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## - TECHNOHULL -

# Behind the scenes of the all-new sport cruiser RIB Explorer 40

- The new 12-metre RIB of the Greek shipyard combines performance, attention to detail and comfort when running and at anchor in a roadstead
- The RIB Explorer 40 is a clear example of the all-new *TECHNOHULL® DynaStream patented hull*
- The RIB can be equipped with *either inboard or outboard engines*
- Maximum propulsion *2x625 hp*

Versatility, performance and an ever so close attention paid to detailing and materials. These are the concepts that are at the basis of all the RIBs produced by the Greek TECHNOHULL® shipyard and are all perfectly integrated in their new Explorer 40.

### **Comfort + Performance = elegant cruiser**

The values above have been part of the Greek shipyard's DNA since it was established in 2005. They are facts that ensured the production of models so versatile and safe that they can be used for fast, comfortable and *elegant cruises*, thanks to the RIB's smart design and lay-out.

Performance and high efficiency make any TECHNOHULL® the ideal RIB for people who want to take the weekend off and not worry about the distance to cover, mainly because these boats can take on the most difficult weather and sea conditions in complete safety and comfort, even with a large crew.

### **A layout in the name of comfort**

The cover layout of the TECHNOHULL® Explorer 40 boat is ideally divided into three distinct areas. Starting from the bow, the large sundeck leads to the modern central steering console, served by three ergonomic seats for the skipper and the passengers. The console provides access to the interiors, where there is a toilet and a double bunk - ideal for relaxing or for short cruises.

There are two configurations for the stern area - owners can decide on a full-width sofa, with another double sofa opposite and facing the stern, served by a table in the middle, or opt for the Sundeck configuration, dominated by one large sun-bathing area.

### **1250 hp maximum power**

Performance and manoeuvrability are among the strong points of the models from the Alimos shipyard.

Owners can choose among several motor options, inboard and outboard engine, with up to 2x625 hp maximum power, which will allow TECHNOHULL® Explorer 40 to achieve speeds greater than 70 mph\*.

## DynaStream, the new patented hull technology

The new TECHNOHULL® Explorer 40 is a clear example of the new TECHNOHULL® DynaStream patented world-class design and hull technology, fully implemented by the shipyard and conceived in well-known universities and naval architects. By evaluating the working envelope of each model and the demands of the range, the Greek shipyard has derived separate hull design constraints. Using state-of-the-art computer programmes 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 optimised. 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.

### Explorer 40 brief specifications

LOA	12.10 m
Width	3.50 m
Displ.	3.200 kg
Fuel	750 l
Water	120 l
Engine Opt	inboard/outboard
Max Engines	2x625 hp outboard

*(\*) Top speed indications are based on our factory testing program. Boat speed may vary depending on weight, fuel load, water conditions, wind, engine package, engine tuning, propellers, number of passengers and numerous other factors beyond our control.*

### About TECHNOHULL® – A sea story of Greek pride

TECHNOHULL® was founded in 2005. Since then, the shipyard has designed, produced and sold luxury high performance innovative RIBs – all in-house. TECHNOHULL® is a Greek company known for their impressively fast and safe high-end RIBs since they first entered the market locally and in 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 has been based on four core values: extreme performance, perfect safety and seaworthiness, top efficiency and long-distance travelling ability. Each element of a TECHNOHULL® RIB is produced and installed by highly expert in-house crafters, 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 colours, multi-directional fibres 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. When 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 fibre, further reducing overall weight. Throughout the production process, the ISO 9001:2008 standards are strictly followed.

### PRESS OFFICE / SAND PEOPLE COMMUNICATION

[sandpeoplecommunication.com](http://sandpeoplecommunication.com)

**Alice Paniccia**

[ap@sandpeoplecommunication.com](mailto:ap@sandpeoplecommunication.com)

m. +39 347 5870171