Powered by Porsche: exclusive electric sports boat to launch in 2024

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Porsche is driven by a compelling motivation: combining performance and sustainability. And that will no longer apply to on- and off-road alone, but to the water as well. Together with the renowned Frauscher Shipyards in Austria, the sports car manufacturer has developed the Frauscher x Porsche 850 Fantom Air. Equipped with the powertrain technology of the forthcoming all-electric Porsche Macan, the electric yacht offers exceptional handling characteristics.

“We stand for state-of-the-art, high-performance and sustainable luxury – and we are redefining this concept,” says Lutz Meschke, Deputy Chairman and Member of the Executive Board for Finance and IT at Porsche AG. “Our goal is to inspire our customers and make their dreams come true. The Frauscher x Porsche 850 Fantom Air, like our sports cars, offers exceptional performance and luxury experiences.”

Porsche has adapted and further developed its drive technology designed for road vehicles for use on the water. The Frauscher x Porsche 850 Fantom Air uses components of the Premium Platform Electric (PPE) on which the new electric Macan is based. The technology includes a lithium-ion high voltage battery with a total capacity of around 100 kWh, a permanently excited synchronous electric motor (PSM) of the latest generation with a maximum output of 400 kW, and the related power electronics.

Porsche drivers are accustomed to being able to select the optimal drive characteristics for any situation with use of multiple driving modes. This is also possible with the Frauscher x Porsche, which offers the Docking, Range, Sport and Sport Plus settings.

Thanks to the 800-volt technology from Porsche, the electric boat can be charged with more than 250 kW of DC current at DC fast-charging stations. Under ideal conditions, the battery can be charged from a 10 per cent state of charge (SoC) to 80 per cent in well under 30 minutes. AC charging at conventional household and high-voltage sockets is also possible; an 11-kW charger is installed as standard.

But the electric yacht is not just powered by Porsche: Studio F. A. Porsche in Zell am See (Austria) was responsible for designing the helmstand. An original sports steering wheel from Porsche is on board. Five analogue gauges on the upper level of the instrument panel underline the Porsche look and provide an overview of the most important data. The two front seats have been redesigned by the team at Studio F. A. Porsche. In keeping with the high E-Performance, they offer plenty of lateral support. With raised backrests, integrated headrests and an embroidered crest, their look is inspired by the sports seats in Porsche sports cars.

The Frauscher x Porsche 850 Fantom Air is based on the Frauscher 858 Fantom Air day cruiser. It retains its 8.67-metre-long and 2.49-metre-wide hull almost unchanged and therefore also offers space for up to nine passengers. The swimming platform at the rear leads to a generous lounge area with two comfortable sunbathing pads. A central aisle connects the back end of the boat with the free-standing helm and the cockpit. Two more upholstered benches in the front end are equally inviting for relaxation.

The initial plan is for an exclusive first edition of 25 units, which can be pre-ordered from Frauscher and are to be delivered to the first customers from 2024. Interested parties can register at www.frauscherxporsche.com. The yacht will be built in the Frauscher Shipyard in Ohlsdorf, Austria. Frauscher is also handing all the sales logistics and the after sales management.

Incidentally, it's not the first time that Porsche has ventured onto the water: in 1959, the company presented the type 729 boat engine to the public. It was based on the four-cylinder boxer engine of the Porsche 356, with a restricted output of 52 PS.

About Frauscher

When Engelbert Frauscher founded a boat-building firm in Vienna in 1927, he couldn't have dreamed that the name Frauscher would be setting standards in international premium boat building more than 95 years later. The company's innovative ideas, precise craftsmanship and passion for the pleasure that time spent on the water can bring, is nothing short of impressive. In 2012, the family-run business moved to a new shipyard in Ohlsdorf in northern Austria. The boat builder also has sales locations in Port Adriano, Mallorca, and Port Grimaud on the Côte d'Azur. Since 2020, Frauscher America in Miami, Florida, has been introducing US customers to the exciting world of Frauscher.

Technical data for the Frauscher x Porsche 850 Fantom Air

CE category	C (inshore)
People	C9
Length/width (m)	8.67/2.49
Clearance height (m)	1.35
Draught with trim raised/lowered (m)	0.5/0.9
Dry weight (kg)	2,800
Electric motor continuous/peak power (KW)	170/400
Battery capacity (KWh/gross)	100
Charging capacity DC (kW)	> 250
Charging capacity AC (kW)	11

Maximum speed in Sport Plus mode (km/h/kn)	85/46
Crusing Speed (km/h/kn)	41/22
Cruising speed range (km)	45
Range with customer's typical mix of slow, cruising and fast driving (h)	2-3 depending on driving profile

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