

BALTIC 142 CUSTOM

Leading edge technology for fast bluewater cruiser

A plethora of innovative technology will be on display when the Baltic 142 Custom is launched in a year's time providing improved performance, increased comfort in a seaway, a cleaner propulsion and generating system and a quieter, lighter yacht.

With her pre-preg carbon hull shell now complete, the Baltic 142 Custom, with naval architecture by Farr Yacht Design, is intended as a fast, comfortable, economical and easy to maintain long distance cruiser.

She will not only pioneer the Dynamic Stability System foil technology in super-sailing yachts (see page 18), but also benefit from an advanced diesel electric propulsion and generating system using high voltage to run equipment normally driven by hydraulics.

The machinery room, housing the remarkably compact 400kW propulsion motor, two 210 kW generators, six banks of Alkasol lithium-ion batteries, water makers and other

ancillary equipment, has been assembled outside the yacht in our Jakobstad facility and has recently been craned into position as a complete module.

Project manager Sören Jansson said the decision to install the diesel electric system, which has been designed by Finland-based specialists Visedo, will reduce fossil fuel consumption, vibration and noise.

Weight is being saved by specifying a 700-volt electrical system which uses lighter cabling and allows equipment normally run on heavy and space hungry hydraulics to be powered by the main battery bank.

With styling and interior design by Lucio Micheletti and Baltic Yachts, the yacht sports a sleek, low deck saloon with a hard, fixed bimini extending over the forward cockpit area.

Below, her vast deck saloon, providing panoramic views, forms the focal point of her luxury accommodation.

TECHNICAL	
L.O.A.	43.30 m
L.W.L.	41.60 m
BEAM	9.00 m
DRAFT	3.80/6.50 m
LIGHT DISPLACEMENT	140 tons
BALLAST	49 tons

DESIGN	
Naval Architect	Farr Yacht Design
Exterior Design	Farr Yacht Design / Lucio Micheletti
Interior Design	Baltic Yachts / Lucio Micheletti
Composite engineering	Gurit UK
Owner's Project Manager	Mattia Belleri
Project Management Baltic Yachts	Sören Jansson, Valter Asplund



Roland Kasslin, Head of Research and Development (left) and Kim Kolam, Senior Electrical Engineer, are managing the installation of the DSS foil and electric propulsion and generating systems



Unusually, the owner's suite is located almost amidships, where motion is at its least, with further accommodation for four guests in two cabins.

Other features include a Rondal rig with electric in-boom furling, a lifting keel and a propeller leg rotating through 180 degrees.