

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

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Tug / Push boat 13.50

Dimensions (m)	13.50 x 4.22 x 1.70	Ref. no.	190205
Mooring	Near Antwerp, Belgium	Year	2007
Price information	reduced in price	Material	steel

Vision Doeve Brokers

Newly built Tugboat annex Pushboat that was completely professionally painted in January 2019, making that she is in a very good condition. The interior is equipped with 3 cabins and offers a total of 6 sleeping places and together with a shower and a separate toilet area, a spacious wheelhouse with good all-round view and a salon with desk and galley makes the ship very suitable to stay on board for a longer period. The interior is also in a good state of maintenance. Due to her dimensions, this boat is very versatile and has also the comfort of a yacht. The technology on board is very well executed with, among other things, a solid whisper generator, inverter, battery charger and a Kabola central heating. The engine has approx. 1200 running hours and is like new.

General information

Yard:	Shipyards Tukker, NL-Gorinchem
	Interior:
	fitted out by the owner together with professionals
Hull shape:	hard chine
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	aftcabin
	push bow
	bulwark
	rubbing strake around
	plastic rubbing strake
	transom stern
	Sturdy, heavily constructed
	1 watertight bulkhead(s) with watertight door(s) &
	2 watertight bulkhead(s)
Keel:	bar keel / keel
Steering system:	manual hydraulic steering
	wheel
	steel rudder
	balance rudder
Windows:	aluminium windows frames
	double glazing
	teak wooden outside door
Displacement (approx.):	45 ton
Ballast (approx.):	10 ton steel &
	concrete tiles
Airdraft (approx.):	3,47 m
Owner:	Belgian owner
Registration:	Belgian registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Colour / Paint System:	Sigma two component system
	blue hull
	white superstructure
	01-2019 underwater ship and hull completely stripped to bare steel
	two component system
	01-2019 completely painted
Certificates:	inland waterways certificated (TRIWW / ES-TRIN)
	zone 2 Netherlands
	zone 3
	zone 4
	38,50 x 5,00 m @ max 125 tons @ max 5 m2
	certificaten expired 02-2019
Suitable for / as:	commercial shipping
	inland waterways
	tug
	pushboat

Additional information:	The techniques used on board are commercial shipping quality.
	various rust sensitive places are made from stainless steel
	spacious aftdeck
	forepeak with chain locker
	straight hull
	tug bitts
	towing hook
	Great vessel for cruising on the European canals and rivers.
	Great vessel for cruising on the French canals and rivers.

Technical information

Enginepower:	160 Hp
	117 kW
Engine brand:	Doosan
Revolutions:	2200 RPM
Engine model:	L136
Number of cylinders:	6
Construction year engine:	2007 into operation
Running hours (approx.):	1200
Fuel:	diesel
Fuel tank (approx.):	2000 litre
	2 steel tank(s)
	BOBS overflowing fuel safety system
Cooling system:	closed
	keel cooling
Propulsion:	4 blade propeller
	greased lubrication of propeller shaft
	Aqua Drive constant velocity prop shaft with thrust bearing
Gearbox:	Twin Disc hydraulic
	MG-5050SC
	reduction/ratio 3.00:1
Speed (approx.):	11 km/hour cruising speed at 1800 RPM
Heating:	Kabola HR400 central heating
	on diesel
	combi boiler
Engine instruments:	present
	alarm system
Bow thruster:	Kalkman electric bow thruster
	13 Hp
	24 Volt
Electricity system:	24 / 230 Volt
	230 Volt shore power connection
	professionally installed system
	Mastervolt with automatic changeover
	Mastervolt mainmaster control
Batteries:	2x 200 Ah starter batterie(s)
	2x 200 Ah domestic batterie(s)
	2x 50 Ah bow thruster batterie(s) Optima Red Top
	1x 50 Ah starter batterie(s) generator Optima Red Top

	Mastervolt BTM-III battery monitor
Battery charger:	Mastervolt Mass battery charger 24/50
	Mastervolt battery charger 12 Volt
Earth-leakage breaker:	present
Genny:	Mastervolt Whisper 8 Ultra whisper set
	8 kVA
	1500 RPM
Inverter:	Mastervolt Mass Sine inverter 24/1500
Fresh water tank (approx.):	1x 350 litre
	1x 1000 litre
	stainless steel tank(s)
Water pressure system:	hydrophore pump
Hot water system:	through the central heating
Holding tank (approx.):	present
Diesel waterseparator:	present
Engineroom:	well maintained
	see photographs
Bilge pump:	1x manual pump
	2x electric pump
Gas system:	no gas on board
Additional information:	spare propeller

Accommodation

Interior:	oak interior
	very well maintained
	Quick Step laminate floor(s)
Insulation:	glass wool
Cabins:	3 cabins
Berth:	Forward: 1x 2-pers
	Aft:
	Portside cabin: 2x 1-pers
	Starboard cabin: 2x 1-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	shower cubicle
	mixer tap with hot & cold running water
	tiled bathroom
	cabins with wash basin with mixer tap
Toilet / Heads:	electric toilet
	tiled toilet
Galley:	U-shape galley
Cooker:	4-burner hob
	ceramic cooker
	cookerhood
	stainless steel
Fridge / Refrigerator:	present
	230 Volt
	combination with freezer
Freezer:	freezer
	230 Volt

Worktop:	formica worktop
Washbasin:	stainless steel sink
Water tap:	mixer tap with hot & cold running water
Entertainment:	radio/CD player
Headroom (approx.):	forward cabin (approx.) 2,01 m
	galley (approx.) 2,01 m
	wheelhouse (approx.) 2,02 m
	shower (approx.) 1,85 m
	toilet (approx.) 1,83 m
	corridor / walkthrough (approx.) 1,85 m
	cabins (approx.) 1,84 m

Navigation equipment

Navigation equipment:	2x Sailor 6248 VHF
	Oceansat Automatic Identification System (AIS)
	Standard Horizon CP180 chartplotter / GPS
	3x camera system
	Simrad IS15 rudder indicator
	Simrad IS15 windset
	2 window wiper
	flashing light
	portable VHF
	horn
	navigation lights
	horn light
	clinometer
	compass

Rigging and sails

Mast:	apparatus wing
	stainless steel
Lowerable:	yes
	manual

Equipment

Anchor equipment:	manual anchor winch
	Pool anchor
	40 m anchor chain
	in hawse-hole
	Aft:
	manual anchor winch
	Pool anchor
	40 m anchor cable
	specified length(s) is/are approximate
Boarding ladder:	present
	aluminium

Searail / Pulpit:	stainless steel searail
Davits:	present
	manual winch
	with boom
Safety:	3 fire extinguishers
	3 life buoys
	fire blanket
	according to the certification requirements
Additional information:	aluminium gangway
	deck lights
	Survey report of the underwatership is available (12-2018)
	2 coupling winch(es)