

## Motor yacht Blueberry – Linszen Grand Sturdy 500 AC Variotop

### BASIC DATA

LOA x beam x draft: ± 16.45 x 4.88 x 1.29 m.

Weight/displacement: ± 30.000 kg / ± 30 m<sup>3</sup>

Air draft with lowered mast to top parking frame Variotop®: ± 4,20 m

Headroom FC/saloon/AC/Wheelhouse: ± 2.00/2.00/2.00/2.00 m.

Max. recommended number of persons: 8

2x 5 cyl. Volvo Penta Diesel, type D3-I50 / ZF 45-H / 3,03l : l / 2x 112 kW (150 HP), 3000 rpm

Fuel tank capacity: ± 2x 1185 ltr.

Water tank capacity: ± 960 ltr.

Holding tank capacity: ± 400 ltr.

### GENERAL LAYOUT

Aft cabin with a free-standing double berth, toilet compartment with washbasin at SB-Side, shower compartment connected to toilet compartment, incl. wardrobes at Port side. On SB side two seats including table  
Spacious U-shaped galley at SB side, cupboards, L-settee at SB-side and club chair at Port-side L-Dinette  
Forward cabin with double berth and cupboards, separate toilet and shower compartment. Guest cabin with 2 single beds, one bed can be slided, so it can be used as a double bed with drawer and linen cupboard  
Wheelhouse with luxury steering position and helmseat at SB-side, settee at Port side

#### I.1 EXTERIOR

Integrated aft deck dodgers

Integrated deck-boxes, U-shaped aft bench with lockable teak top and gas-pressure struts

"Linszen Variotop®: hydraulically-operated, double-lined and insulated convertible roof. Watertight wheelhouse enclosure through a unique, patented, closing system

Hydraulically-controlled collapsible parking frame for the Variotop®. The hydraulically controlled parking frame can be lowered to reduce the maximum air draft to approx. 349 cm.

Stern door (SB and Port) to bathing platform

Integrated steps on Port and Stbd side in transom, with teak treads provided

Teak step in side decks

#### I.2 STAINLESS STEEL

Polished stainless steel sea rail

Polished stainless steel hinged side ladder integrated into deck rail (Port and Starboard)

Opening pulpit lockable incl. stainless steel bar

8 x Original Linszen-design stainless steel cleats

2 x Original Linszen-design stainless steel cleats at the bathing platform

2x Original Linszen Design stainless steel cleats aft from side entrance.

Stainless steel steps to saloon deck midships, demountable, finished with anti-slip steps incl. 2 hand grips on saloon deck

Stainless steel handrails on saloon deck

Polished stainless steel handrails at aft side wheelhouse

Polished stainless steel handrails at transom

Polished stainless steel foldable bathing ladder at bathing platform (incl. solid teak steps with anti-slip profiles)

Stainless steel protection strips at forward, midships bollards and railing entries

### I.3 TECHNICAL

Hydraulic lowering bathing platform, with solid teak parts and Heavy Duty PVC fendering around bathing platform and part of the hull. Incl. remote control. Maximum weight tender 350 kg.

Outside shower at bathing platform, with warm and cold water tap

Bow fitting with adjustable anchor roller and stainless steel anchor holder

LED stair lighting in steps to bathing platform and steps from side decks to aft deck

2 x electrical mooring winches at aft deck bollards. Operation by means of deck switches

LED deck illumination (4x) integrated in deck-box

Air suction vents for engine room integrated in the hull

Linssen DUAL CROSS engine foundation

Linssen "FIS" system (patent Floor Integrated System®) for integral protected loop-up of cables and ductings in the engine compartment

### 2.1 COATING & DECK FINISH

Linssen 2 component Exterior Coating system

Saloon and cabin deck in anti-slip coating

Original Linssen Midnight Blue colour scheme:

Hull: Midnight Blue

Superstructure: Egg Shell White

Waterline: Egg Shell White

Antifouling: Black

Rope fender: Beige

Variotop: Sonnenland Blue

Glass windows saloon, wheelhouse, ventilation-/escape hatches: "Smoke grey" tinted

Non-toxic antifouling suitable for fresh and salt water (Black colour)

Additional 2-component easy-to-clean protective coating in engine compartment?

### 2.2 TEAK DECKS

Original LINSSEN teak deck on front deck and side decks

Original LINSSEN teak deck on aft deck, steps on stern and ventilation/escape hatch.

Original LINSSEN teak deck on cabin deck

### 3.1 TECHNICAL

Stainless steel steering wheel with teak rim at steering position

Hydraulic steering

**Magnus Master stabilization system** (electric 230V or 400 V) to prevent rolling. Completely retractable.

System is maintenance free and has CANbus electronic control with "three term controller" (rolling angle, rolling speed and gear). The digital display has a simple control (park/stabilize) and indication rotor position. Gearboxes of the engines are connected to control system so that the rotors automatically go to park position when stationary or go astern.

**Bow thruster 400V/7,5 kW.** Powered by the generator, long switching time possible, incl. soft start. Bow thruster can deliver a permanent power of 7.5KW and a peak power of 11KW.

Bowthruster finished with proportional (stepless) control

**Stern thruster 400V/7,5kW.** Powered by the generator, long switching time possible, incl. soft start.

Stern thruster can deliver a permanent power of 7.5KW and a peak power of 11KW.

Stern thruster finished with proportional (stepless) control

Twin electronic engine controls at steering position

**Chiller air conditioning** in the whole ship through compressor with variable speed and inverter technology, no starting current and low noise, with total capacity from 50.000 BTU.

Including additional second 230V. /16Amp shore power connection with shore power cable (25 meters). 50% from the cooling capacity is available through 16Amp shore power connection (Eco 1 and 2 position). Total Full cooling capacity over generator.

Linssen Yachts per cabin thermostatically controlled **warm water heating with radiators** in the forward cabin, guest cabin, dinette/saloon, aft cabin and wheelhouse.

Electrically operated valve for air conditioning intake

Fuel tanks of advanced design with inspection/cleaning hatch

Magnetic level gauge in fuel tanks for direct volume indication

Separate second (1 x on engine) fuel filter with water separator, per engine

Double fuel filter with switch (2x)

Electric shut-off valves.

Linssen Yachts "hydrolubricated" propeller shaft installation

Engine/shaft connection through homokinetic coupling and thrust bearing

Low noise propellers

LED Engine room lighting with switch and indicator in switch panel

Entrance engine compartment by folding ladder between the engines and handle against access hatch

Automatic fire extinguishing in engine compartment

Linssen super sound insulation package consisting of a sound absorbent insulation and a non vibration package.

Hatch above engine compartment electrically operated for easy access and inspection of filters etc.

### 3.2 ON-BOARD WATER SYSTEMS

Automatic pressurized water system (incl. solid PVC water tank with inspection/cleaning hatch, incl. level indicator  
2 Automatic pumps including expansion reservoir for water system

Hot water system (**80 litre calorifier/boiler**) 230 V./1200W immersion heater in calorifier

Holding tank toilet including Dockside-Discharge connection and level indicator

All grey water outlets (sinks and shower-drainage) discharge directly overboard

Drain pump(s) shower(s) finished with time relay

Holding tank waste pump-out unit for Direct Discharge, equipped with timer, so pump switches off automatically after 10 min.

Deck-wash pump, including hose and trigger nozzle with connection at bathing platform

Electric bilge pump installations placed in bilges of aft cabin, forward cabin and engine room. Equipped with float switch & alarm (3x 100L/min. pumps)

Additional loose electric bilge pump provided, with discharge tube and supply cable

### 3.3 ELECTRICAL & ELECTRONICS

**Linssen Yachts ICESS main switchboards**, 1x in saloon and 1x at steering position, for control of key functions and reading of fluid levels

Electric domestic 12 V. with automatic main fuse and separate fuses for all users

230V. /16Amp shore power connection, incl. galvanic insulator, earth leakage circuit breaker and automatic fuse protected end groups with indication and shore power cable (25 metres)

Domestic net equipped with remote-controlled main switch

**Domestic: 12V. with 6 batteries**, maintenance free "Super Cycle" AGM 170 Ah.

Starting circuit 12V. with 1 x maintenance free "Super Cycle" AGM-battery 170 Ah.

12 V service net with 1 x maintenance-free "Super Cycle" AGM battery 170 Ah. for Variotop, parking bracket, anchor winch, passerelle, mooring winches and hydraulic lowered bathing platform.

Automatic battery charger/invertor type Victron Quattro 12/3000 with battery monitor. The battery charger has a maximum charging current of 120A, the maximum output power of the inverter is 3000W.

**Generator ONAN 400 V/17,5 kW.** Priority switch shore power/generator and reverse. Start/stop on steering position.

### 3.4 INSTRUMENTS & NAVIGATION

2x **Raymarine Axiom XLI6**, 16" multifunctional colour display with touchscreen and Wi-Fi at steering position  
Raymarine **Ray90 VHF** with Class D "Digital Selective Calling" (DSC) at steering position including antenna in Mast  
**AIS 700** transponder/receiver (Automatic Identification System) integrated on radar/chartplotter display.

Raymarine Quantum 2 (Doppler) **CHIRP radar** antenna, on the mast

Raymarine DST810 **triducer** with read out from echosounder, log and outside water temperature on Axiom disp.

Raymarine **autopilot** with p70RS display at steering position (incl. course computer/rudder indicator/compass transducer)

Raymarine tiller steering, ergonomically positioned for steering position / helm seat

Raymarine RMK-10 remote keypad for complete touch control for Axiom display.

2 x engine instrument panels with rev.counter, engine hour meter and multifunction meter voltameter with alarm, temperature gauge with alarm and oil pressure gauge with alarm

Read out engine functions on multifunctional display Raymarine.

Remote fuel supply cut-off to engines from dinette settee

Compressor horn with control at steering position

LED navigation lights: Starboard and Port side on superstructure, stern light, top light in mast and anchor light

Navionics Gold XL9 marine chart type 46XG, West Europe

### 3.5 EXTERIOR EQUIPMENT HULL

Original Linssen synthetic-fibre rope fender, with stainless steel stretcher (Beige colour)

Lewmar VX-series, type VX3 **Heavy Duty electric anchor winch**, with integrated stainless steel anchor rolls, anchor rail, mooring facility and deck switches.

Wireless windlass control and chain counter

High gloss polished stainless steel **Bruce-anchor 30 kg.** AISI-316

Anchor chain 100m. x 10 mm.

### 3.7 EXTERIOR EQUIPMENT SUPERSTRUCTURE

Stainless steel windscreen wiper installation in wheelhouse SB, middle and port, with touch control suitable for 2 speeds, self-parking, 3-positions interval on 25, 50 and 75% and wish-wash. Incl. integrated choice for synchronize the windscreen wipers at low speed

Window spray-installation wheelhouse for 3 windscreen wipers

Original Linssen Design mast, with double yard, on saloon deck powder coated in superstructure colour, finished with "eyes" and cleats between the yards for flag lines

Deck lighting with 2 lights at mast

**Automatic searchlight** with stainless steel housing in the mast, with control at the steering position

**Electric mast lowering system**, incl. control at steering position.

Aft deck lighting with 2 lights in Variotop® parking frame.

Outside table equipped with **electrically adjustable** table legs (aluminum anodized) including mattress for lounge function.

### 3.8 WINDOWS

Aluminium ventilation/escape hatch, with "Smoke Grey" tinted glass in the forward cabin, incl. blind rouleau/curtain with integrated screen

Aluminium ventilation/escape hatch, with "Smoke Grey" tinted glass in guest cabin and head, incl. blind rouleau/curtain with integrated screen

Aluminium ventilation/escape hatch with "Smoke Grey" tinted glass in aft cabin, incl. blind rouleau/curtain with integrated screen

Fixed panorama window with "Smoke Grey" tinted glass in the stern, profile in hull colour

4x opening port-holes in the forward cabin, with plain acrylate, aluminium anodised with rain protection covers and mosquito screens

### 4. INTERIOR

Interior and exterior style "Marine Blue": Original Yacht experience. Creamy white in combination with the classic deep-dark blue.

Linssen panels FPS® (Floating Panel System, Patented)

Interior constructed of high-end okoumé panelling with cherry veneer

Deck-head lining in elegant vinyl finish panels

Original Linssen maintenance friendly ship's floor, teak color with light striping

High gloss stainless steel fittings in all compartments

High gloss stainless steel door and locker furniture, with push-button catches

#### 4.1 AFT CABIN

Stylish/high quality floor covering in teak colour in rear cabin on second floor level next to bed.

Double berth, with slatted base and sprung mattress including spacious drawers underneath bed

Bedside table at Port side

Bedside table at Starboard side

Spacious hanging wardrobes in the aft cabin

Spacious cabinets in aft cabin Port side and seat at SB-side

Cabinet part hallway at Port side:

- 1x cupboard incl. refrigerator 130 ltr
- 1x Cupboard prepared for the installation of a freezer cabinet
- 1x cupboard prepared for wine climate refrigerator
- 1x Cupboard universal 60 x 90 x 55 cm

Cabinet hallway Starboard side:

- 2x multifunctional hanging / cupboards
- 2x drawer
- 2x shoe drawer
- 1x cupboard prepared for assembly of ice maker

#### 4.1.2 SHOWER AND HEADS COMPARTMENTS - REAR CABIN

Toilet compartment in the aft cabin in high quality Formica wall finishing

Integrated washbasin surface mounted in aft toilet-compartment vanity unit. Worktop finished in original Corian® White Onyx

Shower in the AC finished in high quality Formica wall finishing

Shower tray aft cabin in Corian White Onyx designed with grooves for water drainage

Radiator in aft cabin toilet compartment. Thermostatically controlled.

## 4.2 SALOON & GALLEY

Comfortable saloon settee with integrated storage space

A high **electrically pocketable** coffee table with large table top. Table can be used as a dining table and with supplied filling mattress as bed

Solid wooden handrail fitted on saloon ceiling

Grab rail at saloon stairs, in high gloss stainless steel

L-shaped dinette with integrated drawers

U-shaped galley with cupboards and drawers

U-shaped galley worktop finished with original Corian® White Onyx

SS railing on wooden cupboards on port and Sb side at front windows

### 4.3.1 FRONT CABIN AND GUEST CABIN

Stylish/high quality teak coloured flooring in front cabin on second floor level next to bed.

Double berth with slatted base and large drawer

Combined hanging-locker/linen-cupboard on Port side

Combined hanging-locker/linen-cupboard on Starboard side

Two single berths in the guest cabin, incl. drawer under Stbd berth. The beds can be converted into one double bed

Spacious linen cupboard in guest cabin

### 4.3.2 SHOWER AND HEADS COMPARTMENTS

Toilet/shower walls FC in high quality Formica wall finishing

Integrated washbasin surface mounted in front toilet-compartment vanity unit. Worktop finished in original Corian® White Onyx

Shower in the FC finished in high quality HPL wall finishing

Storage space in the toilet compartment FC

Shower tray front cabin in Corian White Onyx designed with grooves for water drainage

Radiator in front cabin shower compartment. Thermostatically controlled.

Radiator in front cabin toilet compartment. Thermostatically controlled.

## 4.4 WHEELHOUSE

Bench on the Port side including drawer

Helmseat with integrated pull-out table function.

Wetbar at SB-side incl. Corian White Onyx wash basin and hot and cold mixer tap

Walnut wood dashboard finished in real leather, at SB side

Comfortable electric adjustable Linszen Design helm seat, in height adjustable, with matching leather upholstery.

Horizontally manual adjustable

## 5. FINISH

### 5.1 LIGHTING & SOCKETS

LED lighting in wheelhouse switchable from warm white to red light for night navigation. Lighting can be switched with wall switch and at light point.

LED interior lighting with wall switches and/or switch on light point in the compartments. Dimmable LED lighting in front cabin, guest cabin, saloon, aft cabin and wheelhouse.

Luxurious LED reading lights (2x) in the aft cabin

Luxurious LED reading lights (2x) in the front cabin

Luxurious LED reading lights (2x) in the guest cabin

Attractive indirect lighting in interior

Stair-lighting in steps throughout the interior

USB-connection in saloon (1x), dinette (1x), FC (1x), guest cabin (1x), AC (3x) and in wheelhouse (2x) for charging mobil equipment. (Total 9x)

1 x 12 V. socket in the saloon on Port-side, aft

230 V. sockets in the FC (2x), guest cabin (1x), toilet FC (1x), dinette (1x), saloon (2x), galley (1x double), toilet AC (1x), AC (3x), dressing table AC (1x) and in the wheelhouse (2x)

## 5.2 GALLEY

Bar cupboard/drawer in saloon, incl. set of Linssen Yachts glasses (comprising: 6 shot glasses, 6 highball glasses, 5 whisky glasses, 6 wine glasses and 6 champagne glasses)

110 l. refrigerator with freezer compartment in the galley

130 Ltr. refrigerator in entrance to AC

45 l. electric refrigerator with 4.4 ltr. freezer compartment in the wheelhouse wet-bar

Cooling tray, 30 ltr, built-in rear settee in the aft cabin including extra tray for wine bottles and glass set (2x champagne, 2x wine, 2x longdrink, 2x whiskey)

Wine climate closet with glass door in walkway to aft cabin, cap. 24 wine bottles

230V. dishwasher (front loader) integrated into galley. Capacity: 6 covers

230V. washer/dryer combination, fitted in the forward cabin shower compartment

230V. induction hob, stainless steel, with touch control. 1 x 1200 W. cooking zone, 2 x 1800 W. cooking zone, 1 x 2200 W. cooking zone

Extractor (230V). above hob integrated in wooden pillar

230V. stainless steel 42 l. microwave/oven/grill combination. Temperature range 30-250 degrees. 90-1000W microwave power

Coffee Corner in saloon with Siemens espresso machine on extendable furniture in saloon cabinet. Complete with cups and saucers.

Integrated waste bucket in cupboard

Plate holders and anti-skid mats in galley drawers

Cutlery tray

"Magic Corner" cupboard incl. basket set in the galley

Foldable sidetable in pantry next to refrigerator

## 5.3 SANITARY FITTINGS

Build in wall mixer tap in forward shower type Grohe (Thermostatically adjustable) incl. shower rail

Build in wall mixer tap in aft shower type Grohe (Thermostatically adjustable) incl. shower rail

Shower door in aft cabin shower incl. attachment to arrest door in seaway.

Shower door in forward cabin shower incl. attachment to arrest door in seaway.

Electric toilet in forward cabin, with fresh water rinsing

Electrical toilet in the aft cabin, with fresh water rinsing

#### 5.4 AUDIO / VIDEO / INTERNET

Stereo radio/MP3-player Fusion RA70N with bluetooth including 2 speakers in the saloon and FM radio antenna in mast.

Audio streaming possible

Operation possible via the App FUSION link

DAB+ ready

AM/FM including RDS

Amplifier Class-AB 4x 50W

Set speakers in wheelhouse

49" (123cm) LED TV with integrated DVB-T & DVB-S tuner in saloon integrated on AC wall

32" (81cm) LED TV with integrated DVB-T & DVB-S tuner in aft cabin

#### 5.6 INTERIOR UPHOLSTERY

Dinette settees, finished in genuine leather

U-shaped saloon settee, finished in genuine leather

Dashboard finished in genuine leather

Comfortable seat, finished in leather

Seats at starboard side in aft cabin in genuine leather

Steering settee in wheelhouse finished in genuine leather

Matrass 2x 1 pers. in front cabin type Combispring 14 cm.

Matrass 2x 1 pers. in aft cabin type Combispring 14 cm.

Matrass 2x single person in guest cabin type coldfoam 10 cm. with layer in foam in two hardness grades.

Beautiful curtains, manually operated for windows and port holes in saloon

Beautiful pleated window covering manually operated for windows and port holes in forward and aft ship

Cushions for aft deck U-settee in water-repellent fabric, colour blue-white

#### 5.8 EQUIPMENT

**Safe A4 size**, with combination lock, in aft cabin (Inside dimensions: hxd=227x357x300)

Spares kit including tool-kit, impeller, fuses, paint-tips and various maintenance parts

Complete inventory including 6 fenders, 4 mooring ropes (16 meters), boathook, life buoy, bucket, scrubbing brush, national flag, yard burgee, safety rope for anchor chain and anchor ball

First-aid box in saloon according to DIN13157

ABC fire class compliant fire extinguishers (3 x 2 kg)

**Optical smoke detector** with fixed built-in lithium battery (life span 10 years) in all sleeping compartments.

All steps made in HPL (light cherry wood)

Removable heating cover cushion

Full wood tables (no leather inlays)

Stainless steel plate with ships dimensions

#### 5.9 CANVAS & COVERS

Closed covering over the aft deck (width deck boxes) Sunbrella Dark Navy. The side and back panels can be opened by a zip-fastener

Linssen Variotop® insulated cabriolet of high-grade Sonneland A5 Blue including bright inside lining

*Despite the fact that the utmost care and attention have been paid to compiling this overview, it is unfortunately not impossible that it contains inaccuracies, mistakes and/or errors. Changes may also have been made to (parts of) the list in the meantime. No rights can therefore be derived from this list. It is for illustrative purposes only.*