



SuperCat66' High Performance Cruising Catamaran
Designed for Comfort Cruising, Globetrotting, Buoy & Distance Racing



THE RIGHT MIX

- > You finally enter the bay at sunset, while the scent of a Mediterranean dinner escapes from the kitchen; the kids are retrieving the fishing lines.
- > The crew is preparing a Code 0 hoist; you look at the wind mark, feeling the increase of speed as you can go down a little to the finish line. No yachts ahead.
- > “ More than 30kn!!!”. You just made the longest and fastest surf of your life, while moving your luxury holiday home, in a transatlantic race at five hundreds miles per day, toward a tropical family Christmas.
- > And then there are tough moments, in which everything happens so fast....and you need the boat to take you all out of it. There is no other way.



SuperCat 66' - high performance cruising catamaran

SuperCat66' will make you live at best thousands of situations at sea, while cruising or racing with family and friends. The right mix of features that make it possible is coming from the wide direct navigation experience of the design team, over five hundred thousands miles sailed between cruising and ocean racing short-handed top international events and records, and from the skills of a worldwide appreciated builder of legendary luxury cruising and winning racing yachts.

NOTE: DESIGN PROTECTION

To protect our work real waterlines, appendages and definitive exterior design are not shown on this documentation. Our lines and appendages are designed for speed and sea keeping abilities, from a design point of view the lines are finer of what seen around, they are for speed but first for sea keeping ability and for a smooth navigation. Appendages benefit from a long research begun on the racing field year ago. Shown exteriors are real but without last refinement and style details.

STRONG POINTS

MoanaCustom realized that a transfer of our fine craftsmanship, finish and know-know how, that made *MoanaBluewaterYachts* famous, from our monohulls to a high performance cruising catamaran line, it is something still not seen.

SuperCat66' comes from a concept by Vittorio Malingri, solo ocean racer, multihulls records holder yacht designer and boat builder. Malingri and Marco Veglia, VMV YD head designer, pushed forward the whole concept in a new 66' design, to obtain a very fast and seaworthy luxury cruising cat able to carry the extra weight of cruising gear and comfort, like the modern maxi-yachts do.

As professional sailors and yacht owners we know that a boat must fulfill various needs and desires. Personal, family, corporate, multiple use for the same investment and care time. Multihulls "do it better" cause they are fast and spacious, but as we all know weight is the counterpart, but also waterlines, appendages, design centers, bridge-deck high, sail plan, weight concentration are determinant points. *MoanaCustom* asked VMV YD the same care in the naval architecture as it was a project for a racing catamaran intended for endurance use.

MoanaCustom yachts must be elegant, fast and reliable, making them the state of the art of Italian sailing yachts. *SuperCat66'* stay in the same vision and it's made by the same people; sober boat aesthetically speaking, cause our yachts must age without loosing charm and value.

SuperCat66' sail fast and smooth in cruising charge and resist to prolonged waves and wind stresses without fear for the structure, once lightened and sailed with skill it is really fast. It is a last generation high performance cruising catamaran, designed in 2021 is built for safe ocean passages in both directions and luxury and comfortable holidays in warm or cold climates.

SuperCat66' has no compromise sailing abilities to be a major player in the circuit. VMV designed narrow and deep waterlines, a high bridgedeck, effective appendages, a sail plan optimized for a wide range of situations, short handed maneuvers but that can also be played by a crew.

Introduced smart structures, placed weights and on board systems in the longitudinal centered, as required by fine sailors and expert navigators.

Layouts for cockpit, living area and hull interiors are intended for a real cruising use, this also in the **RACE** and **PRO-RACE** versions. Volumes, air and light are in the average parameters of these yachts, with more internal height, great storage place and bigger tanks for long passages or liveaborders.

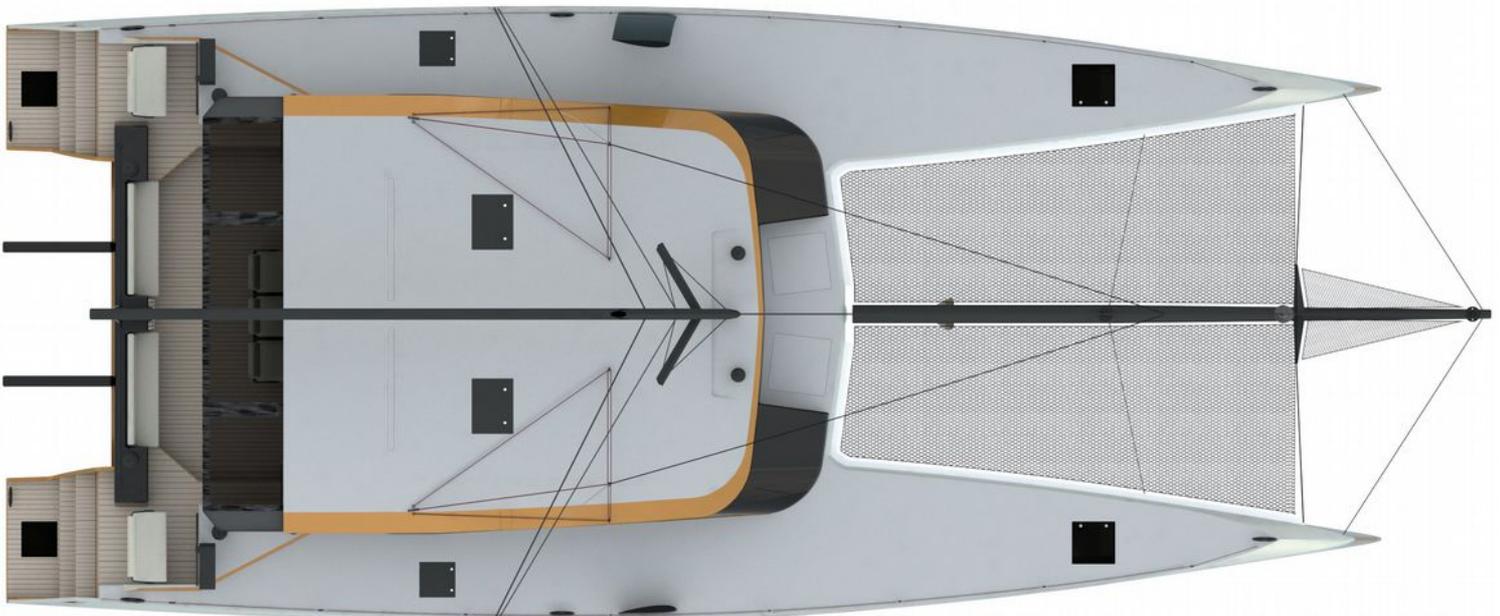
Special attention has been given to the all on-board systems, to be light and fuel savings also if full equipped. All materials and devices used are of the best quality, they burn and pollute less possible and are integrated in smart chain for a better performance, back up and working life.

SuperCat66' is available also with diesel Hybrid, electric In-grid or full electric propulsion.



THECNICAL SPECIFICATION

Builder:	Eleva Yachts & <i>MoanaShipyard</i>
Naval architecture :	VMV YD
Interior design :	VMV YD or selected by Owner
Structures:	VMV YD
Hull length:	20,11m
L.W.L:	20,11m
Bmax:	8,89 m
Draft :	1,30/3,30m
Displacement light ship:	14000>19000 kg depends from the version
Displacement max load:	18000>23000 kg " " "
Water clearence	29,5 m
Mast tube lenght	24,65m
T.sail area upwind (main- genoa):	236 m ²
T- sail area downwind (main- code0):	278 m ²
Main Sail:	123 m ²
Code 0:	155 m ²
Genoa	113 m ²
Staysail	49 m ²
Storm Jib:	17,5 m ²
Fresh water tanks	2 x 1000 lt
Fuel tanks	2 x 1000 lt
Grey water tanks	2 x 250 lt
Black water tanks	2 x 80 lt
Engines: center hulls position for	2 x Yanmar 4Jh57RC-57HP (option 80/110 hp)
Generator:	Wisper Power 5kw (Option 10-12kw)
Watermaker:	ZP 220 l/h (Option 320 l/h)
Transmission:	ss shaft Max Prop 3 blade





SuperCat 66' - high performance cruising catamaran.

VERSIONS & CUSTOM

Owners must have a “very personal” SuperCat66', be happy and proud of it. *MoanaCustom* produce to the higher standard for very demanding clients, this our is why yachts include in their base versions more sophistication and most of the equipment everybody wants. We just leave as optional those features, gears or systems, useful to type the yacht in the speed or comfort directions, or both.

There are three base versions to start from:

- **CRUISE** Luxury finished and equipped. Proposed in two main cockpit/saloon layout and various hulls layouts. The real cruising yacht for holidays or live aboard.



- **RACE** A minimal cruiser-racer, that can be upgraded for : speed and racing, long range navigation , or upgraded in finish and comfort for a total cruising use.



- **PRO-RACE** More sophisticated and light than the RACE version. Can be completed as a high performance luxury yacht with an overall weight good for racing at the highest circuit levels.

Starting from one of these three version's general layout we offer full custom possibilities on everything. Not only interiors, rigging, systems, but even deck and roof. The steering position, for example, can be placed aft on the hulls, in the classic catamaran position just behind the roof, or under the roof in front position near a front door to access the mast cockpit.

We will deliver you the yacht of your dreams, made for your use .There is a **Comfort Upgrade** that can be made on **RACE** and **PRO-RACE** versions layout to raise the comfort and the finishing. More toilets, choice between double bed or two single bunk in every cabin, crew quarters, more powerful engine, more systems and stern or topside hydraulic swim platform. There's also a **Speed Upgrade** possible on the **CRUISE** versions, high technology platform, **RACE** or rotating mast, **RACE** appendages.

ADDED VALUE

MoanaShipyard, the yard that makes since 1982 the series of the *MoanaBluewaterYachts* monohulls, a “cult” among navigators and globetrotters, is well known for his high quality building, finishing and professional plants. *MoanaShipyard* choice is to remain a small artisan yard and bring on tradition. Are the very hands of Vittorio Malingri in person, and those of his old team that continue to design and build, at the state of the art ,also what you do not see, without industrial tricks and using quality materials. This is the secret for a safe and practical use at sea or at the anchor or moored to a dock, as it is for comfort, reliability and finally and for speed and fun.



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The global quality at *MoanaShipyard* is achieved through a design and engineering process strong of an extraordinary "in house" know how about sailing and boat building. Over 130 bluewater cruisers, the mythical series of classic *Moana*, and racing and cruising full custom one off. An experience long a million miles sailed by the Malingri family, more than half by Vittorio in 50 years, in cruising and school sailing world wide, and successful racing IMOCA60', ORMA trimarans in solo and double-handed ocean races, and still ocean record holder on a F20 of his conception. His knowledge on multihulls is highly regarded.

CONSTRUCTION'S PARTNER & TECH



Custom SuperCat 53' - high performance cruising catamaran

MoanaCustom is very sensible to the performance, reliability and safety of the yacht, globally speaking. VMV YD has a special reputation for the design of performing and seaworthy waterlines, sailing details and charming exterior and interior design, a huge experience on structures and in the choice of reliable inboard systems.

MoanaShipyards shed is dedicated to the production of the *MoanaBluewaterYachts* monohulls line of and can host *MoanaCustom* monohulls up to 65' and multihull up to 50'.

For bigger yacht we have a well tested joint venture with **ELEVA Yachts**, one of the most qualitative Italian shipyards, with which we have a long time collaboration on each other big projects. **ELEVA Yachts** is a division of **Carbon Line s.r.l.**, one of the two biggest lamination unit in Europe, worldwide known and regarded for the lamination of top quality luxury yachts as Benetti, Pershing, Riva, Azimut, Franchini Yachts, Mangusta and others top class maxi yachts. **ELEVA Yachts** is the finishing unit, has it's own line of quality sailing yachts and finish for third party some of the yacht laminated by **Carbon Line**.

SuperCat66' Owners, in order to have the best financial protection from a big company and a direct control on the building, will have a direct relationship and a building contract with **ELEVA Yachts**.



MoanaCustom manage and direct the construction in the hosting shipyard. A *MoanaShipyard* team fit gear and systems, as a supplier of *ELEVA Yachts* that build the composite, the interiors and take care of a final internal and external top quality finish .

VMV YD bring in his competence on the whole construction, from composite to furniture making directions, from sweet water pressure system to the most complicated hydraulic, electronic plant or engine room.

It is an old experience, in continuous evolution. Structure lamination process and materials are chosen to give the best performance/cost ratio, plants power consumption, reliability in every sea and wind state, dimensions and weight.

All have been studied for years and upgraded with the new coming materials and gear. The philosophy is to have the maximum comfort possible with the minimum weight and power consumption. Catamarans are sensible to weight, the planet is sensible to pollution and energy use, so it is time that we are following a new path using the latest SMART technologies and optimizing instruments or apparatus chains. Up to a an electric or hybrid unit.



SuperCat 66' RACE & PRO RACE saloon.

Just to give some example: standard engines are not much more bigger than a generator so we opted for a mechanic 220/320 lt x h water maker on one engine and a mechanic AC 5Kw power alternator on the other to run all average on board systems. A more powerful group is needed only for air-conditioning.

Engines are Yanmar, the transmission is a shaft line by Reggiani. You can find spare parts and repair or change your shaft also in the water. System components are Whale, Vetus, Victron Energy, Mastervolt, Forespar, Jabsco, Lofran's, Indel-Webasto, Wisper Power, Onam or Kohler, Lewmar for hatches and portlights, Lorima or Southern Spars form the rigging, Antal and Andersen for the deck gear. Apart to be leaders in their field and appreciated for they are available almost every were. But If he wish the Owner can request his favorites brands for exterior or interior gear, and we will help him to choose the good size and type.

SELLING PHILOSOPHY

MoanaCustom are for real sailors, a “cult” among expert Owners with a strong passion and a clear vision of his own yacht, accustomed to use it at sea, at the anchor or moored at a dock.

A *MoanaCustom* is a very peculiar yacht: true, rich, made with extreme care. A high quality construction, the state of the art of boat building, made with passion, skills and the best materials.



Moana 45 Classic , 1982's design. The first Moana ever produced is still sailing .

To contain the construction cost *MoanaCustom* have a “soft approach”, nearer to the client. We are artisans selling they work, not trading gear, we keep marketing and promotion expenses very low so they are only a tiny part of the yacht cost. The client pay all materials used in the construction and equipping the yacht at the discounted shipyard price. The final price of a *MoanaCustom* is 90% “weight and labor” and include: the designing of external and internal variations, the consult for the choice of all optional gear, the shipyard discount to buy them; from rope and sails to the tender or electronics, from safety materials to crew whether clothing or mooring gear.

This approach allow to buy a very high quality yacht, designed and built for a professional use, highly customized on the Owner needs at a final cost that is very near to a quality series boat, built with an industrial method and where a huge part of the customer price pay marketing and trade chain.

We have built our brand for 40 years on the fame of our product and on the customer care. The added value coming from our design and navigation experience is unique. The quality level of the construction and the quality/cost ratio are hard to be found.

A *MoanaCustom* yacht is an absolute value that remains unchanged while sailing through the time.