



Nacra Sailing & Performance Sails

Our head offices are based in The Netherlands. You can visit us online at the below url or even better. Visit us in real time so we can tell you all about our exciting program of catamarans. You are more than welcome to come over and share your thoughts on sailing cats. You can find us at the address below.

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Since 1975 NACRA has always been about empowering sailors. Getting the best out of yourself and your team with NACRA supplying the equipment. Reaching new heights and pushing your boundaries. That's NACRA SAILING!

NACRA & PERFORMANCE SAILS are based in The Netherlands. Nacra has been originally founded in 1975 and draws it's knowledge therefore from a long history of building and supplying catamarans to the world of sailing.

EMPOWERING

SAILORS

POWERED BY



31

TECHNICAL





JOHN J. JONES



SCOTT J. JONES

Nacra 15 – Pathway for youth sailing.

Designed from scratch to meet the ISAF criteria to become the new official ISAF youth catamaran. The older catamarans in this program need to be replaced as the youth of the world wants to sail in a catamaran that can carry more crew weight and has a more modern design than the current ones. The Nacra 15 resembles a lot to its bigger sister, the Olympic Nacra 17. In fact, the Nacra 15 is a mini version of the Olympic Nacra 17, creating a pathway towards the Olympics.

The Nacra 15 carries also two curved dagger boards that like in the Nacra 17 provide lift. This provides an extra dimension in sailing as the Nacra 15 is a semi-foiling catamaran. More lift means; drag reduced means; more speed and excitement.

The rudders are fitted out with stabilizers which control pitch of the platform so all power can be transferred into raw speed.

The Nacra 15 will go in to production in 2015. If you or your organisation has interest to start up the program, please contact one of our Nacra dealers or Nacra direct to consult us what the options are.

The Nacra 15 and the Nacra 17 will represent the future of cat sailing at the highest level around the world. The Nacra 15 as an “steppingstone” for youth and the Nacra 17 in the Olympics.



Boat length	4.70 m/15.4 ft
Boat width	2.59 m/8.5 ft
Mast length	8.10 m/26.5 ft
Area mainsail	13.6 m ² /146 sqft
Area jib	3.3 m ² /36 sqft
Area spi	16.5 m ² /177.6 sqft

The NACRA 16 is a steppingstone towards serious cat racing of the 21st century. Simply a class where mature experience sailors meet young excited teams to benchmark in racing around the cans.

The NACRA 16 offers everything that racing teams are looking for in a mature racing cat and more. An unique feature of the NACRA 16 are the “switch cases” where its hulls are fitted out with. They fit straight daggerboards when racing within the F16 class and also fit curved daggerboards when not racing in the F16 class. These daggerboards come from Olympic technology, the NACRA 16 older sister, NACRA 17. No replacements of cassettes needed. It is as simple to take one type of board out and switch for the new ones. Talking about leaving your options open and versatility.

NACRA 16 is often also sailed alone by sailors that like to be in depended. As well in racing as in touring mode the NACRA 16 is much fun to sail but designed to leave the control to its sailor. Truly a catamaran that live up to the philosophy of NACRA. EMPOWERING SAILORS!



Boat length	5 m/16 ft
Boat width	2.5 m/8.2 ft
Mast length	8.5 m/27 ft
Area mainsail	15 m ² /161 sqft
Area jib	3.70 m ² /39.8 sqft
Area spi	17.5 m ² /188 sqft

The NACRA 17 is used as the exclusive Olympic Multihull equipment in the “mixed multihull class” running up to the Olympic Games. Currently the pinnacle of catamaran racing in the world.

At ISAF world cups, World Championships and other continental championships where the elite sailors of the world in the catamaran are racing against one another. The NACRA 17 was designed from scratch to meet the specific criteria set out by ISAF for the Olympic multihull. Curved dagger boards has become the benchmark for the multihull world since the NACRA 17 was chosen as Olympic multihull. They have been used mostly on offshore trimarans in the past, and used primarily as a way to increase longitudinal stability and shift underwater centre of effort forward to prevent leeward helm downwind. The innovation with the curved foils on catamarans is that they are used to enhance performance for both upwind and downwind sailing.

Curved dagger boards have proven to make catamarans easier to sail, especially downwind. They provide lift which helps keep the bows up and reduces the tendency to pitch pole. The extra lift generated from the foil helps reduce hull wetted area and markedly reduces hull drag. Curved dagger boards make the boat more exciting to sail. The NACRA 17’s new-generation hulls have about 40% greater longitudinal stability



than recent conventional shaped catamarans. This increased stability comes without the drag normally associated with creating high longitudinal stability in conventional shapes, and allows the sailors to push the boat much harder downwind.

Boat length	5.2 m/17 ft
Boat width	2.59 m/8.5 ft
Mast length	9.15 m/30 ft
Area mainsail	16 m ² /172 sqft
Area jib	4 m ² /43 sqft
Area spi	19 m ² /204 sqft

When you receive your NACRA Infusion, you will have the best F18 out of the box, you put her together and go racing! Simple as that!

The boat is named after the method used in construction, the only production catamaran made with this modern Infusion system, this allows better material weight distribution within the hulls, yielding greater stiffness, and stiffness is speed ! Hull volume, means that the Infusion drives, and drives hard with handling that is rapid and precise. Wave piercing technology reduces drag and improves speed in all conditions, the Infusion wins in big seas and big winds just as well as gliding on a lake in flat water. The NACRA Infusion stabilises herself at high speed due to dynamic lift, reducing pitching to low levels yielding a far more consistent airflow over the sails leading to higher speeds.

The high aspect dagger boards get you high upwind, the rudders are responsive and positive, trampoline is tightened from all four sides giving a firmer, drier, cleaner spacious platform. The sophistication of Performance Sails and the wing mast shape complement each other perfectly to allow you to improve your results. This boat is just waiting for you to move through the gears, glance over your shoulder and the rest are following!

It is up to you, the Infusion will get you to the front of the fleet! Proud NACRA F18 Infusion owners find themselves invincible over others



brands, ask them and ask for a ride! If you want to be at the front, you want an Infusion!! Race results worldwide prove it!

NACRA F18 Infusion became world champion in the F18 class in 2013 and 2014 with out of the box boats. Pretty amazing, isn’t it?

Boat length	5.52 m/18 ft
Boat width	2.60 m/8.5 ft
Mast length	9.15 m/30 ft
Area mainsail	17 m ² /182 sqft
Area jib	4.15 m ² /44 sqft
Area spi	21 m ² /226 sqft

Since the launch in 2010, more than 100 NACRA 20 carbon has been delivered, this is for a reason. That reason is PERFORMANCE!

With the purchase of a NACRA 20 carbon you are buying yourselves into results. Check all the race results. Check with insiders of the multihull community and ask them the question. Which beach cat has been dominating the results in long distance racing since 2010. Nine out of ten will think and come up with: NACRA 20 carbon.

This F20 FCS comes standardly included with a high aspect Kevlar-carbon square top mainsail, a Kevlar-carbon high aspect jib, a full radial cut gennaker to kick it all up a notch going downwind. At times with enough breeze you will not even be using the gennaker downwind and still be foiling. These sails and technology are produced by the loft which the Olympic NACRA 17 sailors use as well.

If you can handle a NACRA 16, 17 or F18 Infusion you are ready for a NACRA 20 carbon, it's that simple. But only if you are ready to be leading the fleet when they follow you around the course.

The NACRA 20 carbon was the first NACRA to be fitted out with curved daggerboards (c-foils). Giving the NACRA 20 carbon a headstart with every race done. Besides the dagger boards the NACRA 20 is featuring latest and state-of-the-art solutions to give



teams the ability to excel! Full carbon hulls, full carbon wing mast profile produced by the same manufacturer as the Olympic NACRA 17 builder Hall Spars, different section in size though.

If you are looking for excitement, fun and to win races on line honours. The NACRA 20 Carbon could be the solution for you!

Boat length	6.2 m/20.3 ft
Boat width	3.2 m/10.5 ft
Mast length	10.45 m/34.5 ft
Area mainsail	21 m ² /226 sqft
Area jib	5.2 m ² /56 sqft
Area spi	28 m ² /301 sqft

The NACRA 20 FCS is the ultimate “flying” racing catamaran designed for both course and inshore/coastal distance racing.

This 20-foot “flying” machine is the result of the long life quest of NACRA to EMPOWER SAILORS around the world. Race with a crew of 2 around the buoys. If you are ready to go the distance you can take her for any long distance coastal racing, that is, if you like to take the lead over any big fleet. A benchmark in design. Wave-piercing bows, spray rails, FCS foils and an ergonomic platform, it will put you ahead of the fleet in terms of performance and joy. Creating a powerful machine is one thing, but controlling power is the key. NACRA and its design team worked together again closely with the Naval engineers of Morelli & Melvin.

To establish controlled flight, NACRA has fitted out this NACRA 20 with FCS, which stands for “Flight Control System”. It will give the sailing team the ability to make alterations on the water during flight to find the groove you are looking for and fly over water to leave others behind. The sensation of flying over the water on FCS main foils and FCS rudders is an indescribable feeling. You will never forget your first flying seconds and/or moments and will come back for more. Make sure you get on one to try, but be warned. THIS IS ADDICTIVE and one of the new ways to go.

This F20 FCS comes standardly included with a high aspect Kevlar-carbon square top



mainsail, a Kevlar-carbon high aspect jib, a full radial cut gennaker to kick it all up a notch going downwind. At times with enough breeze you will not even be using the gennaker downwind and still be foiling. These sails and technology are produced by the loft which the Olympic NACRA 17 sailors use as well.

If that next regatta is overseas, then you and other teams can easily pack your boats into one 40-foot container! Flexible and always ready to explore other parts of the world.

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Boat width	3.2 m/10.5 ft
Mast length	10.45 m/34.5 ft
Area mainsail	21 m ² /226 sqft
Area jib	5.2 m ² /56 sqft
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