

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

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## Dutch Barge 20.28 with TRIWV

Dimensions (m)	20.28 x 4.17 x 0.80	Ref. no.	230401
Mooring	Near Zwolle, Netherlands	Year	1913
		Material	steel

### Vision Doeve Brokers

This former inland cargo vessel is of the type Hasselteraak and was completely refurbished in 2013. This Dutch Barge is, among other things, equipped with a generator, a large solar cell package and 2 spud poles, so that she can sail completely autonomously. The owner's cabin is located in the spacious aft cabin and offers all the comfort needed for long journeys. Thanks to the good all-round visibility in the wheelhouse (salon), this Dutch Barge is easy to maneuver. The upper deck is spacious and features an outside steering position and bimini, making it an ideal place to relax and enjoy the view. She is ideal for living on board or for long journeys over the European waterways. With her authentic appearance and modern facilities, this Hasselteraak is highly recommended for anyone who is looking for adventure and comfort on the water.

## General information

<b>Yard:</b>	Shipyard Wortelboer en Co, NL-Oude Pekela
<b>Rebuilt year:</b>	2013 complete
<b>Hull shape:</b>	flatbottom
<b>Hull material:</b>	iron/steel
<b>Deck material:</b>	steel
<b>Superstructure material:</b>	steel
<b>Construction method:</b>	riveted
	new steel is welded
	rubbing strake around
	bulwark around
	deckhouse
	aftcabin
	bulbous bow
	closed bollard cabinets
	wide side decks (gunnels)
<b>Steering system:</b>	hydraulic
	inside and outside steering position
	2x wheel
	steel rudder
	attached rudder
	Becker rudder
<b>Windows:</b>	aluminium windows frames
	single glass
	hardwood outside doors
<b>Ballast (approx.):</b>	no ballast seen
<b>Airdraft (approx.):</b>	2,90 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
	bordeaux red bulwark
	white superstructure
	last underwater treatment 02-2022
	very well maintained
<b>Certificates:</b>	inland waterways certificated (TRI WV / ES-TRIN)
	zone 2 Netherlands
	zone 3
	zone 4
	Waal, Lek & NL Rhine
	valid until: 04-2029
<b>Suitable for / as:</b>	suitable as a year round live- aboard
	recreational vessel
	inland waterways
<b>General information:</b>	For sale because of the age of the seller.
<b>Additional information:</b>	various rust sensitive places are made from stainless steel
	Specified length is between bow and stern.

Hull shape is suitable for drying out.

spacious aftdeck

Great vessel for cruising on the European canals and rivers.

Great vessel for cruising on the French canals and rivers.

## Technical information

Enginepower:	135 Hp
	99 kW
Engine brand:	MWM
Revolutions:	2500 RPM
Engine model:	D232 V6
Number of cylinders:	6
Construction year engine:	1972
Overhaul engine:	2016 reconditioned installed
Running hours (approx.):	1000 after overhaul
	presumably
Fuel:	diesel
Fuel tank (approx.):	1200 litre
	3 steel tank(s)
Cooling system:	closed
	box cooler
	dry exhaust
Propulsion:	4 blade propeller
	greased lubrication of propeller shaft
	Python constant velocity prop shaft with thrust bearing
Gearbox:	Reintjes BGA120 hydraulic
	reduction/ratio 2,038:1
Speed (approx.):	10 km/hour cruising speed at 1500 RPM
Heating:	Kabola HR400 central heating (12-2020)
	on diesel
	& 1x All burner stove
	& floor heating
Bow thruster:	Cupa electric bow thruster
	24 Volt
Electricity system:	12 / 24 / 230 Volt
	230 Volt shore power connection
Batteries:	4x 250 AGM domestic batterie(s) (12-2020)
	2x 150 Ah starter batterie(s) (12-2020)
	2x 220 Ah bow thruster batterie(s)
	1x 74 Ah starter batterie(s) bow thruster
Battery charger:	Victron MultiPlus combi inverter/charger 24/3000/70
Earth-leakage breaker:	present
Genny:	BW 10/15 whisper set
	10 kVA 230 Volt
	1500 RPM
	2900 running hours (approx.)
Inverter:	Victron MultiPlus combi inverter/charger 24/3000/70
	Victron Orion inverter 24-12 Volt
	2x Alfatronic inverter 24-12 Volt

Solar panels:	6x 340 wp solar panel (12-2020)
	Victron SmartSolar MPPT charge controller 250/70-MC4
Fresh water tank (approx.):	2000 litre
	plastic tank(s)
Water pressure system:	hydrophore pump
Hot water system:	boiler/water calorifier (230 Volt) (12-2020)
	50 litre
Holding tank (approx.):	present
	not connected
Bilge pump:	present
Deck wash pump:	electric pump
Gas system:	no gas on board
Additional information:	LED lightning

## Accommodation

Interior:	Plywood
	mahogany finish
	see photographs
	very well maintained
	see photographs
Insulation:	yes
Cabins:	1 cabin
Berth:	Forward: 1x 2-pers
	Aft: 1x 2-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	shower cubicle
	mixer tap with hot & cold running water
	washbasin with hot & cold running water
Toilet / Heads:	flush toilet
Galley:	L-shape galley
Cooker:	4-burner hob
	induction cooker
	cookerhood
	stainless steel
Oven:	microwave/oven
Fridge / Refrigerator:	present
	230 Volt
Freezer:	present
	230 Volt
Worktop:	formica worktop
Washbasin:	stainless steel sink
Water tap:	mixer tap with hot & cold running water
Dishwasher:	present
Entertainment:	flatscreen TV
	radio/CD player
Headroom (approx.):	wheelhouse (approx.) 1,75 m
	aftcabin (approx.) 1,78 m
	shower (approx.) 1,83 m
	toilet (approx.) 1,81 m

	Forward: 1,88 m
<b>Additional information:</b>	The vessel will be delivered as without the private goods like furniture, clothing, artwork and tools.
	washing machine
	tumble dryer

## Navigation equipment

<b>Navigation equipment:</b>	Em-Trak A100 Automatic Identification System (AIS)
	Icom IC-M330 VHF with DSC
	blue board with oscillating light
	horn
	navigation lights
	rudder indicator
	Navman 2100 depth / echosounder
	3x window wiper
	search light

## Rigging and sails

<b>Mast:</b>	lantern mast
	wooden mast
<b>Lowerable:</b>	yes
	manual

## Equipment

<b>Anchor equipment:</b>	manual anchor winch
	Klipp anchor
	anchor cable
	in hawse-hole
	2x spudleg / pole (hydraulic)
	2,00 m under the bottom
	specified length(s) is/are approximate
<b>Bimini:</b>	bimini top above aftdeck
	hydraulically lowerable
<b>Searail / Pulpit:</b>	guardrail around upperdeck
	guardrail around side-walks
<b>Safety:</b>	fire extinguishers
	life buoys
	life jackets
	according to the certification requirements
<b>Additional information:</b>	hard wooden skylight
	cover over skylight
	The ship was completely gutted (only the hull is old) and then rebuilt. Before refitting the interior, the inside of the hull was thoroughly treated.
	sundeck
	steering chair
	Survey report of the underwatership is available (02-2022)





















