



Linssen Yachts Standard Equipment

Linssen Grand Sturdy 45.0 Sedan Intero

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BASIC DATA

01010.05	Type code	: 11D
	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.
01030.03	CE-classification	: B (sea)
	Number of max. recommended persons	: 10
03040.01	Fuel tank capacity	: ± 1x 1080 ltr.
	Water tank capacity	: ± 440 ltr.
	Holding tank capacity	: ± 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)

1.3 TECHNICAL

13010.33	Engine	: 1x 4 cyl. Yanmar Diesel, type 4LV150 ZF 68 / 2,783 : 1 110 kW (150 HP), 3500 rpm
	Alternator	: 130A-12V

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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		

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 Beige Papyrus
	Glass windows saloon	:	"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		
31025.31	Special low noise propeller		
31032.09	Electric bowthruster Sleipner-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 (\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		

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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.	
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	
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 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 Gel batteries 166 Ah.	
33180.01	Starting circuit 12V. with 1 x maintenance free AGM-battery.	
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.	
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	

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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
- 38405.01 Aluminium ventilation/escape hatch with clear acrylic 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 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 U-shaped saloon settee with "Easy Sleep Convert System", double-bed function with integrated storage space
- 42035.03 Elegant saloon table, low model

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| 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 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

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|----------|---|--|
| 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) | |

4.3.2 SHOWER AND HEADS COMPARTMENTS

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| 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 | |

5. FINISH

5.1 LIGHTING & SOCKETS

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| 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) | |

5.2 GALLEY

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| 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 | |
| 52120.02 | Glass coverplate for 3-burner gas hob | |

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52180.01	Stainless steel sink	
53020.03	Mixer tap in galley type Grohe Essence	
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	
5.6 INTERIOR UPHOLSTERY		
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	
5.7 EXTERIOR UPHOLSTERY		
57030.03	Cushions for cockpit bench in imitation leather colour Sand beige	
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 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	