

Linssen Yachts Standard Equipment

Linssen Grand Sturdy 550 AC Variotop®

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BASIC DATA

01010.05	Type code	: 26C
	Construction	: SPH®(patent pending) (Softchine Prestressed Hu
	Bottom/hull/decks/superstructure	: 6/5/4/5-4 mm.
	Weight/displacement	: ±30.000 kg / ±30 m³
01020.05	LOA x beam x draft	: ± 16.50 x 4.90 x 1.29 m.
	Length hull	: ± 14.95 m.
	Length over deck	: ± 14.75 m.
	Length waterline	: ± 13.80 m.
	Minimum air draft	: ± 3.49 m.
	Air draft with lowered mast to top parking frame Variotop®	: ± 4,20 m
	Headroom FC/saloon/AC/Wheelhouse	: ± 2.00/2.00/2.00/2.00 m.
01030.13	CE-classification	: B (sea)
	Number of max. recommended persons	: 12
13020.33	Engine	: 2x 4 cyl. Yanmar Diesel, type 4LV150 ZF 68 / 2,783 : 1 110 kW (150 HP), 3500 rpm
	Alternator	: 2x 130A-12V
03040.01	Fuel tank capacity	: ± 2x 1185 ltr.
	Water tank capacity	: ± 960 ltr.
41001.01	Aft cabin with a free-standing double berth, toilet compartment with washbasin at SB-Side, shower compartment connected to toilet compartment, incl. wardrobes at Port side. On SB side two seats including table	
42001.01	Spacious U-shaped galley at SB side, cupboards, U-settee at SB-side and club chair at Port-side L-Dinette	
43001.01	Forward cabin with double berth and cupboards, separate toilet and shower compartment. Guest cabin with 2 single beds, one bed can be slided, so it can be used as a double bed with drawer and linen cupboard	
44001.01	Wheelhouse with luxury steering position and helmseat at SB-side, settee at Port side	

1. HULL

1.1 EXTERIOR

11015.01	Hull constructed in accordance with the Linssen Yachts SPH® (patent pending) construction method
11040.02	Integrated deck-boxes, U-shaped aft bench with lockable teak top and gas-pressure struts
11050.11	"Linssen Variotop®: electrically-operated, double-lined and insulated convertible roof. Watertight wheelhouse enclosure through a unique, patented, closing system
11055.01	Hydraulically-controlled collapsible parking frame for the Variotop®. The hydraulically controlled parking frame can be lowered to reduce the maximum air draft to approx. 349 cm.
11080.02	Stern door (SB and Port) to bathing platform

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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
12050.03	8 x Original Linssen-design stainless steel cleats
12055.01	2 x Original Linssen-design stainless steel cleats at the bathing platform
12075.01	Stainless steel steps to saloon deck midships, demountable, finished with anti-slip steps incl. 2 hand grips on saloon deck
12080.01	Stainless steel handrails on saloon deck
12112.01	Polished stainless steel handrails at aft side wheelhouse
12114.01	Polished stainless steel handrails at transom
12120.03	Integrated steps on Port and Stbd side in transom, with teak treads provided
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)
12146.02	Hydraulic lowering bathing platform, with solid teak parts and Heavy Duty PVC fendering around bathing platform and part of the hull. Incl. remote control. Maximum weight tender 350 kg.

1.3 TECHNICAL

13028.01	Air suction vents for engine room integrated in the hull
13030.02	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
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
13150.01	Bow fitting with adjustable anchor roller and stainless steel anchor holder
13155.01	Mooring facility at bow through stainless steel hawse and stainless steel protection strips
13265.01	Provisions in hull for hydraulic passerelle. In a Box
13300.01	LED stair lighting in steps to bathing platform and steps from side decks to aft deck
13300.03	LED deck illumination integrated in deck-box

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
	Cabriolet canvas : Sonnenland Java
	Glass windows saloon, wheelhouse : "summer green" tinted

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2.2 TEAK DECKS

- 22010.01 Original LINSSEN teak deck on front deck and side decks
- 22020.01 Original LINSSEN teak deck on aft deck, steps on stern and ventilation/escape hatch.

3. ENGINE COMPARTMENT

3.1 TECHNICAL

- 31011.23 Linssen Yachts "hydrolubricated" propeller shaft installation
- 31021.01 Engine/shaft connection through homokinetic coupling and thrust bearing
- 31025.32 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
- 31096.02 Stainless steel steering wheel with teak rim at 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 fuel (pre-)filter (1x on engine)
- 31210.02 Remote fuel supply cut-off to engines from dinette settee
- 31300.01 Linssen Yachts per cabin thermostatically controlled warm water heating with radiators in the forward cabin, guest cabin, dinette/saloon, aft cabin and wheelhouse.
- 31307.01 Radiator in front cabin toilet compartment. Thermostatically controlled.
- 31307.21 Radiator in aft cabin toilet compartment. Thermostatically controlled.
- 31310.02 LED Engine room lighting with switch and indicator in switch panel
- 31331.01 Entrance engine compartment by folding ladder between the engines and handle against access hatch
- 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

- 32010.04 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
- 32050.05 Hot water system (80 litre calorifier)
- 32060.01 230 V./1200W immersion heater in calorifier
- 32080.06 Holding tank toilet including Dockside-Discharge connection and level indicator
Holding tank capacity : ± 400 ltr.
- 32095.01 All grey water outlets (sinks and shower-drainage) discharge directly overboard
Drain pump(s) shower(s) finished with switch-off delay
- 32150.04 Deck-wash pump, including hose and trigger nozzle with connection at bathing platform

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32190.01	Electric bilge pump installations placed in bilges of aft cabin, forward cabin and engine room. Equipped with float switch & alarm (3 x type L1600 pumps)		
32200.01	Additional loose electric bilge pump provided, with discharge tube and supply cable		
3.3 ELECTRICAL & ELECTRONICS			
33020.01	Electric domestic 12 V. with automatic main fuse and separate fuses for all users		
33022.01	Linssen Yachts ICCESS 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, incl. galvanic insulator, earth leakage circuit breaker and automatic fuse protected end groups with indication and shore power cable (25 metres)		
33180.02	Starting circuit 12V. with 2 x maintenance free AGM-battery.		
33090.03	Domestic 12V with 4 Lithium Iron Phosphate (LFP) batteries 200Ah.		
33225.01	Service-circuit 12V. with 1 x maintenance free "Super Cycle" AGM-battery 170 Ah.		
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.		
33295.05	Generator Northern Lights 400 V/16,0 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, engine hour meter and multifunction meter voltameter 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		
3.4.1 BASIC NAVIGATION PACKAGE			
34080.00	Raymarine DST810 triducer with read out from echosounder, log and outside water temperature on Axiom displays		
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.		
34110.30	Raymarine tiller steering, ergonomically positioned for steering position / helm seat		
34132.80	Raymarine RMK-10 remote keypad for complete touch control for Axiom display.		
34135.28	2x Raymarine Axiom XL16, 16" multifunctional colour display with touchscreen and Wi-Fi at steering position		
34140.03	Navionics Gold XL9 marine chart type 46XG, West Europe		
34190.09	Raymarine Ray90 VHF with Class D "Digital Selective Calling" (DSC) at steering position including antenna in Mast		
3.4.5 COMMUNICATION PACKAGES			
34943.04	AIS 700 transponder/receiver (Automatic Identification System) integrated on radar/chartplotter display. Attention: MMSI-number required. Attention: Only in combination with VHF installation		

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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.
35090.04	Lewmar VX-series, type VX3 Heavy Duty electric anchor winch, with integrated stainless steel anchor rolls, anchor rail and deck switches.
35120.03	30 kg. galvanized Bruce-anchor
35140.05	100m. x 10 mm. anchor chain

3.7 EXTERIOR EQUIPMENT SUPERSTRUCTURE

37020.03	Stainless steel windscreen wiper installation in wheelhouse SB, middle and port, 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
37050.03	Window spray-installation wheelhouse for 3 windscreen wipers
37070.02	Original Linssen Design mast, with double yard, on saloon deck powder coated in superstructure colour, finished with "eyes" and cleats between the yards for flag lines
37075.02	Stainless steel mast stays with quick release system
37080.08	Electric mast lowering system, incl. control at steering position.
37130.02	Aft deck lighting with 2 lights in Variotop® parking frame.
37230.92	Outside table equipped with electrically adjustable table legs (aluminum anodized) including mattress for lounge function with storage bag.
37271.12	Entrance door coated in superstructure colour

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
38230.01	Double-glazed "Summer Green" tinted windows in the wheelhouse with thermal insulated profile (Thermic Line). Front windows in plain glass.
38300.06	6 x opening port-holes in the forward cabin, with plain acrylate
38320.01	5 x opening port-holes in the aft cabin, with plain acrylate, aluminium anodised with rain protection covers and mosquito screens
38405.01	Aluminium ventilation/escape hatch with clear acrylic in front cabin, equipped with blackout roller blind with integrated insect screen
38412.01	Aluminium ventilation/escape hatch, clear acrylic in centre cabin and toilet compartment, with blackout blind and integrated insect screen
38422.01	Aluminium ventilation/escape hatch with clear acrylic in aft cabin, equipped with blackout roller blind with integrated insect screen
38425.01	Fixed panorama window in the stern. Note: The stern window has a thermally insulated profile, but for safety reasons (and CE standardisation) it has 15mm solid acrylic instead of 8+6mm double glazing. However, the insulation values are comparable.
38440.03	Fixed aluminium deck window integrated in saloon deck as engine hatch, profile coated in colour superstructure (Linsen Sand Beige)

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4. INTERIOR

GENERAL

- 40010.01 Linssen panels FPS® (Floating Panel System, Patented)
- 40020.03 Interior constructed of high-end okoumé panelling with cherry finish
- 40025.14 Interior and exterior style "Classic Traditional": Classic modesty. Stylish elegance through soft beige shades.
- 40040.02 Original Linssen maintenance friendly ship's floor, teak color with light striping.
- 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 AFT CABIN

- 41010.01 Stylish/high quality floor covering in rear cabin on second floor level next to bed.
- 41021.01 Double berth, with slatted base and sprung mattress including spacious drawers underneath bed
- 41031.01 Bedside table at Port side
- 41041.01 Bedside table at Starboard side
- 41112.02 TV cabinet with shoe cupboard in the aft cabin
- 41121.01 Spacious hanging wardrobes in the aft cabin
- 41142.01 Cupboards and drawers on starboard side, same as on port side.
- 41161.01 Cabinet part hallway at Port side:
 - 1x cupboard incl. refrigerator 130 ltr
 - 1x Cupboard prepared for the installation of a freezer cabinet
 - 1x cupboard prepared for wine climate refrigerator
 - 1x Cupboard universal 60 x 90 x 55 cm
- 41171.01 Cabinet hallway Starboard side:
 - 2x multifunctional hanging / cupboards
 - 4x drawer
 - 1x cupboard prepared for assembly of ice maker

4.1.2 SHOWER AND HEADS COMPARTMENTS

- 41062.02 Toilet compartment in the aft cabin in high quality Formica wall finishing
- 41071.13 Integrated washbasin surface mounted in aft toilet-compartment vanity unit. Worktop finished in original corian®
- 41092.02 Shower in the AC finished in high quality Formica wall finishing
- 41092.91 Shower tray aft cabin in corian designed with grooves for water drainage

4.2 SALOON & GALLEY

- 42011.91 Hatch above engine compartment electrically operated for easy access and inspection of filters etc.
- 42035.03 Elegant saloon table, low model
- 42037.01 Saloon and dinette table top with flush leather panels
- 42041.01 Grab rail at saloon stairs, in high gloss stainless steel
- 42072.03 L-shaped dinette with integrated drawers
- 42092.03 U-shaped galley worktop finished with original Corian®

4.3.1 FRONT CABIN AND GUEST CABIN

- 43010.01 Stylish/high quality flooring in front cabin on second floor level next to bed.

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43021.01	Double berth with slatted base and large drawer		
43031.01	Combined hanging-locker/linen-cupboard on Port side		
43041.01	Combined hanging-locker/linen-cupboard on Starboard side		
43102.01	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		
43081.11	Storage space in the toilet compartment FC		
43082.91	Shower tray front cabin in corian designed with grooves for water drainage		
4.4 WHEELHOUSE			
44021.01	Bench on the Port side including drawer		
44031.01	Helmseat with integrated pull-out table function.		
44101.01	Wetbar at SB-side incl. Corian wash basin and hot and cold mixer tap		
44081.01	Walnut wood dashboard finished in real leather, at SB side		
44091.02	Comfortable electric adjustable Linssen Design helm seat, in height adjustable, with matching leather upholstery. Horizontally manual adjustable		
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, aft cabin and wheelhouse.		
51070.11	Luxurious LED reading lights (2x) in the aft cabin		
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 interior		
51110.01	Stair-lighting in steps throughout the interior		
51400.11	USB-connection in saloon (1x), dinette (1x), FC (1x), guest cabin (1x), AC (3x) and in wheelhouse (2x) for charging mobil equipment. (Total 9x)		
51500.00	1 x 12 V. socket in the saloon on Port-side, aft		
51601.01	230 V. sockets in the FC (2x), guest cabin (1x), toilet FC (1x), dinette (1x), saloon (2x), galley (1x double), toilet AC (1x), AC (3x), dressing table AC (1x) and in the wheelhouse (2x)		
51640.01	1x double 230 V. socket in the galley		
51670.01	230 V. socket in aft cabin (Port-side)		
5.2 GALLEY			
52015.01	Bar cupboard/drawer in saloon, incl. set of Linssen Yachts glasses (comprising: 6 shot glasses, 6 highball glasses, 5 whisky glasses, 6 wine glasses and 6 champagne glasses)		
52020.01	Integrated waste bucket in cupboard		
52025.01	Plate holders and anti-skid mats in galley drawers		

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52030.01	Cutlery tray		
52035.02	"Magic Corner" cupboard incl. basket set in the galley		
52040.02	110 l. refrigerator with freezer compartment in the galley		
52041.02	130 Ltr. refrigerator in entrance to AC		
52062.20	Cooling drawer, 30 litres, built into Port side deckbox		
52080.03	230V. dishwasher (front loader) integrated into galley. Capacity: 6 covers		
52100.02	230V. washer/dryer combination, fitted in the forward cabin shower compartment		
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		
52170.02	Extractor (230V). above hob integrated in wooden pillar		
52180.01	Stainless steel/corion sink		
52190.01	Splash guard in galley behind hob made of transparent tempered glass. The glass plate is mounted in stainless steel holders.		
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
53010.10	In the FC bathroom cabinet integrated 6-litre waste bin with stainless steel soft-close waste flap
53015.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in the aft cabin
53015.10	In the AC bathroom cabinet integrated 6-litre waste bin with stainless steel soft-close waste flap
53030.04	Build in wall mixer tap in toilet compartment FC, chrome, type Grohe Talis
53040.04	Build in wall mixer tap in toilet compartment AC, chrome, type Grohe Talis
53050.06	Build in wall mixer tap in forward shower type Grohe (Thermostatically adjustable) incl. shower rail
53060.06	Build in wall mixer tap in aft shower type Grohe (Thermostatically adjustable) incl. shower rail
53090.01	Shower door in aft cabin shower incl. attachment to arrest door in seaway.
53100.01	Shower door in forward cabin shower incl. attachment to arrest door in seaway.
53130.02	Electric toilet in forward cabin, with fresh water rinsing
53140.02	Electrical toilet in the aft cabin, with fresh water rinsing
53130.99	"Odour system" to reduce smells from black water system

5.4 AUDIO / VIDEO / INTERNET

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
54035.04	Set speakers in wheelhouse
54200.01	Primary TV connection at saloon Port TV cupboard, incl. extra 230V. socket
54210.01	Supplementary TV connection in aft cabin, incl. extra 230V. socket
54250.01	Glomex TV-antenna on mast, suitable for analogue & digital reception. Suitable for DVBT-T2 network.

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54400.04	49" (123cm) LED TV with integrated DVB-T & DVB-S tuner in saloon integrated on AC wall		
54410.04	43" (109cm) LED TV with integrated DVB-T2 & DVB-S tuner in the AC		
5.6 INTERIOR UPHOLSTERY			
56050.02	Dashboard finished in genuine leather		
56070.02	Comfortable seat		
56095.02	Steering settee in wheelhouse finished in genuine leather		
56101.02	Mattress 2x 1 pers.in front cabin type 7-zone 14 cm.		
56131.02	Mattress 2x 1 pers. in aft cabin type 7-zone 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			
57015.00	Cushions for aft deck U-settee in water-repellent fabric, color depending on choosen interior package		
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 (16 meters), 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 (3 x 2 kg)		
58045.01	Optical smoke detector with fixed built-in lithium battery (life span 10 years) in all sleeping compartments.		
58050.02	Safe A4 size, with combination lock, in aft cabin		
5.9 CANVAS & COVERS			
59150.01	Linssen Variotop® insulated cabriolet of high-grade Sonnenland Java canvas including bright inside lining		