



COLUMBUS

40s Sport Hybrid

Launched last year, this Columbus 40s Sport Hybrid is the first of a new series and features a concentration of innovative solutions. Despite its tender age it has already been well appreciated internationally.

by Corradino Corbò

Superyacht

Even if it all began back in 1967, when the family's grandfather started up a naval carpentry business in Naples, Palumbo shipyard managed to consolidate its position in yacht construction only in 2008 year in which all the yachting industry – and not only that – began to see the beginning of what became a deep recession. This coincidence played an important role because it underscored how strong and determined entrepreneurship can find success right in the middle of a recession with all the ensuing financial difficulties by recognizing and seizing the right opportunities even when they're hidden beneath the surface. Surely, but coming out on the market with a 54 metre superyacht coherently named "Prima" (First) – is a real gamble, even founded on a fortunate intuition that the opulent world can stand



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up to any recession even the worst without missing a beat. Success arrived just three months after the yacht was off the chocks and into the water back in September 2011, when a very wealthy visitor saw the yacht at the Monaco yacht Show, liked it and bought it. From that moment onwards the yard's track record begins a speedy rise with awards and certifications, always under the lime light and more so for every innovation. With this extremely favourable climate serving as a great backdrop today the first Sports Hybrid series has been presented to an expectant international audience which the Palumbo third generation family members really wanted to do to satisfy and meet the growing demand for vessels which are based on the more conservative standards of our current times which translate into lower fuel consumption, considerably comfortable yachts, of low impact on the environment which make this yacht more eco friendly. We're talking about the Columbus 40s Hybrid, a superyacht which right after its launching it made it to the final



round in as many as five awards of the prestigious Show Boat Design award 2014: Interior design, Exterior Design and Styling, Naval Architecture, Holistic Design, Environmental Protection. Much of the deserved success must go to Hydro Tec. Studio which has carried out the project work for all the hydrodynamic aspects as well as all of the engineering and not least the team also came up with that special design of the exteriors which seen from an aesthetical view point represent a true turning point. Sergio Cutolo an experienced naval engineer by trade coordinated all this imposing work after having over the years been involved in various sections of the industry and has moved with considerable know how from one model to another from trendy fashionable yachts to explorer models, from fast planing hulls to displacement ones, from stylish drafts to tank tests. The end result given the premise could not have been other than a yacht which possesses such a degree of advanced technology which can literally surprise: just imagine that with a consumption of a mere thirty litres per hour required by the generators which power two Siemens Ecopop 60 KW electric drive engines propel the yacht to eight knots. A considerable feat if we consider we're talking about a displacing yacht which fully laden displaces 190t. And the top speed performance of 22 knots is equally surprising thanks to a couple of MTU 12V 2000 M94 engines, each developing 1,920 HPA total output which can be considered as being on the small side in relationship to the yacht's size which can be better understood as follows: 1HP for every 50 kg which translates into one of the cheapest to run considering her size. The two factors which when blended together make up the base for these important results are: the streamlining of the semi-displacing hull which has been submitted to lengthy testing in naval tanks till near perfection and the use of light alloys as construction material, which being lighter than steel has greatly contributed in keeping weight

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down as well as providing this elegant hull with intrinsic added value. As for the layout of the exteriors, what catches immediate attention is the bow section of the main deck with at centre a hydro-massage tub and a sky lounge situated on the upper deck, the overhang of which protects the cockpit situated below it from which to access the wonderful beach club area, which unfolds when the large stern hatch is opened outwards. Hot lab. designed the interiors which develop around an original main saloon/living area which blends harmoniously thanks to large sliding doors and beautiful terraces with the main deck enhancing a spectacular view. The only private area on this deck is the owner's suite, the four guest cabins are situated along the lower deck. The crew quarters with 7 to 9 berths are forward in the bow area of the same deck. Obviously, even if what's been just described seems perfect it's only an example since the yard is proud of the versatility it offers its clients in terms of interior layouts- is certainly a strong point – which can satisfy even the most demanding owners.

For further information: Columbus Yachts; Calata Marinella; 80133 Napoli (Italy); tel. +39 081 287164; fax +39 081 223445; web: www.columbusyachts.it e mail: sales@columbusyachts.it

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TECHNICAL DATA
 Project: Hydro Tec/Sergio Cutolo - Interior Design: Hot Lab Yacht & Design - LOA.: 39.83 m - Beam: 8.20 m - Draught: 1.75 m - Fuel tank capacity: 45,000 litres - Water tank capacity: 6,400 litres - Engines: Diesel MTU 12V 2000M94 2x1,820 HP - Electric Engines: Siemens 2x60 kW - Top speed: (MTU) 22 nodi - Cruising speed: (MTU) 15 knots - Top Speed: (Siemens) 8 knots - Range at 12 knots: 2,000 nautical miles - Daily water production capacity 2x8.600 litri/giorno - Guests: 2 (owner)+ 8 - Crew: 7-9 - Class: Rina LY2, Green Plus (Y).