



## Linssen Yachts Standard Equipment

### Linssen Grand Sturdy 45.0 Sedan Intero

Item	Description	Page	1
<b>BASIC DATA</b>			
01010.05	Construction Bottom/hull/decks/superstructure Weight/displacement	: SPH®(patent pending) (Softchine Prestressed Hull : 6/5/4/4 mm. : ±19.500 kg / ±19,5 m <sup>3</sup>	
01020.05	LOA x beam x draft  Length over deck Length waterline Minimum air draft Headroom FC/saloon	: ± 13.98 x 4.35 x 1.20 m.(single engine version) : ± 13.98 x 4.35 x 1.22 m. (twin engine version) : ± 13.23 m. : ± 12.00 m. : ± 2,72 m. : ± 1.97/2.01 m.	
01030.03	CE-classification Number of max. recommended persons	: B (sea) : 10	
13010.21	Engine  Alternator	: 1x 4 cyl. Mercury Diesel, type MD2.0L ZF 45-H / 3,031 : 1 112 kW (150 HP), 3000 rpm : 110A-12V	
03040.01	Fuel tank capacity Water tank capacity Holding tank capacity	: ± 1x 1080 ltr. : ± 440 ltr. : ± 300 ltr.	

## 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)
- 12050.03 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 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)

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### 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 Dune
	Glass windows saloon, ventilation-/escape hatch : "summer green" tinted

### 2.2 TEAK DECKS

22030.01	Teak floor in the cockpit
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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
31025.21	Special low noise propeller
31032.09	Electric bowthruster Side Power 24V/170 kgf (8 kW / 10,7 HP) incl. 2x 170 Ah maintenance-free batteries
31070.05	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
31170.05	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

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31310.01	Engine room lighting with switch and indicator in switch panel	
31330.01	Engine compartment hatch, with a ladders next to the engine	
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.	
<b>3.2 ON-BOARD WATER SYSTEMS</b>		
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	
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 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. Bilge pump capacity: 100L/min.	
32200.01	Additional loose electric bilge pump provided, with discharge tube and supply cable	
<b>3.3 ELECTRICAL &amp; ELECTRONICS</b>		
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)	
33050.21	Shore power connection equipped with a galvanic insulator for an optimal separation between domestic & shore power	
33082.03	Domestic: 12V. with 3 maintenance free "Super Cycle" AGM-batteries 170 Ah.	
33180.01	Starting circuit 12V. with 1 x maintenance free "Super Cycle" AGM-battery 170 Ah.	
33230.03	Additional battery charger for bow and sternthruster group	
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.	
33285.60	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.	
<b>3.4 INSTRUMENTS &amp; NAVIGATION</b>		
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	
<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	

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### 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
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
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
37210.01	Cockpit hatch equipped with stainless steel lock and gas strut
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

### 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
38400.01	Powder coated aluminium ventilation/escape hatch, with "Summer Green" tinted glass in the forward cabin
38410.01	Powder coated aluminium ventilation/escape hatch, with "Summer Green" tinted glass in guest cabin and head

## 4. INTERIOR

### GENERAL

40010.01	Linssen panels FPS® (Floating Panel System, Patented)
40020.03	Interior constructed of high-end okoumé panelling with cherry finish
40030.02	Deck-head lining in elegant vinyl finish panels
40040.01	Original Linssen maintenance friendly ship's floor, wengé 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	Comfortable saloon settee with "Easy Sleep Convert System", double-bed function with integrated storage space
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42035.03	Elegant 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® "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		
42414.01	Wall panels in saloon SB, Port and front in cream white HPL.		
<b>4.3.1 FRONT CABIN AND GUEST CABIN</b>			
43021.01	Double berth with slatted base and 2 drawers		
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		
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 (1x), toilet FC (1x), guest toilet (1x), saloon foding table (1x) and galley (3x)		
<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	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 stainless steel gas hob		

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52120.02	Glass coverplate for 3-burner gas hob		
52180.01	Stainless steel sink		
53020.03	Mixer tap in galley type Grohe Essence		
<b>5.3 SANITARY FITTINGS</b>			
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		
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>			
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	Luxurious curtains for windows and hatches saloon and FC, cream colour		
<b>5.7 EXTERIOR UPHOLSTERY</b>			
57030.03	Cushions for cockpit bench in imitation leather colour Sand beige		
<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 (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 detector with fixed built-in lithium battery (life span 10 years) in all sleeping compartments.		

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### 5.9 CANVAS & COVERS

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| 59020.11 | Cockpit canvas Longtop, Sunbrella Dune the side and back panels can be opened seperately by a zip-fastener |
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