

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

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alu Patrol boat 19.90 with TRIWV

Dimensions (m)	19.90 x 4.20 x 1.35	Ref. no.	210209
Mooring	Near Amsterdam, Netherlands	Year	1977
		Material	aluminium

Vision Doeve Brokers

Former Swedish customs patrol boat which has been well maintained by the current owner and is fully operational. In 2018, for example, more than € 20,000 was spent on major maintenance on both engines and also a new generator was installed. A vessel with in the front the captain's cabin, messroom / galley, wheelhouse with passageway to the engine room and from there a passageway to the aft with over there 2 cabins and the bathroom / toilet area. There is also an outside helmsman's position that can be reached from the wheelhouse or from the aft deck. In our view an interesting patrol vessel that can be widely deployed but is also interesting as a motor yacht. Mentioned draft is the draft on the rudder which is stated as such in the ES-TRIN / TRIWV certificate. The propeller is approx. 30 cm deeper.

General information

Yard:	Shipyard Lunde Varv och Verstads AB, SE-Ramvik
Hull shape:	deep-V
Hull material:	aluminium
Deck material:	aluminium
Superstructure material:	aluminium
Construction method:	rubber rubbing strake
	wide side decks (gunnels)
	3 watertight bulkhead(s)
	1 watertight bulkhead(s) with watertight door(s)
	forecabin
	aftcabin
	sprayrail
Steering system:	hydraulic
	inside and outside steering position
	2x rudder
	time dependent steering
Windows:	aluminium windows frames
	double glazing in wheelhouse
	4x voorruitverwarming / window heating / Fenster heizung / chauffage de fenêtre
	& portholes
	single glass
Displacement (approx.):	40 GT
	12 NT
Airdraft (approx.):	8,00 m
	estimated
Owner:	Dutch owner
Registration:	Dutch registered
	B-registered
	Costs for the change of ownership and / eventually deletion are for purchasers amount.
Colour / Paint System:	green hull (2020)
	white superstructure
Certificates:	inland waterways certificated (TRI WV / ES-TRIN)
	zone 2 Netherlands
	zone 3
	zone 4
	Waal, Lek & NL Rhine
	valid until: 12-2025
Suitable for / as:	commercial shipping
	seaworthy
	patrol vessel
	recreational vessel
General information:	good sailing characteristics
Additional information:	The techniques used on board are commercial shipping quality.
	roomy foredeck
	forepeak with chain locker

Technical information

Enginepower:	2x 400 Hp
	2x 294 kW
Engine brand:	Volvo Penta
Revolutions:	2x 1900 RPM
Engine model:	2x TMDA 122A
Number of cylinders:	2x 6
Construction year engine:	1977
Running hours (approx.):	1750 on the hour counter
Fuel:	diesel
Fuel tank (approx.):	2x 750 litre
	1x 650 litre
Cooling system:	2x intercooling
	2 wet exhaust
Propulsion:	2x 4 blade propeller
	water lubricated propeller shaft
	shaft bearing (09-2018)
Gearbox:	2x Twin Disc MG-514 hydraulic
	reduction/ratio 2,00:1
	1x hydraulic PTO
Speed (approx.):	20 knots top speed
Heating:	central heating
	on diesel
Engine instruments:	present
Electricity system:	24 / 230 / 400 Volt
	230 Volt shore power connection
	400 Volt shore power connection
	professionally installed system
Batteries:	2x 55 Ah starter batterie(s) (optima Red Top)
	2x 180 Ah domestic batterie(s)
	1x starter batterie(s) generator
	2x navigation batterie(s)
Battery charger:	Victron Phoenix Multu Plus combi inverter/charger 24/3000/70
Isolation transformer:	Victron isolation transformer 3600 Watt
Earth-leakage breaker:	present
Genny:	Mitsubishi diesel (03-2018)
	Stamford
	17,5 kVA
	230/400 Volt
	1500 RPM
	100 running hours (approx.)
Inverter:	Victron Phoenix Multu Plus combi inverter/charger 24/3000/70
Fresh water tank (approx.):	1000 litre
Water pressure system:	electric water pump
Hot water system:	boiler/water calorifier (230 Volt)
Holding tank (approx.):	250 litre
Diesel waterseparator:	present
Engineroom:	insulated engineroom
	well maintained
	see photographs

Bilge pump:	general service pump
	with manifold
	electric pump
	& manual pump
	also deckwash pump
Gas system:	no gas on board
Additional information:	partly LED lightning

Accommodation

Interior:	various materials have been used
	see photographs
Insulation:	yes
	glass wool
Cabins:	3 cabins
Berth:	Forward: 1x 1-pers
	Portside cabin: 1x 1-pers
	Aft: 3x 1-pers
Lay-out plan (not to scale):	see attachment
Bathroom:	washbasin with mixer tap and hot & cold running water
	hand shower
	in 1 area together with the toilet
Toilet / Heads:	electric toilet
Galley:	along ships
Cooker:	2-burner hob
	electric cooker
	in combination with the oven
	cookerhood
Oven:	electric oven
Fridge / Refrigerator:	Waeco fridge / refrigerator
	230 Volt
Freezer:	small ice compartment
Worktop:	hardwooden worktop
Washbasin:	stainless steel sink
Water tap:	mixer tap with hot & cold running water
Headroom (approx.):	wheelhouse (approx.) 1,96 m
	salon (approx.) 1,98 m
	forecabin (approx.) 1,97 m
	corridor / walkthrough (approx.) 1,98 m
	cabin (approx.) 1,97 m
	bathroom / toilet (approx.) 1,96 m
	aft (approx.) 1,96 m

Navigation equipment

Navigation equipment:	Robertson AP45 giro autopilot (follow-up steering)
	Robertson RI101 rudder indicator
	Furuno GPS
	Sperry RT2048 VHF

	Sperry RM2042 VHF with DSC
	Sailor RT2048 VHF
	True Heading Carbon Pro Automatic Identification System (AIS)
	Raymarine chartplotter / GPS / radar
	Koden CVS-118 fishfinder / depth
	ICS Nav5 GMDSS Navtex
	compass
	Icom IC-GM1500E portable VHF
	2x search light
	navigation lights
	Clipper windset
	camera system
	6x window wiper
	radio / CD

Rigging and sails

Mast:	aluminium mast
Lowerable:	no

Equipment

Anchor equipment:	hydraulic anchor winch
	Pool anchor
	in hawse-hole
Boarding ladder:	present
Swimming platform:	present
Searail / Pulpit:	guardrail around
Safety:	life buoys
	fire extinguishers
	life jackets
	automatic fire extinguishing system in engine room
	fire alarm system
	according to the certification requirements
	2x EPIRB
	12 pax liferaft without certificate
Additional information:	deck lights
	hydraulic crane 350 kg
	Survey report of the underwatership is available (12-2018)
	2x steering chair











