

# Doeve Brokers

## yachts & ships



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

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## Multi Purpose Work Vessel 20.00 (Multicat)

**Sold**

price excl. VAT

<b>Dimensions (m)</b>	20.00 x 8.00 x 1.35	<b>Ref. no.</b>	231201
<b>Mooring</b>	Near Amsterdam, Netherlands	<b>Year</b>	2019
		<b>Material</b>	steel

### Vision Doeve Brokers

This concerns a newly built, robust work vessel for inland waters. The two 500 hp engines provide a bollard pull of approximately 15 tons. There is a beautifully finished wheelhouse with excellent all-round visibility, with a day room for the crew underneath. With a spacious work deck, partly covered with wood, a FASSI hydraulic crane, a spud pole, coupling winches, tug bits and so on, this is a versatile, multi-purpose vessel that will be a showpiece for every maritime contractor and with which you can operate on shallow water as well as deep water very well. Delivery at short notice is eventually possible.

## General information

<b>Yard:</b>	Shipyards Grave BV, NL-Grave Shipyards Groeneveldt Marine Construction BV, NL-Hendrik Ido Ambacht
<b>Designer / Architect:</b>	Groeneveldt Marine Construction BV
<b>Hull shape:</b>	flatbottom
<b>Hull material:</b>	steel
<b>Deck material:</b>	steel
<b>Superstructure material:</b>	steel
<b>Construction method:</b>	1 watertight bulkhead(s) with watertight door(s) 2 watertight bulkhead(s) Sturdy, heavily constructed push bow
<b>Steering system:</b>	electric hydraulic steering
<b>Windows:</b>	aluminium windows frames aluminium outside door & steel outside doors
<b>Displacement (approx.):</b>	150,087 m <sup>3</sup>
<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 white superstructure two component system see photographs
<b>Certificates:</b>	inland waterways certificated (TRIWW / ES-TRIN) zone 2 Netherlands zone 3 zone 4 zone R (Rhine) valid until: 11-2029
<b>Suitable for / as:</b>	inland shipping coastal waters diving (vehicle) support vessel pushboat survey vessel
<b>General information:</b>	Any transactions must be submitted to the client or owner of the vessel for approval. Until this approval has been granted, all offers made are entirely without obligation.
<b>Additional information:</b>	The techniques used on board are commercial shipping quality. various rust sensitive places are made from stainless steel The relevant VAT will be due on the asking price if the vessel is purchased by a consumer or by a Dutch company (provided it concerns a Dutch seller). Sale at 0% VAT to a is eventually possible if the buyer meets the applicable VAT guidelines. pushing bow tug bits Hull shape is suitable for drying out. Great vessel for cruising on the European canals and rivers. Great vessel for cruising on the coastal waters.

## Technical information

<b>Enginepower:</b>	2x 500 Hp 2x 368 kW
<b>Engine brand:</b>	2x Volvo Penta
<b>Revolutions:</b>	2x 1800 RPM
<b>Engine model:</b>	2x D13B-N MH
<b>Number of cylinders:</b>	2x 6
<b>Construction year engine:</b>	2019 into operation
<b>Running hours (approx.):</b>	starboard 450 (01-2024) portside 450 (01-2024)
<b>Fuel:</b>	diesel emergency shut-off valve(s) in fuel system
<b>Fuel tank (approx.):</b>	5000 litre 2 steel tank(s) BOBS overflowing fuel safety system
<b>Cooling system:</b>	2x closed 2x box cooler
<b>Propulsion:</b>	2x 5 blade propeller 2x greased lubrication of propeller shaft greasing device
<b>Gearbox:</b>	2x Twin Disc MGX-5114 DC reduction/ratio 4,17:1
<b>Speed (approx.):</b>	15 km/hour cruising speed at 1500 RPM 19 km/hour top speed
<b>Heating:</b>	Kabola KB40 Ecoline central heating on diesel
<b>Engine instruments:</b>	present alarm system
<b>Bow thruster:</b>	DUCO electric bow thruster 400 Volt 45 kW proportional
<b>Electricity system:</b>	24 / 230 / 400 Volt 400 Volt shore power connection with automatic changeover
<b>Batteries:</b>	2x 230 Ah starter batterie(s) 2x 230 Ah starter batterie(s) 2x 50 Ah starter batterie(s) generator 4x 230 Ah domestic batterie(s)
<b>Battery charger:</b>	Victron Centaur battery charger 24/30 Victron Skylla-TG battery charger 27/80 Mastervolt Mass present 24/50
<b>Battery isolator:</b>	present
<b>Earth-leakage breaker:</b>	present
<b>Genny:</b>	John Deere diesel genny 180 kVA 230/400 Volt 1500 RPM

	running hours (approx.)
	closed cooling system (radiator)
<b>Inverter:</b>	Victron Phoenix Compact inverter 24/2000
<b>Fresh water tank (approx.):</b>	1000 litre
	1 plastic tank(s)
<b>Water pressure system:</b>	electric water pump
<b>Fresh water filter system:</b>	fresh water filter system
<b>Hot water system:</b>	boiler/water calorifier (230 Volt)
<b>Holding tank (approx.):</b>	200 litre
	1 stainless steel tank(s)
	HOMA macerator wastewater pump
<b>Diesel waterseparator:</b>	present
<b>Engineroom:</b>	insulated engineroom
	clean engineroom
	see photographs
	ventilated
<b>Bilge pump:</b>	general service pump
	400 Volt
	also deckwash pump
<b>Gas system:</b>	no gas on board
<b>Additional information:</b>	LED lightning
	electric engine control system

## Accommodation

<b>Interior:</b>	see photographs
<b>Insulation:</b>	partly
<b>Lay-out plan (not to scale):</b>	see attachment
<b>Toilet / Heads:</b>	electric toilet
<b>Galley:</b>	along ships
<b>Fridge / Refrigerator:</b>	present
	230 Volt
<b>Worktop:</b>	stainless steel worktop
<b>Washbasin:</b>	stainless steel sink
<b>Water tap:</b>	hot & cold running water
<b>Headroom (approx.):</b>	wheelhouse (approx.) 2,18 m
	galley (approx.) 2,18 m

## Navigation equipment

<b>Navigation equipment:</b>	2x Raymarine VHF with DSC
	blue board with oscillating light
	Radio Holland TITAN 500 rudder indicator
	Radio Holland TITAN 500 rate-of-turn indicator
	Radio Holland TITAN 500 / 650 river autopilot (follow-up steering )
	& follow up steering
	Kobelt 7175-MY rudder indicator
	Kobelt follow up steering
	SAAB R5 Automatic Identification System (AIS)

Radio Holland Furuno RHRS2014 daylight radar  
2x Radio Holland Furuno MU-190 Marine Display  
Radio Holland TITAN 120 depth / echosounder  
2x search light  
Hepworth Marine wiper control & 3x window wiper  
intercom  
horn  
2x flashing light  
navigation lights

## Rigging and sails

**Mast:** lantern mast  
steel

**Lowerable:** yes  
manual

## Equipment

**Anchor equipment:** hydraulic anchor winch  
1x 160 kg Pool anchor  
in hawse-hole  
1x 14 m spudleg / pole  
= 12 under the bottom  
1x 6 m spudleg / pole  
= 4 m under the bottom  
specified length(s) is/are approximate

**Safety:** life buoys  
life jackets  
fire extinguishers  
according to the certification requirements

**Additional information:** 2 coupling winch(es)  
FASSI F660 Marine hydraulic aluminium crane (6699 kg @ 3,40 m & max. 3600 kg @ 21,05 m)  
steering chair  
deck lights













