



Ridder, Gonzalo Costa Hoewel // Photography: Tiesda, You // Catalogue Version 01 / January 2017

STARBOARD FOILS





The first time I flew, it was a revelation. A mind-blowing, magical, memorable moment on par with those early planing days. Don't we all remember the first time we got planing? Who would have thought that there was another hidden level in windsurfing. We windsurfers savour those memories and here we are, with an opportunity to relive those feelings once more.

Flying over the sea without a sound, zipping along silently close to thirty knots. What could be more fun? The foil adventure begins.


Tiesda You
Starboard Foils



FOIL 147

DESCRIPTION

The light to medium wind foil board. Balanced and stable with a wide outline and a wide tail: offers power, stability and early planing. The model for slalom, racing, progressing and light to medium wind freeride.

DESIGN CONCEPT

Based on the UltraSonic 147, with added tail volume additional insert positions, reinforced construction and a reinforced Deep Tuttle finbox. Swap the foil for a fin and the Foil 147 becomes an ultra-efficient, fast planing machine made for lightwind slalom racing.

| | Foiling | Windsurfing |
|---------------|------------|-------------|
| Speed | ████████ | ████████□ |
| Power | ████████□ | ████████□□ |
| Wind Range | ████████□□ | ████████□□ |
| Early Planing | ████████□ | ████████□ |

| | UltraCore Carbon Reflex | Technora |
|-------------|----------------------------|---------------|
| Technology: | ✓ | ✓ |
| Dimensions: | 241 cm x 95cm | 241 cm x 95cm |
| Volume: | 147 litres | 147 litres |
| Weight: | 8.3kg | 9.5kg |



Starboard Foils: an open, modular foil platform. Wings, fuselages and masts can be interchanged or upgraded to match rider style, budget, foil racing conditions and sport discipline.



MASTS

CARBON 95 — CARBON 85 — ALUMINIUM 75

Three masts: the 85cm and 95cm are made with High-Modulus TriAx PrePreg Carbon for maximum stiffness, stability and control. The 75cm Aluminium mast is extruded from a die profile designed for more stiffness than conventional cross sections. The longer the mast, the more performance and more room to cross waves. Shorter masts are preferred for flat water and progressing foilers.



FUSELAGES

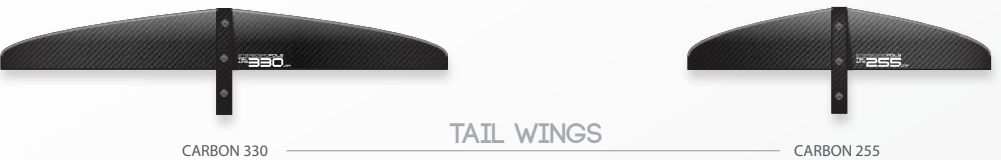
ALUMINIUM 115 — ALUMINIUM 75

Two fuselage lengths: 75cm, for a faster, more responsive foil ride, and 115cm for a steady ride with maximum lift, early take-off and maximum power. We chose aluminium for the construction of our fuselage, because they are stiffer, stronger and twist less compared to carbon fuselages, despite their weight. The stiffer and more rigid the fuselage, the better the control and stability of the foil.



FRONT WINGS

CARBON 800 — CARBON 550



TAIL WINGS

CARBON 330 — CARBON 255

Front wing selection: the 800 is for lighter winds, favouring early take-off and upwind power. The 550 is for higher speeds and faster acceleration in windier conditions. Tail wings: the 330 is the larger tail wing that gives more stability, earlier take off and more power. The 255 is the smaller tail wing for more speed and less power.

Starbord Foil Sets: we've put together four foil sets ready to fly right out of the box - the Slalom, the Race, the GT and the Ultra.



ULTRA

Carbon Aluminium*

Our fastest foil for medium to high wind conditions.



Mast: Carbon 95cm
Fuselage: Aluminium 75cm
Front Wing: Carbon 550cm²
Tail Wing: Carbon 255cm²



SLALOM

Carbon Aluminium*

The fast foil for slalom and freerace foiling. The larger tail wing gives more stability compared to the Ultra at a slight expense in top speed.



Mast: Carbon 95cm
Fuselage: Aluminium 75cm
Front Wing: Carbon 550cm²
Tail Wing: Carbon 330cm²



GT

Carbon Aluminium*

The freeride model. This set uses a shorter mast for a lower, easier flight and larger wings for more stability and easier take-off in lighter winds.



Mast: Carbon 85cm or Alu 75cm
Fuselage: Aluminium 75cm
Front Wing: Carbon 800cm²
Tail Wing: Carbon 330cm²



RACE

Carbon Aluminium*

Maximum power, maximum upwind with the earliest take-off. The long fuselage also makes the foil super-stable for progressing foilers.



Mast: Carbon 95cm
Fuselage: Aluminium 115cm
Front Wing: Carbon 800cm²
Tail Wing: Carbon 255cm²



*Available summer 2017

FAQ

Can I use the Foil 147 for regular windsurfing?

Yes. The Foil 147 is very similar in shape to the UltraSonic 147, so it works like an UltraSonic for regular windsurfing. The differences: it is supplied without fin, the tail has been redesigned to give earlier planing, better heel support for the back foot and extra inserts have been added to allow more tuning positions and wider strap apertures.

Can I use a normal windsurf board with Starboard's foil?

We can't recommend normal windsurf boards because the board's fin box will eventually break. We did use regular boards ourselves during development and we know many people will end up using regular boards for foiling; and they work because our foil geometries require boards to have their fin boxes placed in standard windsurfing positions. We can only advise you to do this at your own risk. If you do choose to use a regular board, the wider the board, the better.

What foil should I choose?

If you are just getting into foils, I would recommend to start with the Slalom or the GT. Once you have a Slalom or a GT, you can add an extra wing set or fuselage later to cover more conditions. For experts, we also have a Team Set (not shown here in this catalogue) that includes the 95cm mast, both fuselage sizes, both front wing sizes and both tail wing sizes.

What happened to the F4 and Horue wings mentioned in the 2017 Starboard Windsurf catalogue?

At time of print, we were in discussions with F4 to produce F4's wings for the Starboard platform. When Starboard's own wings won our tests and F4 became exclusive to another brand, we cancelled the F4 wings. The Horue Wave Freestyle Foil and the Foil 117 board are both currently under development. As soon as they become available on the Starboard Foil platform, we will publish updates online.

