



TAG 60

HIGH PERFORMANCE LUXURY CRUISING



EXPLORE AND DISCOVER

Let the TAG 60 take you to places where most wont even dream of.....

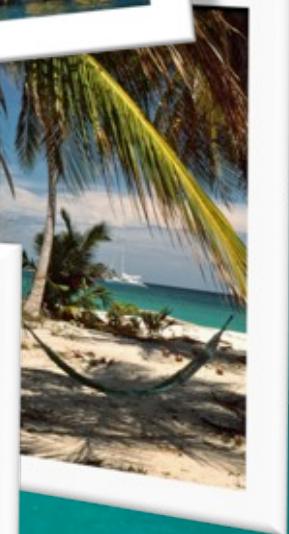


With the TAG 60 enjoy the ride, get there quickly, safely and then relax in the comforts of your home on the water on your terms.

Explore and discover what most will never even dream of !!!



Dream, Destination anywhere



Living the dream - discovering boating only destinations



LOA (Hulls)	18.3m
LOA (Bowsprit)	20.65m
LWL	17.2m
Beam overall	8.4m
Draft rudder	1.2m
Draft centerboard down	2.5m
Bridge deck clearance	1.3m
Displacement with no payload	12.600kg
Displacement Loaded	15.600kg
Gross Tonnage	31.4 tonnes
Maximum Crew	8
Fuel capacity	2 x 580litres
Water capacity	2 x 400litres
Black water capacity	2 x 200litres
Height to top of mast above water	27.588m
Mast length	25.5m
Boom length	7.8m
Sail area (Main + Self tacking Jib)	247sqm
Mainsail area	154sqm
Code Zero area	180sqm
Light air jib area	118sqm
Self tacking headsail	75.0sqm
Staysail	34.0sqm
Asymmetric Gennaker	340sqm

GENERAL SPECIFICATIONS

Port Aft Cabin

- Double berth – 2 x 1,4m mattress
- Leather headboard
- Twin LED reading lights
- LED cabin lights
- Leather settee
- Hanging closets
- Drawers for storage
- 24V ceiling fan x 2
- Solid wood flooring
- 2 x Large portlights and 1 x Lewmar 44 hatch
- Individually controlled Airconditioning

Port Mid Bathroom

- HeadHunter automatic toilet
- Designer Taps
- Large shower
- Glass shower door
- LED Lights
- Extractor fan
- Under basin locker
- Concealed Washer Dryer

Port forward Cabin

- Double V berth 2 x 1,2m
- Leather headboard
- Twin LED reading lights
- LED cabin lights
- Hanging closets
- Drawers for storage
- 24V ceiling fan x 2
- Solid wood flooring
- 2 x Large portlights
- Individually controlled Airconditioning



Starboard Aft Cabin

- Double berth 2 x 1,4m
- Leather headboard
- Twin LED reading lights
- LED cabin lights
- Leather settee
- Hanging closets
- Drawers for storage
- 24V ceiling fan x 2
- 2 x Large portlights
- Ensuite bathroom
- Individually controlled Airconditioning

Starboard Mid Bathroom

- HeadHunter automatic toilet
- Designer Taps
- Large shower
- Glass shower door
- LED Lights
- Extractor fan
- Under basin locker

Starboard forward Cabin

- 2 x single berth bunks
- Twin LED reading lights
- LED cabin lights
- Hanging closets
- 24V ceiling fan x 2
- Solid wood flooring
- 1 x Large portlights
- Individually controlled Airconditioning

Starboard Fwd Bathroom

- HeadHunter automatic toilet
- Designer Taps
- Large shower
- Glass shower door
- LED Lights
- Extractor fan
- Under basin locker



TAG60 HULL PLAN

Salon

- Leather settees
- Storage under settees
- 4 x Large sash windows
- 2 x corner table lamps
- LED cabin lights
- Coffee and dining table
- 37 inch TV
- Bose entertainment system
- Skylights with screens
- Solid wood flooring
- 4 x Lewmar 44 hatches

Coffee Bar area

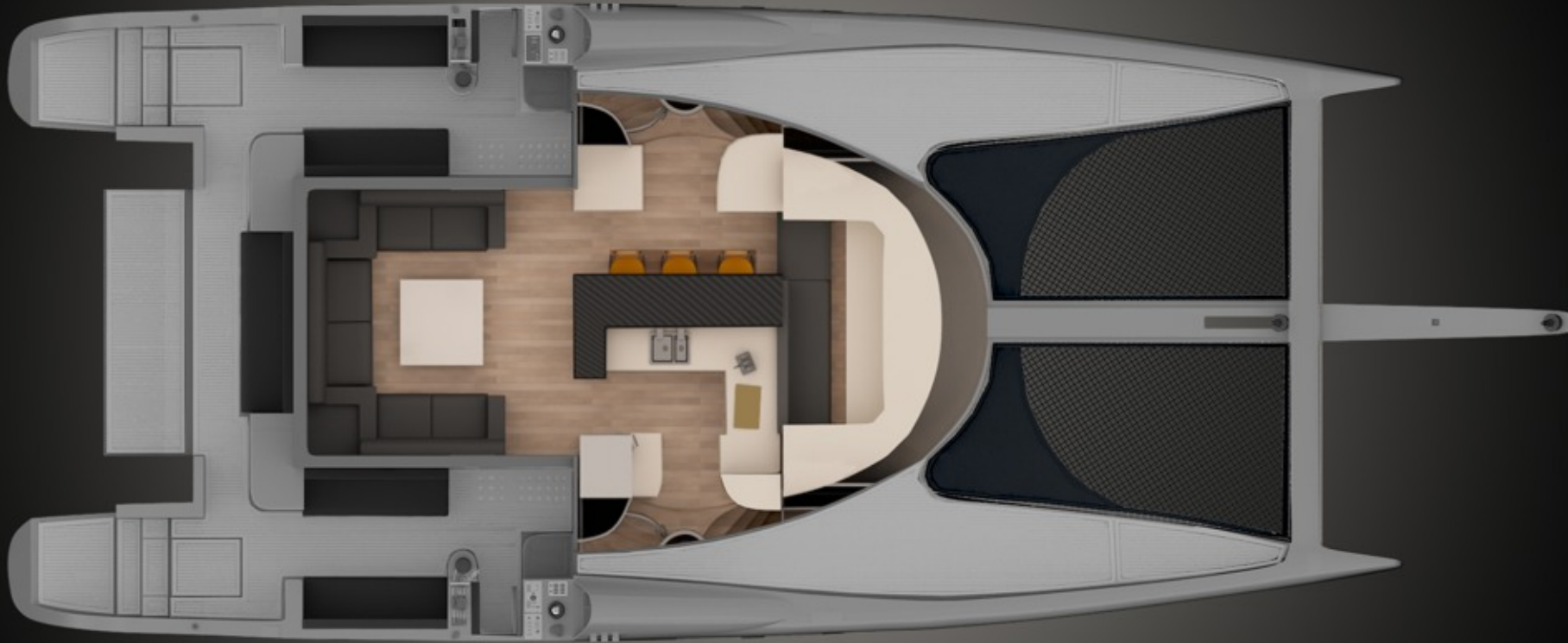
- Carbon bar counter
- Custom Carbon Bar stools
- Drinks/coffee bar cabinet
- Ice maker
- Storage cabinet
- Skylights with screens overhead
- Solid wood flooring

Galley

- Surino counter tops
- Designer taps and double sink
- Gas stove with 4 burners
- Gas oven
- 2 x 180liter Fridge /freezer combo
- Fisher Paykel dishwasher
- Pot drawer
- Sliding Dustbin
- Pantry cupboard
- Storage cupboards

Navigation station

- Panoramic view
- 3m bench and chart table
- Storage under bench
- Twin dashboard – Navigation and computer
- B&G Navigation package
- VHF and communications
- Hydraulics control panel
- Power management control panels
- Watermaker control panel



TAG60 SALON PLAN

Aft Deck

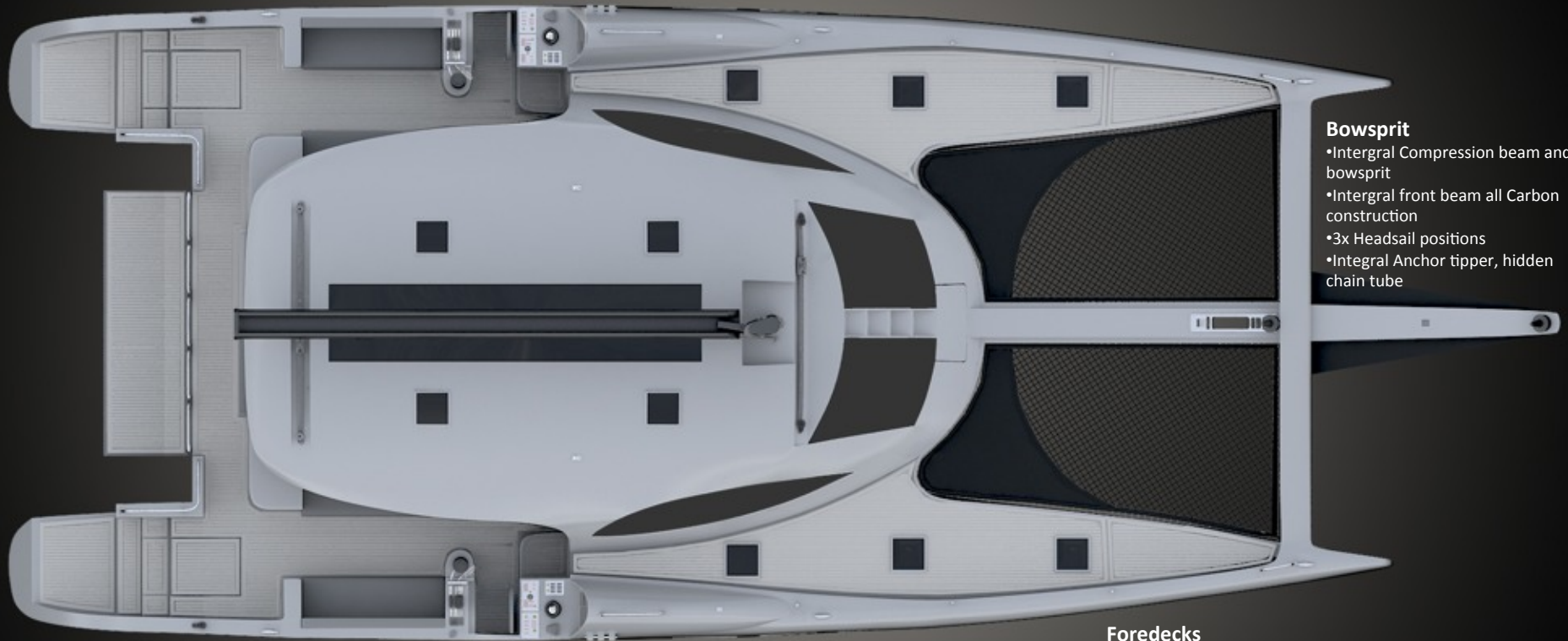
- Integral basin with faucet
- Integral Gas BBQ
- Large bench seat
- Deckwash
- Hot and cold shower

Aft Cockpits

- Seating for 6-8 people in each cockpit
- Comfortable seating and back rests
- Removable Cockpit table
- Storage under seating

Cockpit

- Outboard helming position with perfect view of sails and course sailed and docking
- Duplicate functions Port and Starboard
- Hydraulic controls for Mainsheet, Main Traveller, Jib Sheet, Vang, Centerboards
- 1 x Harken 80 Electric winch per side
- Custom Carbon steering wheel
- Control lines led back to winch pedestal under deck



Bowsprit

- Integral Compression beam and bowsprit
- Integral front beam all Carbon construction
- 3x Headsail positions
- Integral Anchor tipper, hidden chain tube

Dinghy Platform or Davits

- Cradle for 3.8m Dinghy
- 3 positions – Up, mid, down
- Electric winch hoist

Transoms

- Extra wide transoms
- Inboard retractable ladders
- Hinged gas lift engine room hatches
- High bulwarks for comfort and safety
- Hot/cold showers
- Pop up mooring cleats

Foredecks

- Flush level decks
- Flush Lewmar deck hatches
- Custom trampolines with tight mesh for comfort and wide mesh for clear airflow
- All control lines below deck for uncluttered decks
- Custom XL bow locker hatches for easy access
- Starboard bow – workshop and storage
- Port Bow – Sail locker



TAG60 DECK PLAN

UPPER DECK LIVING



The interior styling is one of simplicity, clean lines, light and space. A modern contemporary Italian apartment style is what comes to mind. By combining modern synthetic materials, Carbon and white and pink Beech wood finishes, with designer lighting and fittings the result is a warm but classic feeling. The upper deck and living area comprises of a well laid out galley with panoramic views and good ventilation, which is designed with the cooking triangle in mind. The galley serves directly onto a carbon bar counter with comfortable seating for 4. The galley is simply laid out but has all the conveniences from stainless steel finish double fridge/freezers, gas oven, stove, dishwasher and designer sinks, Washer/Dryer, Icemaker and combi microwave.

The saloon/lounge area which is towards the back of the yacht is enclosed unlike traditional designs. The large aft electrically controlled sash windows drop into the walls to connect to the outdoor cockpits. One can thus control the air flow and also have one side open and the other closed in breezy weather. The leather seating is ample for 8-10 and the saloon table doubles as a dining table with variable height and also moves aft to ensure comfortable dining. LED lighting is task specific and dimmable. The unique connection between the interior and exterior spaces allows each person their choice of space but everyone is still together.

Apartment style living on the water with all the comforts

CABINS



The Classic layout has 3 Double cabins, a bunk cabin and 3 bathrooms. The aft cabins have 1.4m wide extra length beds with luxurious mattresses.

Cabins

- Each cabin has individually controlled air-conditioning
- LED lighting which is both dimmable and dual switching
- Ventilation fans, opening hatches, large port-lights for light and views with blinds for privacy
- Cupboards – both hanging and drawers
- Vanity mirror and electrical plug points

Bathrooms

Each bathroom has a separate shower and automatic toilet and extraction fan. The designer fittings, carbon tops and natural beech wood finishes continue the light, airy spacious feel.



SAFETY FIRST

The TAG60 is a high performance yacht but just like any super car this performance comes with an array of safety features designed to make it fun.

- **Auto Release** – one can program different performance modes to suit the conditions and sailing or cruising style. The auto release automatically sounds an alarm and eases the main sheet, main traveller and self tacking jib sheet to depower the yacht completely. The program has different settings predetermined by the owner. Typically we set the system at 60% of righting moment for night sailing ensuring the captain can sleep with confidence when off watch. 80% is the setting for fast safe cruising ensuring you get to your destination at a good pace in good conditions. 100% is set when the conditions are perfect with constant wind, comfortable sea states and you have competent crew who are up for high speed sailing and fun.
- **Max Heel angle** – The inclinometer reads the heel angle and does not let the yacht go above this by automatically easing or totally releasing the main, traveller and jib sheet. The max angle is also programmable by the user.
- **Rig Load sensors** – the rig load sensors read the load and if the maximum setting is exceeded once again an alarm is sounded and the sail controls are released.
- **Centerboards** - Another safety feature is the hydraulically controlled centerboards which can be raised in heavy weather to once again allow a safer ride. Fixed keels cannot be adjusted and this makes a catamaran vulnerable in big beam seas where resistance to side slippage can be very dangerous.
- **Engineering** - The hull and superstructure were engineered with a full FEA by Gurit – SP High Modulus and the custom carbon rotating rig by AES. The top engineering firms were contracted to ensure the TAG60 performs to its expectations. No short cuts have been taken.
- **Cockpits** – The cockpit and aft deck have high bulwarks to create a safe and contained feeling. One does not experience that feeling of “ I can slip and go under the guard rail” feeling. All the decks are also level and clear of ropes giving one the confidence to move around safely.

These are 6 safety features designed to ensure you have fun within the limits of your choice. There is no other sailing catamaran in this class that offers this level of safety and peace of mind with the performance on offer. Of course all the standard safety features that apply to an open ocean, class “A” sailing yacht designed to sail around the world are standard too.

So all in all we have designed and created an exciting true sailing catamaran with a lot of safety features which can be easily managed by 2 crew.

Just as one reviews the safety features when buying a vehicle so should one consider the safety systems of an ocean going yachts and ultimately your home.





HIGH PERFORMANCE SAILING

Say no more !!!

SAILING THE TAG60

The TAG 60 was built with ease of sailing in mind. This is practically the largest yacht a couple would want to handle. The 60 foot range of catamaran provides good performance, and manageable maintenance schedules, which ensure you are able to enjoy the sailing lifestyle. The TAG 60 offers excellent sailing capabilities on all points of sail and with the hydraulic joystick controls all functions are easy to manage from each of the dual helm stations by the captain.

Helm position

When you sail this yacht you will feel truly connected and part of the boat. The helm position gives you a perfect view of looking forward to see the oncoming sea so that you can stay in the "groove" and react to any changes. One can see straight down the outer hull and you can sail the big cat like you would a beach cat. This allows for a smoother and more responsive ride. The helm position also gives you a great vantage point to view the sails. Trimming is precise with the hydraulic system. Docking is a breeze as the helmsman has a clear view and there is no need to ask anyone for distance information.

Rudder response

The feel of the solid link steering system is direct and gives good feedback, similar to a vehicles system. Once again you feel as if you are part of the boat. You can truly sail the boat on feel. The instruments are there but this design allows you to feel the performance and when you are in the groove you can really experience sailing.

Handling various sea states

Even when sailing into short choppy seas, the motion is comfortable with no slamming or pounding due to the high 1.3m bridgedeck clearance. The boat is very stiff and there is no flex in the structure. This makes the motion very comfortable as the response to the sea state is very direct.

Tacking

Tacking is smooth and the boat passes through the eye of the wind easily. Even if you don't have max speed there is little chance of stalling. The boat is really manoeuvrable.

Hydraulic operations

It takes some getting used to, but having the convenience of joystick controls allows you to manage, trim and sail the TAG60 with ease. The helmsman can make adjustments without asking anyone to help or having to relieve the helm. Physically it is obviously less demanding and this means you will constantly trim the boat as needed.



SAILING PERFORMANCE



Although the TAG60 has an impressive top end speed and will thrill those who push her to her full potential the biggest benefit is its light air performance. Its all about enjoying the journey and if you can get to your destination faster and safer then this translates into more relaxation time. The TAG60 will comfortably do 300mile plus runs per day. In todays fast paced life our vacation and leisure time is precious. Lets sail fast and then live slow!

Light Air sailing

In Light airs from 6-15 knots of true wind the TAG60 equals the wind speed and regularly exceeds it by 20%. This means you will be sailing when most are still motoring. This yacht is designed for the sailor who enjoys sailing. Good light performance means the sea state will be flat and comfortable so the sailors can enjoy the sailing thrill, while family and friends can relax not even knowing the speeds being sailed at.

The added safety benefit is that with the performance range is that one can avoid uncomfortable weather situations by either sailing around or away from them.

Upwind sailing

The TAG60 does not sail like a traditional catamaran upwind. With the centerboards and powerful sail plan with a carbon rotating wing mast, the TAG60 regularly out points and out sails larger mono-hulls. Eg. 10 knots of True wind will equal a boat speed of 12knots at 40degrees to the true wind and about 25 degrees off the apparent wind.

Reaching

This is the fun angle with the TAG60 having little resistance in the water due its slim hulls and a very powerful sail plan. Once the speed is up and the apparent wind is generated, the TAG60 can crack off to broader wind angles and still maintain the speed. The rotating wing mast and powerful headsail plan keep the apparent wind forward.

Down wind

Deep down wind sailing is similar to a racing catamaran. Once again generate the apparent wind and dive off the wind. During sea-trials on a 20knot breeze day, we had the TAG 60 sailing at 18-24 knots at 150 degrees off the true wind with the apparent wind angle sitting at 40 degrees. Truly impressive.

Rotating mast

This is the secret weapon. Rotating the mast means you can adjust the camber of the mainsail from 6-13 degrees. What this translates into is that you have a huge range where you control the power. To accelerate max rotation is applied to generate the raw power of a deep foil. Once you gain speed a finer entry is required to minimise drag and thus one reduces the rotation. This also dramatically increases the wind range without having to reef the main sail.

Sail options.

The standard sail package is a square top mainsail with easy hoist, self tacking jib and staysail. The headsail options are a 118 sqm light air jib, 180 sqm Code 0 and a 340sqm top down furling asymmetric Gennaker, all made by Quantum sail in Fusion technology to give the best blend between high performance and longevity.

Controls

The sail controls are either via hydraulic rams for the mainsail, main traveller, self tacking jib sheet, centerboards or via the 3 speed 24V Harken winches. Hydraulic controls are via 2 joysticks so all functions are close at hand and intuitive so there is no need to search for buttons.



TECHNICAL

The TAG60 is one of the most technologically advanced sailing catamarans in the world today. The TAG 60 is fitted out with the leading brands in the yachting world. Many items are custom designed specifically for the TAG60 with its unique power and load demands.



RIGGING

- 600x300 Carbon Roatating wing mast
- Carbon Park Ave style Boom
- K49 Kevlar Standing Rigging
- KZ Searig Furlers
- Awantec Halyard Locks

SAIL HANDLING

- HARKEN Winches 80
- HARKEN CUSTOM sheaves
- HARKEN Mainsail, Jib tracks
- SPINLOCK ZS , XT Jammers
- Reckmann Furler
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SAILS

- Quantum Fusion Square top Mainsail
- Quantum Fusion Self Tacking Jib
- Quantum Staysail
- Quantum Light Air Headsail (option)
- Quantum Code 0 (option)
- Quantum Furling Asymmetric Gennaker

NAVIGATION

- NSO network MFD System
- Simrad AP24 Autopilot system
- B&G H3000 base packMHU pack
- B&G speed and depth sensor pack
- B&G sensor For H3000 system
- Simrad RS 87 3 station vhf
- Simrad 3G Broadband Radar

SYSTEMS



HYDRAULIC SYSTEM

- 220V AC or 24V DC Hydraulic power pack
- AES Hydraulic rams for Mainsheet, Main traveller, Vang, Jib and centerboards
- Progressive controls at both Helm Stations
- Programmable safety modes
- Auto realease safety on Mainsheet, Traveller and Jib Sheet

AIR CONDITIONING

- Central Chiller unit options for 144V or
- Individual Fancoil units for all cabins and salon
- Salon 2 x 16 000 BTU
- Cabins 4500 BTU
- MARIX variable speed compressor with soft start
- Reverse cycle Heating

DIESEL

- 2 x 75hp Yanmar diesels
- 2x SD50 Sail drives
- 2 x Autoprops Feathering
- 1 x 8kw AC Fisher Panda Generator
- Mastervolt Electrical management system
- 5kw 220V Inverter/charger 120A
- Diesel tanks – 1100L

STEERING

- Jefa Direct link steering system
- Balanced high aspect rudder blades
- Jefa Autopilot direct drive system
- Emergency Steering
- Custom Carbon Steering wheels

ELECTRICAL

- Mastervolt digital switching system
- 720ah Mastervolt Lithium Ion batteries
- Mastervolt chargemaster 100/24
- 2 x Mastervolt 150amp 24V alternators
- 2x 2.5kva Mastervolt inverters
- Mastervolt Mass GI shorepower
- Masterview colour touch screen
- MV and WEMA Tank Sensors
- Roca LED lighting

PLUMBING

- 2 x 400L water tanks
- 1 x Spectra Newport 400 watermaker
- HeadHunter fresh water pumps
- HeadHunter toilet system
- Accumulator tanks
- Grey water system
- Black water system with pump out
- 2 x Manual bilge pumps
- 6 x Electric bilge pumps
- 2x 50 L water heaters

When forming TAG yachts it was decided to find a designer who shared a similar passion for multihull sailing and innovative design. The choice was limited and quite easy to make as Greg Young shares the same enthusiasm to push the boundaries of design and development of the next generation of catamarans. Greg has vast sailing and racing experience and comes from a design and building background which is evident in his designs. His signature styling is unique and a fresh outlook on the future of sailing catamaran design

Design Brief

The brief for the design was to create a high performance sailing catamaran that could be sailed easily by a crew of 2. The 60 foot size was chosen as this is practically the upper limit that a couple can handle when balancing performance, maintenance and general sail handling. The idea was to build a yacht which sails really well from the light airs and has excellent handling characteristics in all conditions. Safety is paramount to having fun and this means everyone on board needs to feel safe.

When designing a yacht there 3 important factors to consider and they all influence each other. These are Comfort(luxury), Performance and Cost. Typically if the yacht has high levels of luxury one then sacrifices performance as the weight increases. If performance is given priority then the comfort factor diminishes. Trying to achieve both means an increase in cost. Greg Young has found a balance of comfort and luxury with a high level of performance which the true sailor will enjoy.

So the result is a catamaran which outperforms all others in her class and will even satisfy mono-hull sailors with her upwind abilities, with safety and fundamental design features which result in a safe and comfortable motion. This ensures you enjoy the ride whether is for a day sail in local waters or an ocean crossing to your dream destination. The comfort and luxury factor with the designs unique layout provides one with all the creature comforts of home to enable maximum enjoyment at anchor, wherever you are.

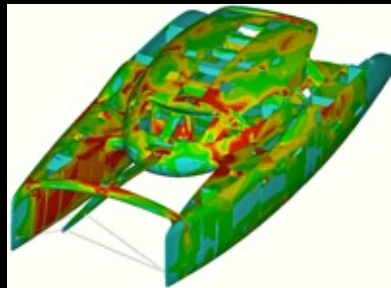
Engineering by High Modulus

The TAG 60 has been engineered by GURIT High Modulus Ltd and is the very latest in high tech construction materials and techniques using full female tooling. The TAG 60 features a full carbon construction, vacuum consolidated laminates, using Gurit epoxy resin systems and post-curing to achieve ultimate structural properties. The TAG 60 enjoys many compound curved shapes and like an egg shell - they are inherently stronger than the flat panel shapes as seen on most catamaran designs.

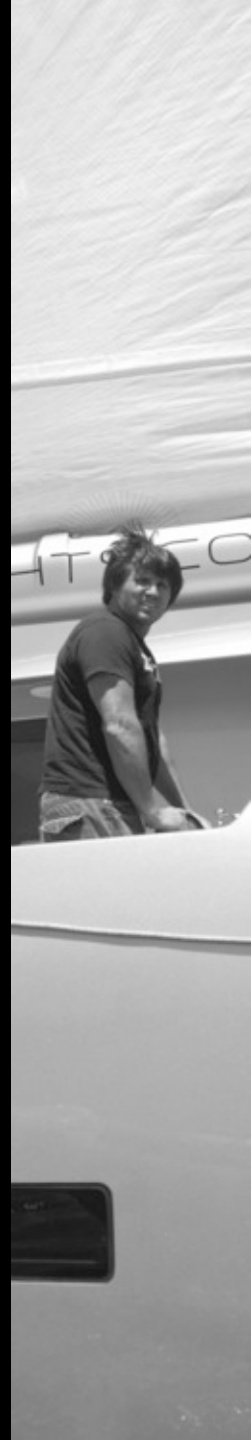
The structurally integrated carbon forward beam, cross beam and bowsprit along with 17 bulkhead and ring frames make up an extremely stiff and strong superstructure which not only performs well but makes for a very strong catamaran. There is only a small fraction of flexing and movement, even when fully loaded compared to the majority of sailing catamarans. Once again this translates into a safe yacht capable of world cruising with confidence.

Built by TAG Yachts

The TAG60 is built by TAG YACHTS to CE standards and in accordance to the Gurit engineering specification. Quality control checks are conducted and samples sent to laboratories to ensure the standards are adhered to. The whole production process is inhouse so we have complete control over the process and quality. TAG Yachts maintains a close working relationship with all its suppliers not only in current practices but in developing new innovative products and processes in the ongoing quest for the best possible results and end product.



DESIGN AND CONSTRUCTION





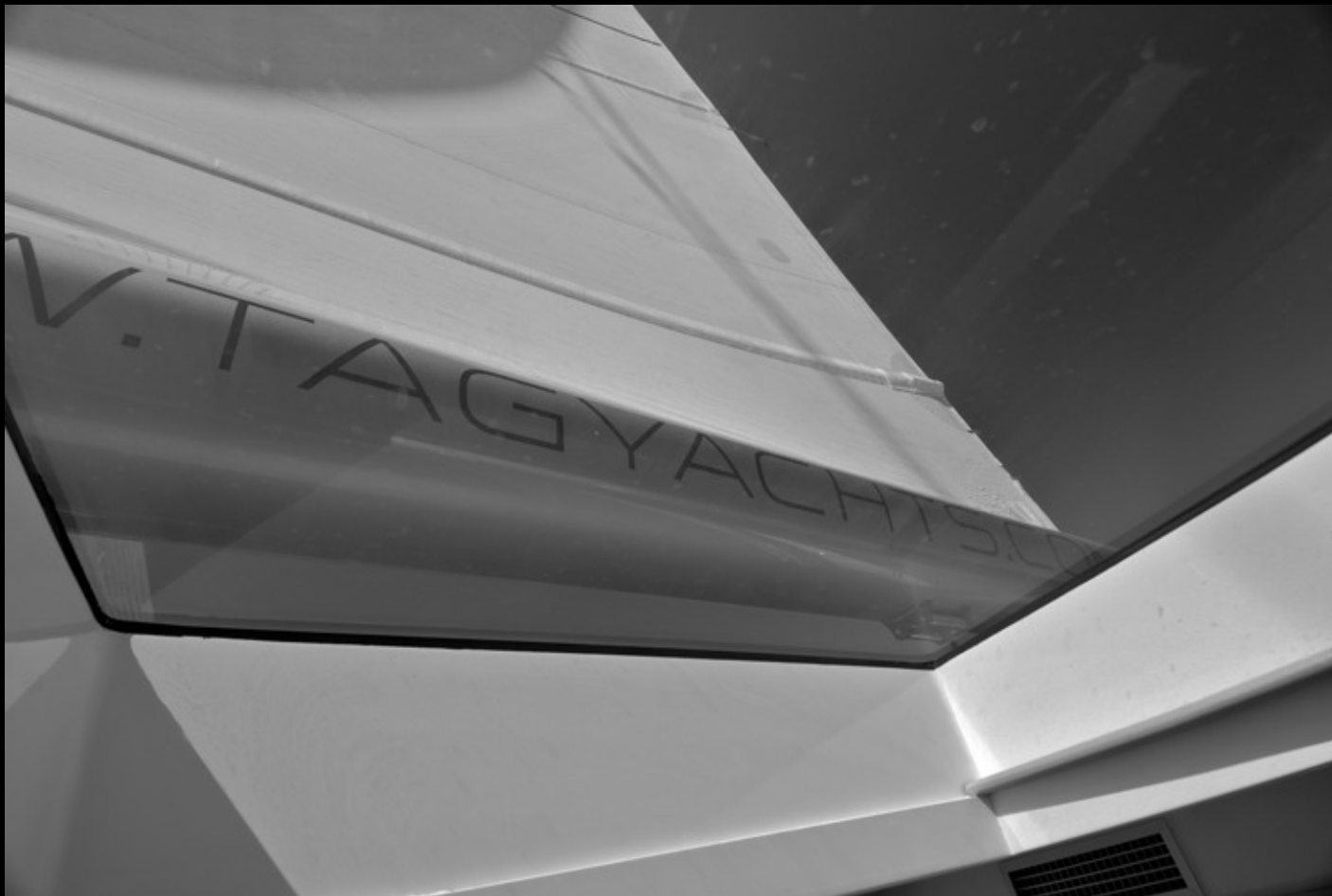
ABOUT TAG YACHTS

TAG YACHTS is situated in the unique and picturesque village of St Francis Bay on the coast of the Eastern Cape, South Africa, which boasts its own port ideal for visiting sailing yachts and boats. St Francis Bay is ideal for all sailing and water related sports as it is on the sea, alongside a river and has a unique canal system.

TAG yachts was established in March 2007 by like-minded people with a passion for sailing and building high performance cruising catamarans. We have established Tag as a forward thinking company, focused on developing the next generation cruising catamarans. We have engaged the top catamaran designer, Greg Young, and put together a team of professionals with complimentary talents to take TAG into the future. New technology and techniques have been incorporated into all our catamarans to aim towards a sporty look with emphasis on functionality and efficiency. TAG is currently building the next TAG 60 catamaran which has been designed to be the ultimate world cruiser.

TAG Yachts in association with Young Yacht design will be launching several new models in the near future ranging from 30 foot sport catamarans, to a 45ft adventure cruiser and larger custom yachts.





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