

SuperYacht

international



DESIGN: BENETTI OASIS DECK
WALLY WHY200
TECHNICAL: READY TO SET SAIL
THE HYBRID SERIAL E-MOTION

TENDER & TOYS: BELASSI BURRASCA
NOVAMARINE BS 140 EGO

CANTIERE DELLE MARCHE
FLEXPLOER 130 AURELIA
SOUTHERN WIND
RP-NAUTA 100 MORGANA
MAIORA 30 CONVERTIBLE
COLUMBUS SPORT 50 K2

n. 71 - Autunn 2021 - Euro 8,00 - US \$ 16,50 - £ 8,99

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NUVOLARI LENARD

PROJECT & DESIGN

PROJECT VENTO

by Fabiano Maresca

“Vento” project was presented during the latest boat show in Venice, a new 100 metre mega sailer concept by Nuvolari Lenard – for a realistic return to sustainable sailing.



In the course of the Venice Boat Show the Nuvolari Lenard studio revealed project “Vento” renderings of a 100 metre mega sailer that wishes to represent a manifesto for environmental protection and an appeal directed to designers and owners to develop authentically large green yachts.

“Being environmentally conscious.” has to become a way of being, as well as a way of thinking”. Explained Carlo Nuvolari engineer: “There’s nothing stopping us from thinking about a truly large green yacht. It’s not difficult to achieve major results, you simply have to stop being traditional and take a risk, going back to the

basics: building a sailing yacht that really uses sails and is really efficient”.

This is why project designers have developed a yacht the design of which is not a means per se starting with the hull whose below water lines have been studied to be as efficient as possible with a maxi water line length to heighten performance and stability and hull lines drawn up to decrease drag to a minimum allow the usage of less powerful engines which are less fuel consuming. A down sloping stern design reduces volumes and consequently displacement while the aluminium alloy hull with masts and superstructures in composites will increase stability, performance, efficiency and comfort. A light displacement hull has less drag residue and will form smaller wavelets to the benefit of the coastline which is increasingly exposed to the motion generated by large fast boats.

The sail plan has been developed with Ilan Gonen a former Israeli fighter pilot and founder of Omer Wing-Sail, and an aerodynamics expert. The result is a unique Wing Sail which demonstrated by recent America’s Cup hulls offers significantly greater efficiency than traditional rigs do which means a wing sail of this type requires less sail area for the same performance triggering off a positive spiral. By reducing the surface area of sail there will be less heel angle and therefore less keel weight will be

required to right the boat up. In a nutshell: less displacement and a retractable keel will make it possible to adjust draught accordingly from 5.50 to 9.00 metres. 64 metre high Carbon masts will carry a sail plan of 2,100 square metres all told.

The interior layout envisages six double cabins four of which are VIP ones, one is a superVIP and the owner’s is in the bow of the main deck area. .

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