

SPEED REDEFINED
STYLE REIMAGINED

435 MK II



Arcona
yachts

"Time spent on the wheel of the Arcona 435 is time you'll value. You'll soon become a helm hog - you'll get up for your watch early to see if there's any chance of getting a few minutes more. Try it, if you think I'm exaggerating."

- *Yachting World*



ARCONA'S STORY

It is a fantastic feeling when you set sail, start to trim, and feel the drive in the boat. When she gets a touch of heel and takes off, you feel the balance and stiffness, that is unbeatable. That's world class.

An Arcona is a collaboration of ideas that we get, as sailors, who sail the yachts. We realise when the reach for the wheel is a bit too far, then we make an adjustment.

We understand where we need an extra foot support or how to make it easier to reach a winch. We are as much sailors as yacht manufacturers.

We have been building performance cruising yachts since 1982.

Now we proudly present the Arcona 435 Mk II.

THIS IS ARCONA YACHTS

The DNA for Arcona Yachts is really the perfection of the performance cruiser concept.

When you draw a pure race yacht, you don't have to think about comfort on board and speed is your single focus. Drawing a cruiser is not too challenging either when your single focus is comfort and sailing performance is not important. However, to successfully design a yacht that performs well, as well as being comfortable and safe to cruise for the family - that is the real trick.

A very important cornerstone is that the yacht is light weight. The lighter the yacht, the faster she sails. By making the yacht several hundred kilos lighter from the start, there is an initial allowance for the extra cruising gear. The light weight of the boat is key.

Then comes other pieces into the puzzle, like making the cockpit layout work for both cruising - when you need to reach everything yourself - and when you need space for more crew.

A performance cruiser yacht should be able to be sailed and managed by two in any situation. Every Arcona model is designed and built with this quality in mind and are therefore easy to sail shorthanded.

All our models are modern "jib boats," meaning they don't need overlapping genoas and can be fitted with outboard shrouds for increased rigging stability. It makes sails easier to handle and you don't need a huge sail inventory. That is one factor that makes the sail plan higher and more efficient. Therefore, you can always recognise an Arcona yacht at sea due to her tall and efficient sail plan. Stunning, powerful and fast!



SWEDISH QUALITY

The production process of a new boat poses thousands of different questions and complex decisions; the selection of materials, the specification of the fittings, the choice of running and standing rigging, to name but a few. The solution is to precisely tailor each decision to meet the high standards we have set to achieve owner expectations. It is a challenging and rewarding process, yet straightforward – quite simply, we want to build you a boat that we can be proud of and that you will love.

The hull is built to be stiff and strong, ensuring the boat can always be sailed safely. Swedish heritage flows through the build, design and lines of our yachts. Arcona yachts are bright, beautiful and functional with many hidden qualities – qualities which you will appreciate more and more with each passing year of ownership of your Arcona.



"Pretty, award-winning and fast, this Swedish cruiser is a real all-rounder."
- *Yachting World*

THE ARCONA 435 MK II

The new Arcona 435 Mk II continues to uphold Arcona's strong heritage of innovation and design excellence, using the finest materials and best workmanship. The Arcona 435 is a fast, modern and easy-to-manage 45' / 13.63 m* performance cruiser. Launched by Arcona Yachts in 2018, she won European Yacht of the Year in 2019 in the performance cruiser category.

Stefan Qviberg, the Designer, has once again fulfilled Arcona's brief to create a yacht that appeals to an owner who wants both sailing performance and comfort for cruising on long passages. Stefan explained, "The 435 has an efficient sail design, a low weight, and the characteristic stability exhibited in every Arcona yacht. The 435 is modern inside and out."

The Arcona 435 epitomises the characteristics of a very comfortable fast family cruiser and a racing yacht, without making any compromises.

She is both safe and stable with laminated bulkheads and Arcona's galvanised steel girder. She is a joy to sail as she responds quickly to trim input and doesn't weigh more than 8990kg. The Arcona 435 can also be specified with carbon hull, deck and spars which reduces her weight further. The Arcona 435 has a slightly larger sail area than previous models to give optimised upwind performance.

Following customer feedback, the Arcona 435 has been updated to a Mark II version. The Arcona 435 Mk II has a semi-integrated bowsprit, larger hull windows for more natural light down below, the hull height is raised for increased headroom internally, there's more stowage, new deckware upgrade options and much more...

*LOA 44'7" / 13.63 m. LOA with optional bowsprit 46'4" / 14.15 m



EXTERIOR DESIGN

With her wider stern there is great space in the cockpit for crew, friends and family. It also gives more space down below in the aft cabins, galley and saloon. The wide stern gives her great sailing performance, especially downwind.

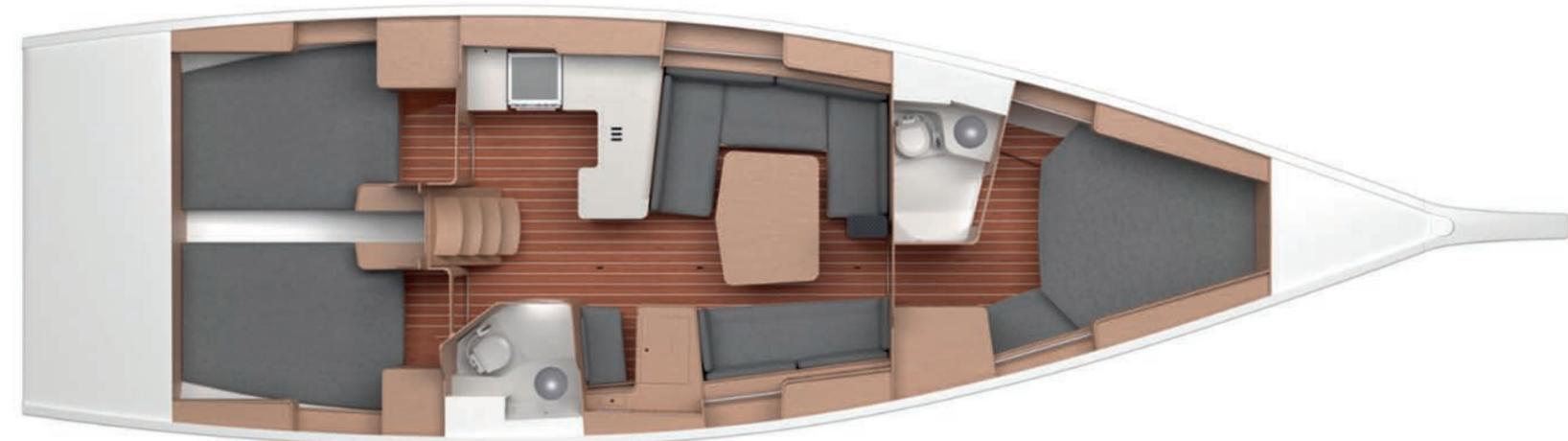
She has twin wheels configured as standard which can be upgraded to carbon. The cockpit table recesses down into the floor and is easy to deploy when needed, otherwise creating an open, comfortable area whilst sailing.

The windows on the coachroof are long and wide allowing natural light in to the saloon.

The spacious cockpit has an integral bathing platform and a large storage locker aft, accessible from two recessed hatches in the cockpit floor. The sides of the cockpit have been designed for intelligent use of stowage and at the front edge of the coaming are two compartments that elegantly stow all halyards.

The cockpit coaming, aft deck and sole are in teak. The side deck can be specified either in teak or in Arcona's proven non-slip material.





INTERIOR DESIGN

The boat is designed to be sailed for extended periods of time and in any weather, so a comfortable relaxing yacht interior is an important attribute of an Arcona. We have selected high quality interior materials that ensure you enjoy all aspects of your yacht.

The interior is in selected Khaya Mahogany that successfully communicates a relaxed living space and can also be upgraded to Light Oak. The mouldings, door frames and steps are all laminated with varnished teak soles.

The windows are large allowing lots of natural light in the saloon. The hull has been raised for more headroom in the bow and stern cabins.

The starboard sofa is long enough for a 6ft (2m) person to lie down comfortably and could double up as an additional berth for crew.

We offer a broad range of cushion fabrics and colour choices and you make that selection when you order your Arcona.

The ceiling lighting in the saloon, cabins and in the heads consists of recessed spotlights. Below deck in the saloon, there are more spotlights with a dimmer in the navigation station to provide atmospheric saloon lighting. All cabins are equipped with roof lamps and two bulkhead-mounted reading lamps with USB ports.



"GREYHOUND OF THE SEA UNLEASHED.
A true performance cruiser, the Arcona 435
takes it all in her stride."
- *Yachting World*

TECHNICAL DATA

Design: **Stefan Qviberg/
Arcona Design Team**

CE Category: **A-Ocean**

Length Overall
inc bowsprit: **14.15m**

Length Overall: **13.63m**

Length Waterline: **12.47m**

Beam: **4.04m**

Mast Height: **21m**

Displacement: **8990kg**

Draft: **2.0/2.3/2.6m**

Engine: **Yanmar 4JH45C**

Saildrive: **SD60**

Water Capacity: **270L**

Hot Water: **40L**

SAIL AREA

Main Sail: **62m²**

Jib 107%: **47.9m²**

Spinnaker: **172m²**

RIG DIMENSIONS

I. **17.80m**

J. **5.04m**

P. **17.20m**

E. **6.0m**

SUPPLIERS

Another essential piece of the puzzle for Arcona Yachts is to install good quality gear. Therefore, we choose companies that care as much about their products as we do for our yachts. We take no shortcuts and all our partners are carefully selected. With a long history as boat builders, the partnership with our suppliers is a relationship that has grown and developed as the company has evolved. The brands we are working with today are the best in the industry regarding quality, guarantees and customer support.

YANMAR

HARKEN

B&G

SELDÉN

**Jefa Steering
SYSTEMS**

Eberspächer



OCEANVOLT

HULL AND DECK

Hull and deck is of sandwich construction of multiaxial glass fibre reinforced vinylester with a 20 mm core of Divinycell. Solid laminate is used for rudder, engine bed, keel attachment and all through-hull fittings.

Infusion vacuum bagging is used on 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.

MAST AND RIG

Seldén mast and rig with tapered masthead and two pairs of spreaders. Mast equipped with Windex, running lights, deck lighting, spinnaker boom track and Furlex 304 TD jib furling system. Standing rigging is discontinuous Dyform wire (19-ply profiled wire for minimum stretch) with bronze turnbuckles. Backstay adjusted with mechanical or hydraulic backstay tensioner. Mast prepared for duplication of all halyards with blocks at outlets and pilot lines. All halyards and sheets are conveniently stored in integral halyard bins in front edge of cockpit coaming.

KEEL

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

SPECIFICATIONS

RUDDER

The rudder is made of glass fibre with multiaxial roving, filled with polyurethane foam. The rudderstock of solid water-resistant aluminium is laminated into the rudder. Self-aligning roller bearings are utilised to minimise friction; the rudder is also supported axially by ball bearings.

STEERING

Arcona 435 is fitted with two 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. The Stainless steel or carbon wheels have a diameter of 1 m.

BULKHEADS

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.

CRADLE

A centrally placed galvanised steel girder bolted to the main bulkhead and to laminated fibre glass stringers efficiently takes up the loads from the keel and rig.



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