

# Horizon FD92 Yacht of the Year 2022 in Taiwan



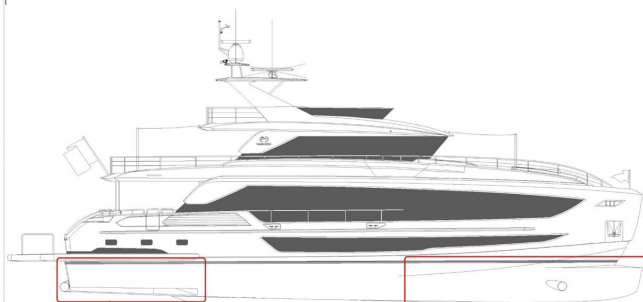
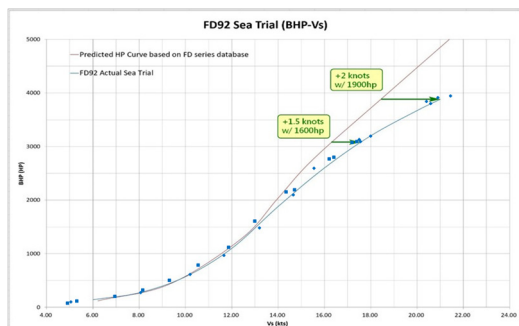
Taiwan SNAME

A showcase of Horizon's pioneering high-volume design, the **FD92** on display is the first tri-deck build of the Cor D. Rover-designed series, which now offers the Tri-Deck design option for its FD100 and FD110 models. Customized for an owner who desired both an enclosed skylounge and an open flybridge, this particular yacht demonstrates the extent of customization available to Horizon clients.



## 1. Horizon FD92 Trideck – Cutting-Edge Design and Flexible Performance

While developing the GA of new FD92, shipyard's experienced naval architect team optimized the hull lines at the same time. The optimization was proceed according to the sea trial data of our FD series, research papers on hull design and model test data of series hull. We adjust the lines at specific location around bow area and stern part, which only has minimum influence on the outstanding interior space of FD series. The actual sea trial performance results proofs the optimization is successful. The top speed gains 2 knots when twin 1900hp engines are equipped.



## 2. Carbon Fiber Construction in Atech – Saving weight and lowering the VCG



Although the Tri-Deck design fulfills the owner's requirement for interior and exterior recreation space, the vertical center of gravity will obviously get higher, which makes the stability performance an issue. This was the major difficulty that our engineering team faced during the designing process. By applying the carbon fiber instead of standard FRP on flybridge deck and superstructure above, we manage to save near 2 tons on top. The successful lightweight construction allows us to save 4 tons ballast in bilge for stability. Due to the successful carbon fiber construction, we avoid about 1 knots loss on top speed.

## 3. Highest standards with options for owner customization

Maximizing all of the coveted aspects of the FD Series, this yacht features a five-stateroom layout with an on-deck master, crew quarters for four and a beach club. The owners incorporated a his-and-hers ensuite in the forward on-deck master stateroom and added stylistic touches throughout, from a custom backlit headboard and soffit design in the master to carved leather paneling accents and a subtle sunburst theme incorporated within the interior. Exterior areas are plentiful on this tri-deck and each space – from the foredeck to the uppermost deck – has been maximized with storage and lounging options.



Website: [Horizonyacht.com](http://Horizonyacht.com) // Contact: +886-7-860-7770