

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

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## Dutch Barge Motortjalk 16.70

Dimensions (m)	16.70 x 3.55 x 0.80	Ref. no.	171103
Mooring	Near Nieuwpoort, Belgium	Year	1907
		Material	steel

### Vision Doeve Brokers

Former inland cargo vessel that has been rebuild into a sailing Live aboard barge. The layout of this Frisian Tjalk is from front to back as follows: owners cabin, guest cabin, bathroom with shower and electric toilet, galley with ceramic hob, living room, spacious covered cockpit with round seat. The bimini and wind screen can be removed easily, if desired. The steering is hydraulic and the engine has been overhauled in 2013. Her low air draft and shallow draft makes the Tjalk very suitable for the European canals and rivers. A hull thickness report is available.

## General information

Yard:	Shipyards NL-Leeuwarden
Hull shape:	flatbottom
Hull material:	steel
Deck material:	steel
Superstructure material:	steel
Construction method:	riveted
	new steel is welded
	open cockpit
	wide side decks (gunnels)
	bulwark
	bollards
	rubbing strake around
Steering system:	hydraulic
	wheel
Windows:	hardwood window frames
	bronze portholes
Displacement (approx.):	40 ton
Ballast (approx.):	trim ballast
	concrete tiles
Airdraft (approx.):	2,60 m everything down
Owner:	Belgian owner
Registration:	Belgian registered
Colour / Paint System:	cream hull
	cream superstructure
	overdue maintenance
Suitable for / as:	inland waterways
	recreational vessel
Additional information:	Great vessel for cruising on the European canals and rivers.
	Great vessel for cruising on the French canals and rivers.

## Technical information

Enginepower:	105 Hp
	77 kW
Engine brand:	DAF
Engine model:	575
Number of cylinders:	6
Construction year engine:	1970
Overhaul engine:	2013 reconditioned
Running hours (approx.):	4900 on the hour counter
Fuel:	diesel
Fuel tank (approx.):	2x 250 ltr steel tank(s)
Cooling system:	closed
	box cooler
	dry exhaust
Propulsion:	3 blade propeller

	greased lubrication of propeller shaft
	grease cup
Gearbox:	Velvet hydraulic
Heating:	Kabola central heating
	on diesel
Bow thruster:	hydraulic bow thruster
Electricity system:	24 / 230 Volt
	230 Volt shore power connection
Batteries:	2x 250 Ah starter batterie(s)
	4x 250 Ah domestic batterie(s)
Battery charger:	Victron Energy Skylla battery charger 24/80
Earth-leakage breaker:	present
Genny:	Mitsubishi diesel
Inverter:	Motormate PS-300 inverter 24/300
Solar panels:	2x solar panel
Fresh water tank (approx.):	2x 375 ltr stainless steel tank(s)
Water pressure system:	electric water pump
Hot water system:	boiler/water calorifier (230 Volt)
	& through the central heating
Bilge pump:	submersible pump

## Accommodation

Interior:	simple interior
	various materials have been used
	laminated floor(s)
	see photographs
Cabins:	2 cabins
Berth:	owners cabin: 1x 2-pers
	Guest cabin(s): 2x 1-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	shower
	hot & cold running water
	in 1 area together with the toilet
Toilet / Heads:	electric toilet
Galley:	along ships
Cooker:	4-burner hob
	ceramic cooker
Fridge / Refrigerator:	Coolmatic 24 Volt
Freezer:	small ice compartment
Worktop:	plastic worktop
Washbasin:	stainless steel sink
Water tap:	hot & cold running water
Entertainment:	flatscreen TV
Headroom (approx.):	ownerscabin (approx.) 1,80 m
	guest cabin (approx.) 1,81 m
	galley (approx.) 1,86 m
	toilet (approx.) 1,82 m
	salon (approx.) 1,93 m

## Navigation equipment

Navigation equipment:	1x Standard Horizon eclipse VHF with DSC
	1x portable VHF
	window wiper
	horn
	navigation lights

## Rigging and sails

Mast:	wood
	lantern mast
Lowerable:	yes
	manual
Additional information:	pin rail

## Equipment

Anchor equipment:	manual anchor winch
	anchor cable
	Pool anchor
Outdoor cushions:	cockpit cushion(s)
Searail / Pulpit:	guardrail around aftdeck
	guardrail around side-walks
Safety:	2x fire extinguishers