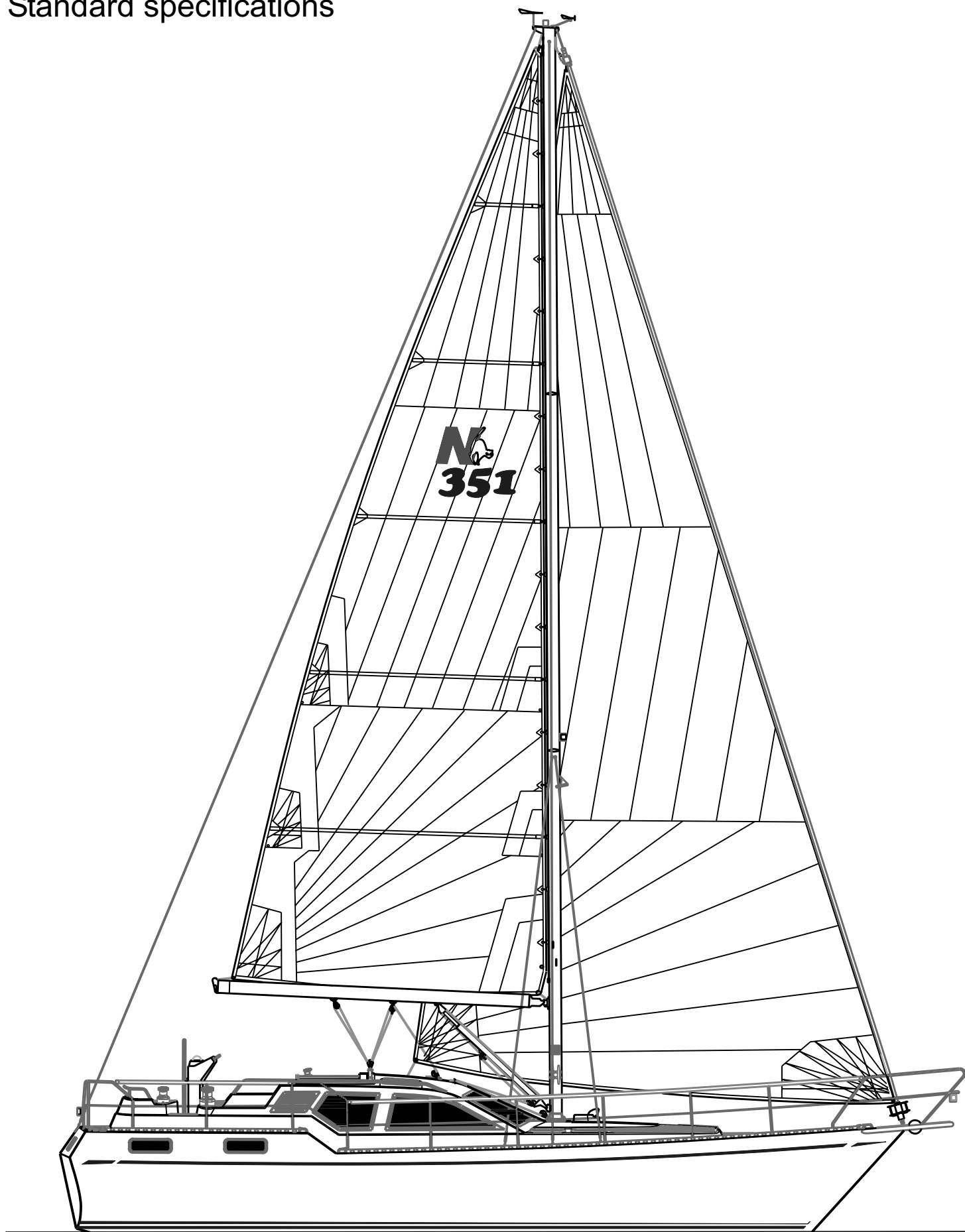


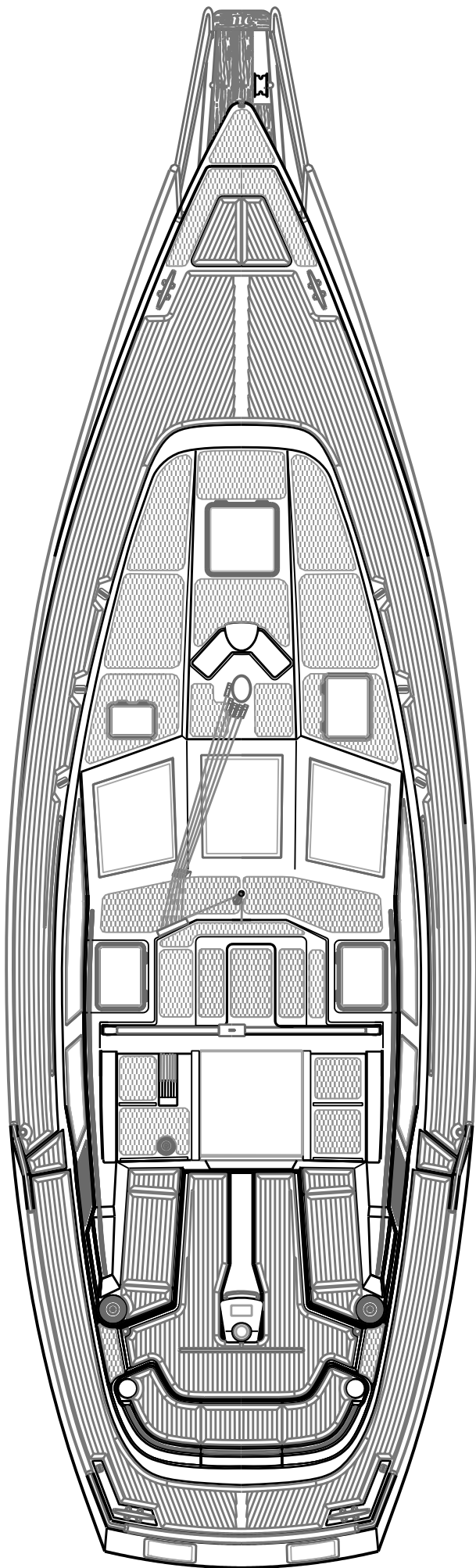
nauticat 351

September 2008

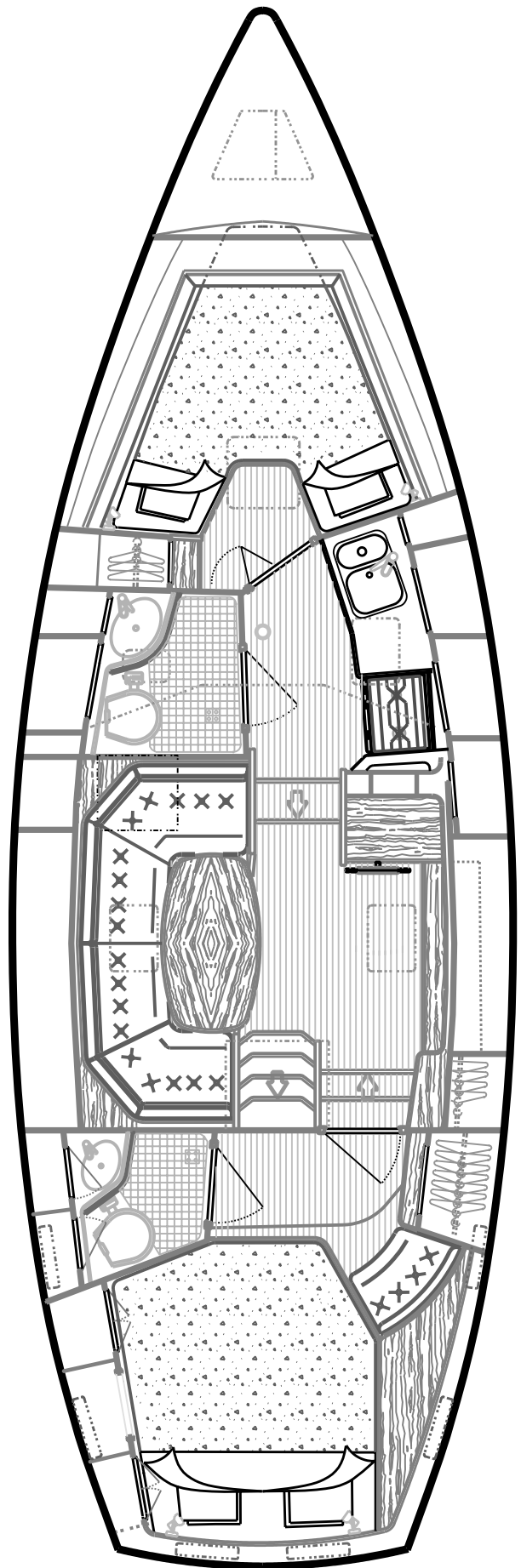
Standard specifications



NAUTICAT 351 SLOOP



DECK LAYOUT



STANDARD INTERIOR 351-010

NAUTICAT 351 PILOTHOUSE SAILING YACHT STANDARD SPECIFICATIONS

L.O.A., hull	10,60 m	34'9"
L.W.L.	9,05 m	29'8"
Beam	3,50 m	11'6"
Draft	1,80 m	5'11"
Freeboard, fore	1,45 m	4'9"
Freeboard, aft	1,70 m	5'7"
Displacement, approx.	7,5 tons	16500 lbs
Headroom		
– fore and aft cabin	1,84 m – 1,90 m	6'1" – 6'3"
– pilothouse and saloon	1,91 m – 1,95 m	6'3" – 6'5"
Ballast approx.	2,7 tons	6000 lbs
Fresh water capacity approx.	440 l	103 gal. UK
Fuel capacity approx.	335 l	73 gal. UK
Height above waterline approx.	15,5 m	50'10"
Speed under power, approx.	8 knots	
Cruising range approx.	500 nautical miles	

SAILS (all sails are optional)		Sail area
		58,5 m ²
Main sail	(A)	27,2 m ²
Genoa I	(A)	40,5 m ²
Genoa II	(A)	31,3 m ²
Storm jib	(A)	9,1 m ²
Spinnaker, Triradial		97,0 m ²
Cruising spinnaker		85,0 m ²

Sails manufactured by North Sails.
Masts manufactured by Seldén Mast.
CE approved category A.

HULL

All hand laminated fibreglass construction with strong hull framing. Bulkheads are teak faced marine plywood securely bonded to the hull. External lead ballast of 2,7 tons. Ballast secured to the hull with acid-proof steel bolts. Draft 1,80 m. Engine bed of fibreglass with steel inserts.

DECK AND SUPERSTRUCTURE

Deck and superstructure of all hand laminated fibreglass construction. An anti-slip surface on all surfaces including the wheelhouse roof. All windows of toughened safetyglass suspended in alloy frames. Guard rail of solid teak mounted on stainless steel stanchions around the deck. Boarding gates aft and starboard. Four solid fairleads and four heavy duty cleats. Pulpit of stainless steel, teak step between the rails. Superstructure fastened to the hull with an alloy toe rail, joint made with stainless steel bolts. Anchor box forward.

ENGINE

Propulsion provided by a Yanmar 4JH4E (BSO stage II approved) marine diesel 39,7 kW/54 hp/3000 RPM. Mechanical transmission, reduction 2.14:1. Engine fresh water cooled. Acid-proof steel shaft, Ø 35 mm, swinging a 17" x 14" bronze propeller. Parts below waterline protected by corrosion anodes. Fuel tanks located on both sides of the engine room carry approx. 335 l diesel fuel. Deck fills and a separate handpump for taking out the dirt. Cruising range approx. 500 nautical miles. Space for generator in engine room.

PLUMBING

All through hull fittings below waterline with seacocks. Fresh water system components include two polyethylene tanks with a total capacity of 440 litres. Both tanks independently deck filled with selection valve in galley. Tanks on both sides of the engine room. A pressure system supplies toilets, galley and shower facilities. Double stainless steel sink in galley, basins and hand showers in both toilets. The toilets are supplied with marine pump type heads and a septictank appr. 90 l (25 gal. UK) with pumpout fitting on deck. Automatic, electric bilge pump with manual override and manual bilge pump in the cockpit.

STEERING

Two independent steering systems are employed in parallel. At cockpit helm station there is a Capillano hydraulic steering with turnover rate of two turns lock to lock. At the inside helm position a similar system is used with turnover rate of 3-6 turns lock to lock. Rudder of fibreglass, rudder stock of acidproof steel, support bearings of bronze. Emergency steering by way of a tiller connected directly to the rudder stock.

ELECTRICAL SYSTEM

Boat's service by way of a 12 V D.C. system employing 3 heavy duty lead acid batteries of 2 x 180 Ah and 1 x 135 Ah, housed in a ventilated box in the engine room. A master switch for start and service battery. The charging system employs a 12 V/80 A alternator with relay for parallel connection during engine-running. Individual functions controlled by switch panel. Working lights positioned throughout the vessel where appropriate, including flexible arm chart light and reading lights at berths. All wardrobes have lights. Running lights to international standards.

SPARS AND RIGGING

Sloop rig with silver anodised main mast and boom. Internal halyards. Boom equipped with Rodkick boomvang. The mast has double spreader configuration. Mast is deck stepped with stainless steel support to keel. Slab reefing with internal reef lines. Steaming light, anchor light and deck flood light on the mast.

Main mast halyards winches:
– 2 x Andersen 10

Main mast reefing winch:
– 1 x Andersen 91

Standing rigging:
– Main mast, 1 x 19 Ø 7-10 mm, stainless steel wire

Running rigging:
– internal halyards 7 x 19 of stainless steel with rope tails
– sheet of rope Ø 14 mm

Sheetwinches:
– Fore sail: 2 x Harken B46.2STA
– Main sail: Harken 16 STA

Stainless steel turnbuckles and chainplates.

INTERIOR

Interior construction of satin varnished solid teak and teak faced marine plywood, except the galley and toilets, which are finished in light laminates. Cabin sole of teak faced marine plywood with light wood striping and varnished finish. Wall-to-wall carpeting in pilothouse. A selection of fabrics for curtains and upholstery available as standard. Floor drain in toilets.

FORECABIN

Two berths in V-configuration. Large full-length illuminated hanging locker with shelf in the rear. Storage under berths. Aluminium framed skylight hatch overhead to provide light and ventilation to this area. Reading lights and shelves over berths. 12 V outlet.

FORWARD TOILET

Located by the fwd cabin. Pressure water, basin, marine pump type head and handshower. Inside the door on the ceiling, there is a curtain rail of aluminium. Ceiling light. Storage behind and underneath of basin. Finished in light laminate, lower part fibreglass modules. Overhead hatch.

AFT TOILET

In spacious aft head pressure water, basin and handshower. The toilet is supplied with marine pump type head, Inside the door on the ceiling, there is a curtain rail of aluminium. Ceiling light. Mirror. Opening port. Finished in light laminate, lower part fibreglass modules.

GALLEY

Straight galley providing ample laminate faced counter space. Double stainless steel sinks. Two burner gimballed gas stove with oven and flame guards. Gas installation; solid copper pipe, flexible to gas bottle and stove. Shut off valve in the cabinet under the sink. Pressure water system. A top-loading cool box, 100 l, driven by 12 V compressor. Extensive cabinetry, drawers and lockers. Cutting board. Drawer for cutlery. Trash pail. Translucent opening hatch and a Dorade vent to provide light and ventilation to this area.

PILOTHOUSE/DECK SALOON

This area distinguishes a Nauticat from all other vessels. The visibility is unimpaired to all directions through the aluminium framed safetyglass windows. From pilothouse companionway to cockpit and steps, which lead down to aft stateroom. Teak table with aluminium legs, drawer for charts. Ample storage on starboard side. Engine function instruments and navigation equipment mounted conveniently in a contoured panel. Above the helm a

translucent, adjustable hatch. Switchboard including fuses and switch for signal horn. Chart light and overhead light. All instruments are illuminated for night use. Access to the engine room through the pilothouse sole. The large raised U-shaped settee accommodates six persons comfortably for dining or relaxing. Storage under the settee. Overhead adjustable hatch with alloy frame and overhead light. Space for autopilot, radar and other electronics on starboard side of the pilothouse. Wardrobe on starboard side.

OWNER'S STATEROOM

This space is dominated by a double bunk on port side, a settee on starboard side and a large lighted wardrobe. Drawers. Storage under the berth. Two windows in aft, three opening ports on sides. Reading lights and an overhead light. Door to aft toilet. 12 V outlet.

EQUIPMENT

Anchors and warps	1 × 20 kg (44 lbs) Bruce anchor, 1 × 10 kg (22 lbs) anchor. 5 m (16') chain, 2 × 50 m (2 × 164') polypropylene warps. Aluminium bow roll.
Anchor box	One forward. Aft anchor in cockpit storage. Storage inside aft seat for gas bottle.
Bar locker	In pilothouse with rack bottles etc.
Batteries	2 × 180 Ah/12 V for service and 1 × 135 Ah for start
Bilge pump	One automatic electric bilge pump. One manual bilge pump in cockpit
Boarding ladder	At stern
Cleats	4 cleats
Compass	Suunto D135, lighted, on cockpit pedestal
Depth sounder	Raymarine ST60+
Electric outlets	12 V, in pilothouse, forecabin, aft cabin and cockpit
Emergency steering	Direct to rudder stock
Fairleads	4 aluminium fairleads
Fenders	4 fenders
Fire extinguishers	1 × 2 kg (4 lbs), 1 × 6 kg (13 lbs)
Hooks	4 pcs for lifeline
Horn	Electric marine horn with push button inside and outside.
Instruments	Tachometer Engine oil pressure gauge Temperature gauge Engine hour meter Combined ampere and volt meter Fuel gauges Fresh water gauge
Lifebuoy	1 horseshoe type with holder
Life rails	Stainless steel stanchions, handrail of teak, gates aft and starboard.
Lights	Navigation, steaming and anchor lights according to international rules. Flood lights Chart light in pilothouse Searchlight Overhead lights and reading lights at berths Lights in wardrobes
Log	Raymarine ST60+ speed and distance recorder, trip recorder
Mooring warps	4 × 15 m (4 × 49').
Pressure water	In galley and on both toilets
Refrigeration	Approx. 100 l insulated box, cooled by a 12 V compressor.

Repair kit	Gelcoat in hull colour, 1 l
Septic tank	Appr. 90 l (appr. 25 gal. UK) with emptying from deck or to sea.
Sink, basin	Double sink in stainless steel in galley, basin in both toilet.
Stove	Propane gas stove with two burners and oven, flame guards, gimbaled.
Switch board	Start/stop switch Signal horn switch 3 windshield wiper switches Warning signal and light for malfunction of engine temperature, oil pressure and charging Additional signal in cockpit Switch for pressure water Switches for navigation and anchor lights All instruments are illuminated.
Toilets	One forward, one aft, marine pump type toilets.
Ventilation	Pilothouse is ventilated through two alloy framed hatches. In galley, forward toilet and forward cabin, alloy framed hatches. Opening windows in aft cabin. Dorade vents in galley and fore cabin.
Water tank	440 litres in polyethylene tanks, three way valve.
Winch handles	1 × 8", 2 × 10" with lock
Windshield wipers	Two in front windows

Nauticat Yachts Oy tries to improve its products by using latest techniques and equipment while still maintaining the high standards. Therefore, it might be necessary to later the specifications from time to time. Nauticat Yachts reserves the right to alter specifications without prior notice. The pictures may show option. Depending on the fact that the ordered amount and placing of extra equipment varies from boat to boat, each boat is balanced with lead before delivery at our testpool. The interior drawings presented in this specification should only be considered as examples of possible interior layouts. The interior layout according to which the boat is to be built is confirmed separately for every yacht at order. See also your dealer's additional specifications as variations appear due to national safety rules. All dimensions mentioned in this standard specification are approximate.

Nauticat Yachts Oy has during its existence evolved to one of the leading boatyards, building traditional motorsailers and pilothouse sailboats. At the end of the year 2007 over 2700 Nauticats have been launched in different parts of the world. In addition to the famous "Grand Old Lady", the Nauticat 331, the current range compresses the traditional motorsailers, Nauticat 38 and 44. The sloops Nauticat 321, 351, 37, 385, 42 and 515 we call pilothouse sailboats.



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