



# Nautech

YACHT, SUPERYACHT, TECHNOLOGIES AND DESIGN

## The value of the best product



**MICROTEM**

MECHANICAL SEALS FOR PROPELLER SHAFT

# MM450

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a broader  
and better offer

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is young  
in Egypt

Work Boat  
**Damen FCS 7011**  
the birth  
of a new era

Regulations  
**The quality**  
for human  
consumption



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# NEPTUNE 60 and LEIRIUS 65': performance and style from MYD



THE SPECIALIZING MASTER IN YACHT DESIGN AT POLITECNICO DI MILANO IS THE OPPORTUNITY FOR MANY YOUNG TALENTS TO APPROACH THE NAVAL MARKET AS PROTAGONISTS.

A

training program designed to meet the needs of the international marine industry, which in recent years has had the opportunity to make use of the skills and the push for innovation of the students trained by the Specializing Master. Neptune 60 and Leirius 65' are innovative projects from Master students combining style and performance, developed in the sailing boat workshop led by the Architect Massimo Paperini, Duck Design Studio.

## Neptune 60, your next luxurious racer

The Neptune 60 project is not your average performance cruiser. This 60 foot sailing monster is a full carbon built racer with all the latest technologies and performance features the market has to offer. Her biggest achievement? It's doing all this without compromising her comfort, styling and "joie de vivre" on board.

The project was born out of a teaming up between 4 friends, each one yacht designer and bringing their own specialities into the project: Thibaud Lemerdy (Ocean Engineer), Marien Roorda (Industrial designer), Antonella Scarfiello (Architect) and Michiel Vermeylen (Industrial designer).

The Neptune 60 has a racing hull with a full length chine. Combined with a very low superstructure, this results in the impression of the yacht being longer and more sleek. The superstructure is interleaved with big Polycarbonate windows to bring in lots of natural light into the interior spaces below decks. The interior of Neptune 60 reflects the same design values from the exterior design. The sim-

Leirius 65' is a performance sailing boat design by Sena Osman, interior yacht designer from Turkey, Gowtham Selvan, naval engineer from India, and Alejandro Crespo, exterior yacht designer from Spain.



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ple straight lines, simple surfaces and little use of different colours give the owner and guests the feeling of comfort without forgetting to remind them they are still on a performance yacht. The design of the ceiling relates to the owner being an adventurer eager to explore the water. The yacht has two double aft guest cabins with on suite bathrooms which both can serve as a dayhead. In the bow there is a very large owner cabin with chaise longue and an on suite bathroom as well. The largest area serves as the main salon and kitchen divided by a countertop with integrated TV in the middle. Neptune 60 is a full carbon yacht and uses a sandwich construction with PVC core. To obtain an even lower weight she is built using resin infusion moulding in 3 steps. The PC windows are interleaved with the Carbon fibre superstructure to make sure stiffness and strength aren't lost. The interleaving presents some nice design detail at the entrance to lower deck. The navigation lights on the port and aft side of the bowsprit help to give the yacht her distinctive identity.

### Design to be unconventional: Leirius 65'

Leirius 65' is a performance sailing boat design by Sena Osman, interior yacht designer from Turkey, Gowtham Selvan, naval engineer from India, and Alejandro Crespo, exterior yacht designer from Spain. She is clothed with unconventional and attractive lines: a high performance hull combined with modern and futuristic generation lines. The yacht hull, with a wide beam and seakeeping bow is design to better performe in light wind and to give a high level of sailing comfort. To create convenient spaces on deck for sailing huge advantage from ergonomics was taken. Although her aggressive and sharp lines, she gives the sense of purity with her simple and elegant overall look. Following this concept, a low sheer line was created with a full length hull window, keeping clean and sharp angles. Her superstructure is formed by glasses carried by a structure, creating forms of a diamond to take, as much as possible, the

sunlight inside. A cut-out in the bulk create a panoramic view from the deck. Right next to the steering areas there are two big comfortable sofas to have pleasure during the sailing experience. The anodised grey colour of the hull with the smoked glass superstructure and the aged teak on the decks is gripping the attention.

Leirius's interior is designed to lending a sense of roomy airness & chilled-out elegance. She takes advantage of a beautiful vista in interior spaces. Interior is meld with the fluidity and continuity of the spaces; cold and warm materials are preferred together. All details in the furniture are enriched with titanium details.

Six guests are accommodated in three cabins: master Cabin lies on the forward, in a privileged position while the guest cabins are positioned at the aft. The two beds of the guest cabins are shifting beds with a platform behind to join the two single beds to a family ones. Main saloon is occupied entirely by the day area, galley, navigation area and a small wine cellar. Storage volumes are on the stbd and port side of the seating, equipped with smaller containers for accessories. Furthermore, four foldable director chairs are available stored in side closets. Two flat screen TV's are flush mounted on the side wall panel. The lighting on board is designed to create a sophisticated atmosphere; all lights are dynamic allowing the owner to change the warmth and intensity of light colours. Downlights, above the bed side tables and navigation area, have narrow and elliptical lenses. Structural elements are intentionally exposed in order to create a sculptural sense to the whole experience. Leirius structures are a combination of advanced material and building techniques with carbon fibres reinforcements vacuum infusion with epoxy resins. Perfect surface finishes and optimal results in term of stiffness, performance and reliability overtime.

Know more on [www.polidesign.net/en/myd](http://www.polidesign.net/en/myd)