

Renaissance Design



The Slovenian Approach

Leading the present design movement among others is the extremely gifted designer and stylist Jure Bukavec.

With Uniellé yacht design he has taken yachting in some dramatic new directions.

Many yachting industry authorities agree that the modern era of yachting began around 1982 with the advent of large production efforts around the world of motoryachts over 100 feet (33 m). Design competition was seen coming primarily from the US, Europe and Australia during that time. Famous designers such as Jan Bannenberg, Paolo Caliani, and Gerhard Gilgonast were leading the charge with radical new ideas albeit without refinement of critical details. In 2009, another generation of young designers has emerged. Where the designs of the 80s were almost gothic by nature of being the first wave of ideas still drawn by hand, the new concepts are more akin to the Renaissance period where the use of 3D CAD (computer aided design) has given much more freedom of expression while incorporating an amazing attention to engineering details. This second generation of skilled designers, had the opportunity of studying the work of the earlier masters, and they have leapfrogged their mentors and become the new savants of the early 21st century.



Newest Project

Establishing Uniellé a couple of years ago, Jure was challenged by the GenTech Yachts Ltd team of engineers to turn the yachting page and create a Megayacht that will literally 'float outside the box'. Uniellé and Meccano of Trieste, Italy (a key contractor for Fincantieri and Benetti Shipyards) had the daunting task to meet the ergonomic requirements and desire for graceful styling demands of GenTech, while maintaining the strict requirement for being sized small and nimble enough to be able to berth in marinas around the world. Jure was asked to work closely with Meccano whose engineering developed a hull form that would cruise an extremely long range over 5,000 nm at 12 knots.

Soraya

The newest project coming from GenTech is the Soraya. She is the second generation of yacht design that has taken full advantage of computer programs and new materials that combines the best of both worlds of the highest technology

while allowing her engineers to study all life style details prior to fabrication of any part.

Jure has developed styling lines, space plan, and the interior arrangement for Soraya that stand uniquely alone in concept. When one scrutinizes this design carefully, they will notice that there is no gear on deck to clutter the lines. All of the cranes, tenders, water toys, fenders and other deck gear are stored inside the shape of the hull and superstructure. Looking aft from the bow, we see a very clever helipad that sweeps beyond the sheer line of the forward bulwarks to port and starboard. This heliport which can either be raised hydraulically or retracted into the deck, is a valuable addition to the modern yacht for passenger transportation and emergency use. Aft of the helipad is a well placed and stored rescue tender. When stowed, the tender and its crane are hidden from view under the hydraulically operated hatch. Looking aft along the coach roof one will see the dark horizontal window line of the bridge which is reminiscent of the glare of a predator stalking her prey. The diverging lines that open up aft of the bridge evoke the image of well

defined feline muscles poised and ready to release their energy.

The communication arch is a winged shape reaching athwartships over the sun deck and the electronics mast is rising from the centre of the arch like the dorsal fin of a black tipped shark. Forward of the arch is a very unique retractable sun deck awning that will give the guests the ultimate choice of sun or shade. The entire sun deck has been planned for the utmost enjoyment with the Jacuzzi tub forward overlooking the bow, ample seating for the twelve passengers, well arranged sunning areas, and a full bar. On the aft end of the sky lounge 01 deck is an incredibly large sheltered al fresco dining arrangement equipped with a round table for all twelve guests. The aft main deck is a comfortable and well sheltered area from the wind and weather, where the guests can enjoy observing sun sets, the water sports or the activities ashore while stern to in the Med. The stern is gracefully functional and very seaworthy for transoceanic voyaging, and when anchored, it becomes the exciting focal



point of relaxing and recreation. The entire transom opens up to become a very large teak lined beach. The very long reaching Nautical Structures gantry crane will carry the large diesel tender and toys over the beach and launch them astern for total enjoyment of the sea.

Attractive in Detail

Throughout the interior on all decks the spaces are more than ample to provide comfort and tranquility for the total of twelve in the Owner and guest arrangements. There are four or six spacious staterooms and many niches for everyone to socialize in either small or large groups or spend private time in quiet reflection. The crew has been given separate service pathways to follow that allow them to attend to the guests without disturbing their privacy. The interior design and décor has been developed

over the past year at GenTech and by the Slovenian team led by the renowned Ales Bratina. His team of very skilled men and women pored over every detail to enhance the life style of their buyers. Each space was studied for natural and high tech illumination, temperature control, acoustical balance, the ergonomics of seating and bedding, plus an elegant minimalist arrangement paradoxically rich with texture and colour that is attractive in detail to the most discerning eye. Wealthy men will want to own this floating estate and the women in their lives will appreciate the feminine touch also evident throughout the décor. Bobic Yacht Interiors, also a Slovenian company, has developed highly refined state of the art and fully computerized furniture manufacturing methods. The Bobic team of artisans working in the pristine conditions of their modern facilities have been sought by such prestigious shipyards as Lürssen, Fincantieri, and Heesen to name a few. The Bobic furniture finish method is second to none in the world.

Sophisticated

GenTech has selected an 'A' list of suppliers and subcontractors from around the world to guarantee cutting edge performance and reliability. The most advanced electronics using a new concept of electrical distribution and control with internet protocol and local units will drastically remove the amount of cable runs and simplify the maintenance while assuring a constant communication link in all cruising areas for the Owner to be able to carry on his business activities.

The advanced lighting, video, and audio equipment will entertain the most sophisticated connoisseurs. The central cabin entertainment systems include automated room lighting, window shade adjustment, and air conditioning flow. The CCTV deck camera sequencing, plus added TV channel selection will allow everyone on board to view the underwater camera images from the vantage point of looking forward from the bulbous bow which becomes not only an aid to navigational safety and security but a source of entertainment for the guests. Streaming TV and radio reception over IP, plus video and music on demand from the huge database from the pre-recorded media storage library, offers a versatile entertainment package for everyone young and old. Whenever possible, Soraya embraces the use of LED technology for lighting while making for low electrical consumption and minimal heat.

Silent Operation

The absence of vibration and engine noise even while at sea will help bring the guests to a state of relaxation. When at anchor and at night while everyone is asleep, Soraya will enter into the battery operated 'silent mode' with no generators running so the only sound one may hear is the gentle lapping of the waves against the hull.



One of the most dramatic areas of improvement in yachting comes from recently developed materials and equipment that offer more reliability and less service requirements. For instance, Van Cappellen of Holland has created a very advanced insulation and decoupling package for the lowest decibel ratings possible, while Soundown in the US has fabricated for Soraya, their proprietary and customized 'water drop exhaust' for both the main engines and the generators. The Quantum Zero Speed Stabilization has been carefully matched to the unique Soraya hull form for the least amount of uncomfortable motion possible. The Meccano Engineering group have designed easy to service and redundant operating systems that will allow voyages to the most remote regions with confidence that there will be no loss of creature comforts.

Renaissance Is Now

Soraya Yachts have been fully designed in advance so that the construction process will reflect each and every detail rendered by her engineers. Layouts vary from five or six staterooms depending on private or charter applications. A visit to the GenTech facilities in Antalya, Turkey will reveal to the buyer first hand why the second generation, the Renaissance is



beginning now. The yachting world is shifting on its axis. The reality of what is happening at this shipyard speaks much more clearly than these words can express.

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