	present
Engineroom:	very well maintained
Bilge pump:	1x 24 Volt
	1x 230 Volt
	1x manual pump
Deck wash pump:	1x 230 Volt
Gas system:	present
	bottlebox

## Accommodation

Interior:	pine ceiling with laths (classic)
	synthetic floor(s)
	wooden floor(s)
	various materials have been used
	see photographs
Insulation:	yes
	glass wool with aluminium foil
Cabins:	1 cabin
Berth:	Aft: 2x 1-pers
	Sofa bed: 1x 2-pers
Lay-out plan (not to scale):	see attachment
Toilet / Heads:	electric toilet
Galley:	U-shape galley
Cooker:	4-burner hob
	on gas
	stainless steel
Fridge / Refrigerator:	Dometic fridge / refrigerator
Freezer:	small ice compartment
Worktop:	tiled worktop
Washbasin:	stainless steel sink
Water tap:	cold running water
Entertainment:	JVC KD-R481 radio/CD/MP3 player
Headroom (approx.):	galley (approx.) 1,98 m
	salon (approx.) 1,88 m
	wheelhouse (approx.) 1,88 m
	aftcabin (approx.) 1,74 m
Additional information:	The vessel will be delivered with everything on board less personal effects & artwork.

## Navigation equipment

Navigation equipment:	2x Lowrance LVR-250 VHF with DSC
	Matsutec Automatic Identification System (AIS) Class B
	rudder indicator
	2x window wiper
	search light
	navigation lights
	horn light
	barometer
	hygrometer
	thermometer
	clock
	horn
	2x ships bell

## Rigging and sails

Mast:	lantern mast
	wood
Lowerable:	yes

## Equipment

Anchor equipment:	manual anchor winch
	Klipp anchor
	anchor chain
	in hawse-hole
Searail / Pulpit:	searail on bulwark
	grab rail
Safety:	3x fire extinguisher
	gasdetector
	carbon monoxide detector(s)
Additional information:	hard wooden skylight
	Survey report of the underwatership is available (10-2020)



















