

ARCONA 400 SPECIFICATIONS

Loa	11.98	m	Sails (not standard)		
Lwl	10.50	m	Main sail	48,6	sqm
Beam	3.82	m	Jib 110%	33,6	sqm
Draught std keel /racing	2,1/2,25	m	Genoa	50,4	sqm
Shallow draught keel	1,9	m	Furling genoa 150%	49,0	sqm
Keel weight (lead)	2.5	ton	Storm jib	9.0	sqm
Displacement	7.2	ton	Spinnaker	113,0	sqm
Fuel tank	150	l	Asymmetric spinnaker	110,0	sqm
Water tank	260	l			
Holding tank	55	l			
Engine Yanmar 3JH4C	39	hp			

Construction Hull and deck.

Sandwich construction by infusion process with multiaxial glass fabric and Vinylester, core material is 20 mm divynycell, solid laminate around keel, rudder and through hull fittings. The deck solid laminate where fittings are mounted. Hull and deck are white with dark blue waterline and trim line, all in NPG-based gelcoat. Open transom with bathing platform.

Structural Bulkheads

Marine plywood securely bonded to hull and deck.

Steel Floor grinder

Made of hot galvanized steel. The frame takes up the loads from hull, mast and rig.

Keel and rudder

The keel consists of a lead bulb and a cast iron fin to get max righting moment. The fin is protected with a layer of glass fibre and faired with polyester filler, bolted to hull and steel frame with 12x 20 mm stainless steel bolts. Rudder blade hand laminated multiaxial glass. Rudder stock 80 mm aluminium tapered at both ends, self aligning needle bearings.

Deck equipment

Genoa sheet winches Lewmar 48 Ast. Halyard winches 2 x Lewmar 40. 2 x 3,2 m genoa tracks. Mainsheet track with ball bearing care- 12 halyard stoppers and 2 organizers. 4 mooring cleats and 2 spring cleats. Pulpit with navigation light. Double pushpit with flagpole holder and stern navlight. Double s/s lifelines, s/s bathing ladder.

Mast and rig

Mast from Selden in silver anodised aluminium profile 227X119 mm, height 18,9 m, stepped on the keel. The mast is fitted with three spreaders, steaming light and deck light. The mast is prepared for spinnaker equipment. 19-ply stainless steel wire standing rigging. Stainless steel chain plates, bolted to longitudinal bulkheads, bonded to hull sides and steel frame. Boom in silver anodised aluminium profile 171X94 mm with internal outhaul and singelline reefing system. Selden rod kick . Furlex 300 TD with the drum mounted below deck.

Engine

Yanmar 3JH4C 3 cyl. fresh water-cooled marine diesel with Yanmar sail-drive and 2-blade folding propeller. Supplied with instrument panel with rev. counter. Control display for low

oil pressure, high engine temperature and charging. Audible warning for oil pressure and water temperature.

The engine is easily accessible for service. All hull inlets are fitted with seacocks. All hose clips are in stainless steel.

Electrical system

2 x 12 V 70 amp. hr domestic lighting battery, 14 V a.c. 80 amp. alternator.
12 V 70 amp hr engine batteries. Well-dimensioned electrical cables. The cables are to a large extent run in conduits. Main switch panel with circuit breakers. Water and fuel meter, voltmeter/ammeter. Two main switches, 1 x 12 V power socket.

Steering

Integrated steering pedestal in GRP, stainless steel crash bar with ample space for plotter. Stainless steel wheel Ø 160 cm. Stainless steel chain and wire cable to a large quadrant. Wheel shaft with adjustable friction brake. Emergency steering on rudderpost.

Cockpit and equipment

Spacious cockpit. Spacious cockpit lockers. Two self-draining recesses in the comings for winch handles, binoculars etc. Manual type bilge pump, sprayhood.

Interior

High standard handcrafted interior in selected and unstained mahogany, varnished to a satin finish. Interior lined in mahogany. Flooring of varnished teak and wholly removable hatches for the bilge, seacocks etc. Headlining of white vinyl covered plastic foam with mahogany strips. Curtains to all windows in salon and toilet. All cushions in high class furnishing fabric. Cupboards and doors properly framed and panelled in mahogany with profile edges.

Saloon

Spacious and light saloon with full headroom, 196 cm. U-chaped settee to port side, length 220 cm, settee to starboard, length 185 cm. Behind back rests large storage space. Brass reading lamps. Bookshelves and cupboards. Ceiling lights. Large table with drop leaf and bottle locker.

Navigation area

Large navigation area. Chart table with storage under. Drawers, chart lamp, ample space for electronic equipment.

Galley

U-shaped galley. Centrally positioned, allowing free passage between the cockpit and saloon. Stainless steel twin sinks. Gimballed twin burner gas cooker with oven. Gaspipes with stop valve and leakage indicator between cooker and gas bottle. Large working areas in easily cleaned and durable laminate. Well-insulated refrigerator. Storage compartment for provision. Cupboards for plates, cups and glasses. Bottom cupboard for utensils. Waste basket under sink. Drawers for cutlery. Cutting board. Lights over working areas.

Fresh water system

Stainless steel water tank (260 l). Electrical freshwater pump. Hot water boiler.

Toilet – shower

Large toilet compartment with full headroom and shower facilities. Large recessed washbasin. Sea toilet with holding tank (55 l). Electrical freshwater pump. Mirror, large cupboard, ceiling light. Shower water evacuation pump. Wardrobe for wet clothes.

Optional toilet

In the forward cabin an extra toilet compartment is available as an option.

Aft cabins

Two large cabins separated from the main saloon by doors. Large hanging wardrobe, 2 wide full-size double berths. Reading lamps, 2 openable portholes.

Single aft cabin version

Arcona 400 can, as an option, also be delivered with one aft cabin. In that version the starboard side will have a large stowage accessible from the cockpit and a separate shower behind the toilet.

Fittings

Internationally approved navigation lights.

Folding sprayhood

6 portholes in coach roof, 4 portholes in cockpit. All portholes in 6 mm acrylic glass in aluminium frames. Illuminated pedestal mounted compass. Manual bilge pump. Stainless steel transom mounted bathing ladder.

4 x 10 m mooring lines, 6 x 8” fenders. 1 x 16 mm anchor warp 40 m.

1 x 15 kg anchor.

2 x fire extinguisher, 1 x gas bottle. Gasbottle. (Swedish standard)

Ventilation

Forward cabin: 1 deck hatch

Saloon: 1 deck hatch and 2 Dorado ventilators

Aft cabin: 2 open able portholes

Toilet-shower: 1 deck hatch

Galley 1 deck hatch

Extra equipment

The standard Arcona 400 is equipped above. For additional equipment, refer to the price list of option equipment.

General

This specification is valid at the time of printing. Details of the construction, manufacture and equipment may be changed as a result of experiences from production and use of the boats.

The standard of quality and equipment will, however, be at least as specified here in.

Insurance

The yards own insurance will cover the boat and other equipment supplied by the builder during the building time until delivery. Owner supplied items to be insured by the same.