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## Heesen Yachts presents the 65 metre Fast Displacement concept

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Following the positive results of the tank test completed at the Wolfson Unit in April 2010, Heesen Yachts is proud to present the revolutionary 65 Metre concept based on the Fast Displacement Hull Form (FDHF). The FDHF is the result of studies and tank tests carried out over 20 years by the Dutch Naval Architects Van Oossanen and Associates.



Perry Van Oossanen comments on the idea that led the VOA team to create the FDHF design: *“The typical load profile of a motor yacht often consists of long range cruising at low speeds and only short periods of time at higher and maximum speeds. This indicates the need to focus hull design over the entire speed range rather than on maximum speed only. The FDHF incorporates design features that have a large effect on hydrodynamic resistance over the whole speed range, such as the area of the immersed transom, bulbous bow, trim control and spray rails.”*



Fabio Ermetto, Sales and Marketing Director at Heesen Yachts says: *“Heesen Yachts is well known in the yachting industry for being a shipyard that likes challenges. We are proud to be the first shipyard to build a yacht featuring this innovative hull configuration using aluminium for both hull and superstructure. The Fast Displacement hull configuration is the perfect platform for creating a new luxury yacht in which increased performance and reduced environmental impact begin with the hull design.”*



The Heesen 65 Metre Fast Displacement design offers some notable luxury features, such as a duplex beach club (located aft on the main and lower decks) with a 10 square meter side-balcony (on the port side) and a 22 square meter swimming platform.



On the lower deck of the duplex beach club there are a sauna, hammam, shower room, day head and a fully equipped bar. Another notable feature is the glass bottom of swimming-pool located on the main deck; this allows the natural light to glimmer through the water to the bar area beneath.



On the fore deck, the large sunbathing area can be transformed into a touch-and-go heli-deck. The tender garages with gull-wing doors are also located beneath the fore deck.



The exterior lines of this revolutionary Heesen 65 Metre Fast Displacement have been drawn by Frank Laupman from Omega Architects. The design clearly shows the Heesen bloodline, while invigorating it with the muscular appearance of a racing car. Frank Laupman explains: *"We found a way to integrate the hull with the main deck element of the superstructure, by eliminating its normal overhang of the aft deck. On top of this integrated two-deck body, we developed the freestanding superstructure, which contains only the wheelhouse deck and the sundeck. Helmet shaped, it has no side deck overhangs and slopes down towards the stern."*

For additional drawings and the General Arrangement of the [Heesen 65 Metre Fast Displacement](#), visit her [profile page](#).

**Heesen Yachts**

+31 (0)412 66 55 44  
[info@heesenyachts.nl](mailto:info@heesenyachts.nl)  
[www.heesenyachts.nl](http://www.heesenyachts.nl)

**Omega Architects**

Frank Laupman  
+31(0)487 51 88 89  
[omega@omega-architects.com](mailto:omega@omega-architects.com)  
[www.omega-architects.com](http://www.omega-architects.com)

**Van Oossanen & Associates**

+31 317 451573  
[info@oossanen.nl](mailto:info@oossanen.nl)  
[www.oossanen.nl](http://www.oossanen.nl)

