Doeve Brokers
yachts & ships

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

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Tugboat 15.63, ES-TRIN certified

Sold

VAT not applicable

Dimensions (m)	15.63 x 3.40 x 1.50	Ref. no.	260803
Mooring	Near Amsterdam, Netherlands	Year	1914
		Material	steel

Vision Doeve Brokers

This characterful former steam tug is a fine example of sailing maritime heritage. Around 1946, the vessel was converted and the original steam engine was replaced by a diesel engine. Today, propulsion is provided by a powerful 6-cylinder diesel engine of 165 hp / 121 kW. Although this recreational tug is not subject to certification requirements, she has a valid certificate until August 2029. A notable feature is that both the forepeak and aft accommodation are directly accessible from the wheelhouse. Combined with approximately 1.98 metres of headroom below deck, this is certainly not usual for a tug of this type and considerably enhances comfort on board. The galley is situated in the foreship and is equipped with an induction hob. The V-shaped dinette also provides practical sleeping accommodation and can be used as two separate single berths or converted into one double bed. A unique opportunity for the tugboat enthusiasts looking for an authentic vessel that is not only in a very good state of maintenance but also offers modern comfort. We expect that the new owner of the Carbon will be a very welcome participant at many maritime events.

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General information

Yard:	Shipyard Van Eijk & Zn, NL- Overschie
Hull shape:	round bilged
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	riveted
	new steel is welded
	flush deck
	rubbing strake around
	bulwark
	1 watertight bulkhead(s)
	Sturdy, heavily constructed
	closed bollard cabinets
	aft cabin below
Steering system:	hydraulic
	wheel &
	joystick
Windows:	portholes
	hardwood window frames
	hardwood outside doors
Displacement (approx.):	30 metric tons
Airdraft (approx.):	3,15 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
	black bulwark
	cream superstructure
	last underwatership treatment 09-2022
Certificates:	inland waterways certificated (TRIWV / ES-TRIN)
	zone 2 Netherlands
	EU zone 3
	EU zone 4
	Waal, Lek & NL Rhine
	valid until: 08-2029
	no certificate requirement
Suitable for / as:	inland waterways
	suitable for bigger waterways
	recreational vessel
General information:	The ship is recognized as a Historic Vessel
	Old age clause applicable.
Additional information:	tug bitts
	towing hook
	classic motor yacht
	tug
	spacious aftdeck

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	roomy foredeck
	Great vessel for cruising on the European canals and rivers.
	Great vessel for cruising on the French canals and rivers.

Technical information

Enginepower:	165 Hp
	121 kW
Engine brand:	GM Detroit
Revolutions:	1600 RPM
Engine model:	671
Number of cylinders:	6
Construction year engine:	1988
Running hours (approx.):	6500 on the hour counter
Fuel:	diesel
Fuel tank (approx.):	700 litre
	1 steel tank(s)
Cooling system:	closed
	cooling pipes
	dry exhaust
Propulsion:	3 blade propeller
	greased lubrication of propeller shaft
Gearbox:	Twin Disc hydraulic
	reduction/ratio 3,39 : 1
Speed (approx.):	11 km/hour cruising speed at 1000 RPM
	16 km/hour top speed
Heating:	Kabola B12TAP central heating
	combi boiler
	on diesel
Bow thruster:	hydraulic bow thruster
	proportional
Electricity system:	24 / 230 Volt
	230 Volt shore power connection
	Victron Phoenix Multi Control
Batteries:	2x 230 Ah starter batterie(s)
	2x 230 Ah domestic batterie(s)
	2x 230 Ah domestic batterie(s)
	1x 74 Ah starter batterie(s) generator
Battery charger:	Victron Phoenix MultiPlus combi inverter/charger 24/2000/60
	Einhell Eurofix battery charger
Genny:	Hatz 1D80C whisper diesel
	4 kVA 230 Volt
	1500 RPM
Inverter:	Victron Phoenix MultiPlus combi inverter/charger 24/2000/60
Solar panels:	1 solar panel
	Solarfam MPPT Solar Charge Controller charge controller
Fresh water tank (approx.):	650 litre
	1 steel tank(s)
Water pressure system:	hydrophore pump
Hot water system:	through the central heating

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Holding tank (approx.):	350 litre
	1 plastic tank(s)
Diesel waterseparator:	present
Bilge pump:	2x 24 Volt
	submersible pump
Deck wash pump:	present
	230 Volt
Gas system:	no gas on board
Additional information:	Airpress air compressor

Accommodation

Interior:	mahogany interior
	very well maintained
	see photographs
Insulation:	available
Cabins:	1 cabin
Berth:	owners cabin: 1x 2-pers
	Forward: 1x 2-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	shower cubicle
	thermostat tap
	washbasin with mix tap and hot & cold running water
	in 1 area together with the toilet
Toilet / Heads:	electric toilet
Galley:	U-shape galley
Cooker:	4-burner hob
	induction cooker
	cookerhood
Fridge / Refrigerator:	present
	230 Volt
Freezer:	present
	230 Volt
Worktop:	formica worktop
Washbasin:	1 sink
Water tap:	mixer tap with hot & cold running water
Entertainment:	radio/CD player
Headroom (approx.):	foc's hole (approx.) 1,98 m
	galley (approx.) 1,93 m
	wheelhouse (approx.) 1,87 m
	aftcabin (approx.) 2,01 m
	bathroom (approx.) 2,06 m
	shower (approx.) 1,97 m

Navigation equipment

Navigation equipment:	2x Sailor RT144 VHF
	Alewijnse Explorer A4 Automatic Identification System (AIS)
	GPS

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	blue board with oscillating light
	navigation lights
	rudder indicator
	search light
	horn
	window wiper

Rigging and sails

Mast:	wooden mast
	lantern mast
Lowerable:	yes
	manual

Equipment

Anchor equipment:	hydraulic anchor winch
	Klipp anchor
	anchor chain
	in hawse-hole
Awnings:	cover around woodwork wheelhouse
Bimini:	bimini top above aftdeck
Searail / Pulpit:	searail on bulwark
Dinghy:	present Helderse vlet
	Minn Kota outboard engine
	= electric engine
Davits:	present
	stainless steel
Safety:	fire extinguishers
	life buoys
	life jackets
	according to the certification requirements
Additional information:	skylight
	cover over skylight
	steering chair
	Survey report of the underwatership is available

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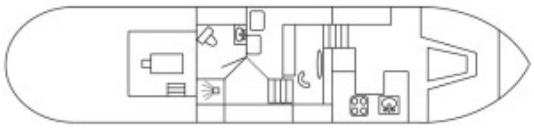

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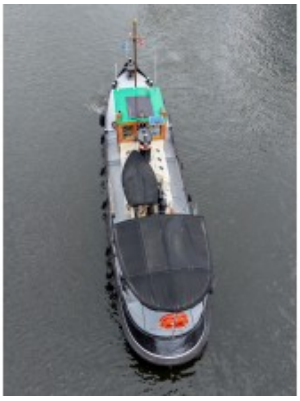

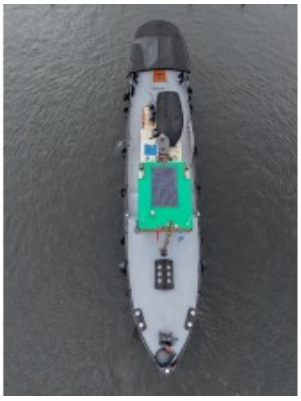

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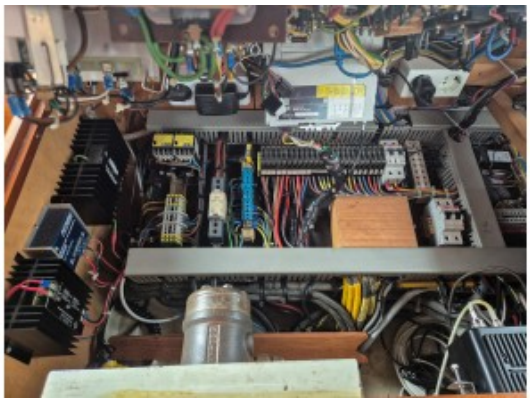

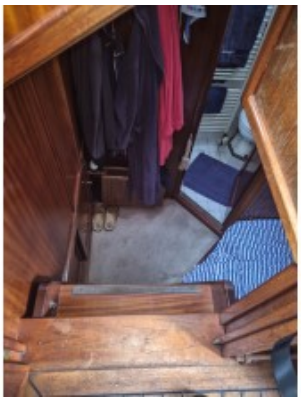

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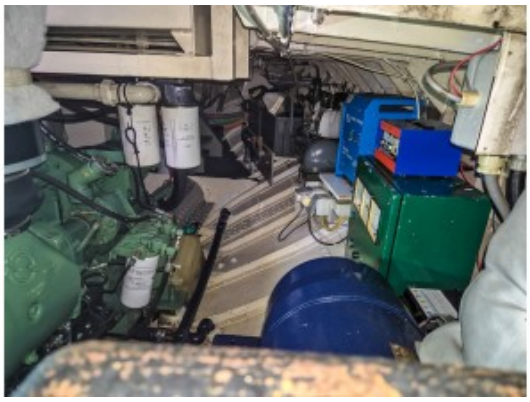

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