

RESPONSIVE  
& EFFICIENT

**345**





# 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 345.



# 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 345.





# 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 short-handed.

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!



# THE ARCONA 345

The design of the Arcona 345 has produced a fantastic boat that performs beautifully. Under sail she is superbly balanced and responsive to the helm, her deck layout with wide side decks, spacious cockpit and twin wheels as standard make her extremely easy to handle and an awesome sailing experience.

Her predecessor, the Arcona 340, captured the hearts of many owners and was nominated in the category Performance Cruiser for the European Yacht of the Year in 2010. The Arcona 345 is sure to follow in her success as she is a joy to helm. Her interior reflects the attention to detail and Scandinavian style that you would expect from her Swedish roots. The large, airy and light saloon is beautifully handcrafted in Khaya Mahogany. For those who prefer a lighter interior, she is also available in Light Oak.

The Arcona 345 is built with the latest materials and advanced techniques. The lay-up, which incorporates a 20mm Divinycell foam core employs the latest vacuum infusion technology. All bulkheads are bonded to the hull and deck for added strength. At the heart of the boat is the galvanised steel cradle, taking all the dynamic loads of rig, mast, and keel, ensuring that the boat is strong, stiff and responsive.







## EXTERIOR DESIGN

Ideal for shorthanded sailing, the 34ft/10.4m Arcona 345 is set to be a new favourite performance cruiser on the regatta circuit and for cruising with family and friends.

Fitted with a powerful fractional rig, the Arcona 345 sports a tapered, twin spreader, keel-stepped mast and is prepped for spinnaker equipment.

For strength and stability, the bulb keel is made of antimony hardened lead. With twin wheels as standard, she is very responsive.

There is the option to upgrade to carbon wheels too. The transom is open and there is a large storage locker aft, accessible from two recessed hatches in the cockpit floor. The windows on the coachroof are long and wide allowing plenty of natural light into the saloon. Our Swedish heritage shows in the beautiful lines and clean functional design of the Arcona 345.



## 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 all Arcona yachts. We have therefore chosen to build with high quality materials that ensure you enjoy all aspects of your yacht.

The Arcona 345 has an L-shaped galley, with lots of storage, a gimballed twin burner gas cooker with oven and a generously sized sink and fridge.

The chart table is smoothly rounded and backward facing with ample space for electronic equipment. In the saloon, there is a twin leaf table, a U-shaped seating area to port and long straight settee starboard capable of seating six in comfort to dine, as well as providing excellent sea berths on the move.







The layout provides a forward cabin with plenty of room and a good-sized clothes locker each side of the dressing area, with more stowage beneath and above the berths.

One aft cabin features a large comfortable double berth, two portholes that can be opened, plenty of lockers and shelves, plus stowage under the berth.

The heads are spacious with separate shower facilities which is a rare and great feature for a 34-foot yacht. The yacht has a deep sink, wet locker, and easy internal access to the cockpit locker through a sliding door.

Plenty of ports and hatches provide light, good ventilation and unrivalled comfort.

You can choose between rich Khaya Mahogany or beautiful Light Oak interior, and there is a choice of upholstery fabrics and white headlining.





# TECHNICAL DATA

Design:	<b>Stefan Qviberg/ Arcona Design Team</b>
CE Category:	<b>A-Ocean</b>
Length Overall incl. bowsprit:	<b>11.03m</b>
Length Overall:	<b>10.40m</b>
Length Waterline:	<b>9.80m</b>
Beam:	<b>3.45m</b>
Mast Height:	<b>17.70m</b>
Displacement:	<b>5200kg</b>
Draft:	<b>1.95/1.80m</b>
Engine:	<b>Yanmar 3YM20C</b>
Saildrive:	<b>SD25</b>
Water Capacity:	<b>130L</b>
Hot Water:	<b>20L</b>

## SAIL AREA

Main Sail:	<b>41.10m<sup>2</sup></b>
Jib 107%:	<b>33.50m<sup>2</sup></b>
Spinnaker:	<b>120m<sup>2</sup></b>

## RIG DIMENSIONS

IG.	<b>15.1m</b>
J.	<b>3.86m</b>
E.	<b>4.77m</b>
P.	<b>14.45m</b>
LP (106%).	<b>4.00m</b>

# 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**



 **Eberspächer**

## HULL & DECK

Vinylester sandwich construction vacuum laminated with multiaxial glass fabric, core material is 20mm Divinycell, solid laminate around keel, rudder and through hull fittings. Hull and deck are white with dark blue waterline in NPG based gelcoat. Open transom with bathing platform.

## MAST & RIG

Keel stepped mast in silver anodised aluminium profile 211/110mm. The mast is fitted with two spreaders, steaming light and is prepared for spinnaker equipment. 19-ply stainless steel wire standing rigging. Stainless steel chain plates bolted to stiffeners at the hull sides. Boom in silver anodised aluminium profile 171/94mm with internal outhaul and single line reefing system. Rod kick led to cockpit. Furling system Furlex 204 TD.

## KEEL & RUDDER

Bulb keel in antimony hardened lead. The keel is bolted to hull and steel frame with 10X 20mm stainless steel bolts. Rudder blade hand laminated multiaxial glass. Rudder stock 78mm aluminium tapered at both ends, self-aligning needle bearings.

## STEERING

Twin wheel steering system with 2 stainless steel wheels 80cm. Stainless steel chain and wire cable to a large quadrant.

# SPECIFICATIONS

## CRADLE

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

## ENGINE

Yanmar 3YM20C fresh water-cooled marine diesel Power output at propeller, 21 hp. Instrument panel with rev. counter. Control display for low oil pressure, high engine temperature and charging. Audible warning for oil pressure and water temperature. Yanmar SD25. sail-drive and 2-blade folding propeller. The engine is easily accessible for service. All hull inlets are fitted with seacocks. All hose clips are in stainless steel.





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