



FOILER: THE FLYING YACHT
ELEVATING STANDARDS IN COMFORT AND PERFORMANCE



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- *It is time to raise the bar in yacht design with the revolutionary new FOILER flying yacht, built in the UAE by Enata*
 - *World debut at the Dubai International Boat Show 2018*
 - Foiler.com
-

Delivering a smooth and exhilarating ride for passengers, the FOILER offers a comfortable, high-performance driving experience for whoever is at the helm. Its retractable **carbon fiber retractable hydrofoils** deliver strength, rigidity and lightness, allowing the yacht to fly 1.5 meters above the water for the most exciting yachting experience imaginable, even while delivering up to 20% increased fuel efficiency at top hydro-foiling speeds.



UNPRECEDENTED

The FOILER delivers such a smooth and quiet passenger experience that the turbulence and slamming of a conventionally-designed yacht will feel outmoded in comparison. With a cutting-

COMFORT

edge hull design and **ground-breaking hydro-foiling technology**, the FOILER has a smooth and progressive take-off and landing, for the ultimate comfort of those on board.

Virtually eliminating sea sickness in passengers while soaring over choppy waters, the unique design of the FOILER increases your speed while reducing the effects of drag on fuel consumption. Glide across waves of up to 2 meters with little to no disruption to passenger experience and leaving up to three times less wake than a conventional yacht.

CUTTING-EDGE

PROPULSION

Using a **diesel-electric hybrid propulsion system**, the FOILER is a modern yacht in every sense, providing improved fuel efficiency to reduce environmental impact, lower running costs and maximise cruising range.

Travel at **speeds of up to 40 knots**, with **hydro-foiling flight commencing from 18 knots with 7 passengers and a driver**, running on hybrid power delivered by **twin 320hp BMW engines, two electric generators and two electric torpedoes**.

At a **cruise speed of 30 knots**, the FOILER flying yacht has a **range of 130 nautical miles**, drawing fuel from its 300-litre-capacity tank. And when traveling through ports or areas abundant in timid wildlife, the **hybrid propulsion system offers battery-powered silent cruising capabilities at 10 knots for up to 10 minutes**.





A GAME CHANGER SUPERYACHT TOY

For ease of maintenance, the retractable hydrofoils and propellers are lifted and positioned out of the water when not in use, which also reduces the yacht's height for storage and is particularly convenient for stowage in superyacht garages.



Dimensions

Length overall: 9.45m (31.0ft)

Beam with foils raised: 3.3m (10.8ft)

Beam with foils deployed: 7.2m (23.6ft)
Draft in non-foiling mode: 0.6m (1.6ft)
Height for stowage purposes: 2.3m (7.5ft)

Sailing Conditions

Max boat speed 40kts
Takeoff speed 18kts, crew of 8 (7+pilot)
Registered to carry 8 people, can carry 1 ton
Average range of 130 miles at 30kts
Capable to foil in 1.5m waves (gliding comfortably)
Full electric mode for 10minutes below 10kts
Fuel tank capacity, 300lt

Propulsion system

2 Diesel engines - 320hp each
2 Electric generators
2 Electric torpedoes to drive propellers

Foiling (above 18kts)

3 times less waves (wake) generated than a classic yacht. More ecological and less disturbance for other sea users
20% less fuel consumption
No noise from water impact on hull (very very quiet)
Yacht is very stable in flight, much more stable than a normal one. can easily walk around
Foils going through the waves with low penetration - can barely feels the waves
Very low maintenance as foils are stored out of water, as well as the propellers in the back

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