

Linssen Yachts Standard Equipment Linssen Grand Sturdy 550 AC Variotop®

Item	Description	Page 1

BASIC DATA

01010.05 Type code

> Construction : SPH® (patent pending) (Softchine Prestressed Hu

: 6/5/4/5-4 mm. Bottom/hull/decks/superstructure Weight/displacement $: \pm 30.000 \text{ kg} / \pm 30 \text{ m}^3$

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. : ± 13.80 m. Length waterline 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 CF-classification : B (sea) Number of max. recommended persons : 12

13020.22 2x 6 cyl. Mercury, type MD3.0L / ZF 45-H / 3,031 : 1 / 2x 115 kW (150 HP),

3000 rpm

Alternator: 2x 110A-12V

: ± 2x 1185 ltr. 03040.01 Fuel tank capacity 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

Spacious U-shaped galley at SB side, cupboards, U-settee at SB-side and club chair at 42001.01

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

Stern door (SB and Port) to bathing platform

Wheelhouse with luxury steering position and helmseat at SB-side, settee at Port side 44001.01

1. HULL

11080.02

1.1 EXTERIOR

11015.01	Hull constructed in accordance with the Linssen Yachts SPH^\circledast (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.

1.2 STAINLESS STEEL

12010.01 Polished stainless steel sea rail

Linssen Grand Sturdy 550 AC Variotop®

Item	Description	Page	2
12020.02	Polished stainless steel hinged side ladder integra	ted 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 a	t the bathing platform	
12075.01	Stainless steel steps to saloon deck midships, den incl. 2 hand grips on saloon deck	nountable, finished with anti-slip steps	
12080.01	Stainless steel handrails on saloon deck		
12112.01	Polished stainless steel handrails at aft side whee	lhouse	
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	1 Teak step in side decks		
12130.01	Polished stainless steel foldable bathing ladder at with anti-slip profiles)	bathing platform (incl. solid teak steps	
12146.02	2 Hydraulic lowering bathing platform, with solid te around bathing platform and part of the hull. Incl tender 350 kg.		
1.3 TE	CHNICAL		
13028.01	1 Air suction vents for engine room integrated in th	e hull	
13030.02	_		
13040.01	_	em®) for integral protected loop-up of	
13070.03	Provisions for simple installation of stabilization so 2 mounting flanges welded in the hull.	ystem to prevent rolling of the ship.	
13110.01	Outside shower at bathing platform, with warm a	nd cold water tap	
13150.01	Bow fitting with adjustable anchor roller and stain	nless steel anchor holder	
13155.01	1 Mooring facility at bow through stainless steel ha	wse 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 deck	steps from side decks to aft	
13300.03	B LED deck illumination integrated in deck-box		
2. COATII	NG		
2.1 CO	OATING & 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 w	ater (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	

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

: Dark Green

: Black

Waterline

Antifouling

3

Linssen Yachts Standard Equipment

Linssen Grand Sturdy 550 AC Variotop®

Item	Description	Page
2.2 T	AK DECKS	
22010.		
22020.		
3. ENGI	E COMPARTMENT	
3.1 T	CHNICAL	
31011.	Linssen Yachts "hydrolubricated" propeller shaft installation	
31021.		
31025.		
31025.	·	
31034.	Bow thruster 400V/7,5 kW. Powered by the generator, long switching time possible, i soft start. Bow thruster can deliver a permanent power of 7.5KW and a peak power of 11KW.	ncl.
31034.	Bowthruster finished with proportional (stepless) control	
31054.	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.	Stern thruster finished with proportional (stepless) control	
31080.	Twin electronic engine controls at steering position	
31090.	Hydraulic steering	
31096.	Stainless steel steering wheel with teak rim at steering position	
31145.	Fuel tanks of advanced design with inspection/cleaning hatch	
31161.	Magnetic level gauge in fuel tanks for direct volume indication	
31180.	Separate second (1 x on engine) fuel filter with water separator, per engine	
31210.	Remote fuel supply cut-off to engines from dinette settee	
31300.	Linssen Yachts per cabin thermostatically controlled warm water heating with radiate the forward cabin, guest cabin, dinette/saloon, aft cabin and wheelhouse.	ors in
31307.	Radiator in front cabin toilet compartment. Thermostatically controlled.	
31307.	Radiator in aft cabin toilet compartment. Thermostatically controlled.	
31310.	LED Engine room lighting with switch and indicator in switch panel	
31331.	Entrance engine compartment by folding ladder between the engines and handle aga access hatch	ainst
31700.	Automatic fire extinguishing in engine compartment	
31750.	Linssen super sound insulation package consisting of a sound absorbent insulation ar non vibration package.	าd a
3.2 (-BOARD WATER SYSTEMS	
32010.	Automatic pressurized water system (incl. solid PVC water tank with inspection/clear hatch, incl. level indicator	ning
32020.	2 Automatic pumps including expansion reservoir for water system	
32050.	Hot water system (80 litre calorifier)	
32060.	230 V./1200W immersion heater in calorifier	
32080.	Fully automated biological blackwater treatment installation using micro-organisms. unpleasant odours; no use of chemicals that are harmful to the environment. Bacteri strains remove the waste products from the residual water. After treatment, the puri water is pumped out through a sediment filter and a UV filter below the water line. The water to be discharged is free of residues and bacteria. The ENTERON	ial

system has type approval in accordance with IMO/MARPOL standards and is compliant in

Item	Description Page	
	all of the 175 IMO member states that maintain this standard for the discharge of black water.	
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	1 17 5	
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 EL	ECTRICAL & ELECTRONICS	
33020.01	1 Electric domestic 12 V. with automatic main fuse and separate fuses for all users	
33022.01	1 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	2 Starting circuit 12V. with 2 x maintenance free "Super Cycle" AGM-battery.	
33090.03	, , ,	
33225.01	, , ,	
33229.01		
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 IN:	STRUMENTS & 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	2 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 E	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	

Linssen Grand Sturdy 550 AC Variotop®

tem	Description Page
3.4.	OMMUNICATION PACKAGES
34943	AIS 700 transponder/receiver (Automatic Identification System) integrated on radar/chartplotted display. Attention: MMSI-number required. Attention: Only in combination with VHF installation
3.5	ERIOR EQUIPMENT HULL
35010	Magnesium or zinc anodes (depending on cruising area)
35030	Original Linssen synthetic-fibre rope fender, with stainless steel stretcher (Beige colour)
35040	Ships name on bow and stern. Port of Registry and Registration number on stern.
35090	Lewmar VX-series, type VX3 Heavy Duty electric anchor winch, with integrated stainless steel anchor rolls, anchor rail and deck switches.
35120	30 kg. galvanized Bruce-anchor
35140	100m. x 10 mm. anchor chain
3.7	ERIOR EQUIPMENT SUPERSTRUCTURE
37020	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	Window spray-installation wheelhouse for 3 windscreen wipers
37070	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	Stainless steel mast stays with quick release system
37080	Electric mast lowering system, incl. control at steering position.
37130	Aft deck lighting with 2 lights in Variotop® parking frame.
37230	Outside table equipped with electrically adjustable table legs (aluminum anodized) including mattress for lounge function.
37271	Entrance door coated in superstructure colour
3.8	NDOWS
38030	Double-glazed "Summer Green" tinted windows in the saloon with grey thermal insulated profile (Thermic Line).
38060	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	Double-glazed "Summer Green" tinted windows in the wheelhouse with thermal insulated profile (Thermic Line). Front windows in plain glass.
38300	6 x opening port-holes in the forward cabin, with plain acrylate
38320	5 x opening port-holes in the aft cabin, with plain acrylate, aluminium anodised with rain protection covers and mosquito screens
38405	Aluminium ventilation/escape hatch with clear acrylic in front cabin, equipped with blackout roller blind with integrated insect screen
38412	Aluminium ventilation/escape hatch, clear acrylic in centre cabin and toilet compartment, with blackout blind and integrated insect screen
38422	Aluminium ventilation/escape hatch with clear acrylic in aft cabin, equipped with blackout roller blind with integrated insect screen
38425	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,

tem	Description	Page	6
	the insulation values are comparable.		
38440.0	Fixed aluminium deck window integrated in saloon deck as engine hatch, profile coa in colour superstructure (Linsen Sand Beige)	ated	
4. INTER	RIOR		
GENE	RAL		
40010.0	Linssen panels FPS® (Floating Panel System, Patented)		
40020.0	Interior constructed of high-end okoumé panelling with cherry finish		
40025.1	Interior and exterior style "Classic Traditional": Classic modesty. Stylish elegance thr soft beige shades.	ough	
40040.0	Original Linssen maintenance friendly ship's floor, teak color with black striping.		
40050.0	High gloss stainless steel fittings in all compartments		
40060.0	High gloss stainless steel door and locker furniture, with push-button catches		
4.1 A	FT CABIN		
41010.0	Stylish/high quality floor covering in rear cabin on second floor level next to bed.		
41021.0	Double berth, with slatted base and sprung mattress including spacious drawers underneath bed		
41031.0	Bedside table at Port side		
41041.0	Bedside table at Starboard side		
41121.0	Spacious hanging wardrobes in the aft cabin		
41142.0)2 ?		
41161.C	 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 		
412	SHOWER AND HEADS COMPARTMENTS		
41062.0			
41071.1		top	
41092.0	Shower in the AC finished in high quality Formica wall finishing		
41092.9	Shower tray aft cabin in corian designed with grooves for water drainage		
4.2 S/	ALOON & GALLEY		
42011.9	Hatch above engine compartment electrically operated for easy access and inspecti filters etc.	on of	
42035.0	3 Elegant saloon table, low model		
42037.0	Saloon and dinette table top with flush leather panels		
42041.0	Grab rail at saloon stairs, in high gloss stainless steel		
42072.0	23 L-shaped dinette with integrated drawers		
42092.0	U-shaped galley worktop finished with original Corian®		

Item	Description Page
4.3.1	FRONT CABIN AND GUEST CABIN
43010.0	Of Stylish/high quality flooring in front cabin on second floor level next to bed.
43021.0	
43031.0	
43041.0	
43102.0	
	be converted into one double bed
43121.0	Spacious linen cupboard in guest cabin
4.3.2	SHOWER AND HEADS COMPARTMENTS
43062.0	702 Toilet/shower walls FC in high quality Formica wall finishing
43071.	Integrated washbasin surface mounted in front toilet-compartment vanity unit. Worktop finished in original Corian®
43082.0	Shower in the FC finished in high quality HPL wall finishing
43081.3	Storage space in the toilet compartment FC
43082.9	Shower tray front cabin in corian designed with grooves for water drainage
4.4 V	/HEELHOUSE
44021.0	Bench on the Port side including drawer
44031.0	Helmseat with integrated pull-out table function.
44101.0	11 Wetbar at SB-side incl. Corian wash basin and hot and cold mixer tap
44081.0	Walnut wood dashboard finished in real leather, at SB side
44091.0	Comfortable electric adjustable Linssen Design helm seat, in height adjustable, with matching leather upholstery. Horizontally manual adjustable
5. FINIS	4
5.1 L	GHTING & SOCKETS
51010.0	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.
51070.3	L1 Luxurious LED reading lights (2x) in the aft cabin
51080.3	Luxurious LED reading lights (2x) in the front cabin
51090.2	Luxurious LED reading lights (2x) in the guest cabin
51100.0	21 Attractive indirect lighting in interior
51110.0	Stair-lighting in steps throughout the interior
51400.1	USB-connection in saloon (1x), dinette (1x), FC (1x), guest cabin (1x), AC (3x) and in wheelhouse (2x) for charging mobil equipment. (Total 9x)
51500.0	1 x 12 V. socket in the saloon on Port-side, aft
51601.0	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)
51640.0	1x double 230 V. socket in the galley
51670.0	230 V. socket in aft cabin (Port-side)
5.2 G	ALLEY
52015.0	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)

Item	Description	Page	8
52020.02	Integrated waste bucket in cupboard		
52025.02	·		
52030.02	5 ,		
52035.02	• •		
52040.02	3 ,		
52041.02	· · · · · · · · · · · · · · · · · · ·		
52062.20	•		
52080.03			
52100.02	2 230V. washer/dryer combination, fitted in the forward cabin shower compartment		
52140.02	2 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	2 Extractor (230V). above hob integrated in wooden pillar		
52180.02	Stainless steel/corian sink		
53020.03	Mixer tap in galley type Grohe Essence		
52220.02	2 230V. stainless steel 42 l. microwave/oven/grill combination. Temperature range 30-2 degrees. 90-1000W microwave power	250	
5.3 SA	NITARY FITTINGS		
53010.01	Selected bathroom fittings (mirror, toilet paper holder, etc.), in the forward cabin hea	ad	
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	9	
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) in shower rail	ncl.	
53060.06	Build in wall mixer tap in aft shower type Grohe (Thermostatically adjustable) incl. shower rail		
53090.02	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	2 Electric toilet in forward cabin, with fresh water rinsing		
53140.02	2 Electrical toilet in the aft cabin, with fresh water rinsing		
53130.99	Odour system" to reduce smells from black water system		
5.4 AL	JDIO / VIDEO / INTERNET		
54010.02	Stereo radio/MP3-player Fusion RA70N with bluetooth including 2 speakers in the sa 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	lloon	
54035.04	Set speakers in wheelhouse		
54200.01	Primary TV connection at saloon Port TV cupboard, incl. extra 230V. socket		
54250.02	Glomex TV-antenna on mast, suitable for analogue & digital reception. Suitable for DVBT-T2 network.		

Linssen Grand Sturdy 550 AC Variotop®

Item	Description	Page	9
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 IN	TERIOR UPHOLSTERY		
56050.02	Dashboard finished in genuine leather		
56070.02	2 Comfortable seat		
56082.02	Seats at starboard side in aft cabin in genuine leather		
56095.02	Steering settee in wheelhouse finished in genuine leather		
56101.02	Mattrass 2x 1 pers.in front cabin type Combispring 14 cm.		
56131.02	Mattrass 2x 1 pers. in aft cabin type Combispring 14 cm.		
56161.01	Mattrass 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 EX	TERIOR UPHOLSTERY		
57015.00	Cushions for aft deck U-settee in water-repellent fabric, color depending on choosen interior package		
5.8 EQ	UIPMENT		
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 chair and anchor ball	n	
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 CA	NVAS & COVERS		
59150.01	Linssen Variotop® insulated cabriolet of high-grade Sonnenland Java canvas including	g bright	

59150.01 Linssen Variotop® insulated cabriolet of high-grade Sonnenland Java canvas including bright inside lining