

SANLORENZO

Sanlorenzo at the Monaco Yacht Show 2024: 50Steel and SP110 protagonists of technological innovation, sustainability and design

The two models have respectively received the 'SEA Index®' and 'RINA Digital Yachting' certifications, recognizing the shipyard's ongoing commitment to technological innovation and environmental sustainability.

Press Release, 23 September 2024 – Sanlorenzo arrives at Port Hercule for the **Monaco Yacht Show 2024**, the most prestigious international boat show dedicated to Superyachts that, **from September 25th to 28th**, showcases over 120 superyachts and megayachts ranging from 25 to 100 meters in length.

In the exclusive setting of the Principality's port, the Italian yachting Maison will present two of its most revolutionary models: **50Steel**, the world's first superyacht to use the Reformer Fuel Cell system with green methanol for electricity generation, and **SP110**, an open coupe that perfectly combines Italian design with high-level performance, maximum attention to sustainability, and unique comfort.

50Steel

50Steel, a **50-metre displacement superyacht** with a steel hull and aluminium superstructure, perfectly embodies Sanlorenzo's ability to **lead innovation in the industry**, embracing cutting-edge solutions not only in design, but also in technology and sustainability. With 50Steel, the shipyard introduces a unique product to the market, a jewel of innovation that marks a milestone in the technological progress of the nautical industry, and reaches a new important milestone in the Maison's path towards *carbon neutrality*.

Thanks to the exclusive agreement signed with Siemens Energy, 50Steel is in fact the first superyacht in the world to use the **Reformer Fuel Cell system powered by green methanol** for electricity generation. The **totally carbon neutral system** significantly increases the time spent at anchor without consuming diesel fuel, **covering around 90% of a superyacht's typical operating time in zero emissions**, enabling a 20-30% reduction in emissions annually. Thanks to this revolutionary solution, 50Steel has received the **SEA Index® certification**, set up by the Yacht Club de Monaco and Credit Suisse in collaboration with Lloyd's Register. The acknowledgement, designed to reward **cutting-edge projects capable of charting a course for the entire nautical sector**, is a system for assessing a vessel's energy efficiency and environmental impact, measured by the CO2 emissions it produces.

But 50Steel's innovations do not end with its commitment to sustainability. In fact, this superyacht introduces to the market another innovation destined to mark the history of the nautical industry, the **Hidden Engine Room (HER) system**. A revolutionary on-board concept patented by Sanlorenzo, the HER system envisages a new arrangement for the engine room: from the two levels usually occupied, there is now a horizontal development of the propulsion equipment and a new distribution of the technical area in the lower deck. This makes it possible to exploit new spaces in the lower deck, making room for a valuable area of additional living space, modifying the boat's traditional layout.

50Steel then introduces an extraordinary **innovation in terms of interior design**. The yacht is indeed developed on **five staggered decks**, reducing partitions and barriers, and generating spaces with particularly airy volumes that are open to the outside. Each of the five decks is articulated on two levels, a solution that goes beyond the classic subdivision into vertical decks, developing the horizontal axis of the spaces with unusual plays of perspective and unexpected connections. The overall effect is of a vast single space which, thanks to the **large glass surfaces**, is in a **constant dialogue with the outside environment and the sea**. This new and disruptive

interior architecture is nevertheless imperceptible from the exterior profile, which maintains a clean and essential line, in perfect Sanlorenzo style.

SP110

Launched in 2022, SP110 is the **new open coupé** with which Sanlorenzo opens to the world of sports yachts, offering an evolved and revolutionary solution capable of **perfectly combining the unmistakable Made in Italy design with top level performance, maximum attention to sustainability and unique comfort**. With this project, the shipyard has taken a further step forward in the research and development of low environmental impact technologies: the first yacht in the SP - 'Smart Performance' range, SP110 aims to guarantee high performance with maximum energy efficiency thanks to a fractional propulsion system consisting of three engines with an optimal power-to-weight ratio, which allows for **great flexibility, reduced consumption and a different range depending on the desired speed**.

The yacht is also equipped with an energy recovery system that uses high-efficiency 6 kW **monocrystalline solar panels** flanked by a lithium battery pack that allows the boat to power the hotel services for several hours without the use of generators. The SP110 is a two-deck yacht with an unprecedented layout, consisting of extremely large surfaces that can be exploited in a variety of ways, for unparalleled interior and exterior liveability on a yacht of this type. The interiors follow an **elegant minimalism**, using lightened materials such as lava stone and making the most of the ample spaces on board, which are designed to favour **conviviality and privacy**, with innovative solutions such as the enlarged sun deck and the equipped bow dinette.

Precisely because of its cutting-edge features, SP110 received this year's important **Compasso d'Oro 2024 award** from ADI - Associazione per il Disegno Industriale, which celebrates virtuous projects that combine quality, innovation and cultural impact. Moreover, Sanlorenzo has recently announced the issue of **the world's first certification for 'Digital Yachting' by RINA**, conferred to the sixth unit of the SP110 line. The recognition marks a new chapter in the **maison's ongoing commitment to innovation and digital transformation in the nautical sector**.

Once again, this year Sanlorenzo is bringing the best of its innovation capacity to Monaco - not only in technology and engineering, but also in design; and showcasing the spearheads of its commitment to sustainability, confirming its role as a pioneer in the nautical sector.

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Sanlorenzo

For over 60 years, Sanlorenzo has been a worldwide-recognized Made in Italy icon, producing custom-built, top-of-the-line motoryachts that blend quality, design and craftsmanship with the most advanced and sustainable engineering and technological solutions

The shipyard, the world's first mono-brand in the production of yachts and superyachts over 24m, was founded in 1958 in Limite sull'Arno, near Florence, by two shipwrights, Gianfranco Cecchi and Giuliano Pecchia. In 1972 it was taken over by Giovanni Jannetti, who moved its headquarters to Ameglia (SP) in 1999. In 2005, Massimo Perotti - with twenty years of experience in the sector - picked up the baton by purchasing the company. Under his guidance, Sanlorenzo registered an extraordinary growth: the net

revenues from new yachts increase from €40 million in 2004 to €840 million in 2023. In 2019 the company was listed on the Euronext STAR segment of the Italian Stock Exchange.

Today, the production of the Business Yacht Unit (in composite from 24 to 40m) and the Business Unit Superyacht (metal from 44 to 73m) is distributed across 5 shipyards: La Spezia, Ameglia, Viareggio, Massa and Arbatax (Sardinia).

The strong drive for innovation that has characterised the company's vision has enabled the company to introduce numerous solutions over the years that have profoundly changed the yachting world, such as the *terraces within the hull*, the *asymmetrical layout* or the *open space concept on board*. Fundamental in this path was the close collaboration with the world of design and architecture, developed entrusting the realisation of the interiors of its yachts to authoritative signatures such as Rodolfo Dordoni, Citterio Viel, Piero Lissoni (since 2018 Art Director of the company), Patricia Urquiola and Studio Christian Liaigre.

If design, innovation and art were the drivers of the 2010-2020 decade in Sanlorenzo's vision, for the decade up to 2030 the focus lies on sustainability and technological revolution, attention to the supply chain and services dedicated to its clientele.

The company has set out a clear path toward carbon neutrality, the "*Road to 2030*," which is embodied in exclusive strategic agreements with the world's largest players in the fields of mobility and sustainable energy, such as Siemens Energy and Rolls-Royce Solution GmbH - Global Marine (MTU), for the development of the most innovative and environmentally friendly solutions for Sanlorenzo and subsidiary Bluegame's yachts, such as green methanol and hydrogen, which will revolutionize the boating world in the coming years.

Two important milestones will be achieved in 2024, in terms of both technological and sustainable innovation of Sanlorenzo. The launch of the *Superyacht 50Steel*, with the first installation of the Fuel Cell system powered by hydrogen reformed directly on board from green methanol, for power generation feeding hotelier services - resulting from the exclusive agreement with Siemens Energy and certified by Lloyd's Register -, and the deliveries of the *Bluegame BGH* tender, powered exclusively by hydrogen and zero emissions, which in October will compete in the America's Cup as a supporting "chase boat" for both the New York Club American Magic team and the French Orient Express team.

Consistent with its identifying values, Sanlorenzo's commitment to sustainability and the promotion of marine culture is also expressed through two prestigious projects.

The *Fondazione Sanlorenzo*, strongly wanted by the Perotti family, which, born in 2022, implements actions aimed at supporting Italy's minor islands and improving the economic and social conditions of their communities, starting with their youngest members.

Sanlorenzo Arts Venice, the Group's new cultural research center, a founding member of the Venice World Capital of Sustainability Foundation: a hybrid space dedicated to culture and the arts, encapsulating Sanlorenzo's values of sustainability, innovation and design, which aims to contribute to a global movement to foster positive change, for a more sustainable future.