

Linssen Yachts Standard Equipment

Linssen Grand Sturdy 500 Sedan

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BASIC DATA

01010.05	Type code	: 28B
	Construction	: SPH® (patent pending) (Softchine Prestressed Hull)
	Bottom/hull/decks/superstructure	: 6/5/4/5-4 mm.
	Weight/displacement	: ±24.000 kg / ±24 m ³
01020.05	LOA x beam x draft	: ± 15.50 x 4.65 x 1.20 m.
	Length hull	: ± 14 m.
	Length over deck	: ± 13.90 m.
	Length waterline	: ± 12.95 m.
	Minimum air draft	: ± 2.75 m.
	Headroom FC/saloon	: ± 2.00/2.0.5 m.
01030.03	CE-classification	: B (sea)
	Number of max. recommended persons	: 12
13020.20	Engines	: 2x 4 cyl. Mercury Diesel, type MD2.0L ZF 25-H / 2,8 : 1 2x 84 kW (115 HP), 3000 rpm
	Alternator	: 2x 110A-12V
03040.01	Fuel tank capacity	: ± 2x 750 ltr.
	Water tank capacity	: ± 720 ltr.
	Holding tank capacity	: ± 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.	
42099.99	Additional work surface in the galley through cherry wood folding part next to hob	
43001.01	Forward cabin with double berth, cupboards and walk-in closet, toilet compartment and separate shower compartment. Guest cabin with 2 single beds with drawer and linen cupboard on port side and additional toilet compartment with optional shower on starboard.	
43045.01	?	

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

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1.2 STAINLESS STEEL

12010.01	Polished stainless steel sea rail
12020.02	Polished stainless steel hinged side ladder integrated into deck rail (Port and Starboard)
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	

2.2 TEAK DECKS

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
- 31025.22 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.
- 31034.22 Bowthruster finished with proportional (stepless) control
- 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.
- 31054.22 Stern thruster finished with proportional (stepless) control
- 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
- 31180.05 Separate second (1 x on engine) fuel filter with water separator, per engine
- 31210.02 Remote fuel supply cut-off to engines from saloon settee
- 31300.01 Linssen Yachts per cabin thermostatically controlled warm water heating with radiators in the forward cabin, guest cabin, and dinette/saloon.
- 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
- 32095.01 All grey water outlets (sinks and shower-drainage) discharge directly overboard
- 32110.02 Holding tank waste pump-out unit for Direct Discharge
- 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.)
- 32200.01 Additional loose electric bilge pump provided, with discharge tube and supply cable

3.3 ELECTRICAL & ELECTRONICS

- 33020.01 Main fuse incorporating automatic cut-out

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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 with fuses and shore power cable (25 metres)	
33082.04	Domestic: 12V. with 4 maintenance free "Super Cycle" AGM-batteries 170 Ah.	
33140.08	2 x additional maintenance-free domestic "Super Cycle" AGM-batteries 170 Ah., including wiring & fitting	
33180.02	Starting circuit 12V. with 2 x maintenance free "Super Cycle" AGM-battery.	
33225.01	12 V service net with 1 x maintenance-free "Super Cycle" AGM battery 170 Ah. for Variotop, parking frame, anchor winch, passerelle, mooring winches and hydraulic lowered 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. Connected to a Victron Smart Solar charge controller for charging the domestic batteries. Can be read out on the Victron Color GX panel.	
33295.02	Generator ONAN 400 V/17,5 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, voltmeter with alarm, temperature gauge with alarm, oil pressure gauge with alarm, ignition key and engine hour meter	
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 one or several 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	
3.5 EXTERIOR EQUIPMENT HULL		
35010.00	Magnesium or zinc anodes (depending on cruising area)	
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	

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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, powder coated in superstructure colour

37075.02 Stainless steel mast stays with quick release system

37080.08 Electric mast lowering system, incl. control at steering position.

37230.01 Luxury teak table (outside)

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 grey 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

38300.06 6x opening port-holes in the forward cabin, with plain acrylate, with rain protection covers and mosquito screens.

38403.01 2x Aluminium ventilation/escape hatch, with "Summer Green" tinted acrylate in the forward cabin, incl. blind rouleau/curtain with integrated screen

38410.01 Aluminium ventilation/escape hatch, with "Summer Green" tinted glass in guest cabin and head, incl. blind rouleau/curtain with integrated screen

4. INTERIOR

GENERAL

40010.01 Linssen panels FPS® (Floating Panel System, Patented)

40020.01 Interior constructed of high-end okoumé panelling with cherry veneer

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 (Shower- and toilet compartments in high quality decor finish)

40040.01 Original Linssen ships floor

40050.02 High gloss stainless steel fittings in all compartments

40060.02 High gloss stainless steel door and locker furniture, with push-button catches

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 Floor hatches in saloon (2x) hinged with gas struts

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.

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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	Galley with cupboards and drawers		
42092.03	Galley worktop finished with original Corian®		
42141.01	Functional storage space in forward section, equipped with 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
43031.01	Spacious linen wardrobe and separate wardrobe on BB side.
43041.01	Spacious linen wardrobe and separate wardrobe on SB side.
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.
43101.01	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 toilet compartment for guests, suitable for fitting of washer/dryer
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.

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, saloon and open cockpit
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 and guest cabin
51100.02	Attractive indirect lighting in the FC heads
51400.11	USB-connection in saloon (2x), steering position (1x), dinette (1x), FC (1x) and guest cabin (1x) for charging mobil equipment. (Total 6x)

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51500.00	1 x 12 V. socket in the saloon on Stb-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)		
5.2 GALLEY			
52015.01	Bar cupboard/drawer in saloon, incl. set of Linssen Yachts glasses (comprising: 6 shot glasses, 6 highball glasses, 6 whisky glasses, 6 wine glasses and 6 champagne glasses)		
52020.01	Integrated waste bin in top of room divider.		
52025.01	Plate holders and anti-skid mats in galley drawers		
52030.01	Cutlery tray		
52034.01	Pharmacy cabinet in the galley		
52034.02	?		
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 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 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		
53012.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in guest head		
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		
53130.02	Electric toilet in forward cabin, with fresh water rinsing		
53135.02	Electric Deluxe Flush toilet, with fresh water rinsing in guest head		
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 Starbord TV cupboard, incl. extra 230V. 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	?		

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- 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 Combispring 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-tips and various maintenance parts
- 58020.01 Complete inventory including fenders, 4 mooring ropes (16 metres), 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 (2 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)[®] :

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.