



Nauticat 441

Traditional motorsailers

Nauticat 441

Standart specifications

L.O.A. without bowsprit	13,65 m / 44'9" ft
L.O.A., with bowsprit	14,79 m / 48'6" ft
L.W.L.	11,25 m / 36'11" ft
Beam	3,75 m / 12'3" ft
Draft	1,90 m / 6'3" ft
Freeboard, fore	1,70 m / 5'7" ft
Freeboard, aft	1,55 m / 5' ft
Displacement	16,50 tons / 37400 lbs
Headroom	
- fore and aft cabin	1,81-1,93 m / 5'11" - 6'4" ft
- pilothouse and saloon	1,93-1,96 m / 6'4" - 6'5" ft
Ballast, approx.	5,50 tons / 12100 lbs
Fresh water capacity, approx.	620 l / 136 gal. UK
Fuel capacity	840 l / 185 gal. UK
Height above waterline, approx.	17,50 m / 57'5" ft
Speed under power, approx.	9 knots
Cruising range, approx.	840 nautical miles

CE class B

Sails (all sails are optional)

	Sail area
A = Ketch rigged without bowsprit	86,1 m ²
B = Ketch rigged with bowsprit	95,1 m ²
C = Ketch rigged with bowsprit and double (cutter) headsails	114,0 m ²
Main sail (A+B+C)	32,3 m ²
Mizzen (A+B+C)	13,4 m ²
Genoa I (B+C)	59,3 m ²
Genoa II (B+C)	49,4 m ²
Genoa II (A)	40,4 m ²
Jib, self-tacking (C)	18,9 m ²
Storm jib (A+B+C)	13,5 m ²
Spinnaker (A+B+C)	119,0 m ²
Cruising spinnaker (A+B+C)	123,0 m ²





HULL

GRP hull single skin, all handlaminated. Longitudinal stringers and transverse floor members as appropriate. All structural bulkheads are teak faced marine plywood securely bonded to the hull. Iron/lead ballast keel of 5,5 tons, is fitted internally and encapsulated with single skin GRP. Draft 1,90 m. Engine bed of GRP with steel insert.

DECK AND SUPERSTRUCTURE

The deck and superstructure are of 100 % hand laminated GRP construction. Non-skid deck surface. Handrail is made of teak with stainless steel stanchions. Windows are of toughened safetyglass suspended in alloy frames. Boarding gates aft and starboard. Four heavy duty chocks and four cleats. Stainless steel stemhead fitting. Rubbing strake of teak. Anchor box forward. The cockpit is formed as a huge U-shaped bench with lockers all around. The genoa winches are in the front of the bench. Stainless steel backrests with cushions.

ENGINE

The engine is a fresh water cooled Yanmar 4LHA-HTP diesel engine developing 160 hp at 3000 rpm. ZF45A hydraulic gear box provides 2.43:1 reduction. Acid-proof propeller shaft Ø40 mm, bronze propeller 23" x 18"R. Cathodic protection is fitted on all underwater fittings. 840 ltr of diesel fuel is carried in two steel tanks, one each side of the engine room. The tanks are filled from sidedeck fillers and equipped with a separate handpump for taking out the dirt. Space reserved for generator installation. Cruising range approx. 840 nautical miles.

PLUMBING

All through hull fittings below waterline with bronze seacocks. Fresh water: 620 ltr. Stainless steel freshwater tank is fitted under the main saloon sole. The tank is fitted with necessary venting. Pressurised water system. Tubing in rigid polyethen. Stainless steel double sink in galley, washbasins and handshowers in toilets. Both toilet compartments are supplied with marine pump type heads. Holding tank appr. 90 l with pumpout fitting on deck is fitted for the fwd head. Automatic electric bilge pump and manual bilgepump.

STEERING

Dual steering stations, one in wheelhouse and one on aft deck. Turnover rate of the inner wheel adjustable, normally 3-6 turns from lock to lock. Rudder of GRP, rudder stock of acid-proof steel, emergency steering by way of a tiller connected directly to the rudder stock.

ELECTRICAL SYSTEM

Ship's service is by way of a 12 V D.C. system employing 3 heavy duty lead acid batteries, two of 220 Ah for service and one of 180 Ah for start. A master switch for start and service battery. The charging system employs a 12 V/80 A alternator and a relay for parallel connection during engine-running. Circuit breakers. Lighting throughout the yacht as needed. Running lights to international standards.

SPARS AND RIGGING

Silver anodised aluminium alloy spars with internal halyards and elliptical formed spreaders. Main mast boom equipped with Rodkick boomvang. Main and mizzen masts stepped on deck. Main mast is fitted with anchor, masthead and flood lights. Mizzen mast is fitted with flood lights and flag staff.

Main mast halyards winches:

- 2 x Andersen 28 ST 2-speed
- 1 x Andersen 12

Mizzen mast halyard:

- 1 x Andersen 10

Mizzen mast reefing:

- 1 x Andersen 10

Standing rigging

- Main mast, 1 x 19 Ø 8-10 mm, stainless steel wire
- Mizzen mast, 1 x 19, Ø 6 mm, stainless steel wire

Running rigging:

- Internal halyards of stainless steel 7 x 19, with ropetails
- Sheets of rope Ø 14 mm

Sheetwinches:

- Fore sail: 2 x Harken B60.2STA
 - Main sail: 2 x Harken 46.2STA
- Chain plates and turnbuckles are of acid-proof steel.

STANDARD INTERIOR

All interior joinery is of satin varnished teak or teak faced marine plywood, except the surfaces of the galley and toilet compartments. Upholstery and curtains throughout are available in a variety of standard combinations. The floorboards are of teak faced plywood with wood striping and varnished finish. Wall-to-wall carpeting in pilothouse. Toilets and shower room floors are of mosaic tiles.

STANDARD FORECABIN

Two berths. Shelves and reading lights above the berths and storage space underneath. Aluminium alloy framed hatch to provide light and ventilation. Wardrobe with hanging pole and shelves. 12 V outlet.

STANDARD FORWARD TOILET

The forward head is located by the fwd cabin and contains pressurised water, basin, handshower, shower curtain and 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. Storage behind and underneath of basin. Finished in light laminate. One Dorade vent.

STANDARD AFT TOILET

In spacious aft head, pressurised water and basin. The toilet is supplied with marine pump type head, Ceiling light. Mirror, handshower and opening port and curtain. Inside the door on the ceiling there is a curtain rail of aluminium.

STANDARD SALOON / GALLEY

Dinette for up to eight persons, the table can be lowered to form a generous double berth. On port side a barlocker with a bottle rack, mirror in the rear and the barlocker doors have tin coating (cross-shaped). Space for radio and TV. Bookshelf. Storage beneath the settee. On starboard side a long settee with a shelf above and lockers. Pentry/galley, forward of dinette, is fitted with stainless steel double sink, two burner gas stove with oven (gimballed). Burners and oven have flame guards. Gas installation: one-piece copper pipe, flexible tubes at bottle, shutoff valves at stove. 100 l top loading 12 V compressor driven refrigerator. Plenty of working space of Durant surface, several drawers, shelves and lockers. Cutting board. Drawers for silverware. Trash pail. One Dorade vent and four aluminium framed hatches on deck to provide light and ventilation to this area.

PILOTHOUSE

The visibility is unimpaired to all directions through the aluminium framed safety glass windows. Steering position with instrumentation, echo sounder, log and engine instruments. L-shaped settee and table. Large navigation/chart table for full size charts, chart stowage under the lid. Switchboard next to chart table. Locker for handbooks etc. All instruments are illuminated. Chart light and head lights. Plenty of stowage, tools, life vests etc. under the deck. Two opening deck hatches. Two large sliding doors. Fire extinguisher. 12 V outlet.

AFT CABIN

The owner's cabin contains a large double berth, tall lighted hanging locker. Head light and reading lights. Plenty of storage in lockers. Four openable hull windows make the cabin light and spacious. Two fixed windows at the stern. Hatch at aft. 12 V outlet.



EQUIPMENT

Anchors and warps	1 × 35 kg (77 lbs) anchor, 1 × 20 kg (44 lbs) anchor. 5 m (16') chain, 2 × 50 m (2 × 164') warps.
Anchor box	One forward
Bar locker	In saloon with bottle rack etc. Mirror in the rear.
Batteries	2 × 220 Ah for service and 1 × 180 Ah for start.
Bilge pump	Manual and automatic electric bilge pump.
Boarding ladder	At stern
Cleats	2 forward and 2 aft
Compass	Suunto C95, lighted or corresponding
Depth sounder	Raymarine ST70
Electric outlets	12 V, in fwd cabin, aft cabin, wheelhouse and cockpit
Emergency steering	Direct to rudder stock
Fairleads	Anodised alloy fairleads, 2 forward and 2 aft.
Fenders	4 fenders
Fire extinguishers	1 × 2 kg (4 lbs), 1 × 6 kg (13 lbs)
Gas storage	Storage with drainage for gas bottle starboard under step to aft deck.
Holding tank	Appr. 90 l with emptying from deck or to sea with el. pump.
Deckeyes	6 pcs for lifeline.
Horn	Electric marine horn with push button inside and outside
Instruments	Tachometer, Engine oil pressure gauge, Water temperature gauge, Engine hour meter, Ampere meter, Volt meter, 2 Fuel gauges,
Lifebuoy	1 horseshoe type
Life rails	Stainless steel stanchions, handrail of teak, gate on aft and starboard
Lights	Led-navigation and anchor lights according to international rules, Flood lights, 2 pcs, Chart light in pilothouse, Searchlight, Lights in all cabins, Reading lights at berths, Indirect lights in galley and saloon
Log	Raymarine ST70 speed and distance recorder, trip recorder.



Mooring warps	4 × 15 m (4 × 49')
Navigation table	In pilothouse, storage space for charts
Refrigeration	Approx. 100 l insulated box, cooled by electric 12 V compressor
Repair kit	Gelcoat in hull color, 1 l, and set of spares.
Sink	Stainless steel double sink in galley
Stove	Propane gas stove with two burners and oven, flame guards, gimbaled
Switch board	Start/stop switch, Signal horn push button on aft deck, 3 windshield wiper switches, Warning light for charging, Warning signal and light for malfunction of engine temperature and oil pressure (at both steering stations), Switch for pressurised 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 openable roof hatches and sliding doors. Galley, saloon, aft cabin and fwd cabin are provided with hatches. Openable portholes in aft cabin. Two Dorade vents in saloon and head.
Pressurised water	Pressurised water in galley and toilets
Water tank	620 litres in stainless steel tank
Wash basin	In forward and aft toilets
Winch handles	1 × 8", 2 × 10" with lock
Windshield wipers	Three in front windows



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Visit our web-site

+371 6755 8500

info@nauticat.com

Dzērbenes 14, Riga, Latvia-1006

Your dealer: