



(https://www.youtube.com/channel/UCNKzvbFSsaVhs1hto13l_Dw)



(https://www.pressmare.it/en)

The first harbour of every news

55 16 18 22
giorni ore minuti sec

Wir schreiben Ihnen € 75* für Google Ads gut. [Gleich eir](#)

(https://www.pressmare.it/en/shipyards/silent-yacht) > Silent-Yachts' under construction flagship becomes Silent 80

Featured tags:

ECOLOGY (HTTPS://WWW.PRESSMARE.IT/EN/TAG/ECOLOGY) MULTIHULL (HTTPS://WWW.PRESSMARE.IT/EN/TAG/MULTIHULL)

Motor boat (https://www.pressmare.it/en/categories/motor-boat)

Silent-Yachts' under construction flagship becomes Silent 80

Condividi 18 [Tweet](#)

Monday, March 4, 2019 11:53 AM

[Print article](#)

e-mail (mailto:?subject=From 'pressmare.it'&body=SILENT-YACHTS' UNDER CONSTRUCTION FLAGSHIP BECOMES SILENT 80 %0A -Silent 80 (previously Silent 79) is a flagship model of Silent –Yachts -4 Silent 80 sold so far -Designed in and out by Marco Casali of Too Design -Naval architecture by MICAD -Solar-powered propulsion and househo...%0A%0A%0ALEGGI DI PIU': https://www.pressmare.it/en/shipyards/silent-yacht/2019-03-04/under-construction-flagship-becomes-silent-80-19226)



(https://www.pressmare.it/en/shipyards/silent-yacht/2019/3-4/19226/silent-yachts-announce-that-its-flagship-model-now-named-the_69352.jpeg?)

The Silent 80

-Silent 80 (previously Silent 79) is a flagship model of Silent –Yachts



Exclusive handcrafted italian yachts since 1961
57 anni di storia | 132 modelli prodotti | più di 100.000 barche vendute



(https://adv.awcloud.it/live/www/delivery/ck.php?oaparams=2_bannerid=215_zoneid=24_source=silent-yacht_cb=fe06426490_oadest=https%3A%2F%2Fwww.rioyachts.net%2F)

-4 Silent 80 sold so far

-Designed in and out by Marco Casali of Too Design

-Naval architecture by MICAD

- Solar-powered propulsion and household, pure silence due to electric propulsion
- Same li-ion batteries like in Tesla cars
- Max speed is up to 18 knots on 2x250 kW engines
- Clean environment, no vibrations and fumes
- No generator required for air conditioning and cooking at anchor
- The Silent 80 is self-sufficient with unlimited range without burning fuel



The Silent 80

Silent-Yachts, the innovative Austrian company that produces the first and only oceangoing solar-electric production catamarans in the world, is delighted to announce that its flagship model now named the Silent 80 (previously Silent 79) records 4 units sold in few months. The first unit of the Silent 80 model was sold

to her South African owner. The shipyard's largest vessel to date is now under construction in Ancona, Italy. The delivery is planned for early 2020. Three more units have also been sold to owners and will be delivered later in 2020. "To me, this yacht is a great synthesis of form and function," Neil Murray (co-founder of the NASDAQ listed company mimecast.com), the owner of the Silent 80 #1 said. "My intent is to promote the concept of solar yachting and I want people to see elegance in the concept, not just practicality." "We're extremely happy to confirm that the project that was first announced in the end of 2018 as a 79-footer has gained one foot in length during negotiations with a client," said Michael Köhler, Silent -Yachts Founder and CEO. "I'm sure Mr Murray and his lovely family will be having many memorable moments cruising together in pure silence and absolute comfort on board their new yacht."



The Silent 80

Sophisticated Design

Silent –Yachts' solar-electric catamarans are completely new type of boats that open a new era in modern yachting. These yachts use silent electric propulsion for unlimited range without noise or fumes and minimal vibration. They are self-sufficient and virtually maintenance-free. An extensive use of solar power via special panels, liion batteries and electric motors by Silent –Yachts sets a new trend in terms of ecologically oriented and careful yachting that respects nature and guarantees owners full comfort in total silence. Michael Köhler has created the Silent 80 concept, while Amedeo Migali of MICAD is responsible for naval architecture. Marco Casali of Too Design designed the exterior and interior of the new yacht. In terms of styling, the Silent 80 is an evolution of the company's vision. It carries the DNA of the smaller Silent 55 model but on a much larger scale.



The Silent 80

“I think, solar-electric boats are the future that is why I immediately agreed to work with Michael Köhler on his exciting venture,” said designer Marco Casali, who has a vast resume of successful superyacht projects with the likes of ISA Yachts, Columbus Yachts, Itama and Canados. “Solar power is about square meters, so we need to dedicate as much surface to the solar panels as possible, while keeping the overall balance in shape. In my opinion, we managed that with the Silent 80. What I tried to achieve is an interesting Italian design, sophisticated and refined. This is a nice-looking yacht that meets efficiency.”

The Silent 80 exterior is clean and timeless with straight lines of huge windows. They also allow abundance of natural light filling the saloon and guest spaces while providing panorama views throughout. Carrying solar panels, the flybridge

adds sportiness to the look thanks to horizontal air grills inspired by supercars but with eco appeal. Both aft and forward outside spaces are spacious to host large, yet intimate, social areas. The cockpit in the aft has a lounge and a bar, while the front area is perfect for chilling under the sun, as it is equipped with a sea-facing sofa and sunpads. The new yacht is built using vacuum-bagged resin infusion to create a lightweight glass-sandwich composite construction that has sound-and temperature-insulating qualities.

Solar power for unlimited range

Like the Silent 55, the new Silent 80 is an oceangoing solar-electric catamaran that uses silent electric propulsion for unlimited range without noise or fumes and minimal vibration, she is self-sufficient and virtually maintenance-free. The catamaran is fitted with a pair of electric engines (80 kW each in standard “Cruiser” version, 250 kW each in “E-Power” version). In the most powerful version, the Silent 80 can reach up to 18 knots but this yacht’s mission is not focused on speed for sure. However, it offers total autonomy with no fuel, fumes, exhausts or noise. The system works quite simple and virtually without any maintenance needed.



The Silent 80

The catamaran is capable of going at 6-7 knots in complete silence and with unlimited range passing around 100 nautical miles per day. With 70 high-efficiency solar panels rated for approximately 25 kilowatt-peak, the Silent 80 uses maximum power point tracking (MPPT) solar charge regulators and the same lithium batteries as used by Tesla, which provide capacity for all-night cruising, while a 20-kVA inverter provides power for all household appliances. The energy production and propulsion systems require hardly any maintenance and produce no fumes or noise. Because of that, the operational costs of the vessels are substantially lower compared to power yachts using traditional propulsion systems.

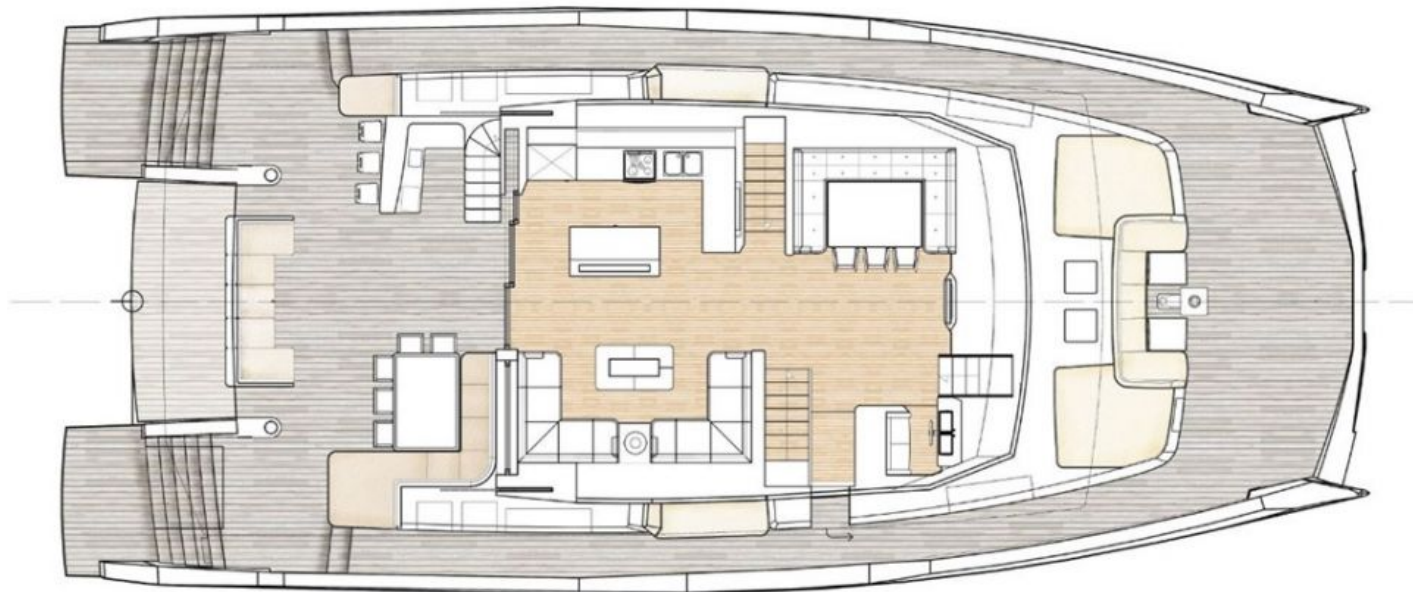
The Silent 80 has a generator too but this is only used to recharge the batteries in the rare case when higher speed is required for longer periods or if the weather is bad for several days. In addition, a “Hybrid Power” version of the Silent 80 has a pair of 220 HP diesel engines combined with two 14 kW electric motors.

Flexible layout

The Silent 80 is also available in several different layouts. You can find a huge saloon of about 60 m² on the main deck, benefitting from enormous 10.95 m width, with a galley inside, a lounge and a dining area. The lower deck is fitted with 4-6 guest cabins and two crew cabins. All staterooms offer double or twin berths, and all heads include a separate shower. Other layouts are available on request.

“For example, the first unit, which is under construction now, has a balanced 4-cabin layout with two real owner cabins”, explains Marco Casali. “The aft master suite has a huge room, a study, a walk around closet and even a sauna.”

As there is no actual engine room because the yacht is solar-powered, the Silent 80 has the largest garage in the category. “There is enough space for a 4.5-meter long tender, an amphibious car and a gyrocopter on floats, which is quite impressive for a yacht under 24 m long”, comments Michael Köhler.



The Silent 80

Superyacht level inside

The interior of the Silent 80 is completely customizable on the level of superyachts. Since the Silent Yachts' heritage is about being green and eco-friendly, the yacht is principally decorated with lightweight and recyclable materials that respect the environment.

“Inside the Silent 80 is designed to provide maximum comfort to owner and guests who spend months on board in long happy voyages”, said Michael Köhler. “The décor styling is marine, so it is minimalist, ergonomic, muted, and at the same time luxurious and refined to perfection.”



The Silent 80

Pricing

The base price of the Silent 80 is 4.27 million Euro, many options are included as standard, which usually require extra payment.

Silent 80 brief specification

Length overall: 24.30 m

Length waterline: 24.20 m

Beam overall: 10.95 m

Draft: 1.25 m

Light displacement: 48 tons

Water: 1.000 L

Waste-water: 2 x 1.000 L

Fuel: 3.000 L

Motors (electric): 2 x 80 kW (up to 2 x 250 kW)

Solar Panels 70 / 25.000 Wp

Battery capacity: 240 kWh

Cruising Speed: 6 to 12 knots

Top Speed: up to 18 knots

CE Certification: A



(/en)

Related:

ECOLOGY ([HTTPS://WWW.PRESSMARE.IT/EN/TAG/ECOLOGY](https://www.pressmare.it/en/tag/ecology)) MULTIHULL ([HTTPS://WWW.PRESSMARE.IT/EN/TAG/MULTIHULL](https://www.pressmare.it/en/tag/multihull))

SILENT YACHT ([HTTPS://WWW.PRESSMARE.IT/EN/SHIPYARDS/SILENT-YACHT](https://www.pressmare.it/en/shipyards/silent-yacht))

Silent Yacht

MORE

(<https://www.pressmare.it>)

