

Doeve Brokers/Valuurs vof
Sworn & EMCI Certificated Brokers
& Valuurs 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
Website www.doevemakelaar.nl
www.doeve.be
www.doeve.fr

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



Tugboat 13.14 Volharding

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-Vianen. 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

Yard:	Shipyard A. Apol, NL-Wirdum
Hull shape:	round bilged
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
	hardwooden top side of the wheelhouse
Construction method:	riveted
	new steel is welded
	deckhouse
	forward deckhouse
	rubbing strake around
	bulwark around
	bollards
Steering system:	mechanical
	wheel
Windows:	wood window frames
	bronze portholes
	hardwood outside doors
Displacement (approx.):	32 metric tons
Ballast (approx.):	poured concrete
	concrete tiles
	steel
Airdraft (approx.):	3,20 m everything down
Owner:	Dutch owner
Registration:	Dutch registered
	B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Colour / Paint System:	black hull
	brown superstructure
	last underwater treatment 10/2020
	very well maintained
	see photographs
Certificates:	no certificate requirement
Suitable for / as:	inland waterways
	recreational vessel
General information:	The ship is recognized as a Historic Vessel
	Old age clause applicable.
Additional information:	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
Additional information:	spare propeller brons / bronze

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
	manual

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)











