



Welcome aboard the RUSH 10!

Whether you decide to have a **relaxed and private afternoon trip with only two aboard heading towards a tranquil beach** - or whether you are planning a **day out with a party of friends and trim the RUSH 10 to its breathtaking 23 knots** of top speed – or whether you choose to set up your own profitable **day charter business** - there is no other boat in the world that gives such an broad range of benefits to it's owner.

When designing the RUSH 10 we wanted to create something that really makes a difference: something new and fresh – **something that is more exciting for its owner:**

- The RUSH 10 is the first Day Sailing Catamaran that carries 12 passengers at speeds up to 23 knots – the RUSH 10 offers speed and excitement without the trade off of comfort, space and safety.
- The RUSH 10 is the first Day Charter Sailing Catamaran specifically conceived for hotels, beach concession operators and day charter providers - while supporting the overwhelming trend towards quality tourism and activity outdoor holidays worldwide.

On the following pages you will find information about the RUSH 10, the design concept and the specifications.

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RUSH 10 Design Rationale

The designers and builders of the RUSH 10 have extensive experience of the design, build and operation of day charter Catamarans in the 50' and 65' range. In the last few years we have realised a need for a high performance, light weight, beach launched catamaran for operation close to the tourist beaches yet independent of marinas and **supporting the fast growing trend towards quality tourism.**

In waters where commercial passenger carrying rules are in operation, **the RUSH 10 with a payload of 12 passengers and registered as a Charter yacht will not require full commercial passenger licensing** and can be operated by individuals with the required qualification, e.g. a commercially endorsed British Yachtsmasters certificate or equivalent.



The RUSH 10 is therefore ideal for the single operator with access to a suitable location or for a **private owner who wants to enjoy high performance sailing with family and friends.** The RUSH 10 complies with the European Common Market directives for small commercial vessels (Charter Yachts).

Drawings, Construction and Stability are approved by the Registro Italiano Navale (RINa) Classification body and each vessel is supplied with the (legally required) CE Certificate of Compliance, Owners Manual and copy of the RINa Certificate for series production. Assistance and advice from will be given to purchasers in obtaining Registration as a small commercial vessel, Charter Licence and Insurance.

The RUSH 10 is designed to cater for the following markets and locations.

- **Beach activity operators**
- **Sponsor promotion**
- **Individual user/operators**
- **Hotels, Resorts and Vacation Clubs**
- **Sailing schools**
- **Private sport users**

All Rush 10 owner operators will benefit from the back-up, and operational expertise of the company.

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RUSH 10 Specifications



LOA:	10.09 m
Beam:	5.50 m
Draft max:	0.60 m
Weight (dry):	1.380 Kg
Weight (loaded):	2.450 Kg, 12 passengers

Construction

Hulls: Moulded, GRP. White gel coat with striping in vinyl (special colours to order). Marine ply bulkheads and soles with stowage beneath. Vinylester resins, foam filled, keel, frames and stringers. A collision bulkhead in the bow integrated with the forestay cross beam attachment.

Decks: Moulded GRP sandwich with Coremat and integral, ultra light frames. Non-slip coating on deck all areas.

Keels: Integral with hull moulding, reinforced for beach landing & launching.

Rudders: Lifting (pivoting) & removable - in polyester composite, mounted on Stainless steel pintles.

Steering: Twin, linked, tillers cranked for rudder blade lift.

Cross beams: Moulded, G.R.P. foam filled. Forward beam has stowage. Beam ends locate into hull deck recess with 18mm S/S bolts. Non-slip coating and matching hull stripes.

Fore/aft beams: Central beam/trampoline support/backrest, moulded GRP (not shown below) with integral ice box, engine control position, non-slip surface.

Passenger area: UV inhibited monofilament, open weave, trampoline between hulls and cross beams with shock cord tensioning

Forward area: Safety netting between the bows. (not for passenger use)

Mast: Anodised aluminium by Sparcraft

Standing rigging: 1x 19 stainless 8mm wire on turnbuckles. 8 mm forestay crossbeam bridle on strut with turnbuckle

Running Rigging: Main halyard, Spectra. Jib and Spinnaker, Dacron pre-stretched.

Sails: Mainsail, full batten on Sailman system, loose footed, single reef line. Headsail, furling or hanked. Standard rig 52 m2

Deck gear: Harken 24-1 performance mainsheet system, on wide 4m main track with 3 to 1 purchase on cars. Mooring cleats & fairleads. 2 x Gebo deck hatches

Other: Two outboard helmsman's seats P&S in fibreglass composite.
10 kg anchor and line
4 mooring warps, 3 fenders, 6 trapeze lines

Price: **Complete Boat Package only 68.700 €**
including all of the aforementioned features
(plus VAT if applicable) ex-Barcelona
disassembled and ready to be shipped
2 years warranty

Including Users Manuals, CE Certificate of compliance and RINA Certificate.

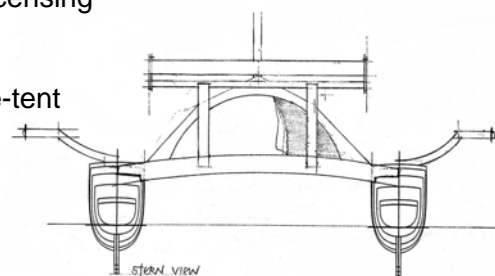


Racing Pack: Racing rig of 60 m²
DYS custom, carbon composite wing mast
Asymmetric spinnaker and gear

Commercial Pack: Commercial Day Charter Operators Package containing equipment and assistance with charter licensing

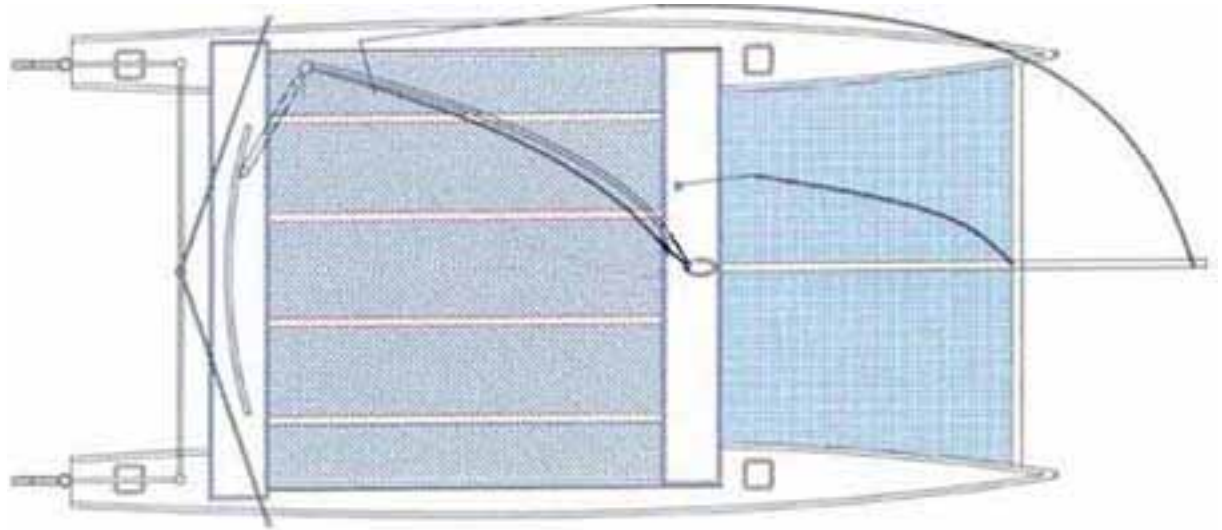
Cruiser Upgrade: Overnight Camping Pack with trampoline-tent plus sleeping berths and toilet in hulls

Others: Twin Tohatsu 8 HP outboard packet
(incl. sliding mounting brackets and Morse remote controls)
Facnor Roller furling headsail system
Safety pack for Class "C" navigation
Solar Panel Power System
Individual Custom design / Logo on hull and/or sails
For full information please ask for current list of extras.

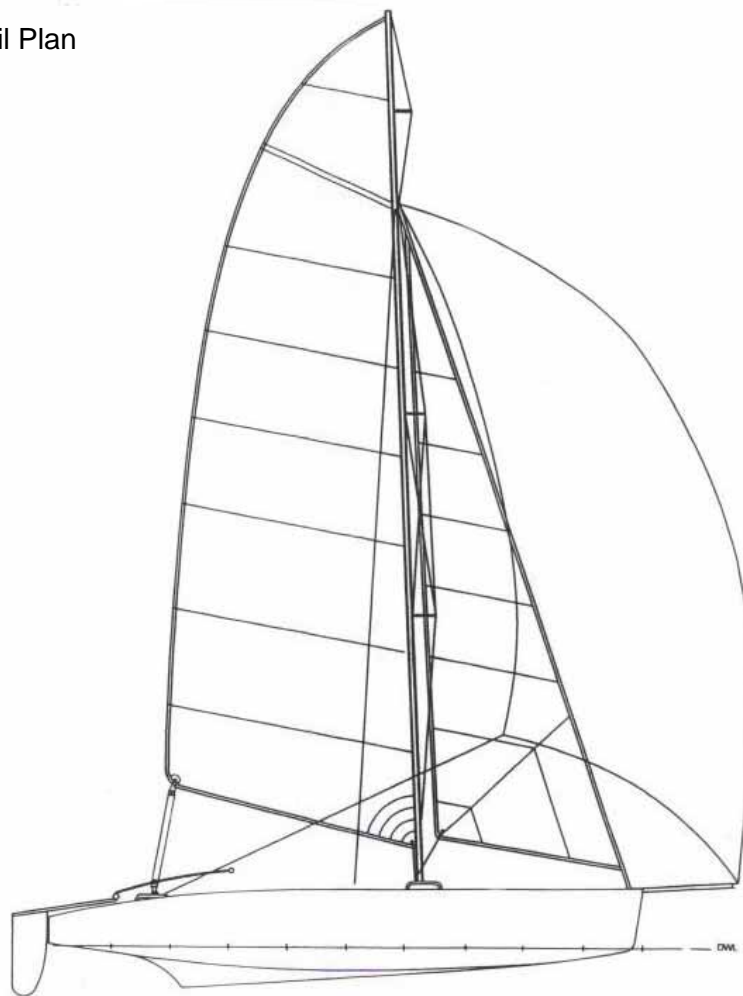


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RUSH 10 Layout



RUSH 10 - Sail Plan



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RUSH 10 Design concept

To produce a high performance catamaran suitable for

- Commercial use in the holiday / beach / day-charter industry
- Private fast weekend cruising
- Club racing
- Schools and training

In other words: Versatile and Exciting!



As a result the Rush benefits from the many features listed below, all of which complement any of the four criteria above without diminishing the functionality of the individual required use.

The design therefore has to cope with not only performance but also a rationalising of its intended use. **The Rush is about the joy of sailing with space and fun for up to 12 people, lifestyle, business opportunity, fast competitive sailing made accessible to all.**

There are no truly beach based production catamarans available in the fast growing 10 meter performance range today. Others in this range try to combine the dream of a comfortable cruising cat with a machine of blistering performance. Unfortunately these two criteria are opposed. Despite this fact the end result usually suffers as a compromise in some form or other and is invariably expensive.

With this in mind the designers looked at the real requirements of sailing or operating a cat like this and analysed the relative trade-offs between performance, practicality, defined use and overall design quality with form and style inherent.

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Performance

“the joys of sailing increase exponentially with the speed “ The Rush is a performance catamaran first and foremost and the thrill of effortless, almost level, sailing up to 20 plus knots in the 10 to 18 knot wind span (the statistically most common beach side sea breeze) has to be experienced to be believed.



Multihulls, particularly catamarans, will if the design concept is not limited by providing living space for crew, inevitably end up with a similar hull or float form. The big difference ultimately is the decision between dagger boards or fixed keel, beam to length ratio, weight and centre of buoyancy, structure and rig.

Design philosophy

- Produce a beachable light catamaran to give high performance sailing experience for up to 12 people.
- Produce a responsive club-racing catamaran with hiking seats and trapezes, for up to 6 crew with latest carbon spars, sails and go faster gear & equipment.
- Produce a quick weekend passage maker for 2 (inside) and as many as you want under the trampoline tent.
- Be able to put it quick and easily onto a trailer or even to send it anywhere in the world in a standard 40 ft steel container, including mast.



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Lines

- Lines both practical and aesthetically pleasing with no concession to gimmickry.
- Length as close to 10 meters as possible.
- Beam overall to be close to 5.5 meters.
- Draught to be as shallow as possible without compromising windward ability.

The end result is an extremely pretty yet forceful looking sheer. The hull deck edge and Cross beam radii are proportional and the arc of the three crossbeams is just right adding a simple symmetry to the whole.

Hulls and Decks

- **Hulls** to have as low a form-drag as possible while providing good lateral resistance without the need for lifting centre or dagger boards. This achieved with a long skeg keel integral with the hull.
- To have fore and aft buoyancy distributed to minimise a) the tendency of all high-speed catamarans, to bury the lee bow at speed & b) weight distribution problems associated with up to 12 people.
- Able to take the ground or beach regularly without structural damage.
- **Decks** To take end-loads of crossbeams into hull structure through a heavy moulded recess identical to the beam end.
- Provide a good non-slip working and sitting area around the trampoline.
- Support people, sheet loads, a cantilevered hiking seat for two people, access hatches and various fittings.



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Beams

- To be curved and mounted as high off the water as possible.
- To provide good wracking and compression stiffness.
- To have space for stowage and foam buoyancy.
- To be easily mounted and dismantled with a simple fastening system --4 bolts each end.
- And be sufficiently bulky so as to provide protection, safety and security in the trampoline area.
- Forward forestay crossbeam to be curved to the same arc of the main beams yet with a small elliptical shape to show as little resistance to the waves as possible yet provide a good land for netting attachment and attachment of bow sprit.
- Centre trampoline beam to provide a rigid division between port and starboard trampoline. To have a built in icebox, engine control mounting, and other liquid stowage.



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Summary

Sailing at more than 23 knots the RUSH 10 is designed to be one of the fastest day sailing fun machines in the world. The perfectly distributed exceptionally low 1.380 kg make the RUSH **unbelievably responsive and a pure pleasure to sail and steer.**

Without the hassle of dagger boards and only 60 cm of draft it can be handled like a dinghy at the beach while providing the most stable sailing platform you ever have experienced.



The RUSH 10 is not only perfect for sailing schools but is also ideal for **a commercial day sailing charter business.** The Rush 10 can collect paying charter passengers right off the beach then be left on a mooring when not in use. With only 12 passengers needed to fill the boat and operating costs near zero **operators in the Balearics have proven that income from charters can return the investment in only 10 months of operation.**

Visit us in Mallorca and learn more about the RUSH concept!

Your RUSH CATAMARANS Team

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Company Profile

Chris Long, managing director of DYS Marine, designers of the Rush 10, realised in 1995 the opportunities for large day-sailing charter catamarans in the Balearic Islands and started this fast growing and popular marine excursion. Chris conceived and instigated the designs for large day charter sailing cats and built and operated two Suncat 60s and one Suncat 50 capable of carrying 80 passengers each, which are still operating today.



Market research feedback from the many thousands of Suncat clients confirmed the need for a high performance, light weight, beach launched catamaran for operation close to the **tourist beaches** yet independent of marinas and **supporting the fast growing trend towards more individual quality tourism and activity holidays.**

The RUSH 10 was conceived and designed during 2001 and Mallorca provided the ideal environment to test both, commercial income potential in a tourist environment as well as design – both exceeded expectations: the RUSH 10 proved to be not only a pure pleasure to sail, exciting and very fast for private owners and enthusiasts, But commercially successful, for operators in Ibiza, Mallorca, Ibiza and Menorca.



The RUSH 10 has been developed and is being manufactured by DYS Marine S.L. at their premises in Mallorca / Spain. Approx. 80 % of the RUSH 10 (hulls, decks, beams and most accessories) is manufactured by the company while 20 % (mast, sails etc) are

bought from renowned international suppliers. The company applies modern production technologies and uses latest materials such as vinylester resins to ensure both, endurance and ultra-light-weight construction. **The directors have a combined experience in the pleasure yachting and charter industries of over 100 years.**

RUSH CATAMARANS Ltd. is situated and managed from the UK and testing and the set-up of series production has begun so as to meet the worldwide demand and sales since early 2004. Target markets are Mediterranean, Red Sea, Indian Ocean and Caribbean as well as northern Europe's Baltic and North Sea / Atlantic regions.