

# Linssen Yachts Standard Equipment

## Linssen Grand Sturdy 45.0 Sedan

18 June 2019  
Version: 02-2019

Item	Description
<b>BASIC DATA</b>	
01010.05	Construction: SPH®(patent pending) (Softchine Prestressed Hull) Bottom/hull/decks/superstructure: 6/5/4/4 mm. Weight/displacement: ±19.500 kg / ±19,5 m <sup>3</sup>
01020.05	LOA x beam x draft: ± 13.98 x 4.35 x 1.20 m. Length over deck: ± 13.23 m. Length waterline: ± 12.00 m. Minimum air draft: ± 2,75 m. Headroom FC/saloon: ± 1.97/2.01 m.
01030.03	CE-classification: B (sea) Number of max. recommended persons: 10
13010.14	Engine: 1x 4 cyl. Volvo Penta Diesel, type D4-180 ZF 63-E / 2,48 : 1 1x 132 kW (180 HP), 2800 rpm Alternator: 1x 115A-12V, 1x 80A-24V
03040.01	Fuel tank capacity: ± 1x 1060 ltr. (single engine version) ± 2x 530 ltr. (twin engine version) Water tank capacity: ± 440 ltr. Holding tank capacity: ± 240 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 separate shower compartment. Guest cabin with 2 single beds with drawer and linen cupboard on port side and additional toilet compartment on starboard.
<b>1. HULL</b>	
<b>1.1 EXTERIOR</b>	
11015.01	Hull constructed in accordance with the Linssen Yachts SPH® (patent pending) construction method
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
11080.01	Integrated central stern door to bathing platform
<b>1.2 STAINLESS STEEL</b>	
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)
12050.03	8 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
12120.01	2 small settees 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)
<b>1.3 TECHNICAL</b>	

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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
	<b>2. COATING</b>
	<b>2.1 COATING &amp; DECK FINISH</b>
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 D803) Waterline: Dark Green (H4024) Antifouling: Black Rope fender: Beige Canvas and covers: Sunbrella Dune Glass windows saloon, ventilation-/escape hatch: "summer green" tinted
	<b>2.2 TEAK DECKS</b>
22030.01	Teak floor in the cockpit
	<b>3. ENGINE COMPARTMENT</b>
	<b>3.1 TECHNICAL</b>
31010.03	Linssen Yachts "hydrolubricated" propeller shaft installation
31020.01	Engine/shaft connection through homokinetic coupling and thrust bearing
31025.01	Special low noise propeller
31032.09	Electric bowthruster Side Power 24V/170 kgf (8 kW / 10,7 HP) incl. 2x 130 Ah maintenance-free batteries
31070.03	Electronic engine control at steering position
31093.02	Stainless steel steering wheel with teak rim, at inside steering position
31120.01	Emergency steering installation
31150.13	Central positioned fuel tank with inspection/cleaning hatch, incl. level indicator (± 1060 litres)
31160.03	Magnetic level gauge in fuel tank for direct volume indication
31170.03	Separate second (1x on engine) fuel filter, with water separator
31210.01	Fuel supply cut-off to engine from saloon settee
31240.06	Linssen Compartment Controlled Heating with separate day/night function: 1x 5.5 kW warm air heating. 1x for saloon/galley/day toilet with control in saloon and 1x 2 kW for FC/guest cabin with control in the FC. Lockable outlets in guest cabin/toilet compartment
31310.01	Engine room lighting with switch and indicator in switch panel
31330.01	Engine compartment hatch, with a ladder next to the engine
31700.03	Automatic fire extinguishing in engine compartment

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31740.01	Access to storage space underneath the cockpit floor (with ladder)
31750.01	Linssen super sound insulation package consisting of a sound absorbent insulation and a non vibration package.
<b>3.2 ON-BOARD WATER SYSTEMS</b>	
32010.02	Automatic pressurized water system (incl. solid PVC water tank with inspection/cleaning hatch (± 440 litres), incl. analogue level indicator in switch panel)
32020.01	Automatic pump including expansion reservoir for 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 (± 240 litres)
32095.01	All grey water outlets (sinks and shower-drainage) discharge directly overboard Drain pump(s) shower(s) finished with time relay
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
32200.01	Additional loose electric bilge pump provided, with discharge tube and supply cable
<b>3.3 ELECTRICAL &amp; ELECTRONICS</b>	
33020.01	Main fuse incorporating automatic cut-out. Main switch panel in hall to FC
33030.01	230V. /16Amp shore power connection with fuses and shore power cable (25 metres)
33070.03	Domestic: 12V. with 3 maintenance free 85 Ah gel-batteries
33148.01	Domestic circuit 12V. Voltmeter
33170.01	Starting circuit 12V. with 1 x maintenance free 90 Ah battery
33230.03	Additional battery charger for bow and sternthruster group
33270.01	Original Linssen Power Pack: automatic battery charger/inverter type Mastervolt Mass Combi 12/2200-100 (100 A / 2200 W.) with battery watch domestic system and 2x 85 Ah. additional maintenance free domestic gel-batteries.
33285.13	Victron Solar Panel System (2x 300W on saloon deck) via a Victron Solarregler type BlueSolar MPPT. So the available energy will charge the domestic batteries.
<b>3.4 INSTRUMENTS &amp; NAVIGATION</b>	
34010.01	Engine instrument panels with rev. counter, engine hour meter and multifunction meter 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
34070.01	Spare wiring for compass/windset
<b>3.4.1 NAVIGATION INSTRUMENTS</b>	
34080.14	Raymarine i70S multifunction instrument with read out from echosounder, log and outside water temperature at steering position
<b>3.5 EXTERIOR EQUIPMENT HULL</b>	
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
35081.23	Manual anchor winch with integrated Heavy Duty stainless steel anchor roller and Linssen

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	patented anchor rail. Including 30m 8mm. anchorchain and 20 kg. Bruce anchor
	<b>3.7 EXTERIOR EQUIPMENT SUPERSTRUCTURE</b>
37030.02	Robust windscreen wiper installation saloon, position middle and Port
37060.02	Window spray-installation saloon for twee wipers including wish-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	Stainless steel Linssen Grand Sturdy logo
37245.01	Teak deck box joint table model
37271.11	Entrance doors, varnished 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
	<b>3.8 WINDOWS</b>
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
38400.01	Aluminium ventilation/escape hatch, with "Summer Green" tinted acrylate in the forward cabin
38410.01	Aluminium ventilation/escape hatch, with "Summer Green" tinted glass in shower and head
	<b>4. INTERIOR</b>
	<b>GENERAL</b>
40010.01	Linssen panels FPS® (Floating Panel System, Patented)
40020.01	Interior constructed of high-end okoumé panelling with cherry veneer
40030.02	Deck-head lining in elegant vinyl finish panels
40040.02	Original Linssen ships floor. Hatches in the passage 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
	<b>4.2 SALOON &amp; GALLEY</b>
42021.01	Comfortable saloon settee with "Easy Sleep Convert System", double-bed function with integrated storage space
42035.03	Elegant saloon table, low model
42061.01	Steering position including comfortable helmseat, longitudinally adjustable
42081.01	U-Shaped galley with cupboards and drawers
42092.01	U-shaped galley worktop finished with original Corian® "Clamshell"
42099.99	Additional work surface in the galley through cherry wood folding part next to hob
42141.01	Functional storage space in forward section with automatic light switch
42161.01	Co-pilot seat
	<b>4.3.1 FRONT CABIN AND GUEST CABIN</b>
43021.01	Double berth with slatted base and large drawer
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 Stbd berth
43121.01	Spacious linen cupboard in guest cabin
43111.01	Cupboard between the berths in guest cabin
43412.02	Soft paneling FC, longitudinal SB/Port (4 panels)
	<b>4.3.2 SHOWER AND HEADS COMPARTMENTS</b>
43062.01	Toilet/shower walls FC in HPL finish

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43071.02	Washbasin in front toilet-compartment, built into vanity unit. Worktop and wash basin in toilet compartment finished in original Corian® "Clamshell"
43082.01	Guest shower at portside in the FC finished in HPL finish
43082.91	Shower trays in corian type Clamshell 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
<b>5. FINISH</b>	
<b>5.1 LIGHTING &amp; SOCKETS</b>	
51010.05	LED dimmed interior light fittings in all compartments, with light switches
51080.11	Luxurious LED reading lights (2x) in the front cabin
51110.05	Indirect lighting in step to galley
51400.01	1x USB socket in the saloon for charging mobil equipment. No data transfer.
51500.00	1 x 12 V. socket at dinette in saloon
51600.01	230 V. Sockets in the FC (2x), toilet FC (1x), guest toilet (1x), dinette (1x) and galley (1x double)
<b>5.2 GALLEY</b>	
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	Plate holders and anti-skid mats in galley drawers
52030.01	Cutlery tray
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 stainless steel gas hob
52120.02	Glass coverplate for 3-burner gas hob
52180.01	Stainless steel sink
<b>5.3 SANITARY FITTINGS</b>	
53010.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in the forward cabin
53015.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in the toilet compartment for guests
53020.03	Mixer tap in galley type Grohe Essence
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
53135.02	Electric toilet with fresh water rinsing in second toilet compartment front cabin
<b>5.4 AUDIO / VIDEO</b>	
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 DAB+ ready AM/FM including RDS Amplifier Class-AB 4x 50W
<b>5.6 INTERIOR UPHOLSTERY</b>	

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Item	Description
56041.02	Anatomically moulded U-shaped saloon settee, finished in genuine leather, cream colour
56045.02	Comfortable steering bench at inside steering position, finished in genuine leather, cream colour
56073.22	2 design stools finished in genuine leather, cream color
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, cream colour
<b>5.7 EXTERIOR UPHOLSTERY</b>	
57030.03	Cushions for cockpit bench in imitation leather colour Sandsurf MT 0027CP
<b>5.8 EQUIPMENT</b>	
58010.01	Spares kit including tool-kit, impeller, fuses, paint-tips 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 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 Starboard saloon settee, 1x in "cellar"
58045.01	Optical smoke detector with fixed built-in lithium battery (life span 10 years) in all sleeping compartments.
<b>5.9 CANVAS &amp; COVERS</b>	
59020.11	Cockpit canvas Longtop, Sunbrella Dune the side and back panels can be opened separately by a zip-fastener