



HYFOIL
MARINE



high efficiency
performance catamarans

Introduction to HYFOIL

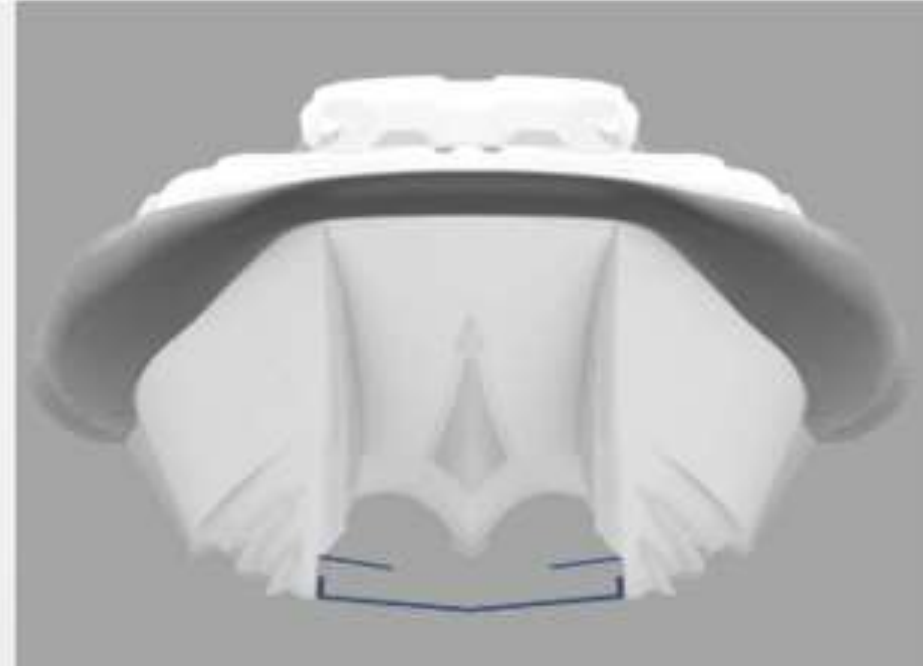
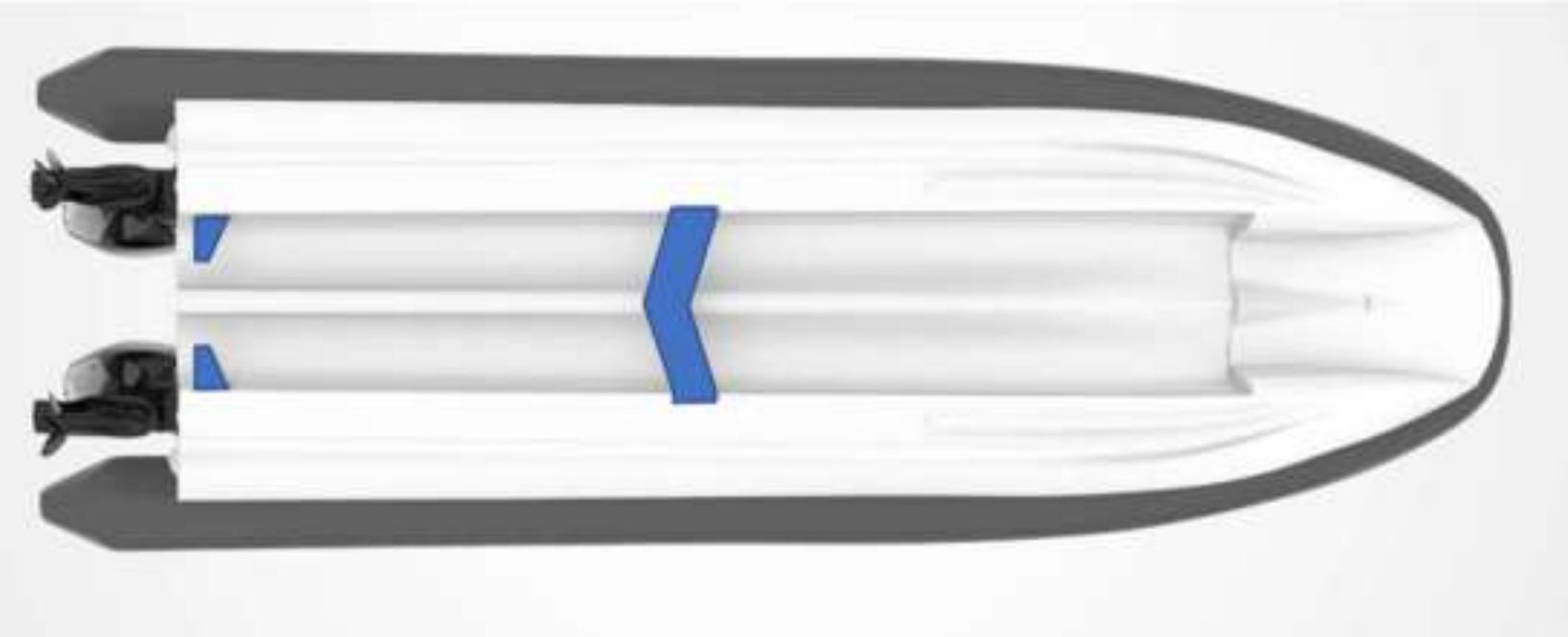
Enhancing legacy technologies with modern computational fluid dynamics in collaboration with the patent-originator of hydrofoil-assisted technology, HYFOIL Marine currently offers interchangeable sets of foils with modular deck layouts to produce a variety of high-performance ribs for recreational, adventure and commercial boat owners.

HYFOIL Marine was established in 2013 and has always operated in the great state of New York. HYFOIL insists on using the most modern materials and technologies to produce vessels that are USCG compliant with CFR for US Marine Manufacturers, NMMA certified using American Boats & Yacht Council standards, and built by ABYC certified technicians and master marine technicians.

HYFOIL 22 redesign launching 2024

HYFOIL 28 redesign launched in 2023

HYFOIL 32 new concept design launching 2024



Hydrofoil technology that's
easy to use

HYFOIL Marine designs hydrofoil-supported catamarans that ride on top of water with the hulls engaged enough to support a smooth ride upon interaction with waves – even in rough sea states. These ultra-contemporary boats are easy to manage and come with spacious layouts ready to be accessorized with an endless variety of technical components. Available powered by gas or electric engines.

28



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HYFOIL 28 can be powered with single or twin engines

Fully battery-powered:

Combustion engine:

twin 73.5 kW **Twin 150 Hp**

57 nm range with 150 kWh

300+ nm range with 80 gal (3.8 mpg) @35mph



Half the worry,
twice the fun

Exceptional comfort and a sense of control are what make HYFOILs so unique.

Specialized engineering enables precision handling like no other, at speeds and with ease that's unmatched. The HYFOIL 28 delivers an exhilarating boating experience with state-of-the-art hydrofoil technology that allows for high-speed travel while minimizing interaction with sea state. With the flexibility to refit different foils and powertrains, it not only promises a longer usable life but also ensures that it consistently leads the pack in nautical advancement. Not merely a mode of transportation, the HYFOIL 28 is a forward-thinking statement of style and prowess.

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HYFOIL 28

LOA and draft	LOA: 27'8" Draft 18"
Beam	9'6" (8'0" deflated)
Twin internal combustion engines	Min: twin 90 Hp Max: 400 Hp total 300+ nm rang with 80 gal (3.8 mpg)
Twin electric engines	Min: twin 73.5 kW Max: twin 147 kW 57 nm range with 150 kWh
Cruising MPH and Maximum MPH	35 mph max efficiency 70 mph max speed
Dry weight	3500 lb.
Passenger capacity	14 passengers
Construction	Available in fiberglass or carbon fiber





What makes HYFOIL even better

Extra ingenuity makes HYFOILs remarkably adept at handling adverse sea states. The engines are angled so that the propellers are slightly outboard of the tunnel for maximum grip and to provide extra control while leaning into a turn. The tunnel has a double arc shaped ceiling for better water redirection. The foils auto-correct so that the vessel rises to the top of the water and if the boat falls off of a wave, the landing impact is dampened. Best of all, the foils are stationary and don't protrude below the hulls, working effortlessly to make excursions more enjoyable and greener.

Configured with carbon fiber or GRP hulls
Outfitted with one of three foil design sets: cruise, sport, or eco





The **HYFOIL 28** is easy to transport and is ready to move up to 14 passengers. Quick and strong, this steady vessel propels you farther and faster, promising an exhilarating journey with less drag and more enjoyment.



Running fully battery-powered
commercial vessels
since 2020

Ready to fill your orders for 2024

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