

02**The Multitaskers****Hydro Tec**

As superyachts become more technologically complex and structurally challenging, beauty in design originates as much from engineering as aesthetics. And this is where Hydro Tec steps in. Occupying the rare niche of “creative naval architecture,” husband-and-wife founders Sergio Cutolo and Silvia Himsolt and their team blend practical, technical savvy with a holistic creative design approach. Starting out in 1995, Hydro Tec evolved from only engineering into a full-service design, naval architecture and engineering company.

The broad skillset of the Hydro Tec team means it can offer customers a complete yacht design package, from the hull shape to onboard engineering to exterior fixtures and systems design. One of Hydro Tec's most outstanding and rewarding projects, says Cutolo, was the 50-meter M/Y AIFOS, for which the company was hired directly by the owner to carry out the naval architecture and engineering. The engineers and designers worked tirelessly to achieve the remarkable feat of keeping the 50-meter superyacht less than 500GT without losing guest space or the ability to reach speeds of 24 knots. Although Hydro Tec can adapt to the requests of any owner, the current explorer yacht trend has graced the drawing board in recent years, featuring robust and adventurous projects. The recently completed 33-meter Darwin M/Y STORM, the first of its series and Hydro Tec's fifth launch this year, is setting out for distant horizons with a satisfied owner who brought significant experience and demanding quality standards to the project.

Currently under construction with Mondomarine, Hydro Tec is working for a longstanding client to build a second, larger superyacht, due for completion in 2017. The M40, a 40-meter custom explorer, will feature a number of exciting, innovative elements based on the client's feedback and past experiences, from the location and capacity of the wine cellar through to the custom-designed tender with lines that resemble the mothership. Those with a spirit of adventure accompanied by a taste for comfort and luxury could find inspiration in the next collaboration between Mondomarine and Hydro Tec in the M57 EXPLORER. This 57-meter concept is the current flagship design for the explorer series, preserving the elegant lines of more diminutive launches from the Italian builder, but with the added stability and dominating presence of a more robust platform for up to 12 guests. Unlike many explorer yachts, the exterior space maintains the feel of a sporty superyacht with three pool and Jacuzzi areas and a beach club, an observation deck and optional helipad. Yet the technical capabilities of the M57 will open up a world of exploration for any owner with an insatiable wanderlust.

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02A
Sergio Cutolo of Hydro Tec
Designs

02B
Mondomarine's 40-meter Hydro
Tec designed M40