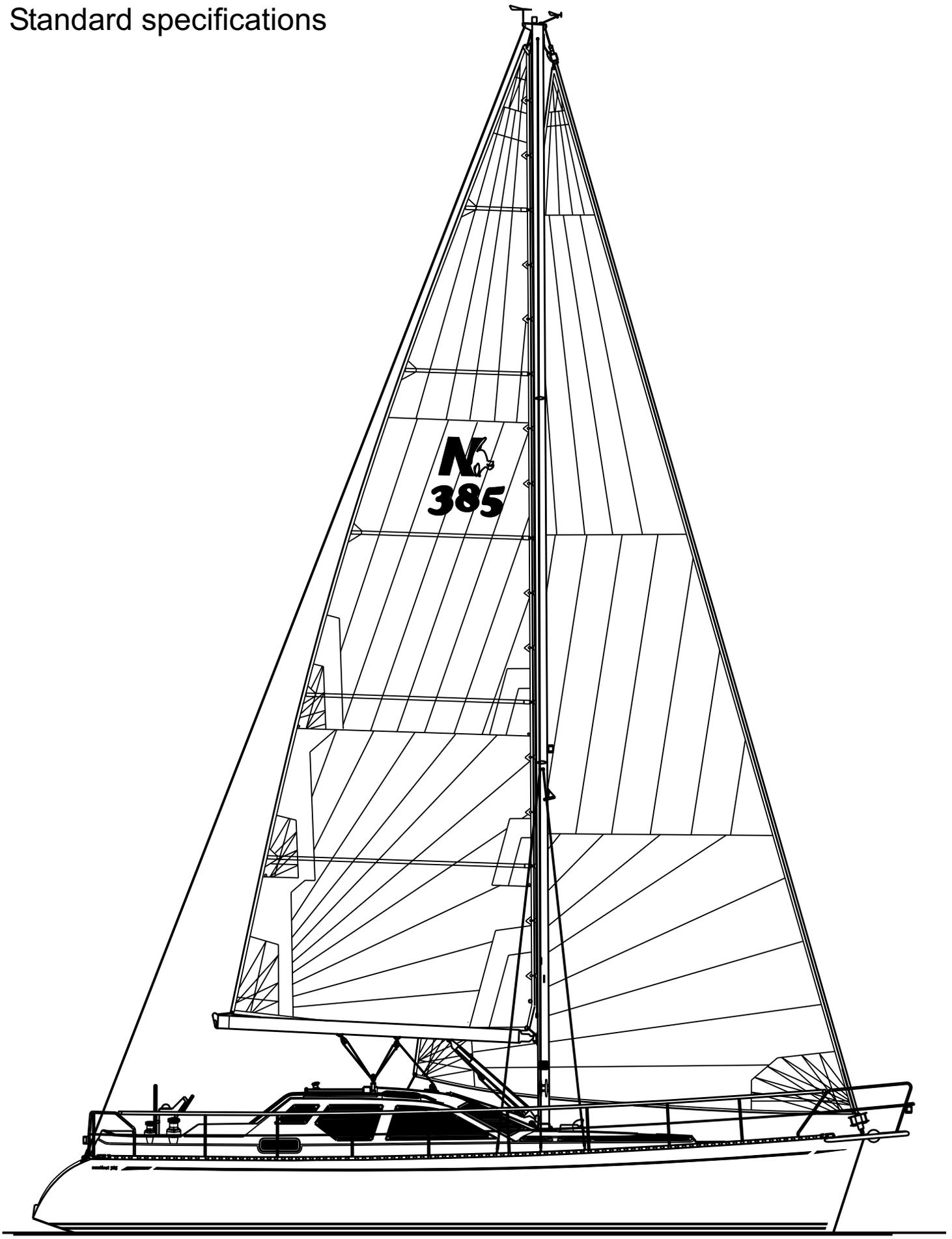
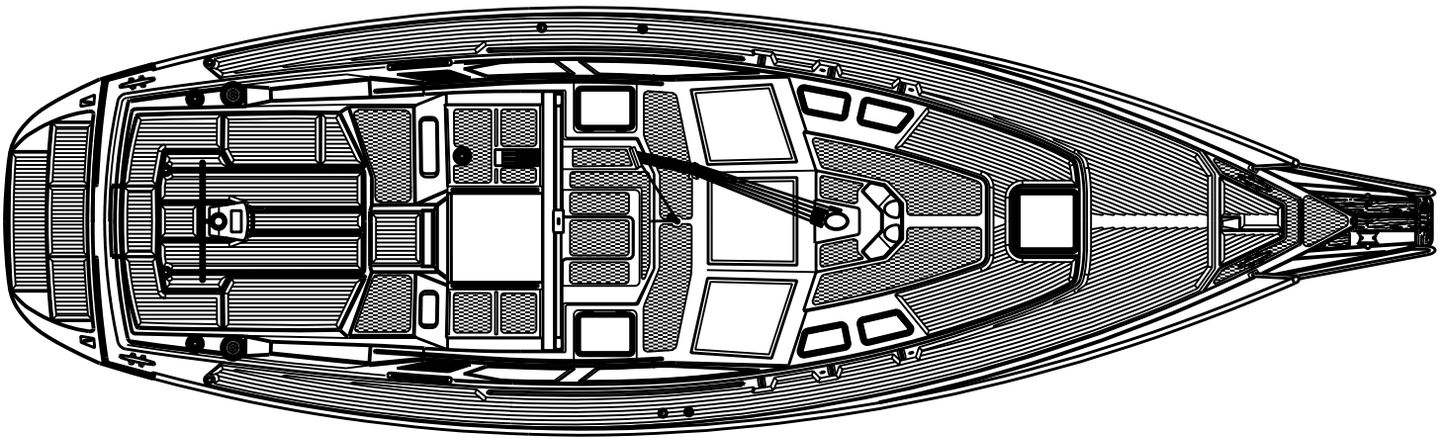
nauticat 385

Standard specifications

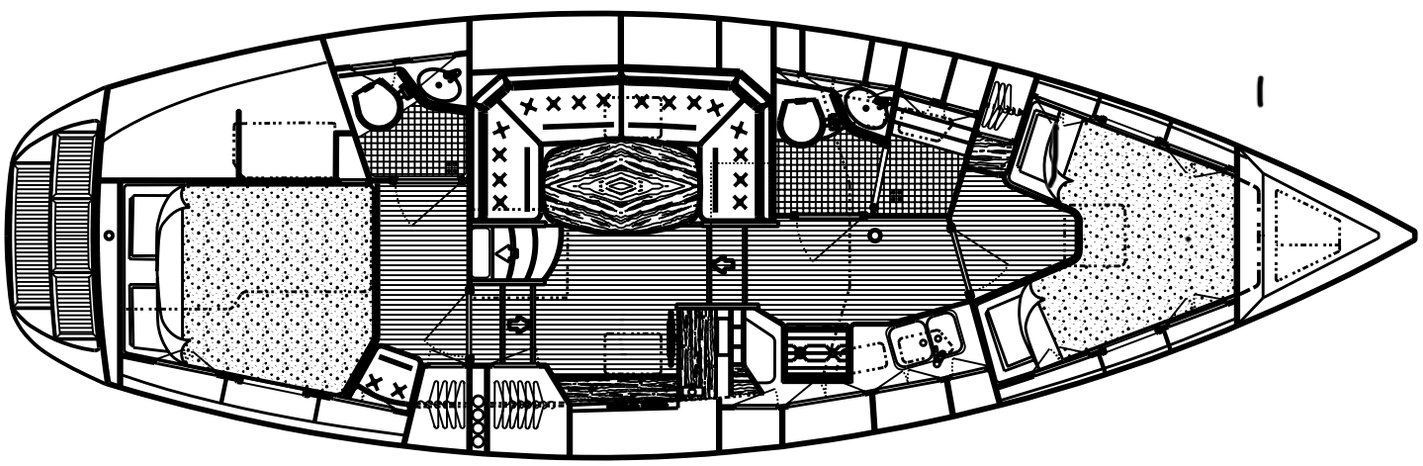


NAUTICAT 385 SLOOP

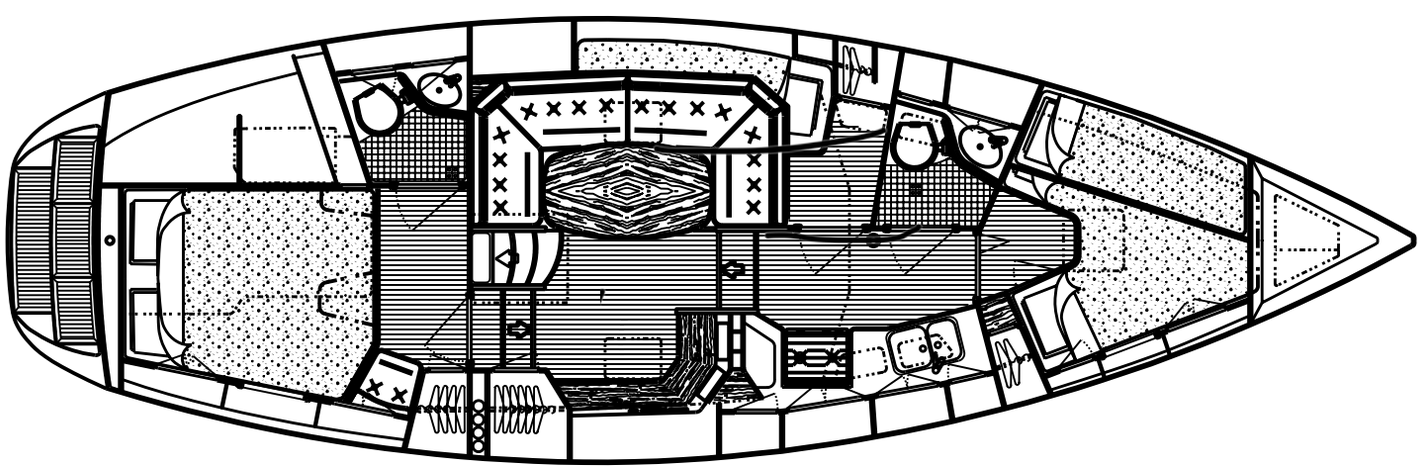
DECK LAYOUT



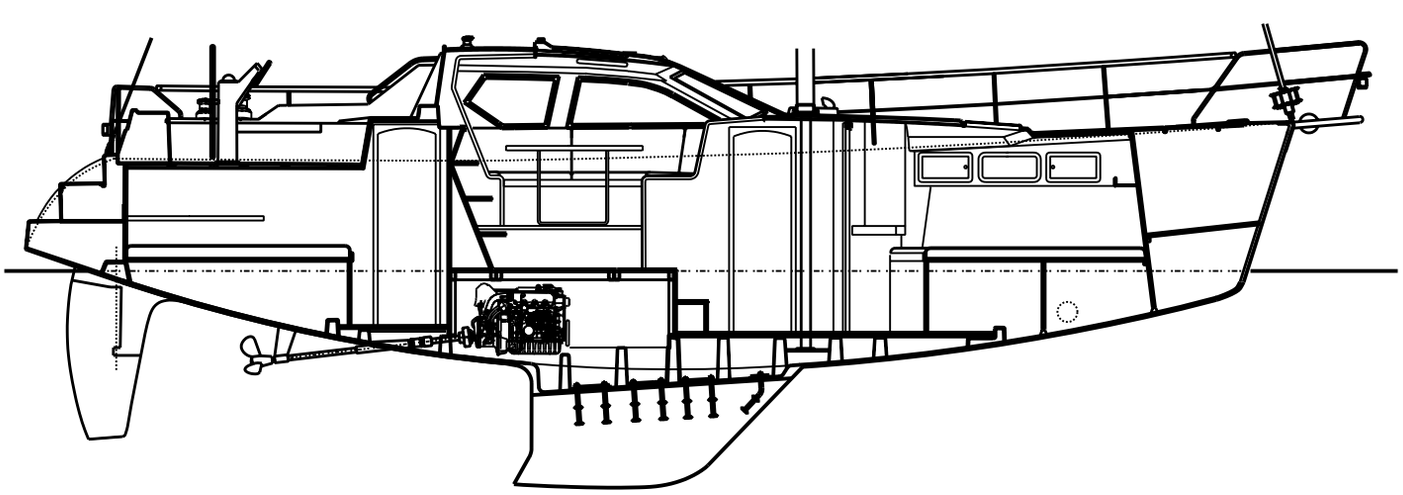
INTERIOR 385-304, Standard



INTERIOR 385-302 (Optional)



SECTION BB



NAUTICAT 385 PILOTHOUSE SAILBOAT

STANDARD SPECIFICATIONS

L.O.A., hull	11,65 m	38’22”
L.W.L.	10,10 m	33’14"
Beam	3,60 m	11’82”
Draft	1,85 m	6’07”
Displacement, approx.	9,5 tons	20900 lbs
Headroom		
– aft and fore cabin	1,87 m – 1,82 m	6’14” – 6’
– galley and pilothouse	1,85 m – 1,86 m	6’07” – 6’1”
Ballast	3,05 tons	6700 lbs
Fresh water capacity	440 l	96 gal. UK
Fuel capacity approx.	335 l	84 gal. UK
Height above waterline approx.	16,7 m	54’79”
Speed under power, approx.	8 knots	
Cruising range approx.	500 nautical miles	

SAILS (all sails are optional)

Total sail area (mainsail + genoa I)	75,0 m²
Main sail	32,0 m²
Genoa I	43,0 m²
Jib	36,0 m²
Storm jib	10,0 m²
Spinnaker (Tri Radial)	105,0 m²
Gennaker	97,0 m²

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

HULL

The hull is an all hand laminated fibreglass construction. The bulkheads are made of teak faced marine plywood, which are securely bonded to the hull and deck. There is an external lead ballast of 3,05 tons. The ballast is secured to the hull with acid-proof steel bolts. The yacht has a draft of 1,90 m. The engine bed is made of fibreglass and equipped with steel inserts. The hull has also a strong fibreglass bottom framework all over the boat.

DECK AND SUPERSTRUCTURE

The deck and superstructure are all hand laminated fibreglass constructions. The deck has an antislip surface, including the wheelhouse roof. All windows are manufactured of toughened safetyglass suspended in alloy frames. The guardrail on the Nauticat 385 is made of solid teak. The rail is mounted to deck with stainless steel stanchions which are equipped with lifelines. Boarding gates aft and starboard. Four solid fairleads and four heavy duty bollards (2 fairleads and 2 bollards in the bow, and 2 fairleads and 2 bollards in stern). Pulpit and pushpit are made of stainless steel. The deck is fastened to the hull with an alloy toe rail, and the joint is made with acidproof steel bolts. The anchor box is situated in the bow.

ENGINE

Propulsion is provided by a Yanmar 4JH4E marine diesel, 39,6 kW/54 hp/ 3000 rpm. It has a mechanical transmission, with a reduction of 2.14:1. The engine is fresh water cooled. The shaft is made of acid-proof steel, ø 35 mm, swinging a 17" × 14" bronze propeller. Parts below waterline are protected by corrosion anode. Fuel tanks are located on both sides of the engine room, and they carry approx. 335 l diesel fuel. The fillers are located on deck and there is a separate handpump for taking out the dirt. The cruising range is approx. 500 nautical miles. There is also additional space for a generator in the properly sound-insulated engine room.

PLUMBING

All through-hull fittings below waterline are equipped with sea-cocks. The fresh water system includes two tanks with a total capacity of 440 l. Both tanks are independently deck filled with a selection valve in the galley. The water tanks are situated under the pilothouse sole. A pressurised system supplies toilet, galley and shower facilities. Tubing in rigid polyethen.There are basin and handshower in the toilet. The toilet is supplied with marine pump type head and a holding tank appr. 90 l with a suction fitting on deck and through hull. The Nauticat 385 is equipped with one automatic, electric bilge pump with manual override and one 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 and at the inside helm position a similar system is used. Turnover rate of the inner wheel is adjustable within 3–6 turns from one extreme to another. 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 batteries of 1 × 135 Ah and 2 × 180 Ah, housed in a ventilated box in the engine room. A master switch for start and service batteries. The charging system employs a 12 V/80 A alternator with a relay for parallel connection during engine running. Individual function controlled by a switch panel, including automatic fuses for all outlets with lights positioned throughout the vessel. This includes a flexible arm chart light and reading lights at berths. All wardrobes have lights. Running lights according to international standards.

SPARS AND RIGGING

The Nauticat 385 is rigged as a sloop. Seldén manufactures the silver anodised aluminium boom and mast. The mast has internal halyards. The boom is equipped with a gas filled Rodkick boom-vang. Double spreader configuration. The mast is deck stepped and has a stainless steel support to the keel. Steaming light, anchor light and deck flood light on the mast.

Mast halyard winches:
– 1 × Andersen 28, 2-speed

Mast reefing winch:
– 1 × Andersen 10

Standing rigging:
– 1 × 19 ø 7–10 mm, stainless steel wire

Running rigging:
– Internal halyards 7 × 19 of stainless steel with rope tails
– Sheets of rope ø 14 mm

Sheet winches:
– fore sail: 2 × Harken B46.2STA
– main sail Harken 32 ST

Stainless steel chainplates and turnbuckles with internal toggles.

INTERIOR

Interior construction of satin varnished solid teak and teak faced marine plywood. Cabin sole is made of teak faced marine plywood with light wood striping and varnished finish. There is wall-to-wall carpeting in pilothouse.

FORECABIN

The forecabin has two berths in V-configuration. There is a large full-length illuminated hanging locker with shelves in the rear. Storage under berths. Aluminium framed skylight hatch overhead. There are reading lights over berths, and overhead lights. 12 V outlet.

FORWARD TOILET

Located by the fwd cabin. It has pressurised water, a basin with Durant top, and a marine pump type head and shower, holding tank and a pumpout fitting on deck. Inside the door on the ceiling, there is a curtain rail of aluminium and curtain. Ceiling light. Storage behind and underneath basin. Finished in light laminate. On the ceiling there is an overhead hatch.

GUEST CABIN

This cabin is located on the port side of the yacht. It has a comfortable wide berth. There is an openable skylight hatch for light and ventilation. Full height wardrobe. Storage space under the berth.

AFT TOILET

The aft toilet is spacious. It has pressurised water, a basin with Durant top, and a handshower. The toilet is supplied with marine pump type head, Inside the door on the ceiling, there is a curtain rail of aluminium and curtain. Ceiling light. There is also one mirror and one openable window. The toilet is finished in light laminate.

GALLEY

Straight galley providing Durant faced counter space. The galley has a large double sink made of stainless steel. Two burner gimballed gas stove with an oven and flame guards. Gas installation; solid copper pipe, which is connected with flexible hose to gas bottle and stove. Shut off valve in the cabinet under the sink. Pressurised water system is provided. There is also a toploading refrigerator 100 l, which is driven by a 12 V compressor. Extensive cabinetry; drawers and lockers, cutting board, drawer for cutlery, a cabinet for foodstuffs with metal baskets, and one trash pail. The galley has also two opening hatches and a Dorade-vent to provide light and ventilation to this area.

PILOTHOUSE

This area distinguishes a Nauticat from all other vessels. The visibility is unimpaired to all directions through the aluminium framed safetyglass windows. From the pilothouse there is a companionway to the cockpit and there are also steps, which lead down to the owner's stateroom. Storage for charts. Ample storage on starboard side. Engine function instruments and navigation equipment are mounted conveniently in a contoured panel providing flush mounting of instruments. Above the helm a translucent, adjustable hatch is provided. There is also a chart light and overhead lights. All instruments are illuminated for night use. Access to the engine room through the pilothouse sole. An audible alarm indicating oil pressure and temperature malfunctions is fitted in the wheelhouse and at the outer steering station. Warning lamps inside for low oil pressure and high motor temperature. The large raised U-shaped settee accommodates six persons comfortably for dining or relaxing. The pilothouse has two overhead hatches, overhead lights and one red chart light. There is also space for an autopilot, a radar and other electronic equipment on starboard side. 12 V outlet.

OWNER'S STATEROOM

A wide double bunk dominates this space. On stb side there are a seat and a large lighted wardrobe. Storage located under the berth. The reading lights are above the bunk and overhead lights are situated on the ceiling. There are two openable windows in the cabin, a vent on the ceiling and a 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 roller.
Anchor box	One forward.
Bar locker	In pilothouse with bottle rack etc.
Batteries	2 × 180 Ah/12 V for service and 1 × 135 Ah for start.
Bilge pump	One automatic electric bilge pump with manual override. One manual bilge pump in pilothouse.
Boarding ladder	At stern.
Cleats	2 forward and 2 aft
Compass	Suunto D135, lighted, on cockpit pedestal
Depth sounder	Raymarine ST70 in cockpit
Electric outlets	12 V, in pilothouse, forecabin, aft cabin and cockpit
Emergency steering	Direct to rudder stock on aft deck.
Fairleads	2 forward and 2 aft
Fenders	4 fenders
Fire extinguishers	1 × 2 kg (4 lbs), 1 × 6 kg (13 lbs).
Fuel tanks	335 litres in two tanks. Deck filling.
Gas bottle locker	Ventilated storage for gas bottle inside the cockpit helmsman seat.
Padeyes	4 pcs for lifeline
Horn	Electric marine horn with push button inside and outside.
Instruments	1 tachometer 1 engine oil pressure gauge 1 water temperature gauge 1 engine hour meter 1 ampere and volt meter 2 fuel gauges 1 fresh water gauge
Lifebuoy	1 horseshoe type with holder
Life rails	Stainless steel stanchions, handrail of teak, with lifelines, gate on sb-side and aft.
Lights	Navigation lights, teaming and anchor lights according to international rules Flood lights Chart light in pilothouse Searchlight Overhead lights and reading lights at berths Indirect lights in pilothouse Lights in wardrobes
Locker for warps	In stern and under the cockpit seats.
Log	Raymarine ST70 speed and distance recorder, trip recorder in cockpit.
Mooring warps	4 × 15 m (4 × 49')
Navigation table	In pilothouse, storage space for charts.
Refrigeration	Approx. 100 l insulated box, cooled 12 V compressor.
Repair kit	Gelcoat in hull colour, 1 l.
Holding tank	Appr. 90 l emptying from deck or to sea.
Sink	Double sink in stainless steel in galley.
Stove	Propane gas stove with two burners and oven, el. ignition, flame guards, gimballed.
Switch board	Start/stop switch 1 signal horn push button 2 windshield wiper switches Warning signals for malfunction of engine oil pressure and engine temperatures (at both steering stations) 1 switch for pressurised water Switches for navigation and anchor lights All instruments are illuminated.
Toilet	Two marine pump type toilets.
Ventilation	The pilothouse is ventilated through alloy framed hatches. In galley, forward toilet, and forward cabin, alloy framed hatches. Dorade vents in the galley and the forward toilet.
Water pressure	Pressurised water in toilets and galley.
Water tank	440 litres in two polyethylene tanks.
Winch handles	1 × 8", 2 × 10" with lock
Windshield wipers	Two in front windows, sb and bb.

Nauticat Yachts tries to improve its products by using the latest techniques and equipment while still maintaining high standards. Therefore, it might be necessary to alter the specifications from time to time and Nauticat Yachts reserves the right to alter specifications without prior notice. The pictures may show options. 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 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 2009 over 2750 Nauticats have been launched in different parts of the world. In addition to the famous "Grand Old Lady", the Nauticat 331, the current range comprises the traditional motorsailers, Nauticat 38 and 441. Nauticat 321, 351, 37, 385, 42, 515 and 525 we call pilothouse sailing yachts.

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