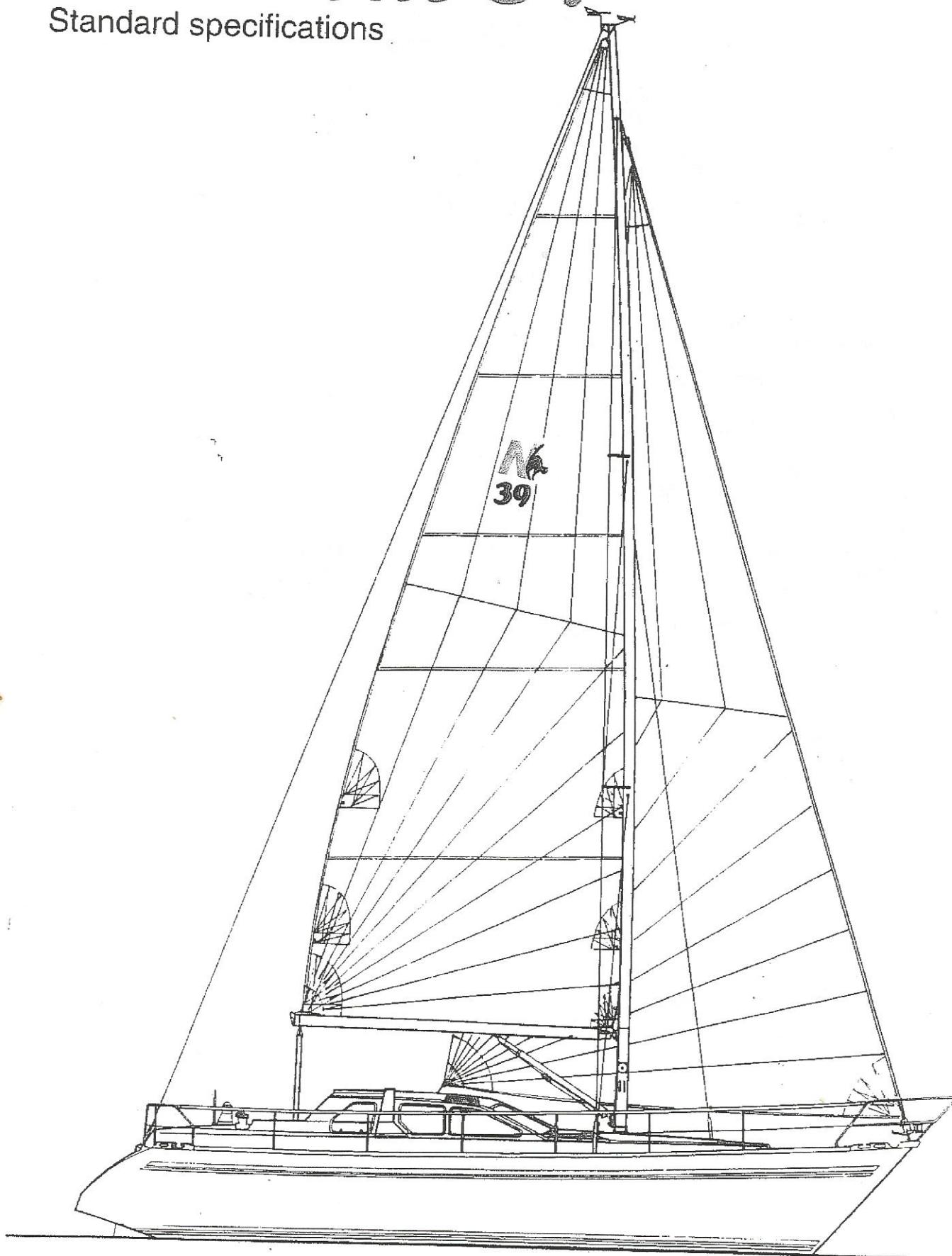


# *nauticat* 39

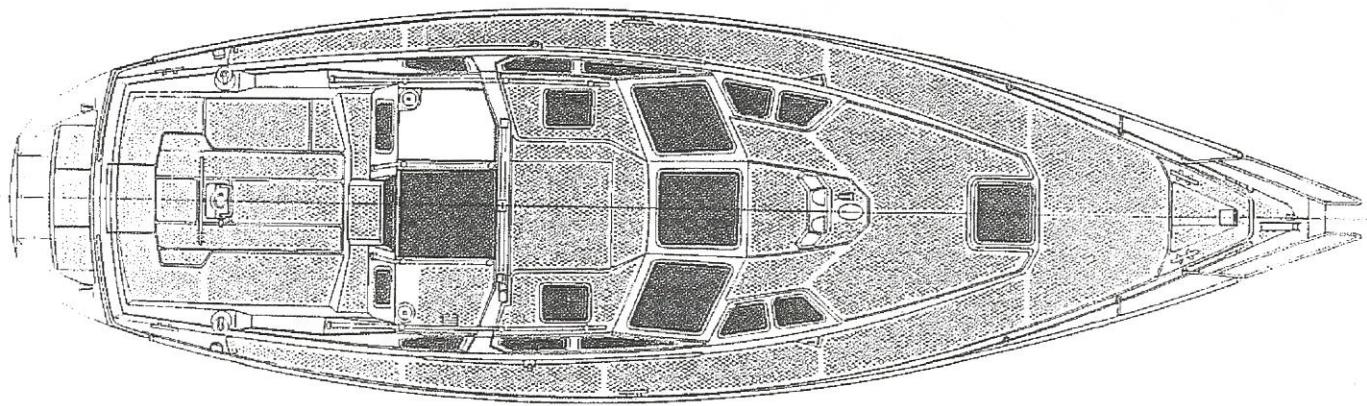
Standard specifications

November 1st, 1997

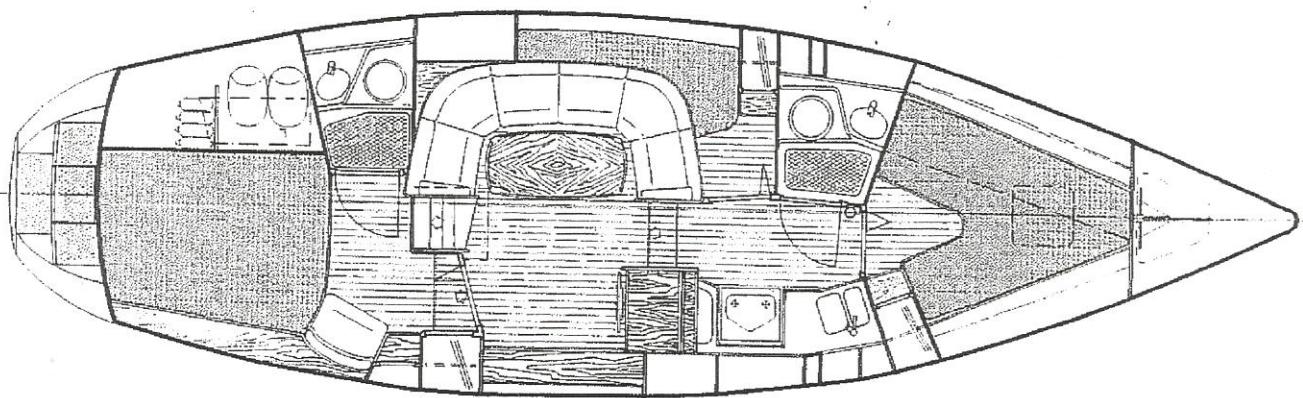


NAUTICAT 39 SLOOP

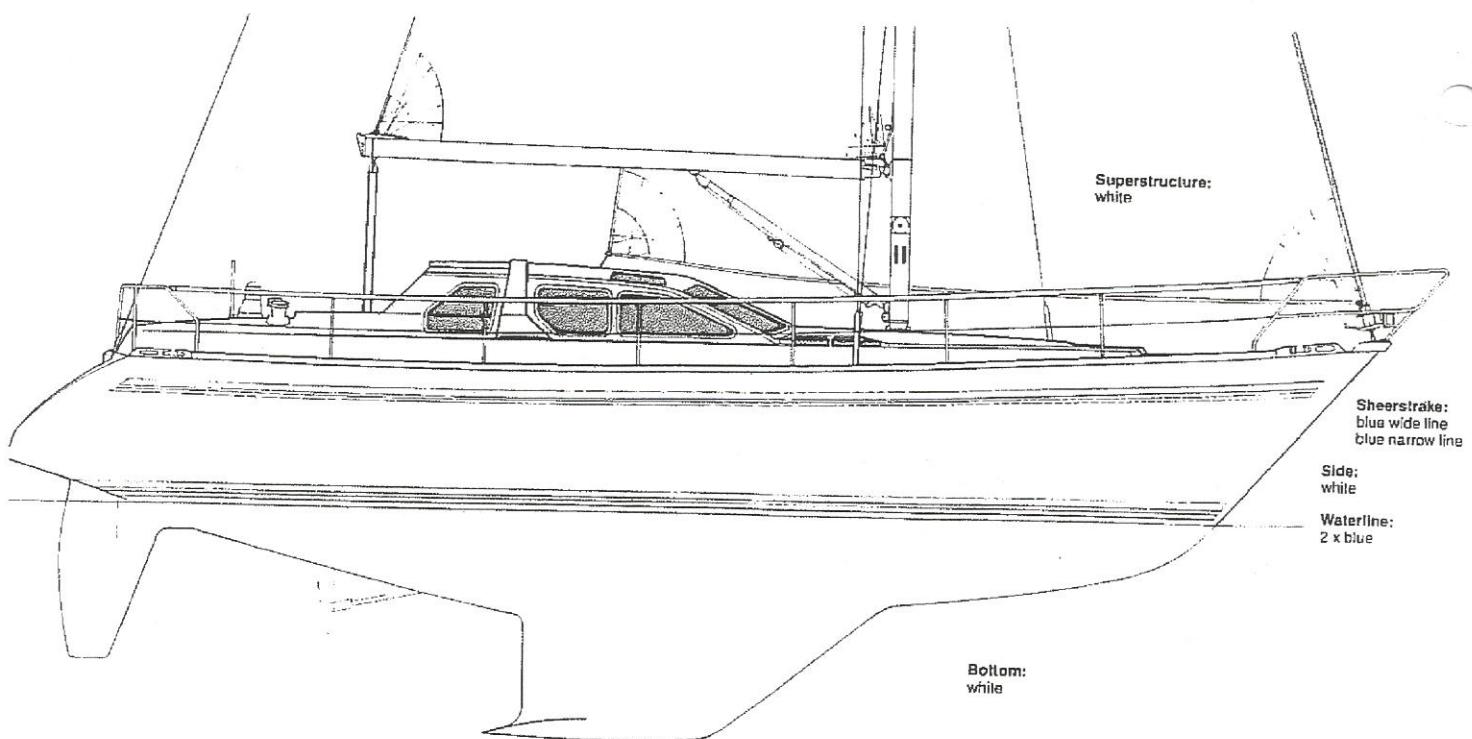
DECK LAYOUT



INTERIOR LAYOUT



STANDARD HULL COLORING



## NAUTICAT 39 PILOTHOUSE SAILBOAT STANDARD SPECIFICATIONS

L.O.A.	11,85 m
L.W.L.	9,80 m
Beam	3,50 m
Draft	1,90 m
Displacement, approx.	9,0 tn
Headroom	
- fore and aft cabin	1,86-2,28 m
- pilothouse and saloon	1,85-1,90 m
Ballasts approx.	3,0 tn
Fresh water capacity	440 l
Fuel capacity approx.	400 l
Height above waterline approx.	16,8 m
Speed under power, approx.	8 knots
Cruising range approx.	500 nautical miles
SAILS (all sails are optional)	
Total sail area (mainsail+ genoa 1)	79,6 m <sup>2</sup>
Main sail	34,7 m <sup>2</sup>
Genoa 1	41,4 m <sup>2</sup>
Jib	35,8 m <sup>2</sup>
Storm jib	9,7 m <sup>2</sup>
Spinnaker (Tri Radial)	98,0 m <sup>2</sup>
Gennaker	98,0 m <sup>2</sup>

Sails manufactured by North Sails.

Mast manufactured by Seldén Mast.

CE approved category A.

### ULL

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 3,0 tons. The ballast is secured to the hull with acidproof 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 fibreglass bottom framework.

### 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 guard rail on the Nauticat 39 is made of solid teak, which is mounted on stainless steel stanchions, that are equipped with lifelines. Boarding gates aft and starboard. Four solid fairleads and four heavy duty bollards/cleats (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 superstructure is fastened to the hull with an alloy toe rail, and the joining is made with acidproof steel bolts. The anchor box is situated in the bow. There is storage space under the transom step.

### ENGINE

Propulsion is provided by an Yanmar 4JH2-E (BSI stage II approved) marine diesel, 50 hp/ 3600 rpm. It has a mechanical transmission, with a reduction of 2.6:1. The engine is fresh water cooled. The shaft is made of acid-proof steel, ø 30 mm, swinging a 17" x 14" bronze propeller. Parts below waterline are protected with corrosion anodes. Fuel tanks are located on both sides of the engine room, and they carry approx. 400 l diesel fuel. The fills 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 well soundinsulated engine room.

### PLUMBING

All through hull fittings below waterline are equipped with seacock. The fresh water system includes two tanks with a total capacity of 440 l. Both tanks are independently deck filled with a crossover valve in the galley. The water tanks are situated under the pilothouse sole. Both tanks have filters. A pressure system supplies toilets, galley and shower facilities. There are basins and handshowers in both toilets. The toilets are supplied with marine pump type heads and a septic tank with a pumpout fitting on deck. The Nauticat 39 is equipped with one automatic, electric bilge pump with manual override and one manual bilge pump in cockpit.

### STEERING

Two independent steering systems are employed in parallel. At cockpit helm station there is a Whitlock Premiere mechanical steering and at the inside helm position a hydraulic 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 x 135 Ah and 2 x 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 consumers with lights positioned throughout the vessel. This includes an flexible arm chart light and reading lights at berths. All wardrobes have lights. Running lights according to international standards.

### SPARS AND RIGGING

The Nauticat 39 is rigged as a sloop. Seldén manufactures the silver anodized aluminium boom and mast. The mast has internal halyards and it is sound-proof. The boom is equipped with a gas filled Rod-kick boomvang. Double spreader configuration. The mast is deck stepped and has a stainless steel support to the keel. The mast has one line slab reefing with internal reef lines. Steaming light, anchor light and deck flood light on the mast.

#### Mast halyard winches:

- 2 x Andersen 16 ST, 2-speed

#### Mast reefing winch:

- 1 x Andersen 91

#### Standing rigging:

- 1 x 19 ø 6-8 mm, stainless steel wire

#### Running rigging:

- Internal halyards 7 x 13 of stainless steel with rope tails
- Sheets of rope ø 14 mm

#### Sheet winches:

- Fore sail: 2 x Lewmar 48 ST, main sail Lewmar 16 ST

#### 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 with teak trim. Cabin sole is made of teak faced marine plywood with light wood striping and varnished finish. There is wall-to-wall carpentry in pilothouse. A large selection of fabrics for curtains and upholstery available as standard. Wheelhouse curtains are not included. Toilet floors are made of mosaic tiles. The toilets have floor drains.

### FORECABIN

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

### FORWARD TOILET

Located by the fwd cabin. It has pressure water, a basin, and a marine pump type head and shower. Inside the door on the ceiling, there is a curtain rail of aluminium. Ceiling light and a 12 V outlet. Storage behind and underneath of basin. Finished in light laminate, and the lower part is made of fibreglass modules. On the ceiling there is an overhead hatch and a Dorade-vent.

### GUEST CABIN

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

### AFT TOILET

The aft toilet is spacious. It has pressure water, a basin, and a handshower. The toilet is supplied with marine pump type head, septic tank and a pumpout fitting on deck. Inside the door on the ceiling, there is a curtain rail of aluminium. Ceiling light and a 12 V outlet. There is also one mirror and one openable window. The toilet is finished in light laminate.

### GALLEY

Straight galley providing Duran faced counter space. The galley has a large double sink made of steel. Two burner gimballed gas stove with an oven and flame guards. Gas installation: solid cop-

per pipe, which is flexible to gas bottle and stove. Shut off valve in the cabinet under the sink. Pressure water system is provided. There is also a top-loading 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 five metal pin drawers, and one trash pail. The galley has also an opening hatch 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. The helm station to starboard includes a large chart table with chart storage beneath the hinged top. 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. The switchboard includes fuses and one switch for the signal horn. There is also a chart light and one overhead light. 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 wheelhouse and at outer steering station. The large raised U-shaped settee accommodates six persons comfortably for dining or relaxing. Storage under the settee. The pilothouse has an overhead adjustable hatch with an alloy frame, one overhead light and one red chart light. There is also space for an autopilot, a radar and other electronical equipment on starboard side. Possibility for a wetlocker on SB-side.

#### OWNER'S STATEROOM

This space is dominated by a wide double bunk on port side. On sb-side there is a settee and a large lighted wardrobe. Drawers and storage are located under the berth. There are shelves beside the bed. Cabinets are located on starboard side. The reading lights are above the bunk and an overhead light is situated on the ceiling. Full-length mirror. There is one door, leading to the aft toilet and, one door leading to the pilothouse. There are three windows in the cabin, of which two are openable. The cabin also has one vent.

#### EQUIPMENT

Anchor and warps	1 x 20 kg ploughanchor, 1 x 12 kg Danforth type anchor, 5 m chain, 2 x 50 m polypropylene warps. Aluminium bow roll.
Anchor box	One forward. Storage with drainage for gas bottle. Aft anchor fitted in the storage in the stern.
Bar locker	In pilothouse with rack bottles etc.
Batteries	2 x 180 Ah/12 V for service and 1 x 120 Ah for start.
Bilge pump	One automatic electric bilge pump with manual override. One manual bilge pump in pilothouse.
Boarding ladder	At stern.
Chocks	2 forward and 2 aft
Cleats	2 forward and 2 aft
Compass	Suunto D135, lighted, on cockpit pedestal
Depth sounder	Autohelm ST50
Electric outlets	12 V, in both toilets, pilothouse and cockpit
Emergency steering	Direct to rudder stock.
Fenders	4 fenders
Fire extinguishers	1 x 2 kg, 1 x 6 kg.
Fuel tanks	400 litres in two tanks. Deck filling.
Hooks	4 pcs for lifeline
Horn	Electric marine horn
Instruments	1 tachometer 1 engine oil pressure gauge 1 water temperature gauge 1 engine hour meter 1 ampere meter 1 volt meter 2 fuel gauges 2 horseshoe type with holders
Lifebuoys	

Life rails	Stainless steel stanchions, handrail of teak, with lifelines, gate on sb-side.
Lights	Navigation, steaming and anchor lights according to international rules
	Flood lights
	Chart light in pilothouse
	Searchlight
	Overhead lights and reading lights at berths
	Indirect lights in galley
Log	Lights in wardrobes
Mooring warps	Autohelm ST 50 speed and distance recorder, trip recorder.
Navigation table	4 x 15 m
Refrigeration	In pilothouse, storage space for charts.
Repair kit	In cockpit chart table with plexiglass cover.
Septic tank	Approx. 100 l insulated box, cooled 12 V compressor
Sink	Gelcoat in hull color, 1 l.
Stove	Emptying from deck or to sea.
Switch board	Double sink in stainless steel in galley.
	Propane gas stove with two burners and oven, flame guards, gimballed
	Start/stop switch
	1 signal horn switch
	3 windshield wiper switches
	Warning signals for malfunction of engine oil pressure and engine temperatures (at both steering stations)
	1 switch for pressure water
Toilets	Switches for navigation and anchor lights
Ventilation	All instruments are illuminated.
	One forward, one aft, the both are marine pump type toilets.
Water pressure	The pilothouse is ventilated through alloy framed hatches and through openable windows to port and starboard. In galley, forward toilet, guest cabin and forward cabin, alloy framed hatches. Openable window in aft toilet. Dorade vents in the galley and the forward toilet.
Water tank	Pressure water in toilets and galley.
Wash basin	440 litres in two polyethylene tanks, three way valve.
Winch handles	In both toilets.
Windshield wipers	1 x 8", 2 x 10" with lock Two in front windows

Siltala Yachts tries to improve its products by using latest techniques and equipment while still maintaining the high standards. Therefore, it might be necessary to alter the specifications from time to time and Siltala Yachts reserves the right to alter specifications without prior notice. The pictures may show options. See also your dearer's additional specifications as variations appear due to national safety rules. All dimensions mentioned in this specification are approximate.

Siltala Yachts has during its existence evolved to one of the leading boatyards building traditional motorsailers and pilothouse sailboats. At the end of the year 1997 over 2450 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 44. The sloops Nauticat 32, 35, 39, 42 and 515 with emphasis on performance under sail can be called pilothouse sailboats. Nauticat 43 and 521 are classed as genuine ocean going yachts.



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Rigging Dimensions.

I	15.25m	50.04'	P	13.63m	44.72'
J	3.95m	12.96'	E	4.42m	14.50'