

Board

Range

2012

fone

Twin Tips

Collection
2012

All our innovations are tested on the flagship board of our twin-tip range, the Trax. For 2012, we have focused all our R&D attention to the seventh generation Trax. Then we pushed one or more of these innovations to each of the other boards of our range according to their specifications. For 2012, the Acid and the SK8 benefits from new shapes inspired directly from research and innovations made on the Trax.

TECHNOLOGIES :

Wood Core :

The wood forms the heart of your board and gives it most of its mechanical properties: strength, flex and resilience (ability to return to its original shape). Each year, in order to master these properties, we seek to optimize its distribution, particularly in terms of thickness.

Dynamic Flex :

Flexibility and impact absorption are synonymous with comfort; however comfort does not mean sacrificing control and performance. It is difficult to reach this compromise, and this is the main reason behind the development of the Dynamic Flex, which can absorb the chop, without compromising the control and edging.

Direct Drive :

The Direct Drive technology is present on our boards since 2001, and refers to a board with minimal thickness, a 100% wood core and a 100% fiberglass envelope. These interlocking elements meet the F-One standards for a kite board and provide maximum durability. The Direct Drive translate into a precise board, quick and active as it erases the flaws of the water surface, collecting its energy and giving it back for the best performance. The feeling of riding a rock solid board always in contact with the water without suffering from it is even greater.

TC ou TCC :

The Twist Control, or Twist Carbon Control on certain models, allows to manage the board's twist and transversal reactivity. Depending on the model, this cross-shaped structure is either an add-on or cnc-machined directly into the mass of the wood core. Using it is also a guarantee of a better control whatever the water conditions. TC & TCC can also optimize the ratio weight/rigidity and weight/reactivity.



TRAX

PROGRAM : freestyle

High-end board of our range, this is the seventh evolution of the Trax. True laboratory for the development of our entire range, the Trax is once again at the forefront of innovation with a focus on what we do best, both in terms of design shape and technology. Board firmly geared toward performance, we wanted to optimize its lines, whether on the bottom or on its deck. A new double concave with a progressive V combine clean pure lines and high efficiency on the water.

The new progressive V is at its maximum under the feet and associated with a double concave; in the manner of a propeller blade. This combination gives early planning, up wind and stable edging; qualities that are appreciated by freestylers and freeriders.

This year we were particularly interested in an aspect often neglected in a board, the shape of the deck. Combining the Twist Control Carbon and a well thought out deck brings a significant gain in rigidity, weight distribution and improves the general reliability. The complex 3D shape of the Twist Carbon Control is an integral part of the board core structure. The core consists of strips of Polonia wood, glued vertically and CNC-machined in 3D. The distribution of thicknesses and the formatting of volumes is directly done within the laminated Polonia. It is the form given to this core shape that is the basis of the Twist Control. Adding a layer of carbon brings the ideal strength to the qualities of the wood core distribution. This structural combination gives the board a greater liveliness and longitudinal stiffness as well as a significant weight advantage. Finally, the inverted rail was abandoned this year in favor of more rounded rails, surf type, and shaped within the ABS rail.

TECHNOLOGIES

- Twist Carbon control
- V Double Concave
- Direct Drive
- Dynamic Flex
- Wood Core
- Unibox

Pure & Effective



132 x 39

134 x 40

136 x 41

TRAX LW

PROGRAM : Light Wind

Big brother of the Trax, and clearly designed for light wind, the successful shape of 2011 has not been modified to retain all its qualities, its overall performance and particularly his early planning ability.

TECHNOLOGIES

- Twist Carbon control
- V Double Concave
- Direct Drive
- Dynamic Flex
- Inverted Rail
- Wood Core
- Unibox



140 x 45



TX 5

PROGRAM : Freeride

After several years of evolution, we agreed to not greatly change a shape that blends great performance, comfort and ease of use. Only a size variation has been added to the mix with a 132 x 38 added to its range. The 132 x 38 is a «small» board, either for a small rider or for a bigger one looking for a board to use in strong wind. She replaces the Trax 6 that offered the same size in 2011 and has gained a more concave/channel type base.

TECHNOLOGIES

- Concave Steps design
- Direct Drive
- Dynamic Flex
- Inverted Rail
- Wood Core
- Unibox

A magical shape



132 x 38 134 x 39 136 x 40



SK8

PROGRAM : Carving

This board has always been a real standout in high wind situation and two aspects have been improved for the 2012 version. Its early planning ability has been improved, thanks to a new shape, with reduced drag as well as greater carving performance with the addition this year of the Twist Control technology. As a result, the SK8 is more flexible with added liveliness, all this without added weight.

TECHNOLOGIES

- X Twist Control
- Double Concave
- Dynamic Flex
- Inverted Rail
- Direct Drive
- Wood Core
- Unibox



132 x 38 134 x 39



ACID

PROGRAM : New School

The New School Freestyle board of the range. In 2012, the Acid has a new shape, a double concave blended to a V that is progressive longitudinally and a new rocker. We've kept the Twist Control to better control the board torsion. Ultimately, a gain in pop and a more tolerant board during your landing when riding with your kite low.

TECHNOLOGIES

- X Twist Control
- V Double Concave
- Dynamic Flex
- Inverted Rail
- Direct Drive
- Wood Core
- Unibox



127 x 37

130 x 39

132 x 40.5

Strap & Pads



Ratinum
pro-pads.

Probably the most comfortable combo Strap / Pads on the market, we are bringing it back untouched for 2012.

The pads are, in general, difficult to design because they must fit all types of feet. They must ensure the best connection with your board to have the best feel possible while riding and absorbing the impacts. With the straps, the pads must lock your feet in the ideal position. To obtain the highest quality pads, we have chosen an injected process that permits various forms and densities.

TECHNOLOGIES :

Double Density Foam

- The upper layer is the softest, will absorb small impacts and will mold the pads to the exact shape of your foot.
- The lower layer has a higher density and will absorb the heaviest impacts.

Injected foam

The choice of the density and its inner quality of memorizing its form are essential for the pad's comfort and its durability.

Hollow cones

To maximize the pad's cushioning and reduce its weight, we have placed holes where the pressure when riding permits.

ERGONOMICS :

Cant

Allows for the ankle to be positioned in the leg axis and to wedge the foot on the outside for the ideal riding position.

Anti-Forward Profile

The height under the front section is higher to prevent forward slipping.

Anti-twist

The heel is clamped on the outside, thereby limiting the torque.

Maxi Heel Thickness

We have increased the foam thickness under the heel for better cushioning. Its purpose is to maintain the link with your board and reduce shocks.



Few changes on the 2012 fins, which use the UniBox Patent filed in 2011. Only the fin profile has been slightly optimized to improve reliability and durability.

Our patented UNIBOX system removes all of the traditional fin profile design constraints. The fin base goes through the board and is secured on top by a thin box. The main innovation of this system is that the box does not need to be integrated into the board; rather the board is sandwiched between the fin and its box. As a result, our 3mm board thickness and its flex are left untouched. With the Unibox System and its asymmetric profile fin, you gain in gliding efficiency and with an early planing. It improves the ride comfort as well thanks to its flex.

MOUNTING :

The "RESPONSE" fin's head is color coded on their base (red and green) to facilitate their assembly and respect the asymmetrical aspect. The matching color is also present inside the fin holes on the board. As a result, mounting the fins is really easy: red on red, green on green. The box part on top of the board can be mounted in either direction.





Collection
Surf
2012

If you are a fan of cruising, a committed rider regardless of the conditions, an expert surfer or a kitesurfer beginner, it is with you in mind that every year we seek to improve the coherence of our surfboards range so that everywhere around the world you can find the perfect surfboard for the conditions you encounter on your travels or at home.

Some boards are receiving a light facelift since their shapes were already perfectly adapted to their program and required only small adjustments.

In contrast, profound changes have taken place on the Signature 5'10" and 6'0" because the stresses generated by a kite on a moving surfboard are very different than those coming from a paddle surfer.

The range of our 2012 surfboards is the most complete to date. It is the result of many years of experience, hours of testing and mainly the result of our passion and hard work; a range that does not sacrifice performance or aesthetics.

Bamboo always...

Precursors in the use of bamboo for our surfboards lineup, we searched again and again to optimize our manufacturing processes that use this wonderful material. Combining its natural qualities with those of other materials to get the best shapes is more than a pure R&D question at F-One, it is a passion, and the end result must be as beautiful as it is efficient.



SURF Strapless

THRUSTER

For paddling surf, strapless kitesurfing or strapped kiteboarding, these two boards will adapt to the conditions of wind or waves you will face. For a wave trip, if you must take only one board, it is one of these two boards that will accompany you.

The **6'2"**: Mito choice since its addition in the range, and he will use it again in 2012. Its volume oriented to surf allows the use of a smaller kite size and doing the most daring transitions and hits at low speed.

In 2012, the **6'2"** underwent its first refinement, with a slight modification of its rocker, the addition of a V-Shaped bottom and a slightly wider outline at the nose. Objectives: gain in stability during turns and improved transition from rail to rail and finally, a significant gain in liveliness in all conditions, whether in pure surf, strapless kite or not.

The **6'4"**: Already had a slight update in 2011 and for 2012 remains unchanged. It's more accessible for paddle surfing during take-off. Its width gave it the advantage in light air and its natural upwind ability means you will be the first to reach the peak, and often alone...



SIZES :

6'4" 193* x 48.5 cm

6'2" 188* x 46.5 cm

*Stringerline

SURF Signature

CONCAVE DECK & QUAD

Radical innovation here, 100% new shapes, two boards that represent the culmination of 15 years of R&D on kite boards dedicated to wave riding.

By giving up some surf principles for creating kite specifics, they are no longer surfboards tweaked for kite use, but real surfboards developed specifically for having a kite in your hands, whatever the conditions.

Because a kitesurfer does not need a lot of volume to take off - as opposed to a paddle surfer - the volume distribution was optimized through a unique new shape: an inverted concave deck. It allows to both lower the center of gravity and to increase the control by reducing the thickness of the board under the front leg, without affecting the profiles of the rails. The result is a significant gain of control in your turns. The inverted concave deck allows the use of pads twice as thick under your front legs to further enhance comfort.

What's new in terms of shape does not stop at the deck: the new double concave V-shaped bottom and ultra progressive rocker allows for improved edging, acceleration, turning radius and radical angles; all this with more control and ease of use. Comfort is also enhanced by the choice of a double concave with V providing a smooth ride through the chop and faster transition from rail to rail.

Equipped with a quad fin setup, the gain in maneuverability allows committed surfing whatever the conditions. Small or large, the waves do not define your commitment; but the ways you enter in your turns are now open to you. With the quad design, you will adapt the turning radius to your style, whether tight, fast, drawn out or slashed turns. Versatile these are the real kite surfboards.

2 sizes for 2 programs slightly different:

The **5'10"**: for faster, powerful waves and/or in strong winds.
The **6'0"**: in conditions less radical, or to gain stability in large surf.



SIZES :

6'0" 183* x 45.5 cm

5'10" 177.5* x 45 cm

*Stringerline





Fish

THRUSTER

Difficult to change a shape that worked so well in light wind and small waves! Its perfect rocker gives our Fish boards their incredible early planning ability and their maneuverability which remains unchanged. We worked on the outline with very slight modifications. Our goal was to facilitate entry into fast curves with an ever faster exit. A wider nose gave us that result. Easier during your turns, our FISH also gained in stability with a more natural drive, less technical.

Available in two sizes, these two Fish offer the same program; oriented toward light wind and small waves. We recommend the **5'4"** below 80kg, the **5'6"** above.



SIZES :

5'6" 167.5* x 50 cm

5'4" 162.5* x 48 cm

*Stringerline

Malibu

THRUSTER

A newcomer for 2012 is the Mini Malibu **7'0"**. Ideal for learning all the basics of strapless riding. Designed for the kite world, it has proven to be also an excellent board for pure paddle surfing.

Cruising or on soft waves, its length of **7'0"** with a long submerged rail means the Malibu is a natural up-winder. Its pin-tail with thruster fins setup allows tight turns without the need to move back and forth on the board.

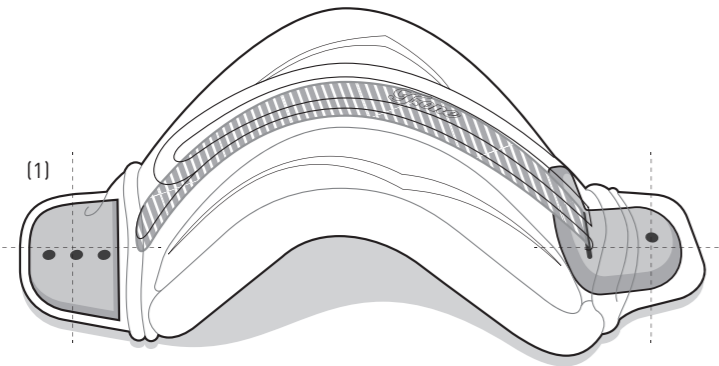


SIZE :

7'0" 213* x 52 cm

*Stringerline

Surf Strap Evolution



Since 2011, the strap locks that we developed for the Twin Tips have been adopted on our surfboards range. For 2012, we have optimized the setup with the removal of one strap lock on one side (1). The straps come with all our surfboards and have gained in comfort and flexibility.

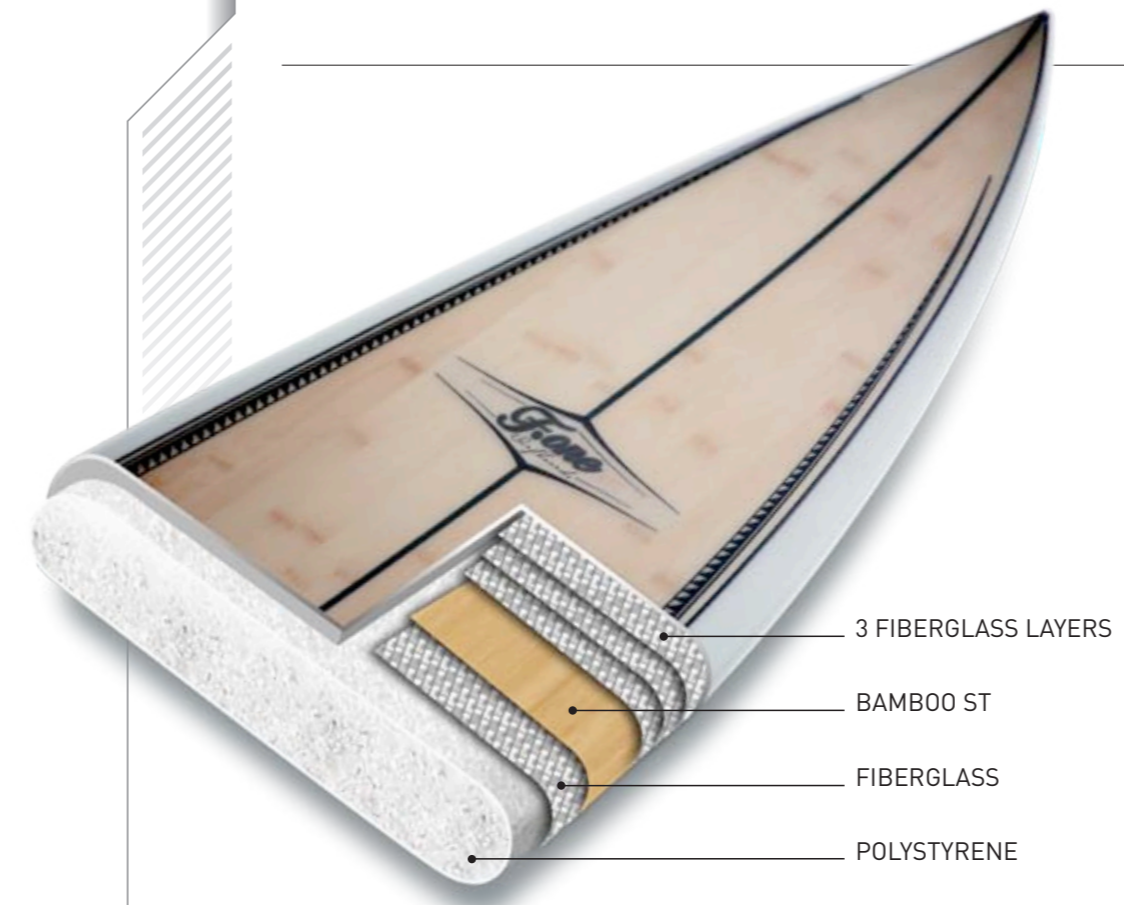


TECHNOLOGY :

A kite board sustains more constraints than a standard surf board. It endures more pressure mainly in the upwind stage, in the chops and during jumps. A sandwich construction is required to have a product adapted to our sport. Loyal to wood, which is the core of our twin-tip boards, our researches lead us to bamboo. The result is a light structure, super strong which absorbs the constraints.

The extremely dense cellular structure of the bamboo surpasses the one of the oak in stability and elasticity. Bamboo is superior to wood in terms of durability and rigidity. This mighty grass is extremely solid due to high elasticity fibers lined up to the cane on the outer layer of the peel. In traction's resistance, bamboo fibers match up the ones of trees and constructions steel.

The use of bamboo is also environmentally responsible. It benefits from an astonishing growth rate: the "giant bamboo" will grow 30 to 50 cm per day to reach 15 to 30 meters. Every year the "mother plant" generates several shoots. In a full grown "forest" the shoots can therefore be harvested after 5 years without reducing the size of the forest.



- 3 FIBERGLASS LAYERS
- BAMBOO ST
- FIBERGLASS
- POLYSTYRENE

