

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



Push Tug Workvessel 16.85, Rhine attest

Dimensions (m)	16.85 x 4.00 x 1.00	Ref. no.	230808
Mooring	Near Dordrecht, Netherlands	Year	1965
		Material	steel

Vision Doeve Brokers

Former inspection vessel of the German waterway authority which is now in use as a tugboat annex push boat which also can be used for inspection and survey work, but also as a crew tender or as a port authorities vessel, she is excellently suited for. The state of maintenance is very good. With the extensive and professional equipment and the CCRII certified engine with only approx. 1100 running hours, this boat can be used immediately. In our view, an excellent opportunity to acquire a boat of this caliber and in this condition.

General information

Yard:	Shipyard Bayerische Schiffbaugesellschaft, D-Erlenbach am Main
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	welded
	rubbing strake around
	open cockpit
	transom stern
	forecastle
	4 watertight bulkhead(s)
	stainless steel bollards
	push bow
	wide side decks (gunnels)
Steering system:	hydraulic (Hydromarine)
	electric steering
	inside and outside steering position
	outside with remote control
	emergency steering
	Becker rudder
Windows:	aluminium windows frames
	double glazing &
	2x single glass
	hardwood outside doors
Displacement (approx.):	maximum allowable displacement 36,295 m ³
	displacement in empty condition 26,295 m ³
	displacement 10,000 m ³
Airdraft (approx.):	3,50 m everything down
Owner:	Dutch owner
Registration:	Dutch registered
	B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Certificates:	Rhine certificated (ROSR)
	open sea to Basel
	valid until: 07-2024
	Is equal to:
	zone 2 Netherlands
	zone 3
	zone 4
Suitable for / as:	inland shipping
	pushboat
	tug
	survey vessel
	patrol vessel
Additional information:	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.
	tug bitts

towing hook

forepeak with chain locker

Many rust sensitive places are made from stainless steel.

Technical information

Enginepower:	203 Hp 150 kW
Engine brand:	John Deere
Revolutions:	2600 RPM
Engine model:	6068TFM75
Number of cylinders:	6
Construction year engine:	2011 into operation
Running hours (approx.):	1100 on the hour counter
Fuel:	diesel
Fuel tank (approx.):	2x 750 litre steel tank(s)
Cooling system:	closed box cooler dry exhaust insulated exhaust
Propulsion:	3 blade propeller oil bath propeller stern tube
Gearbox:	Dong-I DMT 70T-D hydraulic (2011) reduction/ratio 3,46:1
Speed (approx.):	18 kilometer/hour
Heating:	Kabola HR400 central heating combi boiler on diesel
Engine instruments:	ComAp IntelliDrive DCU alarm system
Bow thruster:	Kalkman electric bow thruster 24 Hp 24 Volt proportional
Electricity system:	24 / 230 / 400 Volt 230 Volt shore power connection 400 Volt shore power connection largely replaced
Batteries:	2x 120 Ah starter batterie(s) 1x 60 Ah starter batterie(s) generator 4x 230 Ah domestic batterie(s)
Battery charger:	Victron MultiPlus combi inverter/charger 24/3000/70 Victron battery charger Victron Skylla-TG battery charger 24/50
Isolation transformer:	Mastervolt Mass GI3.5 isolation transformer
Genny:	Hatz diesel genny 20 kVA 230/400 Volt 1500 RPM 21800 running hours (approx.)
Alternator:	2x alternator

Inverter:	Victron MultiPlus combi inverter/charger 24/3000/70
	Mastervolt Mass Sine inverter 24/500
	AlfaTronic PV5s inverter 24-12 Volt
Fresh water tank (approx.):	110 litre
	1 plastic tank(s)
Water pressure system:	hydrophore pump
Hot water system:	through the central heating
Holding tank (approx.):	not present, enough space to build-in
Engineroom:	sound insulated engineroom
	ventilated
	very well maintained
	see photographs
Bilge pump:	present
	230 Volt
Gas system:	no gas on board
Additional information:	electric engine control system
	main engine with PTO for the hydraulic
	air compressor
	LED lightning

Accommodation

Interior:	Formica with print interior
	see photographs
Insulation:	partly
Toilet / Heads:	electric toilet
Galley:	along ships
Cooker:	2-burner hob
	electric cooker
Fridge / Refrigerator:	Liebherr fridge / refrigerator
Worktop:	formica worktop
Washbasin:	stainless steel sink
Water tap:	mixer tap with hot & cold running water
Entertainment:	Pioneer radio/CD/MP3 player
Headroom (approx.):	foc's hole (approx.) 2,03 m
	wheelhouse (approx.) 1,96 m

Navigation equipment

Navigation equipment:	L3 Automatic Identification System (AIS)
	Radio Holland Euro 500 rudder indicator
	Radio Holland Euro 500 rate-of-turn indicator
	Radio Holland Euro 500 / 600 river autopilot (follow-up steering)
	Alphatron JRC JMA610 daylight radar
	2x Sailor RT2048BV VHF
	Garmin GPSmap 421s chartplotter / GPS
	laptop & PC Navigo chartplotter
	fishfinder
	search light

	blue board with oscillating light
	horn
	navigation lights
	window wiper
	flashing light

Rigging and sails

Mast:	radarmast
	apparatus wing
	lantern mast
	aluminium
Lowerable:	yes
	manual

Equipment

Anchor equipment:	hydraulic anchor winch
	2x warping drum
	Klipp anchor
	in hawse-hole
Boarding ladder:	present
	stainless steel
Safety:	life buoys
	life jackets
	fire extinguishers
	according to the certification requirements
Additional information:	2x steering chair
	deck lights











