

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



Multi Purpose Work Vessel 20.00 (Multicat)

Dimensions (m)	20.00 x 8.00 x 1.35	Ref. no.	231201
Mooring	Near Amsterdam, Netherlands	Year	2019
		Material	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 bitts 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

Yard:	Shipyard Grave BV, NL-Grave Shipyard Groeneveldt Marine Construction BV, NL-Hendrik Ido Ambacht
Designer / Architect:	Groeneveldt Marine Construction BV
Hull shape:	flatbottom
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	1 watertight bulkhead(s) with watertight door(s) 2 watertight bulkhead(s) Sturdy, heavily constructed push bow
Steering system:	electric hydraulic steering
Windows:	aluminium windows frames aluminium outside door & steel outside doors
Displacement (approx.):	150,087 m ³
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 white superstructure two component system see photographs
Certificates:	inland waterways certificated (TRI WV / ES-TRIN) zone 2 Netherlands zone 3 zone 4 zone R (Rhine) valid until: 11-2029
Suitable for / as:	inland shipping coastal waters diving (vehicle) support vessel pushboat survey vessel
General information:	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.
Additional information:	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 bitts 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

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

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

Accommodation

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

Navigation equipment

Navigation equipment:	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











