

SUMMARY 2016 COLLECTION

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PROFILE & SWING

For this 9th edition of the BANDIT, we have worked essentially on the two following axes: profile refinement and the swing of the kite to improve the depower. Our designer Robert GRAHAM has smoothed the profile down to the perfection on the whole span of the canopy. The kite is therefore more stable and performing better, with no parasitic movements.

We have then modified the way the kite swings around its bridle and depowers, as well as the quality of the depowered profile. It is now more stable in static position on the beach but also in motion during flight.

We have changed the fabric used on the trailing edge, which used to be 170 g Dacron, for two layers of 52 g canopy fabric. This makes the kite lighter while avoiding flapping.

Thanks to all these improvements the kite holds firmly its position on the edge of the flight window while riding with no forth and back movements. The continuous trac-

tion it provides is impressive whatever the wind strength. This is especially efficient for upwind riding where the BANDIT will let you ride with a better angle effortlessly with good speed control.

This new improved flight stability opens the way for some really stable steering, free of all parasitic movements. The bar feeling is more than ever direct, accurate and clean.

- In the low range the BANDIT is responsive and light.
- In the high range the kite proves reassuring and absorbs the gust.



PERFORMANCES

A better performer, the 2016 BANDIT is easier to send to the top of the window for the jumps and offers more hang time. The kite flies faster through the window during the loops, showing no decrease in speed before rushing back to the zenith.

For unhooked riding, its stability and ability to fly close to the edge of the window enable a better pop with a progressive traction through the handle-pass moves.

After 9 years of development on the BANDIT, we have yet again improved and refined each size for its program:

- C Larger kites of 11 m² or more are optimized for light air riding with a particular focus on lightness and maneuverability which are critical on these sizes. They offer an unprecedented amount of power per square meter and an improved behavior in the upper range.
- Sizes of 8, 9 & 10 m² are super-efficient in any kind of winds and disciplines.
- The smaller 5, 6 & 7 m² kites are targeted at wave riding. Control of the speed of the kite has been improved to help you focus on your carving lines while surfing. Superior control in the upper range and overall comfort are also proofs of the significant developments made towards wave riding as much as the gains in stability, the improvements in bar feeling and maneuverability.

















TECHNOFORCE™ Double Ripstop Fabric

TECHNOFORCE™ is a high density fabric with a tear stopping structure using thin and high tension double yarn.

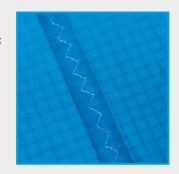


F-ONE PULLEY

- Pulley structure is extremely resistant.
- Bridle is integrated in the lower part of the pulley, working in its axis and not sideways.
- Pulleys can be removed independently from the bridle, you can change the bridle and keep the pulley or vice versa.



Stronger assembly of the panels: they are now glued and sewn together to make the canopy more rip resistant.



VERTICAL CUT STRUTS

The BANDIT struts are designed with a vertical cut in order to optimize the strength/diameter ratio.



STREAMLINED LEADING EDGE END TIPS

The leading edge tips benefit from a reduced diameter, they are streamlined and equipped with a strap to avoid bridle tangling and drag effect.



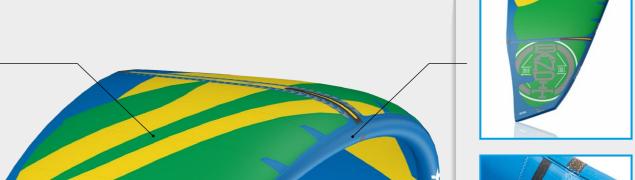
KITE TUNING

Three different positions for back lines.

Front: more bar pressure, slower turning kite.

Back: lighter bar pressure, faster turning kite.





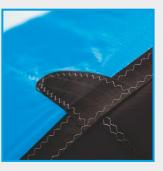
TRAILING EDGE

The internal outline of the trailing edge panels is no more linear but with a series of arches. In the center, dacron has been replaced by a double layer of canopy fabric which improves spreading the tensions, maintaining the profile and brings new gains in stability and performance.



ONE PUMP COLLAR VALVE

- Easier to remove and put back.
- Practical during bladder replacement.



CANOPY REINFORCEMENT

DACRON reinforcements added on the front part of the kite profile strengthen this critical area and reinforce this high friction zone.

KEVLAR REINFORCEMENT ON LEADING EDGE

Most seams on the leading edge are now reinforced with Kevlar to prevent the seams from deteriorating on aggressive ground friction.



















SIZE (m²)	4 m²	5 m²	6 m²	7 m²	8 m²	9 m²	10 m²	11 m²	12 m²	14 m²	17 m²	
WIND RANGE (knts)	35 +	30 +	28 +	25 +	20 > 35	15 > 30	12 > 26	11 > 24	10 > 22	8 > 18	8 > 16	

Its DELTA C SHAPE geometry, created and developed by F-ONE, remains the most acclaimed recent evolution to enable an easy relaunch.

R&D

PRESENTATION

With an incredible speed control, the TRUST will make it easier for the riders to carve and dampen the waves and chop. Its exceptional upwind capabilities with flawless stability at 12 o'clock make it the perfect partner.

The construction features a new fabric, the well known TECHNOFORCE™ double rip stop from TEIJIN. With superior resistance, robustness and more stability, this new fabric enables an unprecedented control of the canopy profiles.

The 2015/2016 TRUST also benefits from new reinforcements and a more balanced distribution of the tensions across the canopy fabric. One Pump valves have been further optimized. Thanks to the new fabric, it was possible to improve significantly the kite profiles with some neat gains in performances and ease of use. Remaining incredibly intuitive and stable to steer, with excellent power control and speed, the kite still demonstrates the best relaunch capacities.

The 2015 - 2016 TRUST makes it easier to ride underpowered without stalling the kite with power constantly available and easy to regulate. In the high range, the TRUST doesn't pull laterally and can be eased progressively to head higher into the wind in complete comfort therefore making upwind riding as easy as it can get.

The bar feeling is more pressed for a more expressive feedback of information which will help the less experienced riders. The TRUST is designed to fly with complete control in any kind of wind conditions. Its behavior is reassuring and will give you full confidence to improve and push your level.



The AUTO RELAUNCH system will let the TRUST relaunch easily without requiring any complex procedure and will let you ride with full peace of mind. Diagonal webbings are located at the tip of the struts for more safety to avoid catching the lines. The kite can be neutralized easily when triggering the safety release as it will simply land on its back with no traction force thanks to the EVO bridle setup.

The whole range has been redefined so as to offer a very consistent set of kites which all share the same qualities and feeling. There is no adaptation required from one size to another one.

The 2015/2016 TRUST is therefore a really high performing kite while remaining very accessible and easy to ride. With its very smooth and predictable behavior, it offers a uniquely intuitive steering. This kite will be the perfect ally to make the most of your sessions and enjoy some amazing sensations.















TECHNOFORCE™ Double Ripstop Fabric

TECHNOFORCE™ is a high density fabric with a tear stopping structure using thin and high tension double yarn.

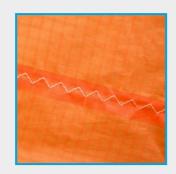


F-ONE PULLEY

- Pulley structure is extremely resistant.
- Bridle is integrated in the lower part of the pulley, working in its axis and not sideways.
- Pulleys can be removed independently from the bridle, you can change the bridle and keep the pulley or vice versa.

FLAT SEWING

Stronger assembly of the panels: they are now glued and sewn together to make the canopy more rip resistant.



VERTICAL CUT BATTEN

The TRUST struts are designed with a vertical cut in order to optimize the strength/diameter ratio.



KEVLAR REINFORCE-MENT ON LEADING EDGE

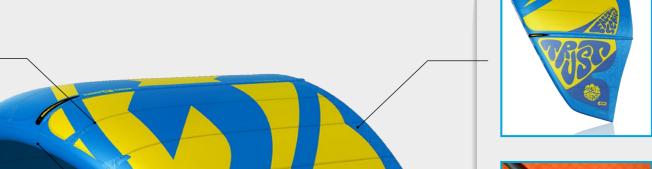
Most seams on the leading edge are now reinforced with Kevlar to prevent the seams from deteriorating on aggressive ground friction.



STREAMLINED LEADING **EDGE END TIPS**

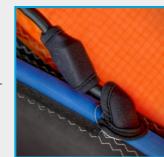
The leading edge tips benefit from a reduced diameter, they are streamlined and equipped with a strap to avoid bridle tangling and drag effect.





TRAILING EDGE

The shape of the trailing edge panels is no more linear but with a series of arches in order to improve distribution of the tensions, and thus improve stability and performances.



ONE PUMP RING

This sliding ring clips onto the one-pump tube to secure it in place. It slides easily and makes it effortless to change the bladder. One Pump valves positions have been further optimized.



CANOPY REINFORCEMENT

Dacron added on the front part of the kite solidifies this primordial part and reinforces this great friction zone.



KITE TUNING

Two different positions for back lines.

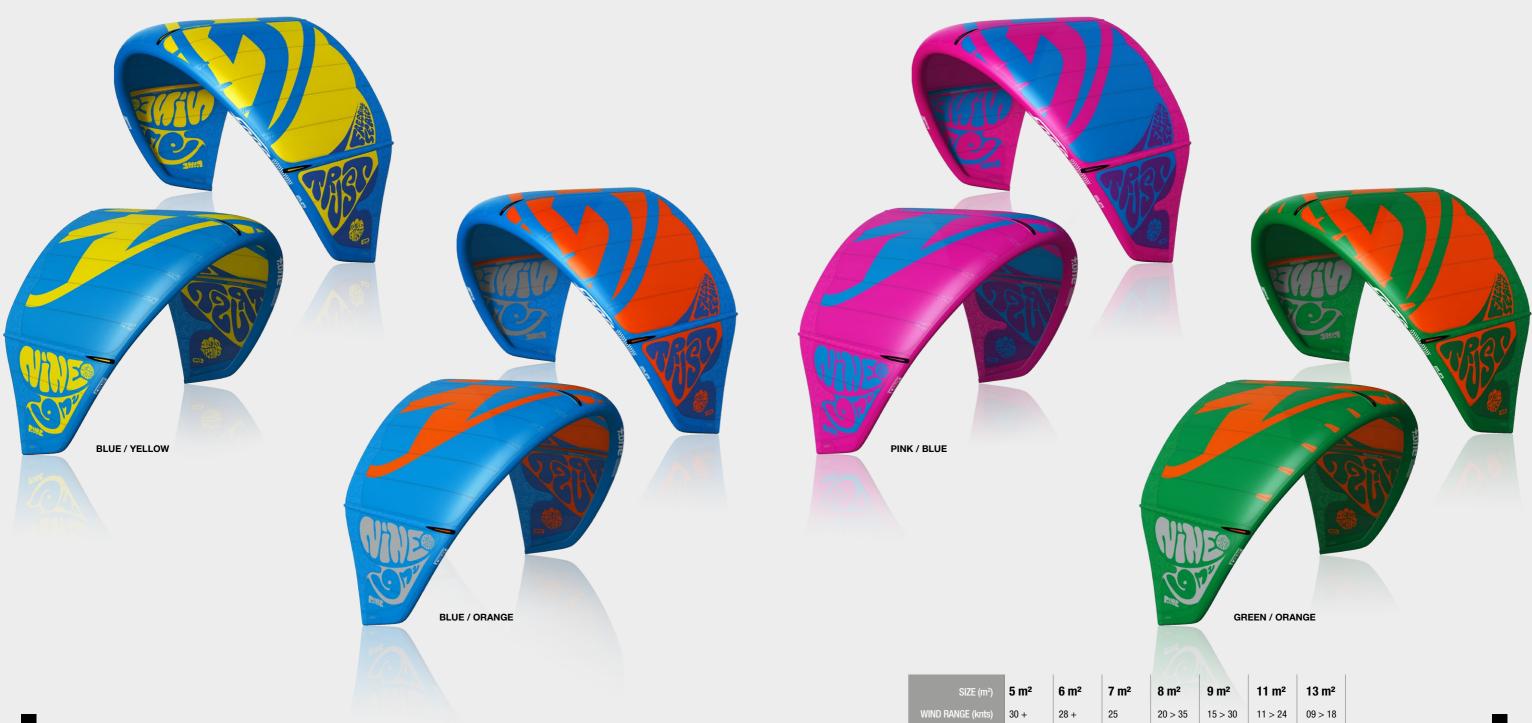
Front: more bar pressure, slower turning kite.

Back: lighter bar pressure, faster turning kite.











DESIGNED FOR PODIUMS!

The story of the DIABLO is first of all a men story. When we decided to start the foil kite program it was only because we were able to collaborate with a state of the art designer and factory from the paragliding industry, namely Mr Gin SEOK SONG.

GIN GLIDERS PARAGLIDING is a leading brand of high end and competition paragliders. The DIABLO was designed by Gin SEOK SONG and then tested and developed by two previous paragliding world champions: GIN test pilot Hans BOLLINGER and the F-ONE designer Robert GRAHAM. They used advanced design and manufacturing technologies that have been acquired through many years of paragliding. The experience of this collaboration has enabled us to quickly build a kite that has already placed F-ONE team riders on the podium of international competitions.

The collaboration between F-ONE and GIN GLIDERS was natural because both the companies and the founders GIN SEOK SONG and Raphael SALLES are driven by the same passion. Passion for their respective sport as well as for high end products and innovation.



SUCCESS

The DIABLO was a success right from the first few races as Maxime NOCHER was present on the podium with impressive multiple 1st places.

FEATURES

The performances were of course there but the entire team was also focused on the other features that the kite must also have:

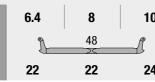
- Quality: the choice of the fabrics, the construction, and the high quality controls are direct descendants from high end paraglider production. The need for control is greater for foil kites because the body and bridles are more complicated and demand high precision.
- Stability and ease of use: our philosophy is not only to target high performance but also to have a kite that is easy to use for everyone.
- Dar feeling: for some riders getting into foil kiting it is a new experience so we wanted to have a bar feeling as close as what they are used to having with inflatable kites.
- Handling and turning: the way the kite turns and the bar pressures during the turn are key positive aspects of the DIABLO.
- Look: because a high end product should also be beautiful the DIABLO has an incredibly majestic presence in the sky.

It's quite difficult to quantify all of the design and construction features present in the DIABLO, but when flying this incredible wing you will feel the passion, energy and knowledge that the work of the R&D team have achieved.

Mr GIN, two world paragliding champions Hans BOLLINGER and Robert GRAHAM, racing world champion Maxime NOCHER, top foil riders Romain CASTEL and Joev PASQUALI and our experience: only such incredible competences could enable us to enter the top level of foil kites in such a short time.



SIZE (m²)	
BAR (cm)	
LINES (m)	





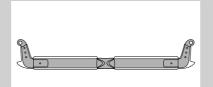


F-ONE **PUSH-AWAY** QUICK RELEASE.



SAFETY SYSTEM

Designed to work efficiently even in the most critical situations, it can be triggered under load but also when the lines are slack. A stopper at the top holds the kitebar to make sure the system works even when the bar is pushed towards the rider and blocked in the lowest position. Its new push-away system enables to trigger the release with minimal force even under the highest loads (tested up to 400 kg). The 2016 quick release is provided with more rigid elastics and the upper part has been shortened by one centimeter to achieve a longer depower line.



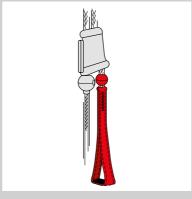
COMFORT

For increased safety and comfort, the The MONOLITH bar benefits from an bar ends are molded with a soft material. The anti-sliding thermoformed grip also has a double EVA layer on top of the bar.



"SUICIDE LEASH" MODE

With its larger 5th line ring, the new F-ONE Push-Away system offers a leash set-up enabling to release at any moment, including in Suicide Leash mode.



DEPOWER SYSTEM

The F-ONE depower system is ultra intuitive, resulting in great efficiency and reliability.



The unsheathed cordage simply slides effortlessly on the surface of the pulley whose shape has been tailored for this purpose. Simple and robust, the new F-ONE friction pulley is more reliable and does not wear out in time.



THE MONOLITH BAR SETUP IS COMPATIBLE WITH THE BANDIT 4, 5, 6, 7 & 8.



UN-CONNECTING STRIP

Undo your lines super easily by simply pulling on the strip.



HANDLE PASS

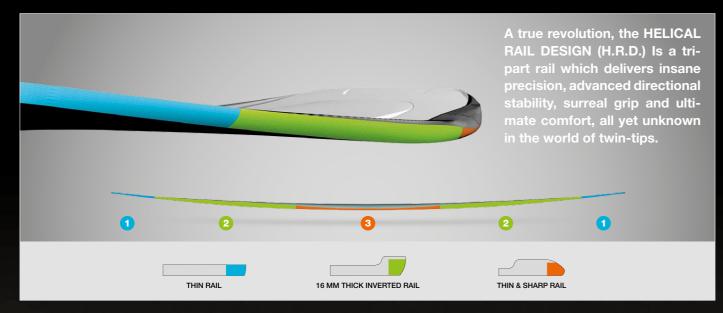
& BAR BAG.

LEASH

anodizing process that reinforces the external structure of the bar and blocks all corrosion.

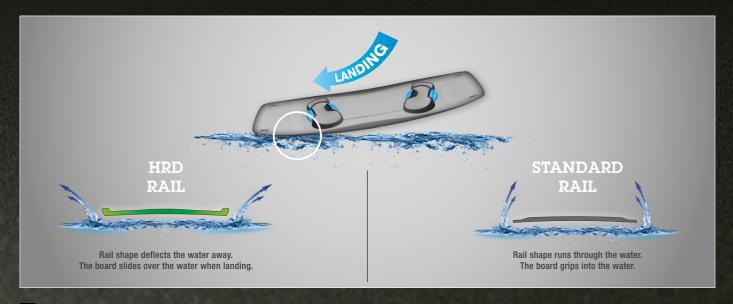
ANTI-CORROSION

HELICAL RAIL DESIGN



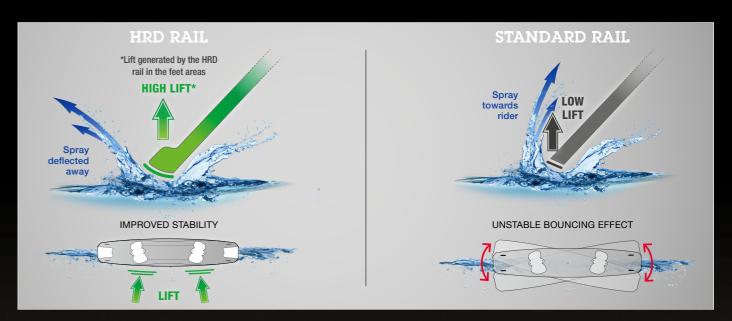
1 THIN RAIL

Towards the tip of the board, the rail returns to its original thin shape to ensure grip during take-off and pop.



9 16 MM THICK INVERTED RAIL

In the feet areas, the rail profile is very thick and inverted which creates two support zones that stop any bouncing effect. It also generates impressive vertical lift that offers early planing and sensational drive. Its sharpened top edge reduces water spray towards the eyes and legs.



9 THIN & SHARP RAIL

On the central part, the rail is thin and sharp, allowing edging, jumping at any time, also delivering a huge grip and outstanding pop!



BENEFITS

Using the HRD features landing any jump or trick as never been so simple!

The HRD rail provides new performance and a truly unknown riding sensation like riding above the water. The 16 mm thick rail also strongly increases the resistance of the structure and locks the twist of the board. With its helical shape, the HRD rail is going to establish a new era in kitesurfing!

2//

ABS

HYBRID CAP

RAIL

HYBRID CAP RAIL ABS

This construction process which cleverly combines the sleek lines and perfect grip of a cap construction rail with the toughness and durability of an ABS rail. As on a cap construction, the deck comes down towards the rail but finishes on a rounded ABS sidewall providing a shape similar to a surf style rail.



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.



DUAL CORE TECHNOLOGY

It's the combination of wood and closed-cell foam to achieve a core of ideal stiffness and weight. Wake style boards require higher volume and therefore more thickness. So in order to keep the weight down, closed-cell foam is used as core material in low stress areas of the board while wood remains in high load areas to get a durable board with a perfectly tuned flex.



TWIST CONTROL

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 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.



ABS INVERTED RAIL

We sought to gain support and a more progressive and constant contact in the water. Starting with a surf rail type, we have only kept the bottom part and the result is a reversed rail profile. Its entry into the water is more gradual and the board feedback is softer.



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.



Inverted

V DOUBLE CONCAVE

Double concave sections are designed to direct as much as possible the water flow so that when riding the concaves provide clearly superior grip. During landings, the water is directed out making the touch-down smoother and more stable, avoiding unwanted bouncing and sliding effects.



CONCAVE STEP DESIGN

The combination of a bottom concave and a channel which tightens the central part, allows instant planning, with strong upwind potential The concave absorbs the chop and improves its grip on the water. The channel enhances the flow of the water and relieves the pressure on the back foot, providing incomparable comfort.



DIRECT DRIVE

This 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.



LITE TECH

Light up your board! The new LITE TECH (Integrated TPU Element) patented by ROSSIGNOL Snowboards is an F-ONE exclusivity in the kiting world bringing an incredible look and design to your board.



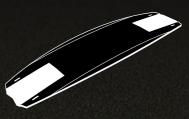
3D DECK STRUCTURE

Board flex is tuned through both materials and shape. The shape of the deck is especially engineered to make the board ultra responsive between your feet for maximum drive and precision with the flex increasing progressively towards the tips for maximum pop



TIP RECESS

Reduces the core volume (and weight) and adds extra flexibility towards the tip of the board. Combined with the other deck features, this makes the board stiff in the middle sections but with a nice flex towards the tips, making the drive very precise with a smooth riding feeling and extra pop for the jumps.



LIFTED TIP CHANNELS

These channels help provide superior grip towards the tip of the board and are designed to be super-efficient during the pop. To form the channels, the tip of the board is raised in its central part, therefore creating added lift locally to the rocker of the board for better pop and easier landings.



The patented UNIBOX system and RESPONSE fins have a radical effect: the asymmetrical profile improves the general ride and early planing. However, it is the flex of the RESPONSE fins that gives amazing rail-grip as well as pop and forgiveness on heavy freestyle landings.

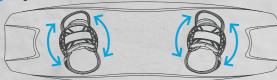






BINDINGS

1 Angle



2 Foot position

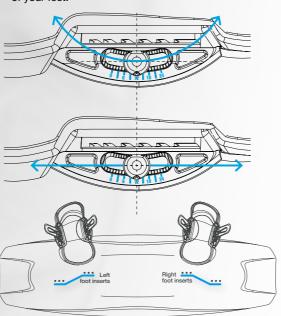


3 Stance

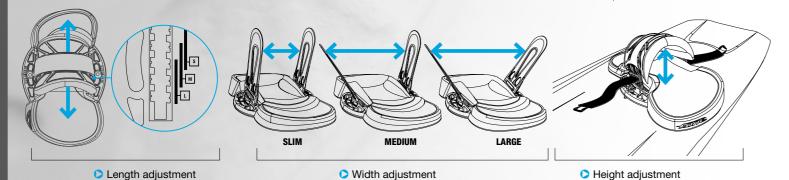


THREE TUNING AXES TO SET THE PLATINIUM3 **BINDINGS ON THE BOARD FOR AN OPTIMUM RIDING POSITION:**

- 1 Angle: from 0° to 24°, you can select the foot angle that fits you the best.
- 2 Foot position: you can slide the PLATINIUM3 BINDINGS forth or back on the board to place your feet at the right distance from the edge of the board.
- 3 Stance: all F-ONE boards offer three settings for the spacing of your feet.



THREE TYPES OF CONTROLS DEPENDING ON THE SIZE OF YOUR FEET FOR AN AMAZING COMFORT:



A REFINED CONSTRUCTION:

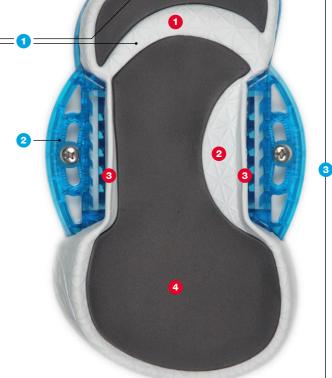
1 Dual-density pad for an optimized comfort: white EVA areas are denser for a better support while the grey EVA areas are softer for more comfort. Combination of a fine anti-slip texture with a layer of thermoformed EVA to offer a perfect grip.



- 2 Assembly based on a light but solid base plate.
- 3 The PLATINIUM3 BINDINGS form a block which can be positioned and fastened easily on the boards (requiring only two screws). They can also be transported easily without losing your finely tuned setup.

AN ERGONOMIC PAD SHAPE:

- 1 Dedicated grab ridge in toe area.
- 2 Specific support area under the foot arch.
- 3 Lateral comfort flanges to protect your feet from the plastic straplocks.
- 4 Wide heel area to let you angle your foot as you feel like depending on your riding.
- 5 Optimized slope: the whole pad is canted towards the inside of the board to keep the feet perpendicular to the legs.







A NEW GENERATION FOOTSTRAP:

- 1 A thermoformed structure combined with a triple density EVA core provide the footstraps with an ideal comfort and support.
- 2 Super resistant comfort neoprene.



Our patented UNIBOX system removes all constraints of the traditional fin profile design.

TECHNOLOGIES

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 RESPONSE fin and its box. As a result, our 3 mm board

thickness and its flex are left untouched. With the UNIBOX system and its asymmetric profile, you gain in gliding efficiency and can start planning earlier. It improves the ride comfort as well thanks to the fins flex.

MOUNTING

The RESPONSE fins are color coded on their base (red and green) to facilitate their assembly and respect the asymmetrical profile. 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. Since 2013, a notch has been added on the box so you can mount a leash board if you need to.

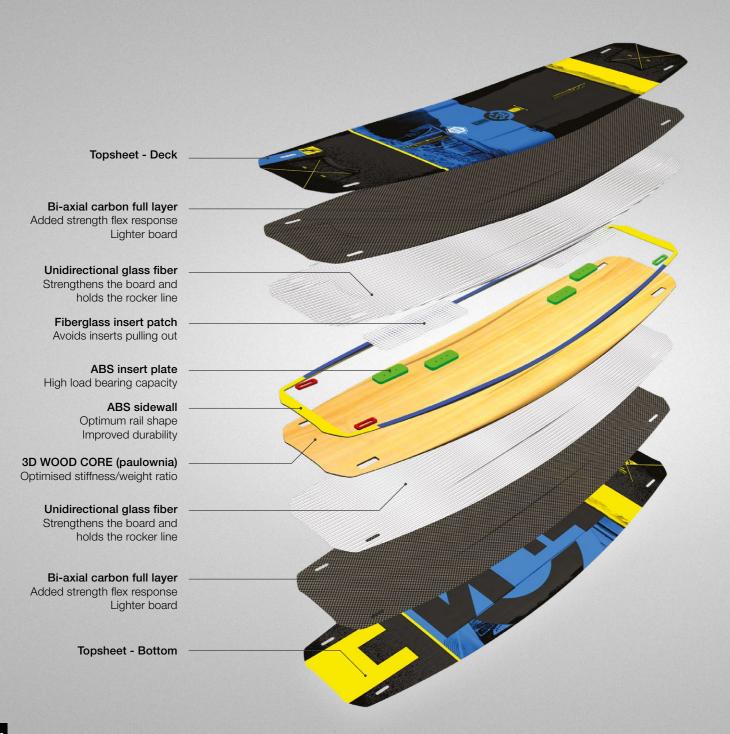




New ergonomic handle with pre-fitted screws and washers for an easy setup and to avoid losing it.









TRAX HRD

CARBON SERIES PRO FREESTYLE

cm	kg*
135 x 39	2.3
136 x 40.5	2.35
137 x 42	2.4
140 x 45 (LW)	2.5



- Optimized design of the deck, volumes and core thicknesses
- > More stress resistant
- Carbon Construction
- > Improved strength / weight ratio
- Unrivalled shape
- > Unmatched smooth riding, incredible drive, earlier planning, better upwind performance
- Equipped with the revolutionary HELICAL RAIL DESIGN
- > Superior edging, impressive stability and precision, huge comfort, forgiving
- Bi-color ABS sidewall

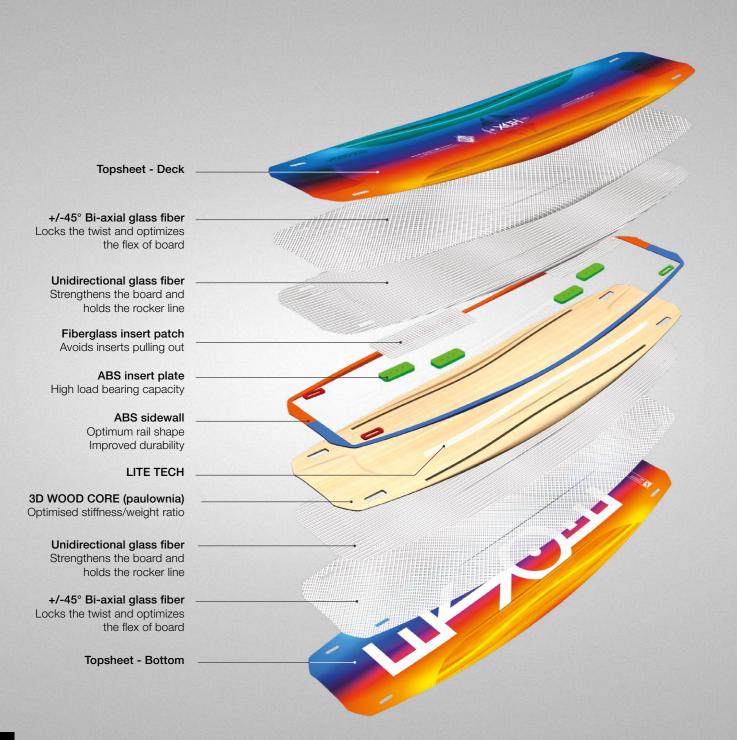


I TRAX HRD LITE

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F-ONE | 201





TRAX HRD LITE TECH FREESTYLE

135 x 39 2.7 136 x 40.5 2.75	cm	kg*
	135 x 39	2.7
	136 x 40.5	2.75
137 x 42 2.8	137 x 42	2.8



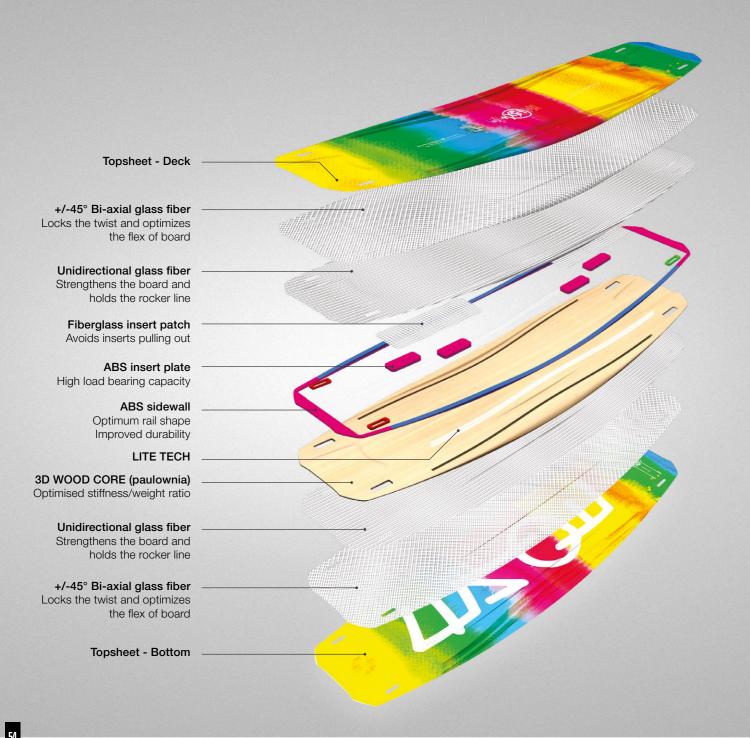
- Optimized design of the deck, volumes and core thicknesses
- > More stress resistant
- Bi-axial glass construction
- > More comfort and precision
- Unrivalled shape
- > Unmatched smooth riding, incredible drive, earlier planning, better upwind performance
- Equipped with the revolutionary HELICAL RAIL DESIGN
- > Superior edging, impressive stability and precision, huge comfort, forgiving
- Bi-color sidewall

*Indicative values, subjected to slight varia

3









TRAX HRD GIRLY LITE TECH FREESTYLE

cm	kg*	
135 x 39 136 x 40.5	2.7 2.75	







> More stress resistant

Bi-axial glass construction

> More comfort and precision

• Unrivalled shape

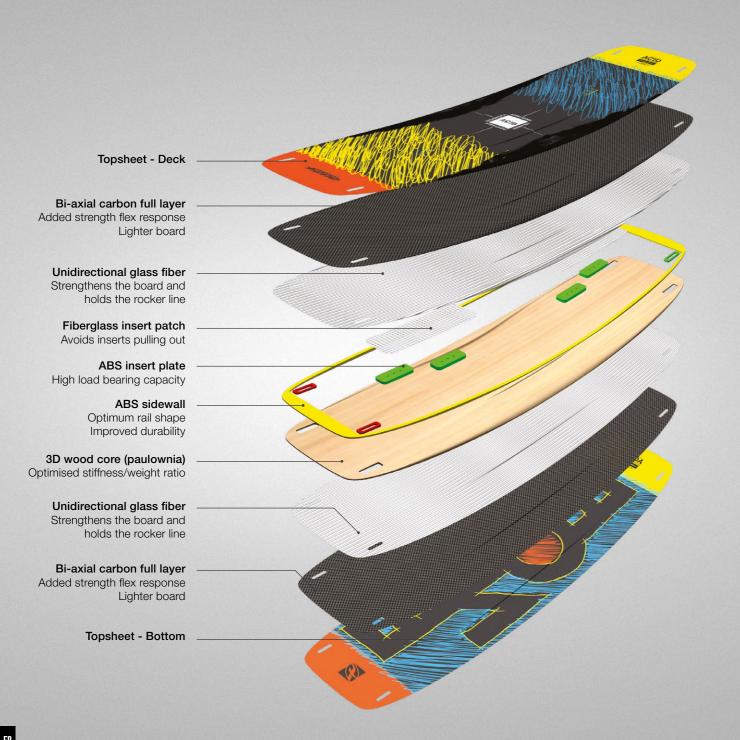
> Unmatched smooth riding, incredible drive, earlier planning, better upwind performance

• Equipped with the revolutionary HELICAL RAIL DESIGN

> Superior edging, impressive stability and precision, huge comfort, forgiving

• Bi-color sidewall







ACID HRD

CARBON SERIES PRO NEW SCHOOL

cm	kg*
132 x 40	2.45
133 x 42	2.6









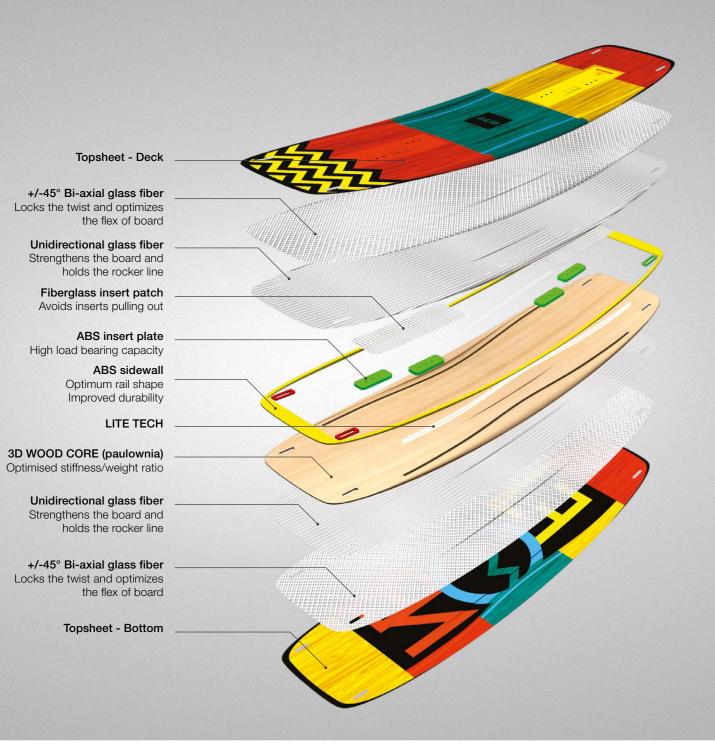


CORE



- Rocker and concave shape dedicated to New School Freestyle
- > Better speed control and better pop
- Improved deck
- > More stress resistant
- Carbon construction
- > Improved strength / weight ratio
- Outstanding shape
- > Increased control, maximum edge grip and pop anytime, anywhere!
- Equipped with the revolutionary HELICAL RAIL DESIGN
- > Superior edging, impressive stability and precision, huge comfort, very forgiving, smoother landings
- Bi-color ABS sidewall

*Indicative values, subjected to slight varia





ACID HRD LITE TECH NEW SCHOOL

cm	kg*	
132 x 40	2.8	
133 x 42	3	

















- Rocker and concave shape dedicated to New School Freestyle
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- Bi-Axial Construction
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Strengthens the board and

Fiberglass insert patch Avoids inserts pulling out

High load bearing capacity

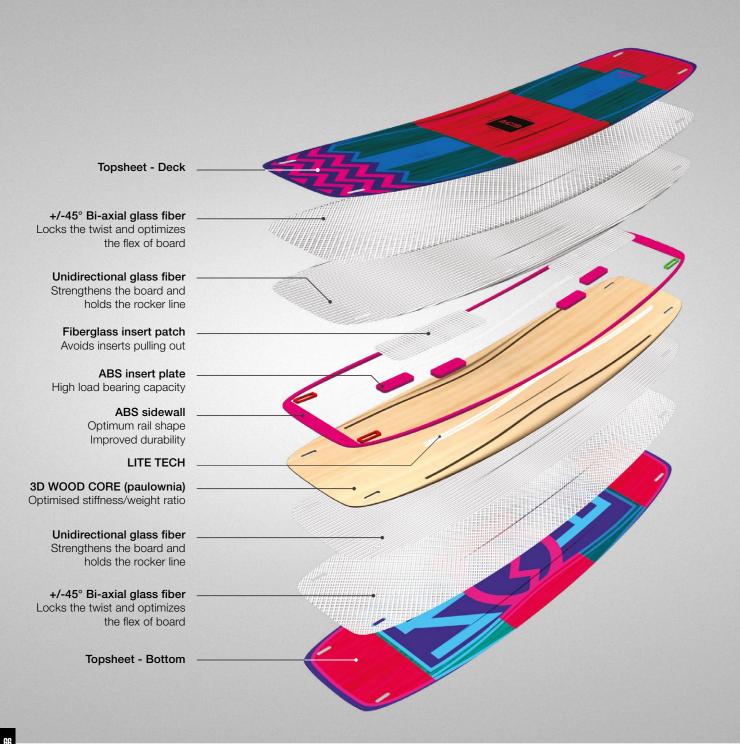
ABS sidewall

Improved durability

holds the rocker line

the flex of board

Locks the twist and optimizes





ACID HRD GIRLY LITE TECH NEW SCHOOL

cm	kg*	
132 x 40	2.7	
133 x 42	2.9	











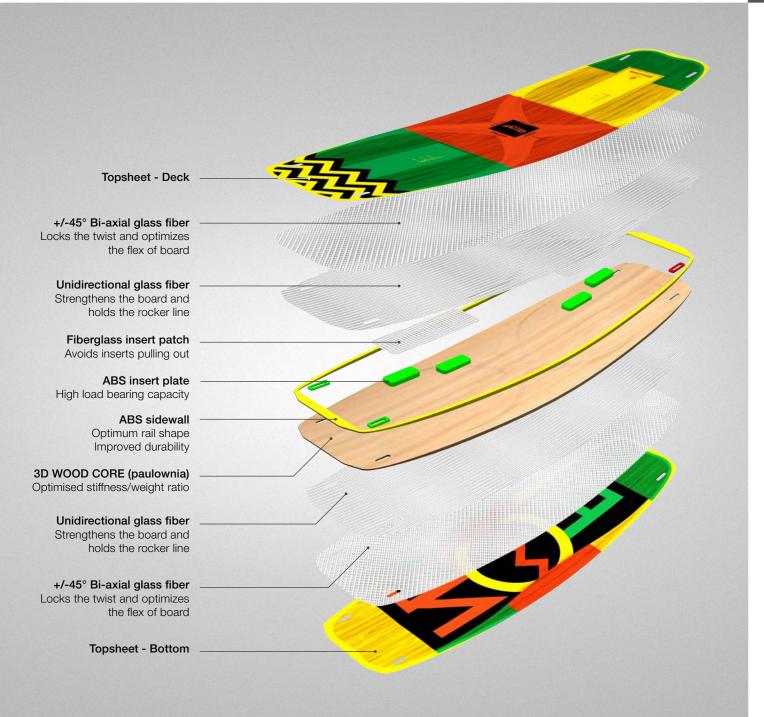






- Rocker and concave shape dedicated to New School Freestyle
- > Better speed control and better pop
- Improved deck
- > More stress resistant
- Bi-Axial Construction
- > More comfort and precision
- Outstanding shape
- > Increased control, maximum edge grip and pop anytime, anywhere!
- Equipped with the revolutionary HELICAL RAIL DESIGN
- > Superior edging, impressive stability and precision, huge comfort, very forgiving, smoother landings
- Bi-color ABS sidewall







ACID NEXT GENERATION YOUTH NEW SCHOOL

kg* 127 x 37 2.2







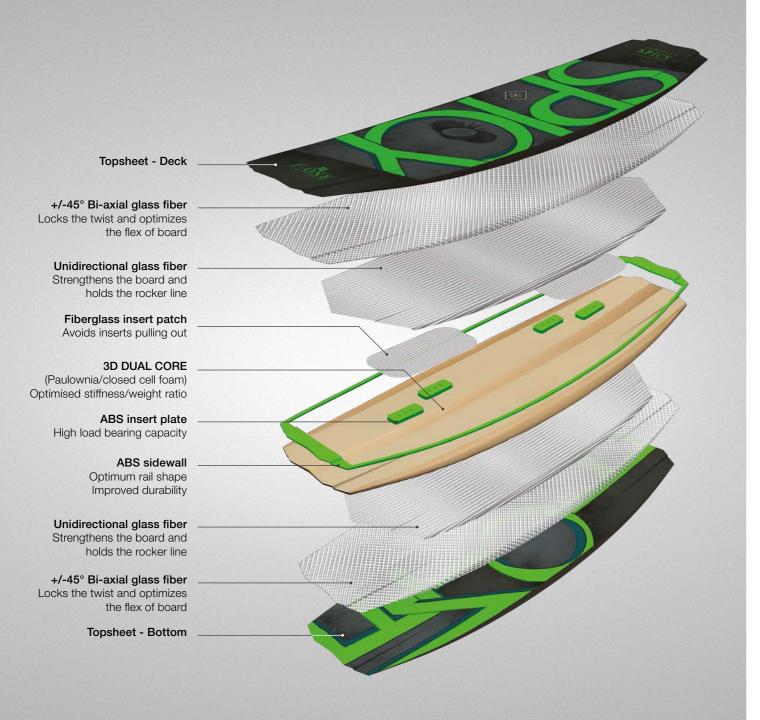








- Dedicated New School youth weapon
- > Impressive control and stability
- > Flex adapted to lightweight riders
- > Amazing pop
- > Incredibly light
- > Responsive under your feet





SPICY WAKESTYLE

cm	kg*
138 x 42	3.3





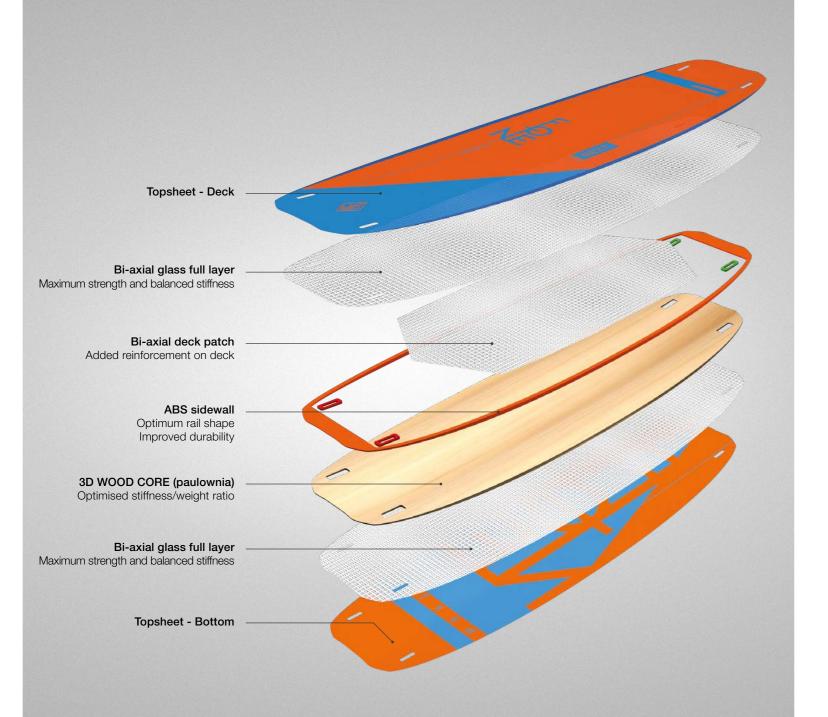




• Uncompromised wakestyle board

- > Unique shape developed for bindings
- > Explosive pop
- > Perfect speed control
- > Ultra-soft landing
- > Ideal twist control
- > Forgiving with superior durability
- > G10 wake fins









 cm
 kg*

 138 x 40
 2.7

 140 x 42
 2.9









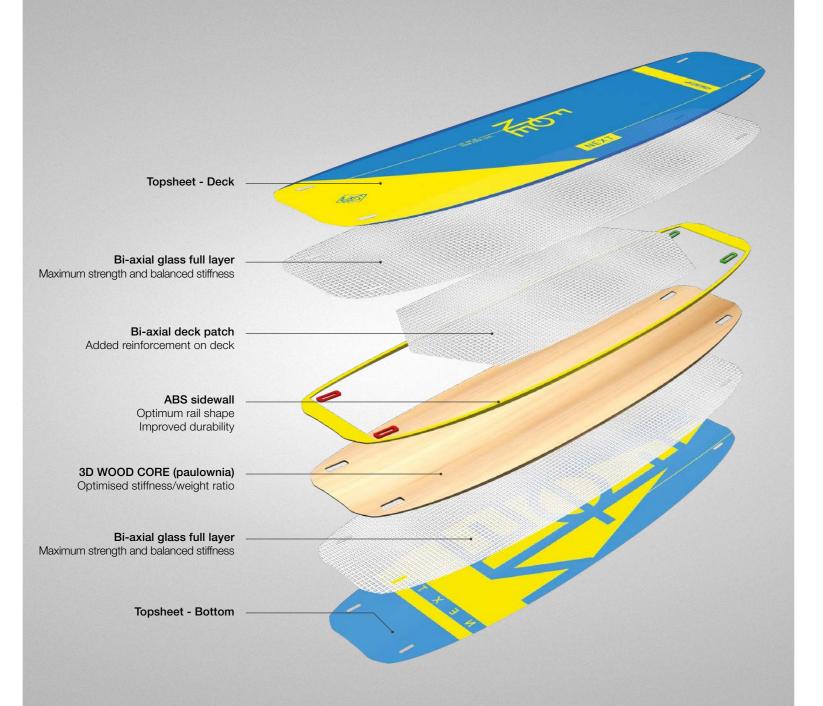
• Freeride perfect weapon

- > Very comfortable & forgiving
- > Early planning
- > Great upwind performance
- > Incredible control and stability

*Indicative values, subjected to slight variati









NEXT LW FREERIDE / LIGHTWIND

cm	kg*	
148 x 45	3.3	
150 x 48	3.7	





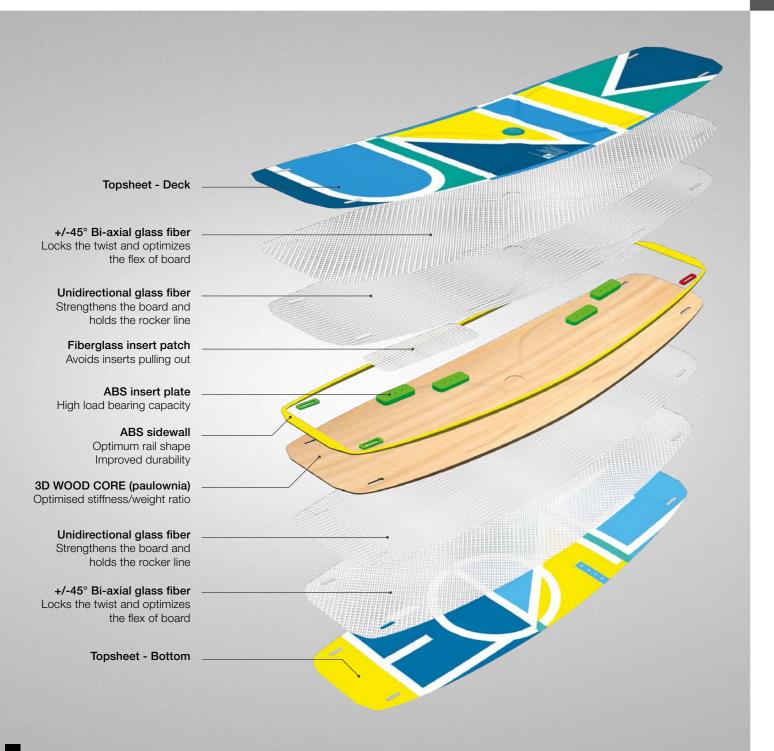




• Unmatched performance in lightwind

- > Very comfortable & forgiving
- > Early planning
- > Great upwind performance
- > Incredible control and stability







UNIK FREESTYLE / FREERIDE

cm kg*
134 x 40.5 2.6















• Unrivaled Freeride abilities

- > Combines performance and accessibility in all conditions
- > Light with high versatility
- > Highly effective and quick early planning
- > Impressive control

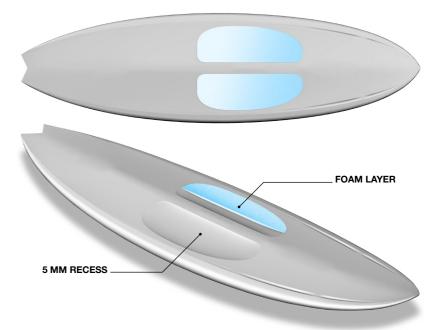
*Indicative values, subjected to slight variation



The introduction of this new construction represents a major change into the F-ONE surfboard range: the two Key products (MITU MONTEIRO & SIGNATURE) are now dispensed with bamboo. To face the ever higher constrains applied by the riders on their surfkites, F-ONE has engineered a new foam composite construction with optimized flex, for maximum reliability, comfort and maneuverability. The mechanical characteristics achieved by this construction provide a lighter weight and a perfect surfboard feel.



The deck has been recessed by 5 mm on a wide area underneath the front foot in order to add an EVA shock absorbing foam layer. This foam layer absorbs effectively all impacts for the rider and makes the board even more durable.





DOUBLE BAMBOO DECK

The board deck is strengthened in its core, with a sandwich construction made of two layers of bamboo. Thanks to this process, the board is more resistant to dents.



FULL BAMBOO

The FULL BAMBOO construction has been developed to strengthen the hull and the deck of the board. An optimal ratio weight/resistance has been achieved!



PΔD

The front pad is perfectly nested into the specific shape of the CAMEL DRIVE DECK. This guarantees a unique comfort whether riding strapped or strapless, the latter being more traumatic. The pad extends quite far on the front deck to fit nicely with the specific stance required for strapless riding.



SURF STRAP

The shape and material for the new surf strap have been carefully selected to bring you maximum comfort and support while riding.



How many surfers have broken boards and wished they could replace it with a new one and get the same sensations they are used too?

Mitu once asked me:

"Raph, can you try this board and make me the same one; it feels really good under my feet!"

I went out and tested this strapless board and was astonished by the control and sensations that the board gave me. After a few runs, I started analyzing what was giving me this sensation of control. I realized that my front foot was nestled in a heel dent and that my arch was fully supported on the rounded deck. I could see that Mitu had spent so many hours on the board, that it had taken the shape of his foot.

I then understood that I needed to make a board with the top deck pre-shaped to get this sensation on a new board.

With its unique design, the CAMEL DRIVE DECK will offer multiple advantages: it will lower and stabilize the heel of the surfer and lock its arch on a rounded center line. It will improve stability, maneuverability and increase the rider's board control in any conditions

on, Mitu MONTEIRO's pro model surfboard keeps ng better with some new refinements on the bottom shape and some stunning new graphics.

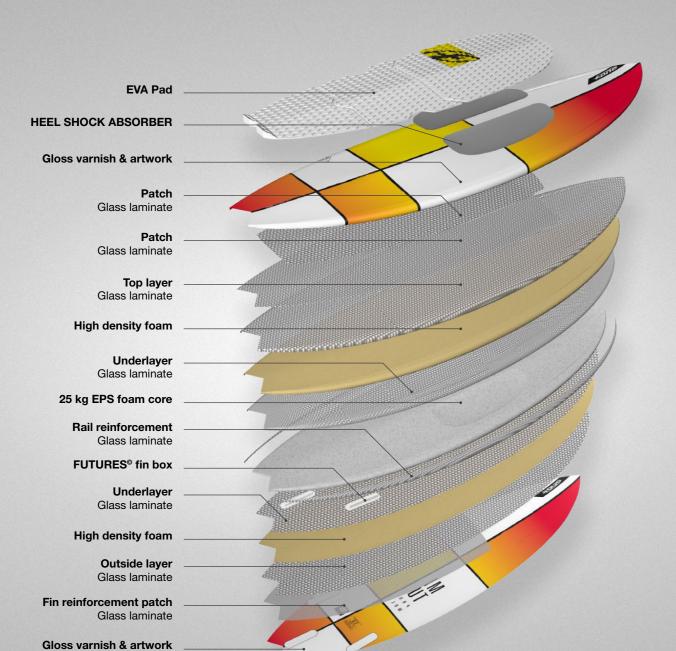
has been specifically designed for strapless we have achieved a shorter board which riding from the bottom to the deck and will maintains great directional stability. boost your riding skills in freestyle, waves and free surfing! The Mitu Monteiro Pro Looking at the bottom, we have used a very the waves' energy. Model receives the proven HD FOAM FLEX deep single concave that extends all the way COMPOSITE construction which improves back to the fins. This guarantees an early the board so much thanks to its flexibility and planning with sharp accelerations on and off comfort. This includes a high density foam the surf while helping out dealing with the chop. sandwich, with optimized flex to improve The two smaller sizes, 5'4 and 5'6 benefit from reliability, provide outstanding comfort and a bit more rocker on the tail to achieve more better maneuverability while keeping the maneuverability and control, especially in the boards lighter. The HEEL SHOCK ABSORBER surf On the two larger sizes, 5'8 and 5'10, the and a lighter weight for the tricks. featured on the deck softens all impacts and concave has been reduced slightly around landings for the rider while increasing the the fins to make the board easier and more

This bestselling and high performance board With the compact outline and rounded nose,

progressive in the turns and while carving.

Width is optimized for each size to make the tricks easier and get a more responsive board. Yet the general outline remains rather wide to get a lot of lift and make the most of

A lot of work went into the deck with the CAMEL DECK shape that helps nesting your feet into the board to achieve great control. The grab rail at the front helps out during the tricks. The Mitu MONTEIRO boards are all equipped with a tri-fin setup for a faster ride



- MORE ROCKER, increased maneuverability and more control in the surf construction
- Amazing feeling and versatility!!!
- HD FOAM FLEX COMPOSITE
- HEEL SHOCK ABSORBER
- CAMEL DRIVE DECK

- New size 5'4" (162 x 46 cm)
- Nose channel
- Front pad kick
- Compact grab rail
- Amazing feeling !!!











5'4"

162 x 46 cm

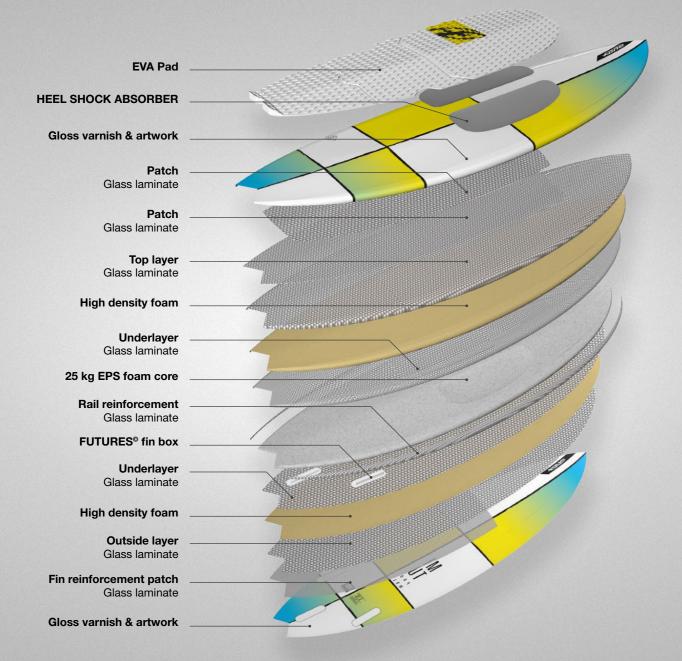
5'6"

167 x 46.5 cm 19 L 3.15 kg*

EQUIPMENT

Full pads FUTURES® fins

FUTURES® box



- REDUCED CONCAVE in fin area, more versatile and easier to carve
- Amazing feeling and versatility!!!
- HD FOAM FLEX COMPOSITE
- HEEL SHOCK ABSORBER

- CAMEL DRIVE DECK
- Nose channel
- Front pad kick
- Compact grab rail











5'8"

172 x 47 cm 20 L 3.3 kg*

20 ative values, subjected 3. pht variations. 5'10"

177 x 48.5 cm 21 L 3.45 ka*

EQUIPMENT

Full pads
FUTURES® fins
FUTURES® box

SIGNATURE

The SIGNATURE boards are designed for pure surfing with a shape that comes out of a long evolution of our kite surfboards.

towards the tail to keep the rear foot as low ease, gaining also in maneuverability thanks as possible for better control. The HEEL to its round pin tail. SHOCK ABSORBER featured on deck makes sure all impacts feel softer for the rider to achieve a smoother ride and increases the board durability. The rail is thick and rounded towards the nose to make the board more forgiving with more stability and support from the front sections.

The new bottom shape features a single concave on the front half of the board, evolving further aft into a straight V shape at the fins. The concave provides a smoother ride and a better balance while the V tail

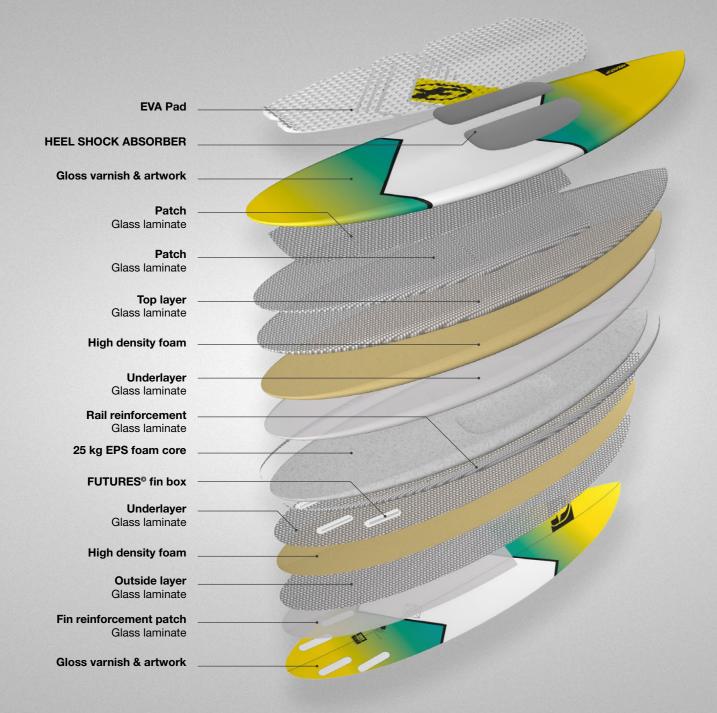
volume has been maximized in the middle. Switching from one rail to the other is quick. short turns as well as long and fast curves sections of the boards before fading out and simple as the board enters the turns with effortlessly. Surfing becomes such a pleasure

> 2016 sees the introduction of a new 5'8" to complement the 5'10" which share the same shape and feel on the water. Benefitting from complements the Mitu MONTEIRO range more volume and length, the 5'10" will fit for those looking for a narrower board or for the larger riders or the larger waves. Being the typical stormy European conditions with slightly shorter, the 5'8" will let you carve the a steep chop. The pad extends a long way most radical turns and rollers with a more compact board under your feet.

Compact, stable and responsive the SIGNATURE boards are made for surfing in any kind of waves or conditions, benefiting from their well balanced and really intuitive

With the CAMEL DRIVE DECK shape, the ensures the board remains super responsive. shape. These boards are able to carve when you can focus on the waves and not on how to get your board moving. Just look ahead, these boards will follow!

> For strapless riding the SIGNATURE forward specifically for riding strapless with a wider stance. The SIGNATURE boards are equipped with a quattro fin setup for maximum pivoting ability and a perfect grip even when carving aggressively.



- A 100% surfing shape
- HD FOAM FLEX COMPOSITE
- HEEL SHOCK ABSORBER
- CAMEL DECK
- New progressive rocker evolving from a simple Better rail to rail transition concave in the front half to a V at the fins
- New round tail outline

- Lighter weight
- More versatility for all types of waves
- Smoother
- Better balanced
- Carving machine

SIGNATURE











5'8"

172 x 46 cm

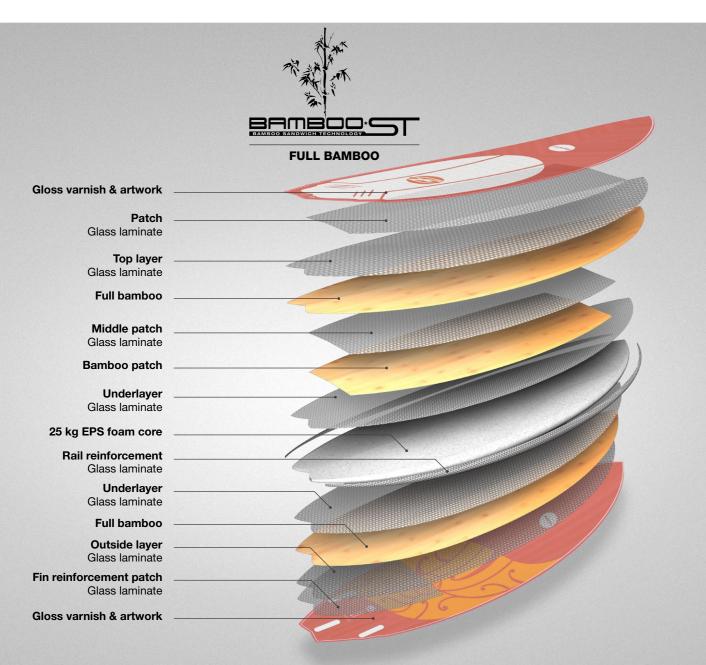
5'10"

22 L

EQUIPMENT

Full pads FUTURES® fins

FUTURES® box



CONSTRUCTION

An extra layer of fiber reinforcement has been added along the rails to strengthen the board throughout; while the layer ensuring the bond between the bamboo and foam core has also been upgraded.

- Lightwind weapon
- Straight rocker
- Rounded and compact outline
- Early planning
- High maneuverability

FISH











5'6"

167.5 x 49.vv5 cm 21.5 L 3.5 kg* **5'10"**177.5 x 54 cn
30 L

EQUIPMENT

Full pads
FUTURES® fins
FUTURES® box





FOILBOARDS





















47 CARBON SERIES

5'1" x 18.5" 156 x 47 cm 23 L 2.65 kg*

49 CARBON SERIES

5'1" x 19.3" 156 x 49 cm 26 L 2.95 kg*

5'1" x 18.5" 156 x 47 cm 23 L 3.15 kg*

156 x 49 cm 26 L 3.50 kg*

51

EQUIPMENT

K.F BOX F-ONE surf straps (optional)

- HD FOAM FLEX COMPOSITE
- HEEL SHOCK ABSORBER
- CAMEL DRIVE DECK
- Nose channel
- Front pad kick

- Compact grab rail
- Increased versatility
- Amazing feeling!!











5'6"

167 x 46.5 cm 19 L 3.55 kg*

5'8" 172 x 47 cm

5'10"

177 x 48.5 cm 21 L 3.85 kg*

Full pads
FUTURES® fins
FUTURES® box

K.F BOX (+ box shutter)
F-ONE surf straps (optional)

K-FBOX



THE TEAM



Alexandre CAIZERGUES

Alex has trusted the top places on the podium of the Leucate Mondial-du-Vent long distance race for almost ten years! He has won the 2014 Defi Kite in Gruissan on the production board. He has also won countless long distance races across those years, including the Cape Town and Perth events.



Charlotte CONSORTI

Charlotte, incredible speed champion, has also trusted the top places on the podium of the Leucate Mondial-du-Vent long distance race.



Raphael SALLES

Raphael has crossed the Gulf of Lion twice (100 miles per crossing) and established a record run in 2007 between France's mainland and Corsica in 5h17 min for 105 miles.



Serge OCCHIPINTI

Another a true adept of the long distance. Serge OCCHIPINTI used this board between the Martinique and Saint Martin Islands. This gun has also been used for open ocean crossing between the Mauritius and La Reunion Islands.





On the water: 200 x 43,5 cm, there is now doubt this gun is shaped to achieve high speeds and hold its line in tough conditions!

The board planes on its central section A lower volume at the back also helps with located between the feet featuring a locally high speed control. The board is fitted with straight rocker for speed and accelerations a set of tri-fins shaped for purpose. Their with a massive concave to eat the chop. The moderate depth is ideal for high speeds and tail is slightly lifted to ease the ride in the their placement is refined to the mm. most difficult sea states while the pronounced forward scoop helps with control and avoids Equally able to maintain average speeds of 20 digging the nose.

A lot of work went into packing more comfort who cannot help but head for the open seas! into this board as relieving the back leg pressure is absolutely necessary to maintain high speeds on distances exceeding 100 km on the same tack. The board is therefore thick under the front foot but super thin under the rear foot. This helps you keep your back leg straighter which reduces the stresses.

kts on 100 miles or to reach top speeds of 30 kts this gun is the perfect weapon for all those



LONG DISTANCE **GUN**

6'7"

200 x 43,5 cm 26 L 3.95 kg*





- BAMBOO SANDWICH TECHNOLOGY
- DOUBLE BAMBOO DECK
- FULL BAMBOO
- CARBON RAILS
- CONCAVE DECK
- New front pad kick
- Light weight
- Increased versatility
- Amazing feeling !!

Full pads

LONG DISTANCE thruster set fins

KITEFOIL 2016

Accessible and really progressive, the F-ONE KITEFOIL is the new weapon of choice to not only ride, but truly fly over the water.

whole new world. The F-ONE kitefoil has the magic of foiling. With innovation deeply foil riders and every element of the foil has worked tirelessly to design, engineer, test of use. been designed to deliver the best imaginable and optimize this new piece of equipment. experience out on the water whether you
The shapes and profiles have been carefully

Foiling is more than a new discipline; it's a are about to start or if you already master

selected and optimized by F-ONE's in-house naval architect and the foil assembly concept was completely thought back towards ease

THE TEAM



Marc BLANC

He's an emblematic figure in kitefoiling, he teaches it at his kite school, he is widely considered an expert in the discipline and possesses an incredible amount of ease in riding and general knowledge of foiling. His feedback in testing was crucial. He was able to feel the slightest modification and provide great input to improve and bring new ideas to the design.



Alexandre CAIZERGUES

Speed specialist, multiple time speed record holder, he has been foiling for many years. He also contributed a lot to the design of the Foil which, as he was able to test it at high speeds and explain the sensations he was getting while riding.



Maxime NOCHER

Race world champion and 3rd of the Foiling World Championship, he is a very sharp racer and is highly involved into the development of his gear. He has just joined the team and brings a very detailed analysis of the Foil to push the development further, especially regarding the Racing and Long Distance disciplines.



Romain CASTEL

Multiple Race and Long Distance youth champion, he is part of the rising generation who puts a lot of involvement to test, develop, provide feedback and push the boundaries.



Raphael SALLES & Micka FERNANDEZ

They both recently started foiling, which provided plenty of feedback from a beginner's view and allowed us to focus on the key components of the foil design.



Charles BERTRAND

Part of the F-ONE R&D team, he is qualified in naval architecture and fluid dynamics. His knowledge in force mechanics, structural analysis and fluid behavior has been key to develop some products that not only fit the design brief but also innovate and achieve real improvements to bring the sport forward.



FROM R&D TO PRODUCTION

After checking with our usual factories and others in Asia, we realized that we needed a factory that was very specialized and close to us. This brought our production back to France.

Our foils will be made in France using "Pre-preg" technology while certain parts will be made out of "Forged Carbon", a technology emanating from the aeronautical and military industries.





FORGED CAREON

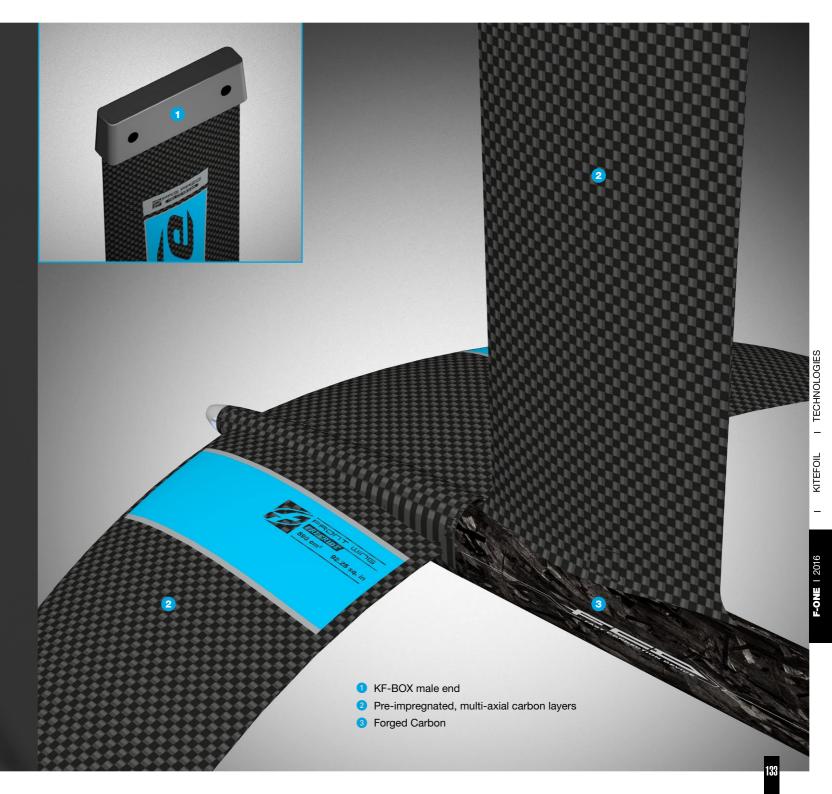
This technology takes advantage of the same principles as standard Pre-preg but uses a different type of fiber which is better suited to mold small parts with complex shapes. It allows us to build accurately smaller sized parts that are very reliable. The advantages of these two technologies are their high end mechanical properties, but also their fast production cycle which allows us to work with a faster and more rational construction process. (1h to cure a Pre-preg mast and about 10 minutes for a Forged Carbon part). This is crucial for delivering a high quality product made in France.

The advantages of these two technologies are their high end mechanical properties, but also their fast production cycle which allows us to work with a faster and more rational construction process. This is crucial for delivering a high quality product made in France.



F-ONE kitefoils are equipped with the fully conical KF-BOX. Its shape makes it easy to connect and fits well with the thickness of the kite boards due to its moderate height. The KF-BOX offers a perfect, tight support and is compatible with all F-ONE and most other foils of the market.







We have developed and patented a brand new concept for the assembly of the mast, fuselage and wings because this is a critical aspect of the kitefoil. It drives the reliability and ease of use for assembling and taking the foil apart for transportation, as much as the repeatability of the trim between the front and rear wings. The main benefit of the system is the one and only screw that maintains all the parts together:

Front wing

Mast

Fuselage and stabilizer.

This screw is placed longitudinally and is therefore only stressed in tension instead of shear or bending. The whole foil can be tightened up with everything working in a sound mechanical way. To gain some precision, robustness and packed-up volume, the screw is combined with a squared, conical assembling system, which has been proven as the best mechanical setup to lock any motion or degree of freedom between the parts, while also contributing greatly to torsional resistance.

- 1 Longitudinal screw
- 2 Front Wing
- 3 Mast
- 4 Stabilizer
- 5 Squared & conical assembling system





all fit within convenient space for trave-Yet, the most user-friendly aspect of the FCD system is that it guarantees the perfect alignment of your wings and profiles over time, session after session. No tuning is ever required, just plug the parts toge-

Using the patented "Fast Connection ther and go riding with complete peace Device", the F-ONE kitefoils can be of mind. Building from the best available assembled in minimum time using one materials and technologies is not only key single screw. Saving time, this system also to the top performances but is also proving saves you space as the complete foil can critical to provide a package fit for learning be split into three separate parts which efficiently. Made of compression molded Pre-preg and Forged Carbon, the F-ONE ling. Less parts, less volume, less hassle! kitefoil makes the most of the best technologies to offer a truly innovative and top of the range product.

F-ONE 88 CM MAST

With a depth of 88 cm, the mast offers great performances and comfort without being intimidating or proving too long when starting off in onshore winds or shallower waters. Using a specific profile promoting laminar flow to reduce friction, the mast keeps a thickness of 12 mm all along its bottom half to ensure minimum drag. The profile thickness then increases rapidly towards the top of the mast for more stiffness. Torsion and bending motions are locked by its elaborate one shot construction to make the mast super stiff. The mast is fitted with the proven KF-BOX equipped with two fixing screws for more reliability.

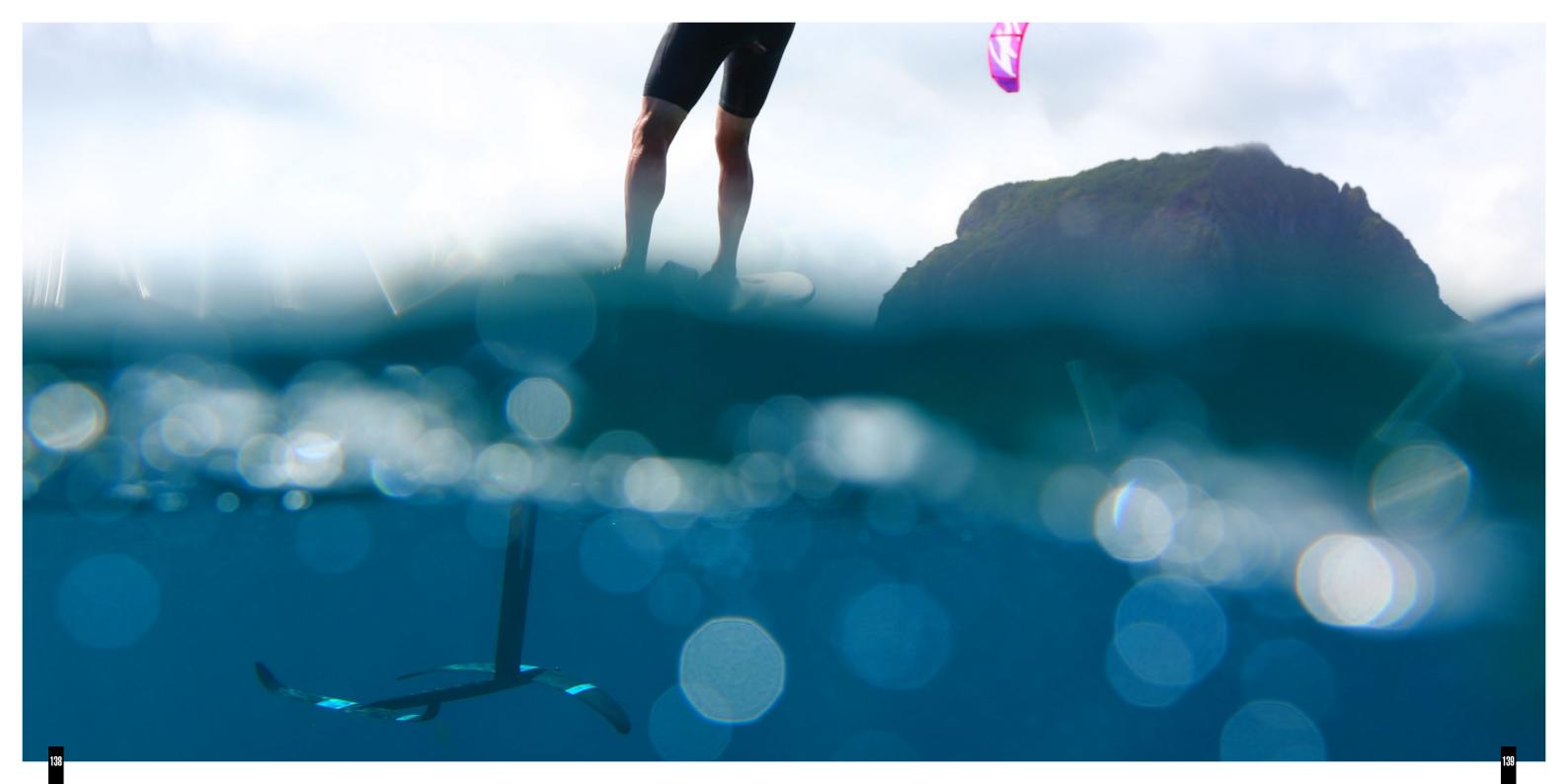
Using the patented "Fast Connection Device", the F-ONE kitefoils can be assembled in minimum time using one single screw.

F-ONE FREERIDE WING 595 CM²

We wanted to design a wing that was truly versatile and progressive. When we realized that even the most experienced within our team loved to ride with the wing we had developed for novice riders, we knew we had succeeded. With a span of 58 cm and a surface area of 595 cm² this blade has enough grunt to lift you out of the water effortlessly even in marginal conditions but will remain easy and fluid to handle even at pace thanks to its refined profile. Built using Pre-preg carbon over a Forged Carbon central core, the stiffness of the blades has been finely tuned to make it as stable and predictable as possible. With great directional control and plenty of surface area to rely on, the F-ONE freeride wing can be pressed hard to reach higher speeds if this is what you're after and will be the key to successfully mastering air jibes and other flying maneuvers.

F-ONE FREERIDE STABILIZER 305 CM²

The one-part stabilizer and fuselage unit fits directly into the FCD bottom of the mast, plug and play, no fiddling around, it's as simple as that. Built entirely out of forged carbon, the freeride stabilizer is rock solid and thanks to the FCD system, we were able to extend the fuselage way back for maximum stability without compromising its transportability. Equipped with generous winglets, the stabilizer blade offers fantastic control with enough surface area to provide full confidence when learning. Its profile and angle of attack were tuned to achieve a more intuitive balance which will help you get your foiling maneuvers in more easily.







F-ONE SAS

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www.f-onekites.com