

Judel Vrolijk 52 - Drop keel performance sloop -



GENERAL SPECIFICATIONS

• L.O.A	16,00m
• L.W.L.	14,35m
• Beam	4,40m
• Deep draught	3,25m
• Shallow draught (min)	1,80m
• Air draught (max)	24,80m
• Light displacement	14655kg
• Max displacement	17511kg
• Fuel capacity	350 L
• Freshwater capacity	500 L
• Engine power	100HP/74KW
• Design category	A-Ocean
• Year	2004

ARCHITECT / DESIGNERS/ BUILDER _____

- JUDEL VROLIJK & CO, Engeneering GmbH, Bremerhaven
- D. Urban, Wittenförden

EC CERTIFICATE _____

- Category A - 12 persons
- Stability Index at displacement of 16300kg is 56,50 (min. STIX Cat. A is 32 and for Off-shore racing is min. 35)

VERSION _____

- Sloop
- Hydraulic lifting keel
- 1 Forward cabin - 1 Aft cabin - 1 Toilet - 1 Shower

CONSTRUCTION

Design made following European Directive requirements and according to EC certification

- Monolithic structural and hull design in GRP/CFK Epoxy Sandwich construction
- Monolithic Interior Design is laminated into the hull as part of the structure
- Deck in GRP/CFK Epoxy sandwich covered with teak and non-slip surface on the deckhouse
- Cast lead keel bomb and hydraulic keel with bolts and stainless steel backing plates integrated in a keel-box protected with crash pads

- Rudder hung with stainless steel stock
- White coloured hull, mast and boom -Awlgrip topcoat Matterhorn white -
- Hull decorated and stripes - Awlgrip topcoat Toreador red -
- Waterproof bulkhead between sail locker and master cabin
- Due to construction materials used the hull is resistant to osmosis.

DECK EQUIPMENT

RIGGING

- NORDIC CARBON MAST white painted, 4 Spreaders, Mast jack system
- Park Avenue Carbon boom white painted with hydraulic trim
- Discontinuous stainless steel rod rigging
- Hydraulic boom vang and backstay tensioner
- RECKMAN hydraulic furling system
- Mainsail sheet track trimmed by hydraulic
- 2 jib tracks with piston adjusted traveller cars for self tacking
- All Rigging run back to cockpit: main halyard, 2 mainsheet reefing lines, mainsheet traveller, jib halyard, Gennaker and Code Zero lines
- LEWMAR Jammers and deck Hardware

WINCHES

- 2 ANDERSON Hydraulic 2 speed winches 58ST
- 2 ANDERSON Hydraulic 2 speed winches 68ST
- 2 Winch handles
- Running rigging and winch handle storage boxes to port and starboard

SAILS ELVSTRÖM

- Furling Jib 51,8 sqm Carbon Technora with UV protective strip (2018)
 - Main full batten sail 84,3 sqm Carbon Technora (2018) with roller slider
 - Sailing Performance for ex.: @13,6kn true wind @ beam reach SOG 9,7kn
- JV 52 is not only tremendous speedy downwind for a monohull but equally impressive upwind. best performance beam and broad reach 90° to 140° (polar diagram for approximation)
- Lazy Jacks
 - Code Zero on furler 125 sqm
 - Gennaker in Snuffer 210 sqm
 - Code Zero and Gennaker fitted at the retractable carbon Gennaker Bowsprit
 - Walkable Sail locker thru LEWMAR deck hatch behind the anchor locker

MOORING -ANCHORING

- Folding anchor 30kg
- Stainless steel anchor chain 9mm / 50m
- Anchor and chain wash
- Self-bailing anchor and chain locker
- Hydraulic LEWMAR windlass - Remote control
- 6 NOMEN mooring cleats
- Watertight rope locker below the anchor locker

SAFETY ON DECK

- 1 Open stainless steel forward pulpit
- 2 Stainless steel aft push-pits
- 1 Ring lifebuoy bracket
- Flag pole socket
- Carbon flag Pole
- Double guardrail and stainless steel stanchions - Opening to port and to starboard in guardrail

COCKPIT

- Self-draining cockpit
- 2 Cockpit locker under benches
- Teak wood slatted cockpit benches
- 2 full Carbon Steering-wheels 900mm diameter - stainless steel rod transmission system
- Generator instrument panel to port
- Engine instrument panel to starboard
- Spray-hood with Carbon rods
- Cockpit Bimini

Inventory list

- 2 Steering compass
- Engine throttle and bow-thruster control to port
- Hydraulic sail management panel to starboard
- Composite cockpit box with Carbon handrail, integrated extendable cockpit table - drawer and box -
- Cockpit table spotlight in the boom
- Aft Transom Garage with bathing platform opening/access assisted by hydraulic pistons
- 1 Cased life-raft ZODIAC EVERS SAFE 6Pax in Garage
- 1 Stainless steel swimming ladder - solid wood steps • 1 Shower cold water

INTERIOR

- Headroom 2,00m min
- High gloss, high end finished white, light weight Epoxy Sandwich interior
- Composite Doors with Carbon door frames
- Strip Parquet type wooden removable floor plates
- Cream leather panels on all ceilings in saloon and cabins and heads
- Teak saloon companionway with moulded composite hanging steps with 2 Carbon handrails

MASTER CABIN

- Central double bed (2,10 m - 1,60 m)
- 2 Marine mattresses on slatted frames
- 1 Starboard-side leather club chair seating
- 2 Hanging locker - Cupboard with Carbon guardrail - glove boxes - storage around bed -
- 4 Storage drawer under bed

- 2 Opening hatches with blind / Mosquito net • 2 Hull portholes with Mosquito net

MASTER BATHROOM

- Access through forward cabin
- Separate full size shower box - shower mixer tap hot / cold water
- CORIAN Washbasin - mixing tap hot water / cold water
- Mirror
- Double Cupboard and storage under the washbasin
- Toilet accessories: soap dispenser - Carbon towel rail
- 1 Opening deck hatch with Blind / Mosquito net

SALOON

- Raised Saloon and table (may be lowered to form bed)
- Oval shaped saloon bench - vintage MASERATI's RED full grain Nappa leather upholstery- double density foam
- 2 Matching decorative leather cushions
- Storage under and behind the bench
- Saloon table in only 1 piece - Carbon inlay top - adjustable Aluminium leg
- Oval Carbon handrail on ceiling with LED lightning
- Storage space around the hull-side
- Panoramic deck house windows
- Fixed deckhouse side windows
- 1 Opening deck hatch with shutter / Mosquito net

GALLEY TO STARBOARD

- Headroom: 2,20m
- Kitchen alongside the hull
- Cream CORIAN worktop
- 2 CORIAN sinks - 1 Mixer tap cold water / hot under pressure
- Freshwater Filter System 5 Micron and Seagull IV
- Gas stove TRITON 3- flame and stainless steel oven on mountings
- 1 Freezer 170 l, top opening 12 V WEMO Swiss Refrigeration unit
- 1 Fridge 70l, front Opening 12 V WEMO Swiss Refrigeration unit
- Fridge and Freezer compressor seawater cooled
- Fitted cupboards and drawers alongside the hull
- Cutlery-, Bottle- and Waste-bin drawer
- Carbon hand rail
- Fixed deck house side windows
- 2 LEWMAR deck hatches with shutter/ Mosquito net

CHART TABLE TO STARBOARD

- Table with flap (TV prepared-Antenna at masthead installed) - Glove box - drawer -
- Finnish design x-fold adjustable Helmsman leather seat
- Map storage box starboard

- Pivoting electrical panel enabling access to electrical connections
- Instrument panel (Electric switchboard, Water maker, WALLAS Heating, VHF, Barometer, SIMRAD IS15 Combi)

STARBOARD AFT HEAD COMPARTMENT

- Headroom: 2,00m
- Access through saloon
- Mixer tap hot / cold water
- Vacuum marine toilet SEALAND S VACUFLUSH 500
- Blackwatertank 80l
- Mirror
- Carbon towel rail
- Toilet accessories: soap dispenser- paper dispenser
- 2 Cupboards
- 1 Port-light
- 1 LEWMAR Opening deck hatch with shutter/ Mosquito net

AFT CABIN PORT _____

- Headroom: 2,00m
- 2 bunk beds - Marine mattresses
- Cupboard - 3 large drawers
- Large storage place opposite the upper bunk bed.
- 1 Port-light
- 1 Opening deck hatch with shutter / Mosquito net
- DAEWOO 3kg washing machine

ENGINE _____

- Engine Mercedes Benz 606 Diesel 100 hp/ DMV Marine Head exchanger
- Fuel consumption +- 0,75l/h @ 7,5kn in overdrive
- Engine 1.637h
- ZF 25A electric controlled gear box/ shaft Drive /
- 3 blade GORI 22x16 folding propeller with overdrive function
- Engine control panel in cockpit
- Engine compartment: Foam soundproofing - Ventilation: 1 air intake and 1 24V air outlet fan
- 1 Alternator 12 V
- 1 Alternator 24 V
- Diesel tanks 350L (under saloon floor aft)
- Electronic gauge - 1 Deck filler Port - Tank ventilation through keel box
- Filters: Sea water - Diesel (both separate for generator and engine)
- Engine access through settee floor boards

AUXILIARY MACHINERY _____

- Generator FISCHER PANDA 24V, AGT600, Engine 139h
- Heating WALLAS Marine Diesel
- Bow thruster retractable hydraulic
- Air Condition 9000BTU
- Water Maker SCHENKER Digital 60, 2 Pumps, 60l/h

ELECTRICAL SYSTEM

- 12 V circuit - Navigation instruments
- 24 V circuit - Hydraulic
- 220 V circuit for AirCon, Hairdryer, Nespresso et al.
- PHILIPPI Inverter C 2324 (Solar Panel possible)
- Service batteries (350 Ah/ 12batteries/2V BAE 50PzV350)
- 1 Engine battery 12V (charged by alternator and/or inverter)
- 1 Navigation battery 12V (charged by alternator and/or inverter)
- 220V shore power 1 x Cockpit and 1x anchor locker - 1 Charge divider
- 12 V / 24 V Electrical panel (Circuit breakers -Fuel gauge - Batterie Control panel)
- 220 V Electric panel behind the settee
- Hydraulic System access from engine room
- Lighting:Overheadlights LED`s integrated in the overhead carbon handrail -Fluorescent Ceiling lamps
- Reading lamps White in cabins
- Redlightfitting/ White LED under Cockpit stair and kitchen
- Navigation and anchor lights with control panel at chart table
- 2 Spreader lights
- Fore deck spot light mid mast

PLUMBING

- stainless steel freshwater tanks (2x250l) - Deck filler port-side - Separate tank filling by selection thru pass valve
- Pressurised electric JABSCO 24V water pump - Accumulator tank -
- 50 L Electric water heater (Operation off engine or on 220 V electrical system)
- Delayed shower draining and electric shower drain JABSCO pump
- 1 Electric bilge pump - 1 Manual bilge pump

GAS

- 2 Gas bottle boxes in the garage
- Pressure reducing valve
- Safety tap and gas detection unit in galley

ELECTRONIC PACK SIMRAD

- Plotter SIMRAD SX45 in the Cockpit
- Electronic charts Med, west Atlantic, Baltic sea
- Autopilot SIMRAD AP20
- Multi-display SIMRAD IS15 (2xwind, depth, compass, combi)
- VHF SIMRAD RS87
- Radar/Radar dome SIMRAD
- AIS active (transmitter and receiver)
- Windex

OTHERS

- Mooring ropes
- Fender und Fender cushions
- Spare halyards and ropes
- Carbon bow ladder
- Cockpit cushions
- Steering wheel covers
- Spare Carbon Wheel
- Spare parts onboard for Engine, Hydraulic System, Filters, pumps, special tools, etc.
- Cutlery, Glasses, cooking accessories
- First aid kit
- Life jackets
- Sea rescue signals



