

Linssen Yachts Standard Equipment

Linssen 50 SL AC Variotop®

Item	Description	Page	1
01010.05	Type code Construction Bottom/hull/decks/superstructure Weight/displacement	: 28F : SPH®(patent pending) (Softchine Prestressed Hu : 6/5/4/5-4 mm. : ±26.000 kg / ±26 m³	
01020.30	LOA x beam x draft Length hull Length over deck Length waterline Minimum air draft Air draft with lowered mast to top parking frame Variotop® Headroom FC/saloon/AC/Wheelhouse	: ± 15,50 x 4.65 x 1.20 m. : ± 14 m. : ± 13.90 m. : ± 12.95 m. : ± 3.44 m. : ± 4.15 m : ± 2.00/1.98/1.98/2.00 m.	
01030.23	CE-classification Number of max. recommended persons	: B (sea) : 12	
13020.32	Engine Alternator	: 2x 4 cyl. Yanmar Diesel, type 4JH110 ZF 25-H / 2,8 : 1 80.9 kW (110 HP), 3200 rpm : 2x 125A-12V	
03040.01	Fuel tank capacity Water tank capacity	: ± 2x 750 ltr. : ± 720 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 and SB-side. Incl. desk with stool		
42001.01	Saloon with spacious U-shaped galley at SB-side, cupboards. L-settee at SB-side, at Port side a separate L-shaped 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		
42141.01	Functional storage space in forward section, equipped with 6 storage boxes and lighting		

1. HULL

1.1 EXTERIOR

11015.01	Hull constructed in accordance with the Linssen Yachts SPH® (patent pending) construction method
11030.05	Bulwark integrated steel with recess,
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. 344 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
12050.02	6 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)
12146.01	Stainless steel coated bathing platform, with solid teak parts including Heavy Duty PVC fendering all around and along part of the hull. Bathing platform will be fixed to the hull with demountable supports.

1.3 TECHNICAL

13028.01	Air suction vents for engine room integrated in the hull
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
13135.01	Preparation for extractor hood in galley by roof fan on saloon deck for discharge outside.
13150.02	Integrated bow fitting with fixed anchor roller and stainless steel anchor holder
13155.03	Mooring facility at bow through stainless steel hawse
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
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
21090.25	Original Linssen SL colour scheme:
	Superstructure and hull : Egg Shell White
	Waterline : SL bow-up design, black
	Antifouling : Black
	Rope fender : Black
	Variotop : Sonneland Carmat Jive
	Glass windows saloon, wheelhouse : "Smoke Grey" tinted

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2.2 TEAK 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

31021.21 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.

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.

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

31180.06 Yanmar standard fuel filters with water separator and water alarmsensor.

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.

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

32010.13 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

32050.04 Hot water system (60 litre calorifier)

32060.01 230 V./800W 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

32110.02 Holding tank waste pump-out unit for Direct Discharge, equipped with timer, so pump switches off automatically after 10 min.

32150.04 Deck-wash pump, including hose and trigger nozzle with connection at bathing platform

32190.01 Electric bilge pump installations placed in bilges of aft cabin, forward cabin and engine room. Equipped with float switch & alarm (3x 100L/min. pumps)

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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 ICCISS 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	12 V service net with 1 x maintenance-free "Super Cycle" AGM battery 170 Ah. for Variotop, parking frame, anchor winch and passerelle.		
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.		
33295.02	Generator ONAN 400 V/17,5 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 with 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		
3.4.1 NAVIGATION INSTRUMENTS			
34080.00	Raymarine DST810 triducer with read out from echosounder, log and outside water temperature on Axiom display		
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.		
34125.07	Raymarine Axiom+12RV, 12" multifunctional colour display with touchscreen and Wi-Fi at steering position. Including read out from echosounder, log and outside water temperature.		
34135.06	Second Raymarine Axiom+12, 12" multifunctional colour display with touchscreen and Wi-Fi at steering position. Including read out from echosounder, log and outside water temperature.		
34132.80	Raymarine RMK-10 remote keypad for complete touch control for Axiom display.		
34140.03	Navionics Gold XL9 marine chart type 46XG, West Europe		
3.5 EXTERIOR EQUIPMENT HULL			
35010.00	Magnesium or zinc anodes (depending on cruising area)		
35040.02	Ships name on bow and stern. Port of Registry and Registration number on stern in colour RAL7022. Bow letter type; P22 Lucilee Pro Regular. Stern letter type; Handel Gothic D medium.		

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35090.04	Lewmar VX-series, type VX3 Heavy Duty electric anchor winch, with integrated stainless steel anchor rolls, anchor rail and deck switches.		
35120.02	20 kg. galvanized Bruce-anchor		
35140.03	50m. x 10mm. anchor chain, according DIN 766		
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.		
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			
38031.31	Double-glazed "Smoke grey" tinted windows in the saloon with grey thermal insulated profile (Thermic Line).		
38061.39	Front hinged window Port side with grey 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		
38071.35	Port window in saloon finished in double glass (Thermic Line) incl. grey thermal insulated profile and "Smoke grey" tinted glass		
38231.31	?		
38300.36	6 x opening port-holes in the forward cabin, with plain acrylate, profile grey		
38320.31	6 x opening port-holes in the aft cabin, with plain acrylate, profile grey		
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		
38426.05	Fixed panorama window in the stern with "Smoke Grey" tinted glass, profile RAL7022 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.		
38441.03	Fixed aluminium deck window integrated in saloon deck as engine hatch, profile coated in colour superstructure		

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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
40025.16	Interior and exterior style "SL"
40030.02	Deck-head lining in elegant vinyl finish panels
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
41121.01	Spacious hanging wardrobes in the aft cabin
41142.01	Cupboards and drawers on starboard side, same as on port side.
41161.01	Cabinets in hall Port side with cupboards of 45 and 60 cm wide, suitable for any built-in equipment.
41171.01	Cabinet hallway Starboard side with multifunctional hanging/cupboards and drawers

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

42011.90	Hatch above engine room for easy access and inspection of this room.
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
42082.01	Galley with cupboards and 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.
43021.01	Double berth with slatted base and 2 drawers
43031.01	Spacious wardrobe and separate hanging locker on Port side.
43041.01	Spacious wardrobe and separate hanging locker on SB 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

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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
44101.01	Wetbar at SB-side incl. Corian wash basin and hot and cold mixer tap
44081.02	Dashboard in Carbon look
44091.02	Comfortable electric adjustable Linssen Design helm seat, in height adjustable, with matching leather upholstery. Horizontally electric 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
51100.02	Attractive indirect lighting in the FC and AC heads
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	Additional 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
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
52062.01	Cooling tray, 30 liter, built-in in the saloon settee
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

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52180.01	Stainless steel/corion sink		
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		
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 Apollo Apollo RA770 with bluetooth and touch screen, including Subwoofer and 2 speakers in the saloon and amplified radio-antenna in the mast, connected to Raymarine display. Radio can be controlled via Fusion app on smart phone or tablet		
54035.04	Set speakers in wheelhouse		
54200.01	Primary TV connection at saloon under steering position, incl. extra 230 V. socket		
54250.01	Glomex TV-antenna on mast, suitable for analogue & digital reception. Suitable for DVBT-T2 network.		
54400.04	49" (123cm) LED TV with integrated DVB-T & DVB-S tuner in saloon integrated on AC wall		
5.6 INTERIOR UPHOLSTERY			
56050.02	Dashboard finished in genuine leather		
56095.02	Steering settee in wheelhouse finished in genuine leather		
56101.11	Mattress 1x 2 pers. in front cabin type coldfoam 14 cm. with layer in foam in two hardness grades.		
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 settee in water-repellent fabric, color depending on choosen interior package		

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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.

5.9 CANVAS & COVERS

59150.05	Linssen Variotop® insulated cabriolet of high-grade Carmat Jive canvas including bright inside lining
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