



Linssen Yachts Standard Equipment

Linssen Grand Sturdy GS 45.1 Sedan

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1

BASIC DATA

01010.05	Type code	: 11H
	Construction	: SPH®(patent pending) (Softchine Prestressed Hu
	Bottom/hull/decks/superstructure	: 6/5/4/4 mm.
	Weight/displacement	: ±19.500 kg / ±19,5 m ³
01020.05	LOA x beam x draft	: ± 13.98 x 4.35 x 1.20 m.(single engine version) : ± 13.98 x 4.35 x 1.22 m. (twin engine version)
	Length over deck	: ± 13.23 m.
	Length waterline	: ± 12.00 m.
	Minimum air draft	: ± 2,72 m.
	Headroom FC/saloon	: ± 1.97/2.01 m.
01025.01	Stainless steel plate with indicative air drafts and theoretical dimensions at the steering position	
01030.03	CE-classification	: B (sea)
	Number of max. recommended persons	: 10
13010.33	Engine	: 1x 4 cyl. Yanmar Diesel, type 4LV150 ZF 68 / 2,783 : 1 110 kW (150 HP), 3500 rpm
	Alternator	: 130A-12V
03040.01	Fuel tank capacity	: ± 1x 1080 ltr.
	Water tank capacity	: ± 440 ltr.
	Holding tank capacity	: ± 300 ltr.
42001.01	Spacious saloon with U-settee, low saloon table and inside steering position at Port-side. U-shaped galley, folding dinette/desk and 2 design stools at SB-side.	
43001.01	Forward cabin with double berth and cupboards, toilet compartment and seperate shower compartment. Guest cabin with 2 single beds with drawer and linen cupboard. On starboard an additional toilet compartment.	

1. HULL

1.1 EXTERIOR

11015.01	Hull constructed in accordance with the Linssen Yachts SPH® construction method
11065.02	Longtop, saloondeck width, insulated and finished with ceiling and integrated LED dimmer lights.
11068.01	Selfdraining cockpit with functional drain system
11070.01	Integrated cockpit settee L-shaped with teak top
11080.01	Integrated stern door to bathing platform

1.2 STAINLESS STEEL

12010.01	Polished stainless steel sea rail
12020.01	Side entrances with stainless steel entrance chains
12030.01	Opening in sea rail at the bow (lockable with stainless steel chain)
12050.05	10 x Original Linssen-design stainless steel cleats

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12055.01	2 x Original Linssen-design stainless steel cleats at the bathing platform	
12080.01	Stainless steel handrails on saloon deck	
12120.01	Settee with storage space and solid teak top on bathing platform	
12125.01	Teak step in side decks	
12130.01	Polished stainless steel foldable bathing ladder at bathing platform (incl. solid teak steps with anti-slip profiles)	
12145.02	Robust, stainless steel coated bathing platform, with solid teak parts (including Heavy Duty Linssen PVC fendering from bathing platform to 1/3 of the hull length)	

1.3 TECHNICAL

13030.01	Linssen DUAL CROSS engine foundation
13040.01	Linssen "FIS" system (patent Floor Integrated System®) for integral protected loop-up of cables and ductings in the engine compartment
13061.04	Provisions for sternthruster incl. main power cables
13080.03	Provisions for deck-wash pump
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
13240.01	Selfdraining seawaterproof anchor chain container
13270.02	Provisions for installation of a Linssen tender lift at bathing platform
13280.01	Waterproof speakers for radio in open cockpit

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
21030.01	Fore-deck and side decks 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 colour scheme:
	Superstructure and hull : Sand Beige
	Waterline : Dark Green
	Antifouling : Black
	Rope fender : Beige
	Canvas and covers : Sunbrella Marine Papyrus
	Glass windows saloon : "summer green" tinted

2.2 TEAK DECKS

22030.01	Teak floor in the cockpit
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2.3 INSULATION

23010.01	Thermal and acoustic insulation of the hull and superstructure using rock wool (25 mm thick)
23050.01	Specialised thermal marine coating applied to the interior of the yacht on top of the epoxy primer layer. This coating prevents condensation and contributes a comfortable and stable interior climate.

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3. ENGINE COMPARTMENT

3.1 TECHNICAL

31010.23	Linssen Yachts "hydrolubricated" propeller shaft installation
31020.21	Engine/shaft connection through homokinetic coupling and thrust bearing
31025.31	Special low noise propeller
31032.09	Electric bowthruster Sleipner-Side power 24V/170 kgf (8 kW / 10,7 HP)
31070.05	Electronic engine control at steering position
31092.02	Teak steering wheel at inside steering position
31120.01	Emergency steering installation
31150.13	Central positioned fuel tank with inspection/cleaning hatch, incl. level indicator (\pm 1080 litres)
31160.03	Magnetic level gauge in fuel tank for direct volume indication
31170.05	Separate second (1x on engine) fuel filter, with water separator
31210.01	Fuel supply cut-off to engine from saloon settee
31240.05	Linssen Compartment Controlled Heating with separate day/night function: 1x 5.5 kW warm air heating. For saloon, galley with control in saloon and 1x 4 kW for FC/toilet and guest cabin with control in the FC. Lockable outlets in guest cabin/toilet compartment
31240.98	All pipes in the ship to be fitted with isotemp insulation sleeving. This increases the heating capacity by more than 1kW for extending your season.
31310.01	Engine room lighting
31330.01	Engine compartment hatch, with a ladders next to the engine
31700.03	Automatic fire extinguishing in engine room with smoke detector and the possibility of manual extinguishing from the saloon.
31750.01	Linssen super sound insulation package consisting of a sound absorbent insulation and a non vibration package.

3.2 ON-BOARD WATER SYSTEMS

32010.02	Automatic pressurized water system (incl. solid PVC water tank with inspection/cleaning hatch (\pm 440 litres), incl. analogue level indicator in switch panel)
32020.01	2 Automatic pumps including expansion reservoir for water system
32035.01	Drainage point for outdoor shower for winter preparation
32035.02	Compressed air connection to empty the onboard water system.
32050.04	Hot water system (60 litre calorifier)
32060.01	230 V./800W immersion heater in calorifier
32080.03	Holding tank toilet including Dockside-Discharge connection and level indicator (\pm 300 litres)
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
32180.02	Electric bilge pump installation in engine compartment, with float switch for alarm. Manually switched. Bilge pump capacity: 100L/min.
32200.01	Additional loose electric bilge pump provided, with discharge tube and supply cable

3.3 ELECTRICAL & ELECTRONICS

33022.01	Linssen Yachts ICCCESS system with two switch panels in the saloon and helm, featuring a remote-controlled main power switch. For monitoring and operating key functions and displaying voltage and fluid levels.
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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)		
33050.21	Shore power connection equipped with a galvanic insulator for an optimal separation between domestic & shore power		
33090.04	Domestic circuit 12 V. for all other functions, equipped with three 12.8 V / 200 Ah lithium iron phosphate (LFP) batteries, delivering a gross capacity of 7.6 kWh. An automatic battery monitoring warns when 30% of power remains and switches off when 20% of power remains to protect the battery from damage due to deep discharge.		
33149.01	Starting circuit 12V, to which only the main engine is connected, equipped with 1x maintenance-free Exide EM1000 AGM battery 50A.		
33225.11	Service-circuit 24 V, to which only the bow and stern thrusters and anchor windlass are connected, equipped with 2x maintenance-free Victron AGM DeepCycle 110A battery.		
33230.03	Additional battery charger for service-circuit		
33271.03	Automatic battery charger/invertor type Victron Quattro 12/3000 with battery monitor. The battery charger for charging the on-board and starting circuit has a maximum charging current of 120A. The maximum output power of the inverter is 3000W.		
33285.60	Group of solar panels of 4x 110Wp. Connected to a Victron Smart Solar charge controller for charging the domestic batteries. Can be read out on the Victron Color GX panel.		

3.4 INSTRUMENTS & NAVIGATION

34010.21	Engine instrument panel 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
34070.01	Spare wiring for compass/windset

3.4.1 NAVIGATION INSTRUMENTS

34080.14	Raymarine i70S multifunction instrument with read out from echosounder, log and outside water temperature at steering position
34090.16	Rudder indication on Raymarine Axiom display at steering position
34125.01	Raymarine Axiom+ 7 multifunctional display
34140.03	Navionics Gold XL9 marine chart type 46XG, West Europe
34150.02	Raymarine RS150 GPS sensor in mast

3.5 EXTERIOR EQUIPMENT HULL

35010.03	Aluminium anodes for fresh and brackish water
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
35081.23	Manual anchor winch with integrated Heavy Duty stainless steel anchor roller and Linssen patented anchor rail. Including 30m 8mm. anchorchain and 20 kg. Bruce anchor

3.7 EXTERIOR EQUIPMENT SUPERSTRUCTURE

37030.02	Robust windscreen wiper installation saloon, position middle and Port
37020.50	Windscreen wiper installation with synchronous and 3 step interval function. In the interval mode, the wipers run synchronously and are self-parking.

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37060.02	Window spray-installation saloon for twee wipers including wiper-wash function	
37070.04	Original Linssen Design mast, with double yard, powder coated in superstructure colour	
37075.02	Stainless steel mast stays with quick release system	
37180.01	Linssen Grand Sturdy logo	
37210.01	Cockpit hatch equipped with stainless steel lock and gas strut	
37271.11	Entrance doors, coated in superstructure colour	
37272.11	"Linssen slide and pop-out-door (LSP®)", watertight sliding door in saloon on port-side, coated in superstructure colour, with special lip-seal developed by Linssen	

3.8 WINDOWS

38010.01	All windows to saloon in anodised aluminium profiles, incl. toughened "Summer Green" tinted glass
38040.02	Hinged Starboard window in forward saloon, with "summer green" tinted glass
38300.06	6 x opening port-holes in the forward cabin, with plain acrylate
38405.01	Aluminium ventilation/escape hatch with clear acrylate in front cabin.
38412.01	Aluminium ventilation/escape hatch, clear acrylic in centre cabin and toilet compartment.

4. INTERIOR

GENERAL

40010.01	Linssen panels FPS® (Floating Panel System, Patented)
40020.03	Interior constructed of high-end okoumé panelling with nautic walnut HPL finish
40025.18	Interior style 'Sandstone Serenity': A warm and elegant design with taupe accents, exuding tranquillity and sophistication.
40030.02	Deck-head lining in elegant vinyl finish panels
40040.01	Original Linssen maintenance friendly ship's floor, "Walnut Blush" color. Hatches in aisle to FC finished with hinges
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

31740.00	Cockpit basement constructed with wooden floor section midships against engine room bulkhead
31740.01	Access to storage space underneath the cockpit floor (with ladder)

4.2 SALOON & GALLEY

42021.01	U-shaped saloon settee with "Easy Sleep Convert System", double-bed function with integrated storage space
42035.03	Saloon table, low model
42061.01	Steering position with side-adjustable and longitudinally helmseat
42081.01	U-shaped galley with cupboards and drawers
42092.01	U-shaped galley worktop finished with original Corian® "Matterhorn"
42099.99	Additional work surface in the galley through folding part next to hob
42141.01	Functional storage space in forward section with automatic light switch
42414.01	Wall panels in saloon SB, Port and front in cream white HPL.

4.3.1 FRONT CABIN AND GUEST CABIN

43021.01	Double berth with slatted base and 2 drawers
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- 43031.01 Combined hanging-locker/linen-cupboard on Port side
- 43041.02 Spacious linen cupboard on Starboard side
- 43101.01 Two single berths in the guest cabin, incl. drawer under Starboard berth
- 43121.01 Spacious linen cupboard in guest cabin
- 43111.01 Cupboard between the berths in guest cabin
- 43412.02 Soft paneling FC, longitudinal Starboard/Port (4 panels)

4.3.2 SHOWER AND HEADS COMPARTMENTS

- 43062.01 Toilet/shower walls FC in HPL finish
- 43071.02 Washbasin in front toilet-compartment, built into vanity unit. Worktop and wash basin in toilet compartment finished in original Corian® "Matterhorn"
- 43081.95 Washbasin in second front toilet-compartment, built into vanity unit. Worktop and wash basin in toilet compartment finished in original Corian® "Matterhorn"
- 43082.01 Guest shower at portside in the FC finished in HPL finish
- 43082.91 Shower trays in corian type "Matterhorn" designed with grooves for water drainage, without skirting boards
- 43081.11 Storage space in toilet compartment for guests, suitable for subsequently fitting of washer/dryer

5. FINISH

5.1 LIGHTING & SOCKETS

- 51010.05 LED dimmed interior light fittings in all compartments, with light switches on the fittings
- 51080.11 LED reading lights (2x) in the front cabin
- 51090.11 LED reading lights (2x) in the guest cabin
- 51100.01 Attractive indirect dimmable lighting in saloon
- 51110.05 Indirect stair lighting in the step leading to the galley by means of a motion sensor. The stair lighting can be switched off on the ICCCESS panel.
- 51400.01 1x USB socket in the saloon for charging mobile equipment. No data transfer.
- 51500.00 1 x 12 V. socket at dinette in saloon
- 51600.01 230 V. Sockets in the FC (1x), toilet FC (1x), guest toilet (1x), saloon foding table (1x) and galley (3x)

5.2 GALLEY

- 52015.01 Bar cupboard in saloon, incl. set of Linssen Yachts glasses (comprising: 6 shot glasses, 6 highball glasses, 6 whisky glasses and 6 wine glasses)
- 52020.01 Integrated waste bucket in cupboard
- 52025.01 Anti-skid mats in galley drawers
- 52030.01 Cutlery tray
- 52034.01 Pharmacy cabinet in the galley
- 52040.02 110 l. refrigerator with freezer compartment in the galley
- 52105.02 Gas installation with Campingaz gas bottle (3kg), in container at bathing platform
- 52110.02 3-burner gas glass-top cooker
- 52120.02 Glass coverplate for 3-burner gas hob
- 52180.01 Stainless steel sink
- 53020.03 Mixer tap in galley type Grohe Essence

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5.3 SANITARY FITTINGS

53010.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in the forward cabin head
53015.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in the toilet compartment for guests
53030.03	Wash-basin mixer tap in toilet compartment FC type Grohe Essence
53035.03	Wash-basin mixer tap in toilet compartment cabin type Grohe Essence
53050.04	Shower mixer tap in forward shower type Grohe 1000C (Thermostatically adjustable) incl. shower rail
53130.02	Electric toilet in forward cabin, with fresh water rinsing
53130.99	"Odour system" to reduce smells from black water system
53135.02	Electric toilet with fresh water rinsing in second toilet compartment front cabin

5.4 AUDIO / VIDEO

54010.02	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 AM/FM including RDS Amplifier Class-AB 4x 50W
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5.6 INTERIOR UPHOLSTERY

56041.00	U-shaped saloon settee, finished in cloth upholstery Tundra Gypsum
56045.00	Steering bench at inside steering position, finished in cloth upholstery
56073.14	2 Design stools upholstered
56101.11	Mattress 1x 2 pers. in front cabin type coldfoam 14 cm. with layer in foam in two hardness grades.
56161.01	Mattress 2x single person in guest cabin type coldfoam 10 cm. with layer in foam in two hardness grades.
56300.01	Curtains for windows and hatches saloon and FC, in "Cappucino"

5.7 EXTERIOR UPHOLSTERY

57030.07	Cushions for cockpit bench in colour Maglia Oak
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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 (10 meters), boathook, life buoy, bucket, scrubbing brush, national flag, yard ribbon, 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): 1x in saloon settee, 1x in "cellar"
58045.01	Optical smoke and carbonmonoxide detector with fixed built-in lithium battery (life span 10 years) in all sleeping compartments.

5.9 CANVAS & COVERS

59020.16	Cockpit canvas Longtop Sunbrella Marine Beige Papyrus. The side and back panels can be opened seperately by a zip-fastener
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