BOATANDBOATS MAGAZINE

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TANKOA S501 VERTIGE: 50 METRES OF ITALIAN EXCELLENCE LAND AT FLIBS

BOATANDBOATS MOTOR, BOATS / BY LUCA D'AMBROSIO / OCT 24, 2017

PRINT THE ARTICLE

Launched in February, after two years of works, the **Tankoa S501** **Vertige** represents the quintessence of the best engineering skills of Italian boat industry. After her delivery to an experienced French owner and an intense charter season in the Mediterranean, she will be present at **Fort Lauderdale International Boat Show** for her official debut at the world's largest boat show.

"Everyone's intentions was to create the most elegant fifty metre yacht on the market. We are sure to have succeeded", Tankoa Yachts Sales Director Michel Karsenti said. *" We are very happy the the result. We've built a six-cabin superyacht, including two suites on the main deck and enormous open-air spaces, yet* ***keeping under 500 gross tons*** *and maintaining such an elegant design".*

[illegible]

Resulting from the co-operation between **Francesco Paszkowski** and **Margherita Casprini**, the **Tankoa S501** design is based on the following objectives:

- Obtain a timeless design that doesn't worry about current fashion and market trends.
- Offer an ideal layout allowing both owners and guests to circulate throughout the yacht without meeting any crewmembers , while at the same time allowing the crew to freely move around while carrying out their duties.
- Keep gross size under 500 tons while giving the kind of comfort commonly found on much larger yachts.

The Tankoa S501 offers six cabins. The master cabin and a master suite are on the main deck while two VIP and two guest cabins are positioned on the lower deck. The **superyacht** also hosts a gym, a home cinema, a large garage for the 7m tender, tow jet skis with an additional service tender and enough room for further water toys. Full-height glass windows, two hydraulic terraces and additional features contribute to amplify the already ample spaces.

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Contruction details

Entirely built of **light alloy Aluminium 5083**, the Vertige benefits from a considerable light weight and therefore excellent fuel efficiency. Her construction was followed attentively by project manager **Albert McIlroy**, engineer and owner's representative, widely known all around the world for his experience in the construction of superyachts.

"With the Tankoa S501, the yard made incredible progress in managing deadlines and production work. Its teutonic approach was so unusual for an Italian yard that it left me speechless" said McIlroy – *"After having supervised the construction of several yachts all around the world, I can say that the work rhythm and productivity at Tankoa are exceptional. It's probably the first time that I've seen build times respected while maintaining the incredible flexibility that Tankoa's becoming known for".*

Exteriors

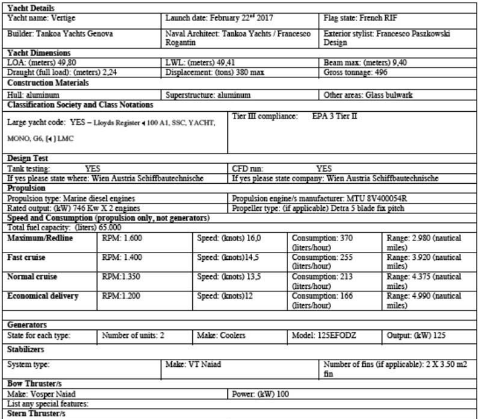
The aft area of the main deck hosts an over-sized sun pad and a spacious open-air lounge with bar and twin three-metre-long extendable bulwarks to keep clients in close contact with the sea. The aft area of the upper deck includes both an outdoor dining area seating up to 14 guests and a wraparound sofa seating 20. Surprising is the sundeck extension, featuring an uninterrupted view of the entire horizon.

Descending to the aft part of the lower deck, directly overlooking the water from a folding platform, we find the beach club, with a bar zone and a gym with showers and day toilet.

Sea trial and technical specifications.

The first sea trial of the Tankoa S501 was supposed to have been carried out under ideal weather and sea conditions. On the contrary, a northerly from 25 up to 30 knots and steep waves welcomed the test of the Vertige.

"The first sea trial lasted 8 hours and was incredible" - tells Tankoa Yachts General Manager Edoardo Ratto – *"Vertige reached* ***her top speed of 16.5 knots*** *with a 60% load, that is about 33,000 liters of fuel and 20,000 of water.* ***The S501 features a cruising range of over 5,000 nautical miles at 13.5 knots*** *and, when crossing the Atlantic, this really makes the difference. Vibration is inexistent and noise level is below contract: in the master cabin and the VIP ones, for example, we've detected less than 50 db. The first sea trial has also evidenced the noteworthy maneuverability of the Vertige as she undertook all the tests required by international norms with no problem".*



Yacht Details				
Yacht name: Vertige	Launch date: February 22nd 2017	Flag state: French RIF		
Builder: Tankoa Yachts Genova	Naval Architect: Tankoa Yachts / Francesco Rogantin	Exterior stylist: Francesco Paszkowski Design		
Yacht Dimensions				
LOA: (meters) 49,80	LWL: (meters) 49,41	Beam max: (meters) 9,40		
Draught (full load): (meters) 2,24	Displacement: (tons) 380 max	Gross tonnage: 496		
Construction Materials				
Hull: aluminum	Superstructure: aluminum	Other areas: Glass bulwark		
Classification Society and Class Notations				
Large yacht code: YES – Lloyds Register ◂ 100 A1, SSC, YACHT, MONO, G6, [◂] LMC	Tier III compliance: EPA 3 Tier II			
Design Test				
Tank testing: YES	CFD run: YES			
If yes please state where: Wien Austria Schiffbautechnische	If yes please state company: Wien Austria Schiffbautechnische			
Propulsion				
Propulsion type: Marine diesel engines	Propulsion engine/s manufacturer: MTU 8V400054R			
Rated output: (kW) 746 Kw X 2 engines	Propeller type: (if applicable) Detra 5 blade fix pitch			
Speed and Consumption (propulsion only, not generators)				
Total fuel capacity: (liters) 65.000				
Maximum/Redline	RPM: 1.600	Speed: (knots) 16,0	Consumption: 370 (liters/hour)	Range: 2.980 (nautical miles)
Fast cruise	RPM: 1.400	Speed: (knots)14,5	Consumption: 255 (liters/hour)	Range: 3.920 (nautical miles)
Normal cruise	RPM:1.350	Speed: (knots) 13,5	Consumption: 213 (liters/hour)	Range: 4.375 (nautical miles)
Economical delivery	RPM:1.200	Speed: (knots)12	Consumption: 166 (liters/hour)	Range: 4.990 (nautical miles)
Generators				
State for each type:	Number of units: 2	Make: Coolers	Model: 125EFODZ	Output: (kW) 125
Stabilizers				
System type:	Make: VT Naiad	Number of fins (if applicable): 2 X 3.50 m2 fin		
Bow Thruster/s				
Make: Vosper Naiad	Power: (kW) 100			
List any special features:				
Stern Thruster/s				

<table>
<tr><td colspan="3">Make: NA</td><td colspan="3">Power: (kW) NA</td></tr>
<tr><td colspan="6">List any special features:</td></tr>
<tr><td colspan="6">Desalination Systems</td></tr>
<tr><td colspan="2">Make/model: Idromar MC-55</td><td colspan="2">Number of units: 2</td><td colspan="2">Output: (liters/24 hours) 12.000</td></tr>
<tr><td colspan="6">Sewage Treatment System</td></tr>
<tr><td colspan="3">Make: Selmar</td><td colspan="3">Model: Blue Sea 7000/plus MCA-USCG TYPE 2 COMPLIANT</td></tr>
<tr><td colspan="6">List any special environmental features: IMO MPEC 227(64) mean of maceration, micro flotation, addiction of hydrogen peroxide in conjunction with ozone and UV disinfection. Treated water can be discharged at sea.</td></tr>
<tr><td colspan="6">Fire Control System</td></tr>
<tr><td colspan="3">Make: Detection System Fire Boy</td><td colspan="3">Type: (hi-fog, sprinkler, etc.) Ultrafog Sprinkler</td></tr>
<tr><td colspan="6">Climatic Cruising Capability</td></tr>
<tr><td colspan="6">Describe any special features for high latitudes/temperatures: Climate range air temperature 0° to 35°C / sea water temperature 5° to 32°C</td></tr>
<tr><td colspan="6">Bridge / Interior</td></tr>
<tr><td colspan="2">ECDIS Bridge: 1 Ecdis Furuno installed</td><td colspan="2">Interior outfitter of owner/guest areas: Cantù Contract</td><td colspan="2">Interior outfitter of crew areas: Lisi arredamenti Genova</td></tr>
<tr><td colspan="6">Galley</td></tr>
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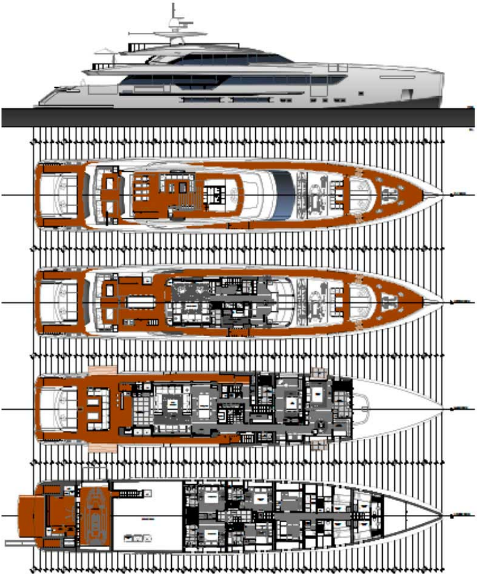

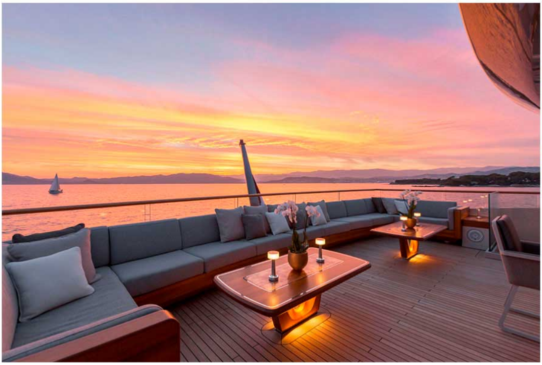

Luca D'Ambrosio

Editor-in-Chief and Journalist. With more than 30 years spent in the publishing industry and 20 sailing and racing with his boats Luca have a very deep working nautical knowledge.

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