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- TECHNOHULL -

DynaStream hull

An all-new technology for the next RIB generation

TECHNOHULL® the Greek yard, is formulating a number of important new products and innovations. This will begin with a series of technological updates applied to the yard's entire range, followed by the remarkable new and innovative trademarked hull shape that improves an already high level of performance and economy without losing safety and comfort.

The result is the **all new DynaStream patented hull technology**, fully implemented by the yard.

TECHNOHULL® DynaStream technology evolved after extensive research and development, taking into account the delicate balance between performance and user friendliness. The results of various configurations, using both analytical formulas and testing from full size and scaled-down models, were constantly accumulated.

Evaluating the working envelope of each model and the demands of the range, TECHNOHULL® has derived separate hull design constraints. Using state-of-the-art computer programs and hull structure algorithms, key hull design aspects have been confirmed. After several design loops, the hydrodynamic profile is streamlined. As a result, strake geometry, step number, step positioning, and the variable dead-rise distribution along the hull's surface, have been optimized.

The combination of the above has resulted in a boat that is perfectly balanced, efficient and extremely seaworthy, perfect for fast commuting, yet with a very smooth and safe ride, providing a high thrill factor both for the expert and newcomer.

DynaStream technology key facts

- Efficient running - less fuel consumption and better performance
- Perfectly balanced behaviour - easy and safe to drive at every speed, a feeling of safety for everyone aboard, perfect bow positioning in all sea conditions and directions of travel, with safe tight turning, cornering and manoeuvring
- Instant and low speed planing
- Very soft ride – the dead-rise distribution and cushioning effect maximize comfort
- De-pressurized hull water spray control chines keep spray low and diverted away for an incredibly dry ride
- A true offshore design - in rough seas and heavy weather conditions DynaStream hulls provide exemplary ride quality and performance

New 2018 revamped production line

The new TECHNOHULL® DynaStream technology will be one of the elements that characterize the Greek yard's revamped production line, divided now into **three categories**:

-**Less is extra - Adrenaline for beginners** - this range includes the **T688**, an extremely fast multipurpose RIB with a fuel consumption of only 0.8 l/nm, and the **T909**, a model with more onboard space than is usual in a super sportive 9 meter RIB. Both models can be optimized for use as superyacht tenders.

- **Adventure on board** - the **SeaDNA999** – the yard's current best seller - is a luxurious top performance 10m RIB, a true offshore boat with top speeds of more than 90 miles per hour, excellent handling in any weather conditions, an extremely smooth ride and incredible fuel efficiency. In addition a very new soon to be named **38 RIB**. A clear example of **DynaStream** technology is on this new 38. A boat with genuine offshore features able to achieve speeds exceeding 100kts with stunning stability and ease driving. Perhaps the fastest V-hull Offshore outboard boat worldwide, clearly dissolving the stereotypes that want a boat fast and efficient not to be the best in hard use on the open sea.

-**Extra Luxury sport cruisers** – first, the soon to be named all-new **40 RIB** that will epitomize luxury, space and performance. This will be the ultimate compact sport cabin RIB, ideal for all-around cruising, combining the characteristics of a true sport boat and the amenities of a small cruiser. In addition the **Omega 45** is replacing Omega 41. Designed to assure fast and comfortable navigation, even over long distances, the new Omega can be equipped with either inboard or outboard engines and will be characterized by an extremely high level of customization.

About TECHNOHULL® – A sea story of Greek pride

TECHNOHULL® was founded in 2005. Since then, the yard has designed, produced and sold luxury high performance innovative RIB's – all in-house. TECHNOHULL® is a Greek company known for their impressively fast and safe high-end RIBs since their beginning in the local market and the Mediterranean area. Over the last ten years the experienced and enthusiastic TECHNOHULL® team has expanded in the international boating market, achieving both remarkable and stable growth in production and sales.

Based in Athens, TECHNOHULL® has a business network that promotes the excellence of "Made in Greece" with their one-of-a-kind aesthetic taste, design & innovation appeal.

The mission: Since the company's inception, TECHNOHULL®'s mission is based on four core values: extreme performance, perfect safety and seaworthiness, top efficiency and long distance traveling ability. Each element of a TECHNOHULL® RIB is produced and installed by highly expert in-house artisans, from the mould and hull layers to the teak decks. Every single unit is designed from scratch and is based on a different hull model to best fit the length and the different characteristics required by its owner. Highest quality materials are selected in every construction and finishing process. Top quality gelcoat colors, multi-directional fibers and high quality resins are standard in every boat. All TECHNOHULL® models are equipped with ORCA Penel Flippo 1670 tube fabrics. Vacuum infusion technology, epoxy materials and of course hand-laid polyester are all combined when producing GRP elements. Completing the sophisticated hull design, top quality techniques and materials are applied throughout - the required process for building a masterpiece.

True epoxy vacuum infusion lamination with special multi-directional fabrics and foam cored layers, cured in a carefully controlled oven, ensure the absolute best construction process for a super strong, very lightweight boat. Many parts are built of pure carbon fiber, further reducing overall weight. Throughout the production process ISO 9001:2008 standards are strictly followed.

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