



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.

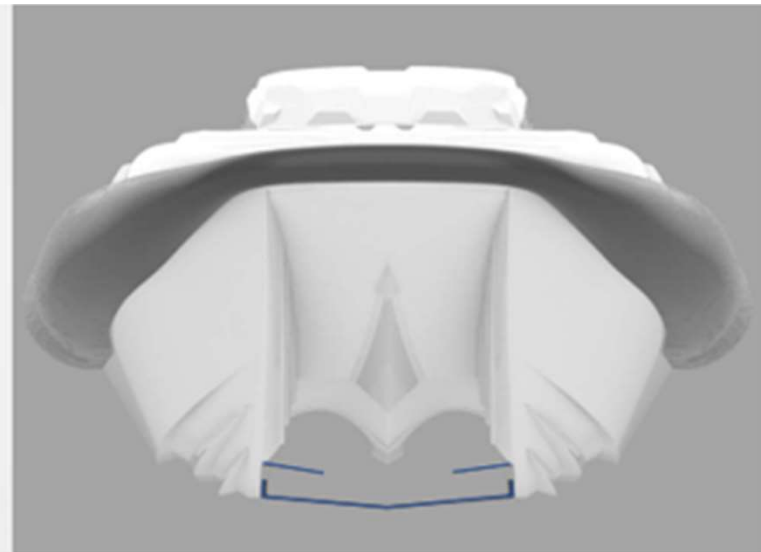
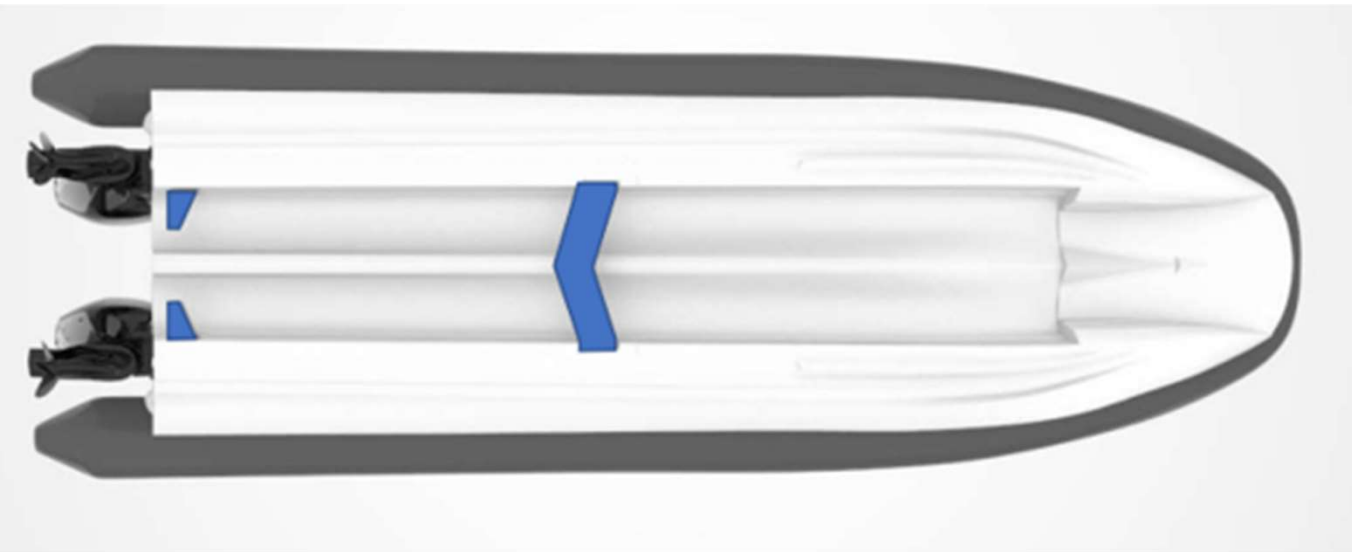
HYFOIL Marine was established in 2013 and has always operated in the great state of New York. HYFOIL insists on using the most modern materials and technologies to produce vessels that are USCG compliant with CFR for US Marine Manufacturers, NMMA certified using American Boats & Yacht Council standards,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

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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.



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**HYFOIL 22** can be powered with single or twin engines

Fully battery-powered:

Combustion engine:

**Twin 50 kW** **Twin 40 - 90 Hp**

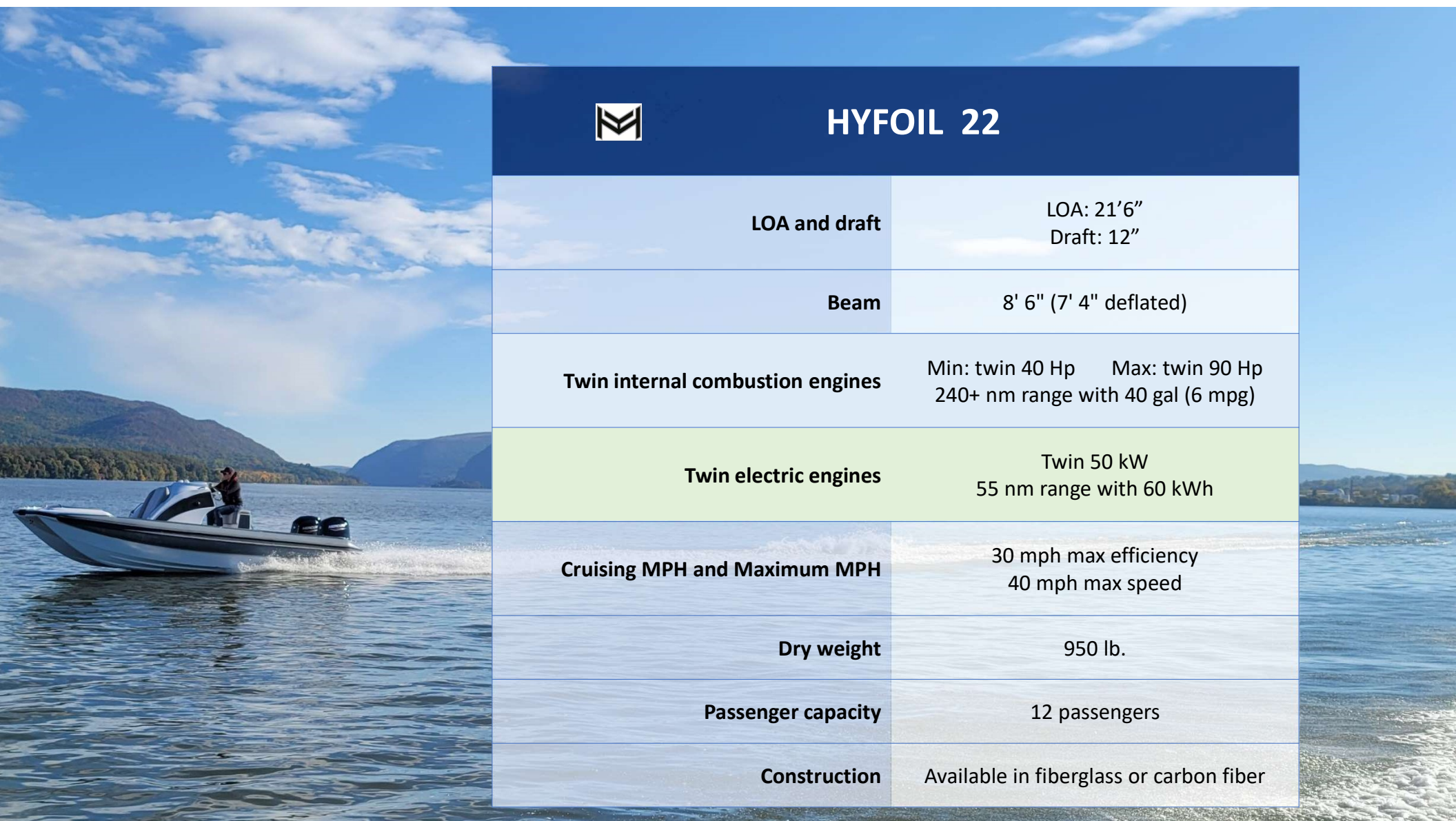
55+ nm range w/ 60 kWh battery @30mph

240+ nm range with 40 gal (6 mpg) @30mph



## HYFOIL 22

<b>LOA and draft</b>	LOA: 21'6" Draft: 12"
<b>Beam</b>	8' 6" (7' 4" deflated)
<b>Twin internal combustion engines</b>	Min: twin 40 Hp    Max: twin 90 Hp 240+ nm range with 40 gal (6 mpg)
<b>Twin electric engines</b>	Twin 50 kW 55 nm range with 60 kWh
<b>Cruising MPH and Maximum MPH</b>	30 mph max efficiency 40 mph max speed
<b>Dry weight</b>	950 lb.
<b>Passenger capacity</b>	12 passengers
<b>Construction</b>	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 in to 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 even 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.

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*Available with carbon fiber or GRP hulls*  
*Outfitted with choice of foil types: Sport or Eco*





Half the worry,  
twice the fun

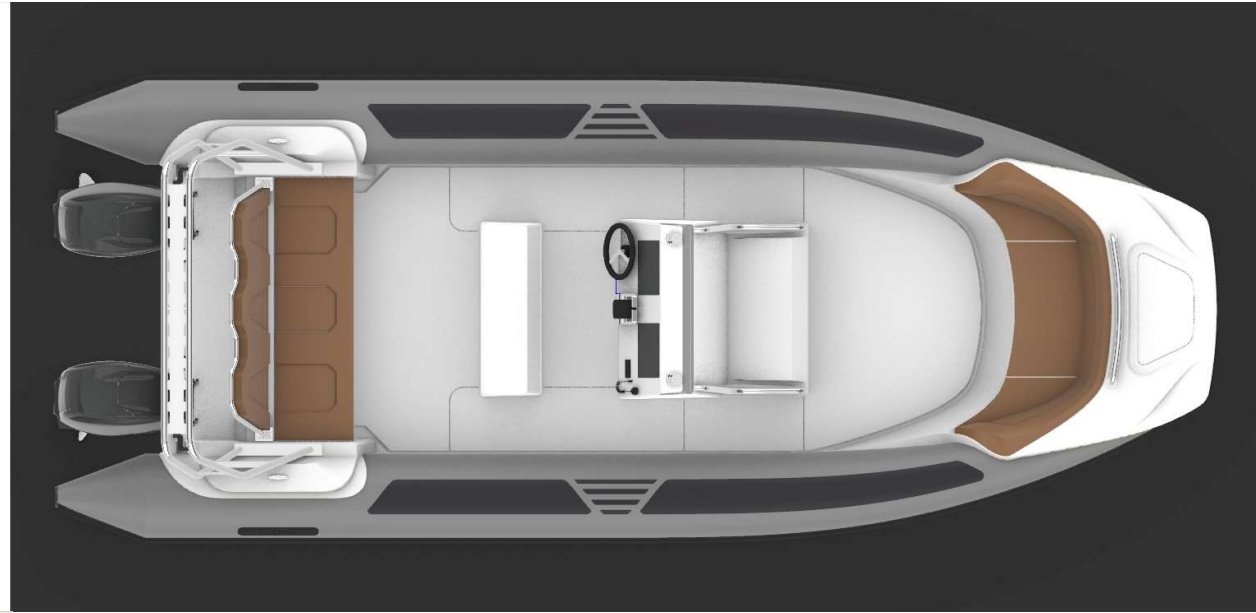
Exceptional comfort and a sense of control are what make HYFOILs so unique.

Compared to a traditional marine vessel, they're easy to store, transport, launch, and helm. Specialized engineering enables precision handling like no other, at speeds and with ease that's unmatched. With a shallow draft and ability to tackle tougher water than other vessels of its size, HYFOIL 22s make adventures even more accessible. To top it off, HYFOILs can be modified to accommodate needs and wants with a variety of foil types and powertrain options.

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The HYFOIL 22 is ultra-capable yet compact, and perfectly suited to extend your good times while boating on waters near and far.



Running fully battery-powered  
HYFOIL 22 vessels since 2023

Ready to fill your orders for 2024

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