

Specifications ARCONA 410

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LOA 12,20 m	Mainsail 57 m ²	I = 16,6 m	Water 220 L
LWL 11,20 m	Genoa 107% 45 m ²	J = 4,55 m	Fuel 180 L
Beam 3,90 m	Spinnaker 148 m ²	E = 5,85 m	Holding 75 L
Draft 2,0/2,25/2.50 m	Engine Yanmar 3JH5 39 hk 3 cyl	P = 16,2 m	
Displacement 7,8 t	Saildrive SD 50	LP = 4,92 (107%)	
Mastheight 19,8 m			

CE certification

The Arcona 410 is built to comply with the highest CE Category (A ocean) standards.

Hull and deck

Hull and deck built in a sandwich construction with multiaxial glass fibre reinforced vinylester, the core material is 20 mm Divinycell. Solid laminate used for rudder, engine bed, keel attachment, all through-hull and other fittings. Vacuum bagged laminate to hull and deck for maximum control of laminate thickness and glass fibre content. White hull and deck are standard with two inserted dark blue waterlines and racing stripe. The deck is glued to the hull with vinylester glue for maximum strength and rigidity.

Bulkhead and cabins

Construction of Arcona boats is highly advanced. We don't believe in cutting corners. Instead of using inner liners, we laminate bulkheads and berth fronts to hull and deck, providing unsurpassed strength and torsion stability.

Structural Bulkhead

The Arcona 430 has all structural bulkheads laminated to the hull and deck. A centrally placed steel girder bolted to the main bulkhead and to laminated glass fibre stringers efficiently takes up the loads from the keel and rig.

Keel

The keel is an antimony hardened lead bulb bolted to a cast-iron fin, to obtain the lowest possible centre of gravity. Steel blade protected from rust by a layer of glass fibre faired to a smooth finish.

Rudder

The rudder is made of glass fibre with multiaxial roving, filled with polyurethane foam; rudder stock of solid water-resistant aluminium tapered at both ends for weight saving and laminated into the rudder. Self-aligning roller bearings to minimise friction; the rudder is also supported axially by ball bearings.

Steering

Arcona 410 is fitted with 2 steering pedestals with cable steering for optimal responsiveness and feel. Rudder quadrant made of aluminium bolted to the rudder stock. Emergency tiller mount on top of rudder stock. Stainless wheels with diameter 0,9m. Steering pedestals with stainless guard and room for chartplotters.

Deck

Deck equipment includes: Harken 2 x 50 AST primary winches, 2 x 46 AST halyard winches. (AST = aluminium, self tailing) 12 x Spinlock XCS rope clutches, 2 x 6-sheave 60 mm halyard organizers. Genoa tracks from Seldén with adjustable traveller equipped with recirculating torlon ball package pulled into cockpit. Mainsheet track and traveller fitted with recirculating torlon ball package; mainsheet within easy reach of crewman or helmsman. 4 x stainless steel 350 mm mooring cleats and 2 x 300 mm midship mooring cleats. Toe rail in teak, bolted to deck and hull. Reversed bow pulpit for easy boarding, fitted with red/green LED navigation light. Split push pit with LED navigation light and flagpole mount. 10 stanchions, 610 mm high, mounted on robust bases bolted to hull and deck, double lifelines 19 ply wire with turnbuckles. Quick release wire gateway between push pits. Chain plates, stainless steel forestay fitting and recessed Furlex headsail roller. Backstay attachment bolted to hull and deck in transom. Anchor well on the foredeck and large sail locker astern.

Cockpit

Spacious cockpit with integrated bathing platform has two aft storage lockers with room for anchor, lines, fender etc. Under the floor between the stern lockers is another spacious storage locker for life raft, etc. Foldable foot chocks. At the front edge of the coming toward the cabin are two compartments that elegantly hide all halyards and trim lines.

Hatches and portlights

Lewmar (or similar) hatches and port lights in silver anodised aluminium with smoke-coloured glass. Over the forepeak 1 flush deck hatch 600 x 600 mm; over the saloon 1 flush hatch 600 x 600 mm. In the head 1 porthole, 191x645, and above the galley 1 porthole 191x645, in front of these 2 fixed windows on each side. In both aft cabins 1 porthole 176x323, against the rear of the cabin and 1 pc 191x645 in the cockpit side. Blind with mosquito netting to forepeak hatch. In the hull there are 4 recessed windows 2 facing the saloon and 2 facing the aft cabins. Sliding hatch with teak handle in smoke Perspex over companionway. Companionway hatch, also in smoke Perspex, is divided in two with storage close to companionway.

Sprayhood and sail cover

Robust dark blue canvas sprayhood mounted on 3-arched stainless steel frame which when folded elegantly stores in its own "garage" in the coach roof. Mainsail cover in dark blue canvas.

Mooring equipment

Galvanized 15 kg Bruce-type anchor including 45 m line. Four 8 m x 14 mm mooring lines and 6 fenders 250 x 650 mm.

Mast and rig

Seldén mast and rig with tapered masthead, two pair of spreaders. Mast equipped with Windex, running lights, deck lighting and spinnaker boom track.

Boom with internal single line reef and outhaul. Rodkick with gas spring, all tackle led to cockpit.

Standing rigging is discontinued wire (19-ply profiled wire for minimum stretch) with bronze turnbuckles.

Backstay adjusted with multiblock 48-1 backstay tensioner.

Running rig: 1 main halyard and 1 jib halyard, both of 10mm Spectra.

Mast prepared for duplication of all halyards with blocks at outlets and pilot lines. All halyards and sheets conveniently stored in integral halyard bins in front edge of cockpit coaming.

Furlex jib furling system

The Arcona 410 is equipped with the Furlex 300 TD jib furling system, with the drum placed below deck and furling line led to the cockpit.

Halyards, sheets and reefing lines

All halyards, sheets and reefing lines are led via channels under the coach roof.

Blocks

All blocks made by Seldén or of comparable quality.

Engine

The Arcona 410 is equipped with a Yanmar 3 JH5 CE / 50 SD

39 HK 3-cylinder diesel engine. Saildrive mounted with flexible rubber engine mounts in a heavily sound-insulated engine compartment.

2-blade folding propeller, single lever controls and control panel with tachometer and lights as well as warning buzzers for low oil pressure, generator malfunction and high engine temperature.

Fuel tank

The Arcona 410 has a stainless steel 180-liter fuel tank with gauge, shut-off valves and fuel filter, tank mounted under SB saloon settee.

Heating, Water, Sanitation

Fresh water system with hot and cold pressurised water system, about 220-litre stainless steel water tank fitted with gauge, mounted under port saloon settee.

Single lever faucet in galley and heads.

The 25-liter water heater is heated via the engine's coolant system or through an immersion heater that runs automatically when shore power is connected.

Holding tank

75 liter stainless holding tank mounted behind the wash basin. The tank empties by gravity through a sea cock or via a deck fitting.

Shower pumps

Shower drains with a special drain pump.

Bilge pumps

1 manual bilge pump mounted in cockpit and 1 electric, both with intake in the keelson.

Electrical installations

12 volt system. Control panel in navigation station with switches and automatic fuses, voltmeter for service battery bank, fuel gauge and water gauge, 12 V outlet. Wherever possible cables are drawn through conduits and cable organisers.

Batteries

1 x 12 V 70 AH ignition battery, 2 x 70 AH batteries for general use mounted in box and aired via separate conduit.

Lighting

Ceiling lighting in saloon, cabins and in heads consists of recessed spotlights, below deck in saloon more spotlights with dimmer in the navigation station to provide atmospheric saloon lighting, all LED. All cabins are equipped with roof lamps and two bulkhead-mounted reading lamps.

Navigation Lights

Internationally approved navigation lights, one starboard and one port lantern LED, mounted on bow pulpit, stern light LED mounted on stern pulpit and engine running lights on the mast. Mast is also equipped with deck lighting and is prepared for additional lights, type 3 colour and anchor lights. A 130mm illuminated compass is mounted on the instrument panel at the companionway.

Interior

Interior of selected mahogany, varnished to a high-gloss satin finish. Laminated mouldings, door frames and stairs; varnished teak soles. Hatches in soles for easy bilge access. All ceilings in white vinyl with mahogany trim, sides in mahogany trim.

Galley to port at an angle, Spacious and efficient with plenty of lockers and drawers. White laminate counter, two deep stainless steel sinks, 2-burner stainless steel stove with oven. Single lever faucet with hot and cold water. Fridge with two lockers and 3 baskets for easy storage.

Navigation station to starboard, forward of the aft head. Spacious navigation station with large table containing drawer for charts. Above the table is a custom designed control panel (see section on electrical equipment) and large curved mahogany panel with space for TV or other screen. Panel can be turned towards the saloon for TV access from settee. Seat aft from table, drawers under.

Head is spacious with interior in plastic for easy cleaning, white laminate countertop and stainless steel sink. Marine toilet with 75-liter stainless steel holding tank, drain in hull and on deck.. Single lever faucet with pullout spray for sink and shower with hot and cold water. Wet hanging locker.

Saloon is traditional in style, with settees opposite one another. U-shaped settee to port, double drop-leaf table with integrated drawers for bottles and glasses., settee to starboard.
Shelves above the settees and above these, locker and bookshelf, same on both sides.

Owners cabin is a generous forward cabin with a double berth where you can sleep with your head at the forward for easy access in and out of the berth. To starboard, a double hanging locker, to port locker with shelves, seats with stowage.

Port aft cabin with large double berth, shelf above the berth and a double wardrobe with shelves and a hanging locker., small table and stowage under the berth.

SB aft cabin with berth as on port, wardrobe for hanging clothes. Small table and stowage under the berth.

Cushions

Cushions manufactured in high-quality polyether of variable density suitable for settees and berths. Cushions come standard with high-quality upholstery; the collection features a number of colours. Upgrades available to other fabrics, leather or alcantara, for some or all cushions, at an additional cost.

Other Equipment

3 x 2-kg fire extinguishers, 1 fire blanket and fire port in the engine compartment. Flag and flagpole. Spray-hood and mainsail cover in dark blue canvas.

Arcona Yachts AB reserves the right to alter the design, price or equipment without any advance notice.
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