

Specifications ARCONA 465

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LOA	14,09 m	Mainsail	74,7 m ²
LWL	13,25 m	Genoa 3	61,18 m ²
Beam	4,24 m		
Draft	2,15 / 2.50,2,80 m	Engine	Yanmar 80 hp
Displacement	9 550kg		

CE certification

The Arcona 465 is built to comply with the highest CE Category (A ocean) standards.

Hull and deck

Hull and deck of sandwich construction of carbon fibre reinforced vinylester with a 20 mm core of 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 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 winylester glue.

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 465 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 T-shaped 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 carbon fibre, filled with polyurethane foam; rudder stock of solid water-resistant aluminium laminated into the rudder. Self-aligning roller bearings to minimise friction; the rudder is also supported axially by ball bearings.

Steering

Arcona 465 is fitted with twin carbon wheels and cable steering for optimal responsiveness and feel., rudder quadrant mounted on rudder stock. Emergency tiller mount on top of rudder stock. 2 steering pedestals equipped with sturdy stainless steel pedestal guards, room for a 12" plotter on each guard.

Deck

Deck equipment from Harken includes 2 x 60 AST jib winches, 2 x 50 AST halyard winches and 2 x 50 AST mainsheet winches. (AST = aluminium, self tailing) 12 x Spinlock rope clutches, 2 x 6-sheave 60 mm halyard organizers. Genoa tracks with adjustable travellers fitted with recirculating torlon balls 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 navigation light. Split stern pulpit with navigation light and flagpole mount. 10 stanchions, 610 mm high, mounted on robust bases bolted to hullside, double lifelines 19 ply wire with turnbuckles. Quick release wire gateway between split stern pulpits. Stainless steel chain plates bolted to the gunwale Stainless steel forestay fitting bolted to the bow Anchor fitting for a 20 kg. Anchor in the bow. Backstay attachment bolted to hull and deck in transom. Anchor well on the foredeck and a large sailstowage on the fore deck.

Cockpit

The spacious cockpit with integrated bathing platform has two aft storage lockers with room for life raft, anchor, lines, inflatable boat, outboard motor, etc. In the comings open lockers and at the front end are two compartments that elegantly hide all halyards. Cockpit coaming, aft deck and sole in teak. Bathing platform equipped with a foldable, ss ladder.

Hatches and portlights

Lewmar or similar hatches and portlights in silver anodised aluminium with smoke-coloured glass. Over the forepeak 1 flush deck hatch 620 x 620mm; over the forward head 1 flush hatch 520 x 400 mm; and over the saloon 2 flush hatches 620 x 620 mm. In the aft head 1 SZ 4 porthole, 191x645, and above the navigation table 1 SZ 4 porthole. In side of cabin over saloon and galley 4 fixed custom window vents in aluminium frames. In the two aft cabins 1 SZ 0 porthole, 176x323, against the rear of the cabin and also 1 SZ 4 in the cockpit side in each cabin. shade with mosquito netting for forepeak hatch. Mosquito netting for all portholes. In the hull there are 6 recessed windows 2 facing the forepeak, 2 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 permanently mounted in guides that extend down into a storage pocket below cabin sole level; the hatch does not have to be removed and stored elsewhere – just slide it down into its own pocket.

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

In the anchor locker on the foredeck electric windlass, 20 kg. Galvanized Bruce type anchor with 40 m. of 8 mm. Chain. Galvanized 20 kg Bruce-type anchor including 45 m line. Four 10 m x 18 mm mooring lines and 6 fenders 250 x 800 mm.

Mast and rig

Seldén mast and rig with tapered masthead, two spreaders. Mast equipped with Windex, running lights, deck lighting, spinnaker boom track and Furlex 300 jib furling system.

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

Standing rigging is discontinued rod rigging with bronze turnbuckles. Backstay adjusted with hydraulic backstay tensioner.

Running rig: 1 main halyard, 1 jib halyard and 1 spinnaker halyard, all of 12mm 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 465 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. The German mainsheet system is led through channels below deck to the cockpit.

Blocks

All blocks made by Selden or of comparable quality.

Engine

The Arcona 465 is equipped with a Yanmar 4 JH 57 . 57 HP 4-cylinder common rail diesel engine with saildrive SD 60 mounted on flexible rubber engine mounts in a heavily sound-insulated engine compartment.

3-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 465 has a stainless steel 240-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 320-litre stainless steel water tank fitted with gauge, mounted under port saloon settee.

Single lever faucet in galley and in both heads. Heads also features separate shower mixers.

The 40-liter water heater is heated via the engine's coolant system or through an immersion heater that runs automatically when shore power is connected.

Shower pumps

Both showers drain into a grey water tank with a separate 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, status instrument for the 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 AGM-type ignition battery, 3 x 105 AH AGM-type batteries for general use mounted in box and aired via separate conduit.

Shore power

230 V stainless steel intake with tightly sealing cover mounted in cockpit, 20 m cable for shore hook-up. Shore power panel with earth fault breaker, main power switch and outlets mounted in navigation station. Water heater and battery charger outlets.

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 cabins are equipped with roof lamps and two bulkhead-mounted reading lamps.

Navigation Lights

Internationally approved navigation lights, ports and starboard lanterns 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 light and is prepared for additional lights, type 3 colour and anchor lights. A 130mm illuminated compass is mounted on the instrument panel at the companion way.

Interior

Interior of select 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, freeboards with white painted mahogany panels.

Interior layout

Galley to port at an angle, spacious and efficient with plenty of lockers and drawers. White laminate counter, two deep stainless steel sinks, 3-burner gimbaled stainless steel stove with oven. Single lever faucet with hot and cold water. Well-insulated refrigerator box and separate 49-liter refrigerator under counter.

Navigation station to starboard, forward of the aft head. Spacious navigation station with large table with space for charts. Above the table is a custom designed control panel (see section on electrical equipment) and large curved mahogany panel with plenty of space for navigation equipment. Seat with curved settee for convenient use at sea. Drawers under table.

Saloon . U-shaped soofa to the port, large table and a 2-person settee or 2 chairs opposite.

Shelves above the settees and above these, two lockers with a bookshelf in between. To starboard 2 comfortable armchairs separated with a drink cabinet, shelve behind and one locker above.

Aft head is spacious with interior in plastic for easy cleaning, white laminate countertop and stainless steel sink. Marine toilet with 70-liter stainless steel holding tank, drain in hull and on deck. Shower drained to sump tank. Single lever faucet with pullout spray for sink and shower with hot and cold water. Wet hanging locker.

Port aft cabin. with large double berths, shelve with locker above the berth and a double wardrobe with shelves and a hanging locker.

Starboard aft cabin with large double berth , shelve with locker above the berth and wardrobe for hanging clods.

The forward head is a spacious area with a plastic module for easy cleaning, white laminate countertop with recessed stainless steel washbasin, .single lever faucet for hot and cold water Nautical toilet with about 70-liter holding tank, drainage through hull and on deck.. Shower separated with Perspex doors, separate shower mixer. Wet hanging locker.

Owners cabin is a generous forward cabin with an "island bed" double berth where you can sleep with your head at the forward for easy access in and out of the berth. Over the berths large lockers and forward of this is a shelf and above it a locker. To starboard, a double hanging locker with shelves and hangers, seat with stowage, to the port facing aft is a makeup table with mirror.

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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