



## Linssen Yachts Standard Equipment

### Linssen Grand Sturdy 500 Sedan

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#### BASIC DATA

01010.05	Construction Bottom/hull/decks/superstructure Weight/displacement	: SPH®(patent pending) (Softchine Prestressed Hull) : 6/5/4/5-4 mm. : ±25.000 kg / ±25 m <sup>3</sup>
01020.05	LOA x beam x draft Length hull Length over deck Length waterline Minimum air draft Headroom FC/saloon	: ± 15.50 x 4.65 x 1.20 m. : ± 14 m. : ± 13.90 m. : ± 12.95 m. : ± 2.75 m. : ± 2.00/2.05 m.
01030.13	CE-classification Number of max. recommended persons	: B (sea) :12
13020.32	Engine  Alternator	: 2x 4 cyl. Yanmar Diesel, type 4JH110 ZF 25-H / 2,8 : 1 80.9 kW (110 HP), 3200 rpm : 2x 125A-12V
03040.01	Fuel tank capacity Water tank capacity Holding tank capacity	: ± 2x 750 ltr. : ± 720 ltr. : ± 400 ltr.
42001.01	Spacious saloon with U-settee, low saloon table and galley at Port side. Folding dinette/desk with 2 design stools and inside steering position including steering bench at SB-side.	
43001.01	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	
43045.01	Niche on Port side in the forward cabin with plexiglas shelves.	

## 1. HULL

### 1.1 EXTERIOR

11015.01	Hull constructed in accordance with the Linssen Yachts SPH® (patent pending) construction method
11060.03	Linssen e-Variodeck® (electric sliding roof) in the saloon with integrated cassette mosquito screen/blackout blind
11065.02	Longtop, saloondeck width (small), insulated and finished with ceiling and integrated LED dimmer lights.
11068.01	Selfdraining cockpit with functional drain system
11070.01	Integrated cockpit settee U-shaped with teak top
11080.02	Stern door (SB and Port) to bathing platform
11085.02	Doors in the cockpit at Starboard and Port side

### 1.2 STAINLESS STEEL

12010.01	Polished stainless steel sea rail
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12020.02	Polished stainless steel hinged side ladder integrated into deck rail (Port and Starboard)	2
12030.02	Opening pulpit lockable incl. stainless steel bar	
12050.05	10 x Original Linssen-design stainless steel cleats	
12055.01	2 x Original Linssen-design stainless steel cleats at the bathing platform	
12080.01	Stainless steel handrails on saloon deck	
12130.01	Polished stainless steel foldable bathing ladder at bathing platform (incl. solid teak steps with anti-slip profiles)	
12146.01	Stainless steel coated bathing platform, with solid teak parts including Heavy Duty PVC fendering all around and along part of the hull. Bathing platform will be fixed to the hull with demountable supports.	

### 1.3 TECHNICAL

13028.01	Air suction vents for engine room integrated in the hull
13040.01	Linssen "FIS" system (patent Floor Integrated System®) for integral protected loop-up of cables and ductings in the engine compartment
13070.03	Provisions for simple installation of stabilization system to prevent rolling of the ship. 2 mounting flanges welded in the hull.
13110.01	Outside shower at bathing platform, with warm and cold water tap
13150.02	Integrated bow fitting with fixed anchor roller and stainless steel anchor holder
13155.01	Mooring facility at bow through stainless steel hawse and stainless steel protection strips
13260.00	Hull provided with holes in Port and SB bollard box aft deck for mounting mooring winches. Holes are blinded with blind flanges.
13280.01	Waterproof speakers for radio in open cockpit
13290.03	Heating outlet with adjustable air outlet in cockpit, connected to heating system

## 2. COATING

### 2.1 COATING & DECK FINISH

21010.01	Linssen 2 component Exterior Coating system
21020.01	Saloon and cabin deck in anti-slip coating
21060.01	Non-toxic antifouling suitable for fresh and salt water (Black colour)
21070.01	Additional 2-component easy-to-clean protective coating in engine compartment
21090.19	Original Linssen Sand Beige colour scheme:
	Superstructure and hull : Sand Beige
	Waterline : Dark Green
	Antifouling : Black
	Rope fender : Beige
	Canvas and Covers : Sand - F4128 – 01897
	Glass windows saloon,ventilation-/escape hatches: "summer green" tinted
22030.01	Teak floor in the cockpit finished with solid teak frames incl. original Linssen teak deck on gangways from transom to sliding doors

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**3. ENGINE COMPARTMENT**

**3.1 TECHNICAL**

- 31011.23 Linssen Yachts "hydrolubricated" propeller shaft installation
- 31021.21 Engine/shaft connection through homokinetic coupling and thrust bearing
- 31025.32 Low noise propellers
- 31034.02 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.
- 31054.02 Stern thruster 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.
- 31080.03 Twin electronic engine controls at steering position
- 31090.03 Hydraulic steering
- 31093.02 Stainless steel steering wheel with teak rim, at inside steering position
- 31145.21 Fuel tanks of advanced design with inspection/cleaning hatch
- 31161.03 Magnetic level gauge in fuel tanks for direct volume indication
- 31180.06 Yanmar standard fuel filters with water separator and water alarmsensor.
- 31210.02 Remote fuel supply cut-off to engines from dinette settee
- 31300.01 Linssen Yachts per cabin thermostatically controlled warm water heating with radiators in the forward cabin, guest cabin, dinette/saloon, aft cabin and wheelhouse.
- 31307.01 Radiator in front cabin toilet compartment. Thermostatically controlled.
- 31307.02 Radiator in additional front cabin toilet/shower compartment. Thermostatically controlled.
- 31315.01 Lighting with ir-sensor under cockpit floor
- 31331.01 Entrance engine compartment by folding ladder between the engines.
- 31700.03 Automatic fire extinguishing in engine compartment
- 31750.01 Linssen super sound insulation package consisting of a sound absorbent insulation and a non vibration package.

**3.2 ON-BOARD WATER SYSTEMS**

- 32010.13 Automatic pressurized water system (incl. solid PVC water tank with inspection/cleaning hatch), incl. level indicator
- 32020.01 2 Automatic pumps including expansion reservoir for water system
- 32050.04 Hot water system (60 litre calorifier)
- 32060.01 230 V./800W immersion heater in calorifier
- 32080.06 Holding tank toilet including Dockside-Discharge connection and level indicator  
Holding tank capacity : ± 400 ltr.
- 32095.01 All grey water outlets (sinks and shower-drainage) discharge directly overboard  
Drain pump(s) shower(s) finished with switch-off delay
- 32110.02 Holding tank waste pump-out unit for Direct Discharge, equipped with timer, so pump switches off automatically after 10 min.
- 32150.04 Deck-wash pump, including hose and trigger nozzle with connection at bathing platform
- 32190.01 Electric bilge pump installations placed in bilges of aft cabin, forward cabin and engine room. Equipped with float switch & alarm (3x 100L/min. pumps)
- 32200.01 Additional loose electric bilge pump provided, with discharge tube and supply cable

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### 3.3 ELECTRICAL & ELECTRONICS

33020.01	Electric domestic 12 V. with automatic main fuse and separate fuses for all users
33022.01	Linssen Yachts ICCCESS main switchboards, 1x in saloon and 1x at steering position, for control of key functions and reading of fluid levels
33030.01	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)
33180.02	Starting circuit 12V. with 2 x maintenance free AGM-battery.
33090.03	Domestic 12V with 4 Lithium Iron Phosphate (LFP) batteries 200Ah.
33225.01	12 V service net with 1 x maintenance-free "Super Cycle" AGM battery 170 Ah. for anchor winch, mooring winches and hydraulic lowering bathing platform.
33229.01	Domestic net equipped with remote-controlled main switch
33271.03	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.
33285.70	Group of solar panels of 6x 160Wp on part of the longtop. Connected to a Victron Smart Solar charge controller for charging the domestic batteries. Can be read out on the Victron Color GX panel.
33295.05	Generator Northern Lights 400 V/16,0 kW. Priority switch shore power/generator and reverse. Start/stop on steering position.

### 3.4 INSTRUMENTS & NAVIGATION

34010.02	2 x engine instrument panels with rev.counter, engine hour meter and multifunction meter with voltmeter with alarm, temperature gauge with alarm and oil pressure gauge with alarm
34030.02	Compressor horn with control at steering position
34050.02	Government approved LED navigation lights: Starboard and Port side on superstructure, stern light, top light in mast and anchor light

#### 3.4.1 NAVIGATION INSTRUMENTS

34110.10	Raymarine autopilot with p70RS display at steering position (incl. course computer/rudder indicator/compass transducer) with protection in mast which disengages autopilot during AUTO operation if mast is folded.
34125.07	Raymarine Axiom+12RV, 12" multifunctional colour display with touchscreen and Wi-Fi at steering position. Including read out from echosounder, log and outside water temperature.
34132.80	Raymarine RMK-10 remote keypad for complete touch control for Axiom display.
34140.03	Navionics Gold XL9 marine chart type 46XG, West Europe

#### 3.4.5 COMMUNICATION PACKAGES

34190.09	Raymarine Ray90 VHF with Class D "Digital Selective Calling" (DSC) at steering position including antenna in Mast
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#### 3.4.6 OTHER NAVIGATION INSTRUMENTS

34135.06	Second Raymarine Axiom+12, 12" multifunctional colour display with touchscreen and Wi-Fi at steering position. Including read out from echosounder, log and outside water temperature.
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### 3.5 EXTERIOR EQUIPMENT HULL

35010.00	Magnesium or zinc anodes (depending on cruising area)
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35030.01	Original Linssen synthetic-fibre rope fender, with stainless steel stretcher (Beige colour)		
35040.01	Ships name on bow and stern. Port of Registry and Registration number on stern in colour of the waterline Bow letter type; Snell Roundhand. Stern letter type; VAG		
35090.04	Lewmar VX-series, type VX3 Heavy Duty electric anchor winch, with integrated stainless steel anchor rolls, anchor rail and deck switches.		
35120.02	20 kg. galvanized Bruce-anchor		
35140.03	50m. x 10mm. anchor chain, according DIN 766		

### 3.7 EXTERIOR EQUIPMENT SUPERSTRUCTURE

37030.02	Stainless steel windscreen wiper installation in saloon SB and middle, with touch control suitable for 2 speeds, self-parking, 3- positions interval on 25, 50 and 75% and wish-wash. Incl. integrated choice for synchronise the windscreen wipers at low speed
37060.02	Window spray-installation saloon for two wipers
37070.02	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
37075.02	Stainless steel mast stays with quick release system
37080.08	Electric mast lowering system, incl. control at steering position.
37230.01	Fixed luxury teak table with 2-piece folding joint with quick release at bench on aft deck with stainless steel base.
37270.01	Bifold Vario Doors, 4-parts. Aluminium powder-coated door party, double-glazed over the entire height. Wicket door on SB side of centre
37272.11	"Linssen slide and pop-out-door (LSP®)", watertight sliding door in saloon on port and SB-side, coated in superstructure colour, with special lip-seal developed by Linssen

### 3.8 WINDOWS

38030.01	Double-glazed "Summer Green" tinted windows in the saloon with thermal insulated profile (Thermic Line).
38060.36	Front hinged window Port side with green tinted glass in the saloon, can be opened and closed electrically. With grey thermal insulated profile (Thermic Line). Incl. mosquito screen, fitted on the outside with magnets
38300.08	7x opening port-holes in the forward cabin, with plain acrylate and in the FC cupboard 1x fixed porthole
38405.02	2x Aluminium ventilation/escape hatch, with clear acrylic in the forward cabin, incl. blind rouleau/curtain with integrated screen.
38412.01	Aluminium ventilation/escape hatch, clear acrylic in centre cabin and toilet compartment, with blackout blind and integrated insect screen

## 4. INTERIOR

### GENERAL

40010.01	Linssen panels FPS® (Floating Panel System, Patented)
40020.03	Interior constructed of high-end okoumé panelling with cherry finish
40025.14	Interior and exterior style "Classic Traditional": Classic modesty. Stylish elegance through soft beige shades.
40030.02	Deck-head lining in elegant vinyl finish panels
40040.02	Original Linssen maintenance friendly ship's floor, teak color with light striping.
40050.02	High gloss stainless steel fittings in all compartments
40060.02	High gloss stainless steel door and locker furniture, with push-button catches

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### 4.1 OPEN COCKPIT

- 41141.97 Storage system under the cockpit floor. Executed as cabinet wall 3 modules on SB and 3 modules at Port side. Including 8 plastic storage boxes 400x300x200mm and 2 folding crates 400x300x200mm.

### 4.2 SALOON & GALLEY

- 42011.90 Hatch above engine room for easy access and inspection of this room.
- 42021.01 Comfortable U-shaped saloon settee with integrated storage space. The rear seating position of the saloon settee can be rotated by 180 degrees so that it can be used as both an indoor and outdoor seat.
- 42035.03 Elegant saloon table, low model
- 42037.01 Saloon table top with flush leather panel.
- 42061.01 Walnut wood dashboard finished in real leather, at SB side
- 42081.01 U-shaped galley with cupboards and drawers
- 42092.03 U-shaped galley worktop finished with original Corian®
- 42141.01 Functional storage space in forward section, equipped with 6 storage boxes and lighting

#### 4.3.1 FRONT CABIN AND GUEST CABIN

- 43010.01 Stylish/high quality flooring in front cabin on second floor level next to bed.
- 43021.01 Double berth with slatted base and 2 drawers
- 43043.01 Large wall cabinet in the FC on the SB side. The cabinet is equipped with automatic lighting, adjustable and removable shelves and fiddle rails.
- 43102.01 Two single berths in the guest cabin, incl. drawer under Stbd berth. The beds can be converted into one double bed
- 43121.01 Spacious linen cupboard in guest cabin

#### 4.3.2 SHOWER AND HEADS COMPARTMENTS

- 43062.02 Toilet/shower walls FC in high quality Formica wall finishing
- 43071.13 Integrated washbasin surface mounted in front toilet-compartment vanity unit. Worktop finished in original Corian®
- 43082.02 Shower in the FC finished in high quality HPL wall finishing
- 43082.91 Shower tray front cabin in corian designed with grooves for water drainage
- 43082.01 Guest shower at portside in the FC finished in HPL finish
- 43081.11 Storage space in the toilet compartment FC
- 43081.91 Corian shower tray in guest wet room in the forward cabin, 3-dimensionally shaped for optimal water drainage.
- 43081.95 Integrated washbasin surface mounted in front toilet-compartment vanity unit. Worktop finished in original Corian®
- 43200.02 Shower in guest bathroom with built-in Grohe shower mixer, thermostatically controlled, including sliding wall bar. 3-dimensionally shaped Corian shower tray for optimal water drainage.

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**5. FINISH****5.1 LIGHTING & SOCKETS**

51010.05	LED interior lighting with wall switches and/or switch on light point in the compartments. Dimmable LED lighting in front cabin, guest cabin and saloon.
51080.11	Luxurious LED reading lights (2x) in the front cabin
51090.11	Luxurious LED reading lights (2x) in the guest cabin
51100.01	Attractive indirect lighting in the FC, AC and in the hall to the aft cabin
51100.02	Attractive indirect lighting in the FC heads
51400.11	USB-connection in saloon (2x), steering position (1x), dinette/desk (1x), FC (1x) and guest cabin (1x) for charging mobil equipment. (Total 6x)
51500.00	1 x 12 V. socket in the saloon on Starboard-side, aft
51601.01	230 V. sockets in the FC (2x), guest cabin (1x), toilet FC (1x), guest toilet (1x), saloon (4x), galley (1x double) and steering position (1x). (Total 12x)
51640.01	Additional 1x double 230 V. socket in the galley

**5.2 GALLEY**

52015.01	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)
52020.01	Integrated waste bucket in cupboard
52025.01	Plate holders and anti-skid mats in galley drawers
52029.01	In the galley 2 drawers next to oven
52030.01	Cutlery tray
52034.02	Pharmacy cabinet in the galley
52035.03	"Magic Corner" cupboard including basket set in saloon under the steering seat.
52040.01	80 l. refrigerator with freezer compartment under the steering bench, accessible from the galley.
52050.03	110 Ltr. refrigerator with freezer compartment in saloon
52080.03	230V. dishwasher (front loader) integrated into galley. Capacity: 6 covers
52100.02	230V. washer/dryer combination, fitted in the guest head forward cabin SB-side
52140.02	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
52180.01	Stainless steel/corion sink
53020.03	Mixer tap in galley type Grohe Essence
52220.02	230V. stainless steel 42 l. microwave/oven/grill combination. Temperature range 30-250 degrees. 90-1000W microwave power

**5.3 SANITARY FITTINGS**

53010.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in the forward cabin head
53010.10	In the FC bathroom cabinet integrated 6-litre waste bin with stainless steel soft-close waste flap
53012.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in guest head
53012.10	In the guest bathroom cabinet integrated 6-litre waste bin with stainless steel soft-close waste flap
53030.04	Build in wall mixer tap in toilet compartment FC, chrome, type Grohe Talis
53050.06	Build in wall mixer tap in forward shower type Grohe (Thermostatically adjustable) incl. shower rail

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- 53130.02 Electric toilet in forward cabin, with fresh water rinsing
- 53135.02 Electric Deluxe Flush toilet, with fresh water rinsing in guest head
- 53130.99 "Odour system" to reduce smells from black water system

### 5.4 AUDIO / VIDEO / INTERNET

- 54010.02 Stereo radio/MP3-player Fusion Apollo Apollo RA770 with bluetooth and touch screen, including Subwoofer and 2 speakers in the saloon and amplified radio-antenna in the mast, connected to Raymarine display. Radio can be controlled via Fusion app on smart phone or tablet
- 54200.01 Primary TV connection at saloon under steering position, incl. extra 230 V. socket
- 54250.01 Glomex TV-antenna on mast, suitable for analogue & digital reception. Suitable for DVBT-T2 network.
- 54400.05 43" (109cm) LED TV with integrated DVB-T2 & DVB-S tuner in saloon
- 54500.05 Electric TV lift integrated in salon furniture, TV lift control with remote control

### 5.6 INTERIOR UPHOLSTERY

- 56041.02 Anatomically moulded U-shaped saloon settee, finished in genuine leather
- 56045.50 Comfortable electrically horizontally adjustable Linssen Design helm seat with matching leather upholstery.
- 56050.02 Dashboard finished in genuine leather
- 56073.22 2 design stools finished in genuine leather.
- 56101.02 Mattress 2x 1 pers.in front cabin type 7-zone 14 cm.
- 56161.01 Mattress 2x single person in guest cabin type coldfoam 10 cm. with layer in foam in two hardness grades.
- 56300.01 Beautiful pleated window covering manually operated for windows and port holes throughout the ship

### 5.7 EXTERIOR UPHOLSTERY

- 57031.01 Cushion set for U-shaped cockpit settee in in water-repellent fabric, colour depending on chosen interior package

### 5.8 EQUIPMENT

- 58010.01 Spares kit including tool-kit, impeller, fuses, paint-tip and various maintenance parts
- 58020.01 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
- 58030.01 First-aid box in saloon according to DIN13157
- 58040.01 ABC fire class compliant fire extinguishers (3 x 2 kg)
- 58045.01 Optical smoke detector with fixed built-in lithium battery (life span 10 years) in all sleeping compartments.

### 5.9 CANVAS & COVERS

- 59020.11 Cockpit canvas Longtop, beige.
- 59021.01 Linssen One Touch Cockpit Cover (OCC)<sup>®</sup> :

This electric cockpit cover, developed and patented by Linssen, can be opened all around the cockpit. By opening a zip and a few push buttons, the entire canvas (in 2 parts, SB and Port) can be opened and closed automatically by remote control. The sails disappear into the Linssen design powder-coated aluminium storage cassettes on the SB and Port side of the cockpit.