

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

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## Multi Purpose vessel 16.70 with TRIWV

**Dimensions (m)** 16.70 x 3.90 x 0.75  
**Mooring** Near Zwolle, Netherlands

**Ref. no.** 190301  
**Year** 1993  
**Material** steel

### Vision Doeve Brokers

This unique vessel can be used for a wide variety of activities, such as for wet contracting or for survey work. The vessel is equipped with a loading flap on the bow, making it easy to place material on shore or on the large loading deck on board. There are also 2 hydraulic cranes and an A-frame. During the construction of the ship, it has been taken into account that she can be transported on a low-loader. This means that the owner has a very large deployment area. At the moment there are 4 sleeping places, a bathroom with shower and toilet and in the wheelhouse is a galley. This gives the owner the opportunity to carry out work without additional accommodation costs. In other words, an excellent opportunity to obtain a multi-functional vessel.

## General information

|                          |  |
|--------------------------|--|
| Yard:                    | Shipyards Reimerswaal B.V., NL-Hansweert   |
| Rebuilt year:            | 2007 / 2017  |
| Hull shape:              | flatbottom   |
| Hull material:           | steel  |
| Deck material:           | steel  |
| Superstructure material: | steel  |
| Construction method:     | welded   |
|                          | aftcabin   |
|                          | bulwark  |
|                          | rubbing strake   |
|                          | 3 watertight bulkhead(s)   |
| Steering system:         | hydraulic  |
|                          | wheel  |
| Windows:                 | aluminium windows frames   |
| Displacement (approx.):  | 21 ton   |
| Airdraft (approx.):      | 2,90 m everything down   |
|                          | 4,25 m transport hoogte op vrachtwagen / transport height on truck / Transporthöhe auf LKW / hauteur de transport sur camion |
| Owner:                   | Dutch owner  |
| Colour / Paint System:   | two component basic system   |
|                          | two component system   |
|                          | one component finish dek / deck / pont   |
|                          | last underwater treatment 03-2019  |
|                          | last paint job 03-2019   |
|                          | very well maintained   |
| Certificates:            | inland waterways certificated (TRI WV / ES-TRIN)   |
|                          | zone 2 Netherlands   |
|                          | zone 3   |
|                          | zone 4   |
|                          | Waal, Lek & NL Rhine   |
|                          | valid until: 07-2026   |
| Suitable for / as:       | seaworthy  |
|                          | inland shipping  |
|                          | patrol vessel  |
| Additional information:  | The techniques used on board are commercial shipping quality.  |
|                          | laadklep / loading bridge / Ladeklappe / pont de chargement  |
|                          | Hull shape is suitable for drying out.   |
|                          | roomy foredeck   |
|                          | Great vessel for cruising on the European canals and rivers.   |
|                          | Great vessel for cruising on the French canals and rivers.   |

## Technical information

|               |        |
|---------------|--------|
| Enginepower:  | 165 Hp |
|               | 121 kW |
| Engine brand: | DAF    |

|                             |  |
|-----------------------------|--|
| Revolutions:                | 1900 RPM   |
| Engine model:               | DF 615 M   |
| Number of cylinders:        | 6  |
| Running hours (approx.):    | 3500 on the hour counter   |
| Fuel:                       | diesel   |
|                             | 6 ltr/hrs consumption of the engine at cruising speed (as declared)  |
| Fuel tank (approx.):        | 1100 litre   |
|                             | 2 steel tank(s)  |
| Cooling system:             | closed   |
|                             | box cooler   |
| Propulsion:                 | 4 blade propeller  |
|                             | ijsverstrekt / ice-reinforced / eisverstärkt / renforcé par la glace |
|                             | greased lubrication of propeller shaft                               |
| Gearbox:                    | Twin Disc MG-509 hydraulic   |
|                             | reduction/ratio 2,91:1   |
| Speed (approx.):            | 12 km/hour cruising speed at 1500 RPM                                |
| Heating:                    | electric &   |
|                             | Heatpol stove heater   |
|                             | on diesel  |
| Bow thruster:               | Maxpower electric bow thruster                                       |
|                             | 165 KGF  |
|                             | 24 Volt  |
| Electricity system:         | 12 / 24 / 230 / 400 Volt   |
|                             | 400 Volt shore power connection                                      |
|                             | professionally installed system                                      |
| Batteries:                  | 2x 180 Ah starter batterie(s) (2018)                                 |
|                             | 2x 230 Ah bow thruster batterie(s) (2018)                            |
|                             | 2x 180 Ah domestic batterie(s) (2018)                                |
|                             | 1x 80 Ah starter batterie(s) generator (2018)                        |
| Battery charger:            | Newmar battery charger 24/40   |
| Earth-leakage breaker:      | present  |
| Genny:                      | Deutz diesel 15 kVA, 1500 RPM  |
|                             | 15 kVA   |
|                             | 230/400 Volt   |
|                             | 3800 running hours (approx.)   |
| Inverter:                   | Victron Atlas inverter 24/1600                                       |
|                             | inverter 24-12 Volt  |
| Fresh water tank (approx.): | 400 litre  |
|                             | 1 steel tank(s)  |
|                             | cemented tank(s)   |
| Water pressure system:      | electric water pump  |
| Hot water system:           | 2x boiler/water calorifier (230 Volt)                                |
| Bilge pump:                 | present  |
| Deck wash pump:             | submersible pump   |
| Gas system:                 | present  |
|                             | Gas certificate  |

## Accommodation

|           |             |
|-----------|-------------|
| Interior: | wheelhouse: |
|-----------|-------------|

|                        |                                    |
|------------------------|------------------------------------|
|                        | various materials have been used   |
|                        | see photographs                    |
| Insulation:            | yes                                |
| Cabins:                | 2 cabins                           |
| Berth:                 | Forward: 2x 1-pers                 |
|                        | Aft: 2x 1-pers                     |
| Bathroom:              | shower                             |
|                        | hot & cold running water           |
|                        | in 1 area together with the toilet |
| Toilet / Heads:        | hand pumptoilet                    |
| Galley:                | sideways                           |
| Cooker:                | 3-burner hob                       |
|                        | on gas                             |
| Oven:                  | microwave/oven                     |
| Fridge / Refrigerator: | present                            |
|                        | 230 Volt                           |
| Freezer:               | present                            |
|                        | 230 Volt                           |
| Washbasin:             | stainless steel sink               |
| Water tap:             | hot & cold running water           |
| Entertainment:         | radio/CD player                    |
|                        | digital television connection      |
|                        | flatscreen TV                      |
| Headroom (approx.):    | wheelhouse (approx.) 2,04 m        |
|                        | forward (approx.) 1,93 m           |
|                        | aft (approx.) 1,93 m               |

## Navigation equipment

|                       |                                       |
|-----------------------|---------------------------------------|
| Navigation equipment: | ICOM IC-M401E VHF                     |
|                       | Seafarer 700 depth / echosounder      |
|                       | VHF                                   |
|                       | Obsermet windset                      |
|                       | Furuno 1623 daylight radar            |
|                       | Standard Horizon GP300 chartplotter   |
|                       | rudder indicator                      |
|                       | 1x window wiper                       |
|                       | 1x clearviewscreen                    |
|                       | compass                               |
|                       | clock                                 |
|                       | 3x search light                       |
|                       | 2x flashing light                     |
|                       | horn                                  |
|                       | Automatic Identification System (AIS) |

## Rigging and sails

|       |             |
|-------|-------------|
| Mast: | radarmast   |
|       | aluminium & |

|            |                |
|------------|----------------|
|            | apparatus wing |
|            | steel          |
| Lowerable: | yes            |

## Equipment

|                         |   |
|-------------------------|---|
| Anchor equipment:       | electric anchor winch   |
|                         | warping drum  |
|                         | Pool anchor   |
|                         | 40 m anchor chain   |
|                         | specified length(s) is/are approximate  |
| Bimini:                 | present   |
| Boarding ladder:        | present   |
| Swimming platform:      | present   |
| Safety:                 | fire extinguishers  |
|                         | life buoys  |
|                         | according to the certification requirements   |
| Additional information: | deck lights   |
|                         | steering chair  |
|                         | Hiab hydraulic crane 3,0 / 0,8 tons   |
|                         | Palfinger hydraulic crane 3,0 / 0,8 tons  |
|                         | A-frame hydraulic crane 10 tons (niet geïnstalleerd / not installed / nicht installiert / non installé) |
|                         | Survey report of the underwatership is available (02-2019)  |