

2024

Kite collection

CATALOGUE

F-one



Summary

01	Kites	006 018 034	Kites technologies Kites Accessories
02	Twin Tips	042 056 072	Twin-tips technologies Twin-tips Accessories
03	Surfboards	076 086 106	Surfs technologies Surfs Accessories
04	Hydrofoils Boards	110 114 124	Boards technologies Hydrofoil boards Accessories
05	Kitefoil Hydrofoils	128 136 144 146 148 150	Hydrofoils technologies Kitefoil hydrofoil Stabs Fuselages Monobloc Tails Masts & Spare parts

Kites

Kite technologies
Kites
Accessories



SAIL ENGINEERING

We have been designing kites since 1998 and wings since 2019. Over the years, we have learned that **design and fabrics choice** are only one step to building a disturbance-free kite or wing. The key is to **analyze and understand load tensions** to better control our design and its behavior while flying. That is done through **Sail Engineering**.



To meet the specific needs of the development of kites and to offer a high-performance and durable product without using inaccessible materials, F-ONE has developed **HITEX**, a **new high tenacity polyester** used in some of our kites' airframes. Available in 158g, and exclusively for F-ONE in 178g, this new material is incredibly resistant to elongation and increases the kite's durability.



This micro ripstop polyester 55g is used on the canopies of some of our kites. They are often left in the wind to flap (on the beach, in freefly). They are also very often wet, salty and sandy; all factors that weaken them. The canopy of a kite must therefore be very durable to keep its rigidity over time and to ensure the same performance level between the day of purchase and the end of its life.



TECHNOFORCE™ of **TEIJIN** is a high density Polyester fabric with a tear stopping structure using thin and high tension yarn.



DELTA C-SHAPE is a patented design used by **F-ONE**. This shape is the result of a design research towards maximum optimization of the aerodynamic performances of the kite and of its depower. It gives the possibility to fit more canopy area in the middle sections to create more projected area while the **C Shape** makes sure the kite remains responsive and fluid.



Once the kite is sitting with the leading edge flat on the water, its **C-Shape** associated with the **Delta Pivot** allows the kite to automatically roll over onto one wing tip.



Kites with extended de-power ranges sustain more pressure across the canopy as they experience an increased frequency of use over a wider wind range.



Our fast inflation & deflation valve.



The **R&D** team worked intensively on making the entire profile amazingly sleek and implemented original **staggered seams on the trailing edge**. The seam's tension line is thus broken, which means the entire profile of the canopy is leveled when the kite is fully powered. We kept the fabric's orientation towards tension as well. This all leads to more efficiency and sharper performances. Overall, this perfectly even canopy profile brings an even greater sense of stability without feeling disturbances or the bar moving.

Sail Engineering



We have been designing kites since 1998 and wings since 2019. Over the years, we have learned that design and fabrics choice are only one step to building a disturbance-free kite or wing. The key is to analyze and understand load tensions to better control our design and its behavior while flying. That is done through Sail Engineering. All our newly released kites benefited from

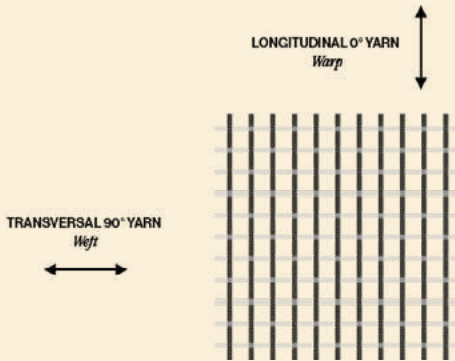
this comprehensive research, and we have now applied to our entire wings range. Our R&D team focused on a few main points: the warp tension line, designing the new radial cut, new and original Staggered seams, and fabric weight management in each area of the wing. These also guarantee a profile as smooth as ever for even more efficiency, stability, and sharper performances.

SAIL ENGINEERING

Featured in

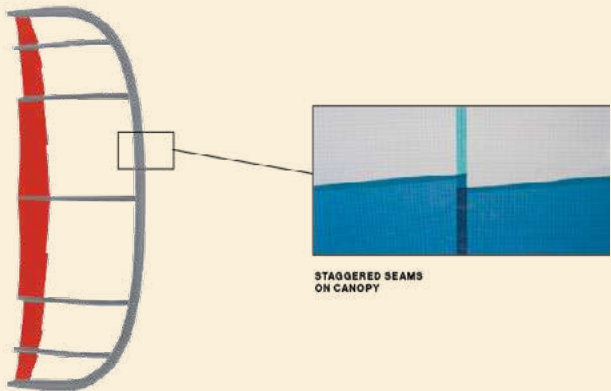
- Bandit
- Bandit-S
- Breeze

WARP TENSION LINE



Woven fabrics feature a longitudinal 0° yarn (Warp), and a transversal 90° yarn (Weft). Therefore, a fabric has great strength capacities if you apply tension at 0° or 90° along the yarns. But it will deform and stretch when tension is applied at, let's say, 45°.

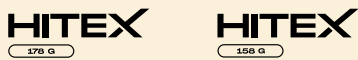
STAGGERED SEAMS



Most of the kite's back lines tension is distributed through the trailing-edge panels and seams. As seams are significantly stiffer than the fabric they join, they tend to strain under loads and therefore deform the profile. The staggered seams break that line of tension by balancing the stiffness between seams and cloth, which helps distributing the load over a wider area and maintaining the original shape even under high loads.

FABRIC WEIGHT MANAGEMENT

Airframes

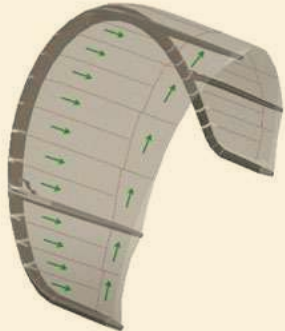


Canopies



Our sails feature four different cloth weights, from 52 up to 155gr/m². Sail engineering allows us to control our shape and drive load tensions without using heavy fabrics or bulky designs, therefore we can reduce fabric's weight and use. It results in a lighter, optimized kite.

LOAD CONTROL PANELING



When engineering the load control paneling, we make sure that fabrics panels are warp/weft oriented, meaning that the load path runs through the yarns. Fabric and seams are then in the best position to receive tensions and maintain the original kite shape.

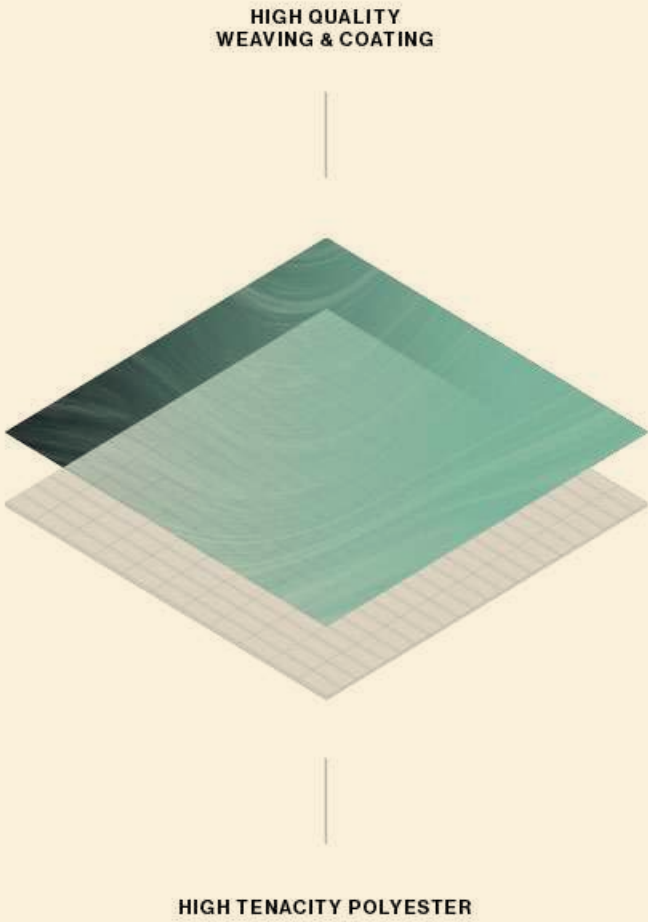
Hitex

To meet the specific needs of the development of kites and to offer a high-performance and durable product without using inaccessible materials, F-ONE has developed HITEX, a new high tenacity polyester used in some of our kites' airframes. Available in 130g, and exclusively for F-ONE in 150g, this new material is incredibly resistant to elongation and increases the kite's durability.

HITEX is an innovative, high tenacity polyester fiber with an enhanced high-quality weaving and coating that increases the fabrics' resistance.

Used throughout the inflatable structure of the kites and designed to handle the high pressures when inflating the kites, HITEX offers performance and resistance.

Thanks to extensive Sail Engineering work, the R&D team has placed each weight of HITEX in different areas of the wing allowing absolute control of its shape session after session.



Featured in

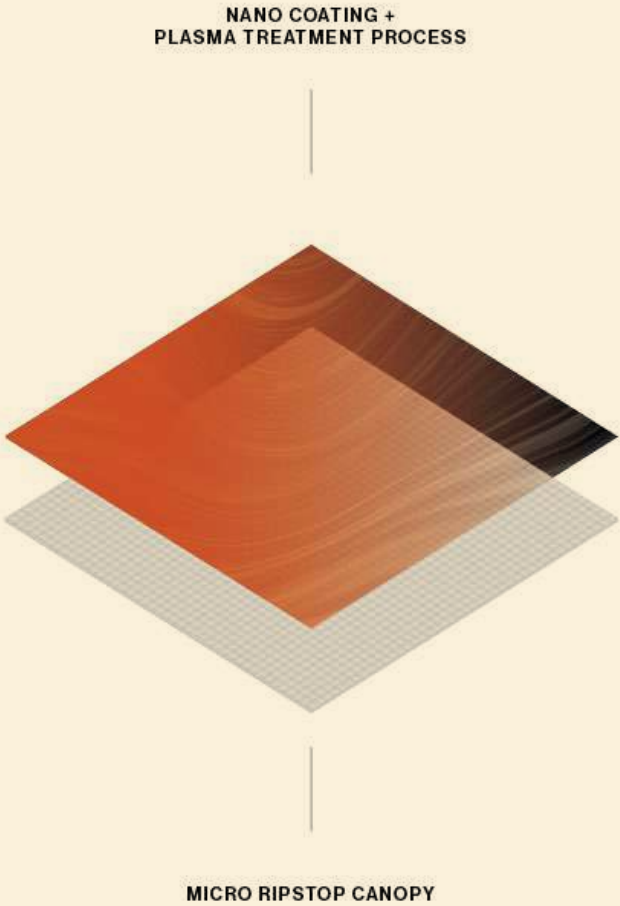
- Bandit
- Breeze

Nano Canopy

This micro ripstop polyester 55g is used on the canopies of some of your kites.

They are often left in the wind to flap. They are also very often wet, salty and sandy; all factors that weaken them. The canopy of a kite must therefore be very durable to keep its rigidity over time and to ensure the same performance level between the day of purchase and the end of its life.

It benefits from a NANO coating and a Plasma treatment process that brings an increased rigidity, resistance to elongation and tears, and durability.



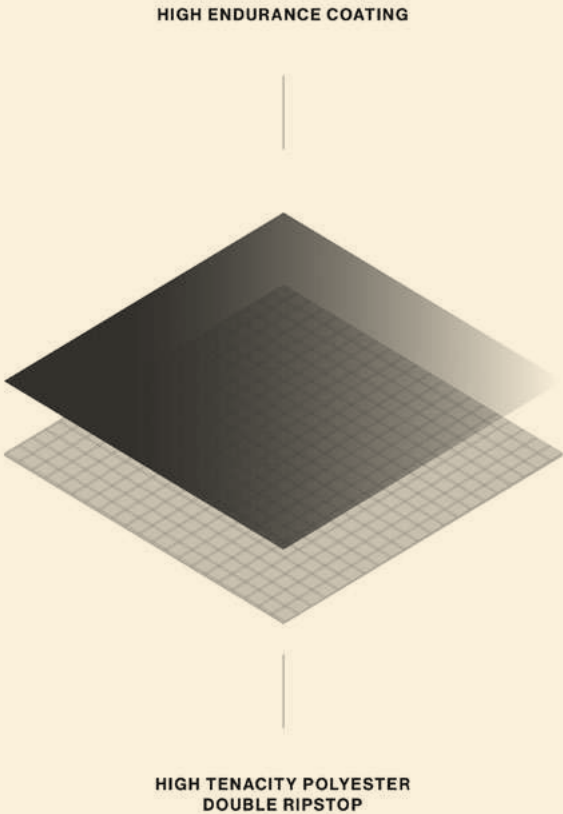
Featured in

- Breeze

Technoforce

TEIJIN's **TECHNOFORCE™** is the most reliable high density polyester fabric. Its tear-stopping structure using thin and high tension yarn makes the fabric ultra-durable. It has a great proven track record of lightness and durability.

On top of offering our usual TECHNOFORCE 52g, we have developed this year a thicker TECHNOFORCE in 66g to place on the trailing edge of some of our kites and wings where tensions are important and resistance essential.



Featured in

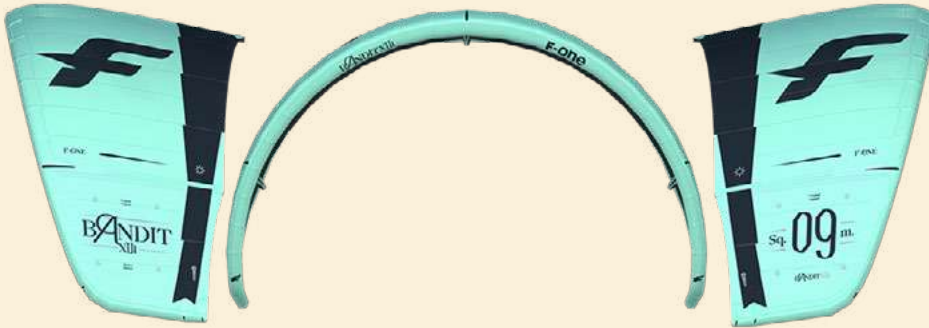
- Bandit
- Bandit-S
- Breeze
- Wtf

Delta C-Shape

DELTA C-SHAPE technology design offers unmatched stability and steering response when fully de-powered, with the possibility of connecting the front lines higher on the leading edge of the kite.

DELTA C-SHAPE is a patented design used by **F-ONE** on all kites.

This shape is the result of a design research towards maximum optimization of the aerodynamic performances of the kite and of its depower. It gives the possibility to fit more canopy area in the middle sections to create more projected area while the **C Shape** makes sure the kite remains responsive and fluid.

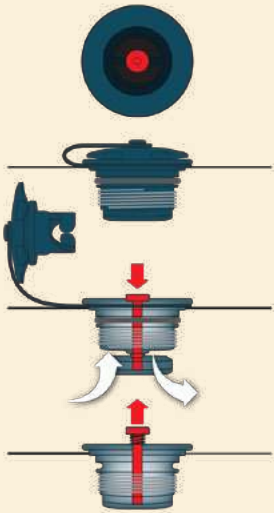


Featured in

- Bandit
- Bandit-S
- Breeze

Reactor valve

Our fast inflation & deflation valve.



Featured in

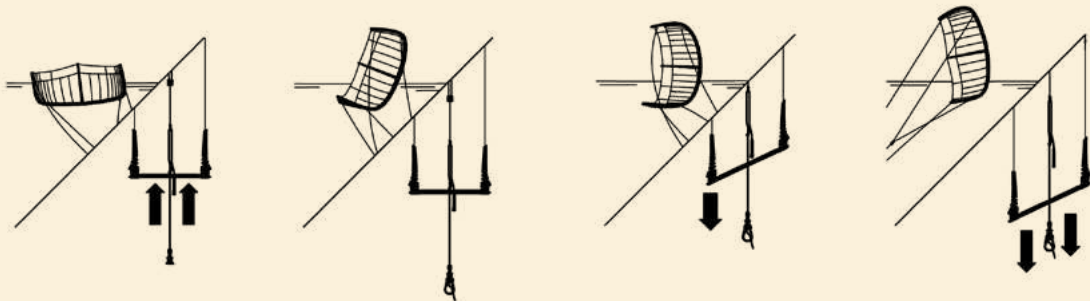
- Bandit
 - Bandit-S
- Breeze
 - Wtf



Auto relaunch

Once the kite is sitting with the leading edge flat on the water, its **C-Shape** associated with the **Delta Pivot** allows the kite to automatically roll over onto one wing tip.

The kite will then glide towards the edge of the window, ready for quick and easy water re-launch.



Featured in

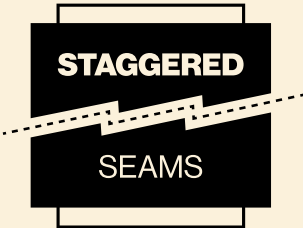
- Bandit
 - Bandit-S
- Breeze



Staggered seams

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We kept the fabric's orientation towards tension as well. This all leads to more efficiency and sharper performances. Overall, this perfectly even canopy profile brings an even greater sense of stability without feeling disturbances or the bar moving.



Featured in

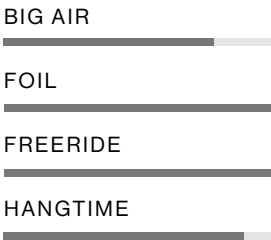
- Bandit
- Bandit-S
- Breeze



BANDIT
All Time Legend



7
8
9
10
11
12
14



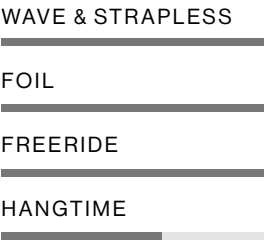
77231-0101

- A - Mint / Onyx
- B - Flame / Mint
- C - Onyx / Flame

BANDIT S
Surf - Strapless



4
5
6
7
8
9
10
11



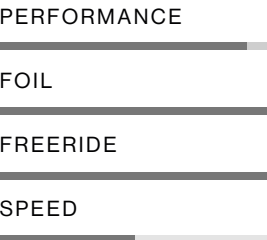
77231-0102

- A - Mint / Onyx
- B - Flame / Mint
- C - Onyx / Flame

BREEZE
Foil - Lightwind



7
9
11
13
15
17



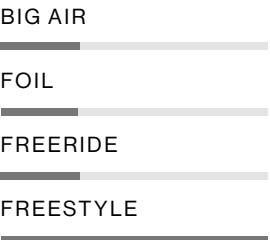
77241-0201

- A - Onyx / Mint
- B - Onyx / Flame

WTF ?!
Freestyle



8
9
11
13



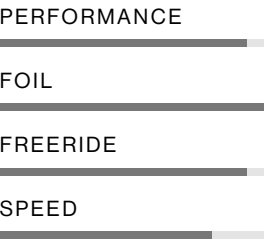
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- C - Flame / Abyss

TARGET
Performance
Foil Freeride



6
7
9
11
13
15



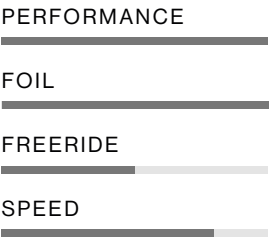
77231-0701

- A - Dark Red / Red

DIABLO
Pro Race



8
9
10
11
13
15
18
21
25



77201-0501

- C - Pacific Blue / Dragon Red

BANDIT

All Time Legend

Key points

- Impressive stability no matter the conditions
- Absolute control at all time
- Amazing responsiveness for epic sensations
- Precision flying with an excellent range and efficiency
- Improved boost, hangtime and kiteloops
- Effortless upwind abilities



Size (sqm)	7	8	9	10	11	12	14
Wind range (knts)	+25	20 > +35	15 > +30	12 > 26	11 > 24	10 > 22	08 > 18

A - Mint / Onyx B - Flame / Mint C - Onyx / Flame

77231-0101



BANDIT S

Surf - Strapless

Key points

- Smooth profile and controlled deformation for incredible flying abilities
- Absolute control at all time
- Intuitive traction
- Amazing turning response when sheeted out
- Instant depower to forget about your kite when surfing
- Lighter and even more precise



WAVES & STRAPLESS

FOIL

FREERIDE

HANGTIME

Size (sqm)	4	5	6	7	8	9	10	11
Wind range (knts)	+30	25+	23+	18+	16 > 25	14 > 22	12 > 22	10 > 20

A - Mint / Onyx

B - Flame / Mint

C - Onyx / Flame

77231-0102



BREEZE

Foil - Lightwind

Key points

- Smooth profile and controlled deformation
- Unbeatable low wind maneuverability
- Ultra-lightweight
- Total stability and control with excellent bar feedback
- Instinctive reverse launch

HITEX
155 g 375 g

NANO
CANDY

DELTA
ESTATE

AUTO
CANDY



PERFORMANCE

FOIL

FREERIDE

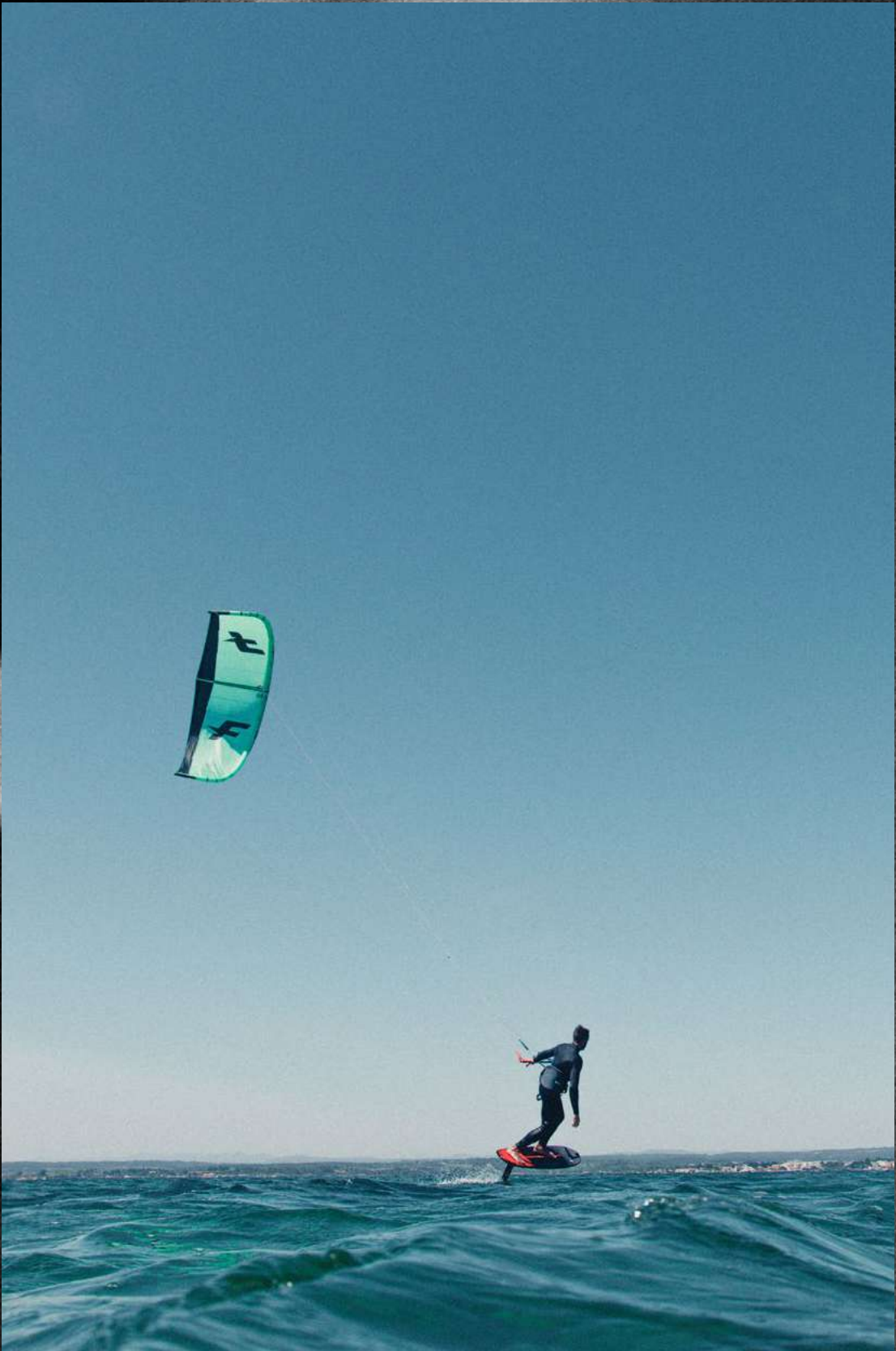
SPEED

Size (sqm)	7	9	11	13	15	17
Wind range (knts)	+22	13 > +22	11 > +21	08 > 18	08 > 16	08 > 14

A - Onyx / Mint

B - Onyx / Flame

77241-0201



WTF ?!

Freestyle

Key points

- Amazing pop, slack and control
- The ultimate kite to excel in freestyle kiteboarding
- Pure C Kite – five struts, high aspect ratio
- Incredible Power and performance
- Fantastic stability



Size (sqm)	8	9	11	13
Wind range (knts)	22 > 30	19 > 27	16 > 24	13 > 21

C - Flame / Abyss

77201-0401



TARGET

Performance Foil Freeride

Key points

- Ultra-precise and direct steering
- Sharp turning
- Immense power on demand
- Outstanding stability and drift
- Powerful lift and boost
- Effortless upwind and downwind abilities



PERFORMANCE

FOIL

FREERIDE

SPEED

Size (sqm)	6	7	9	11	13	15
Wind range (knts)	10 > 30	9 > 27	8 > 25	7 > 22	6 > 20	5 > 18

● A - Dark Red / Red

77231-0701

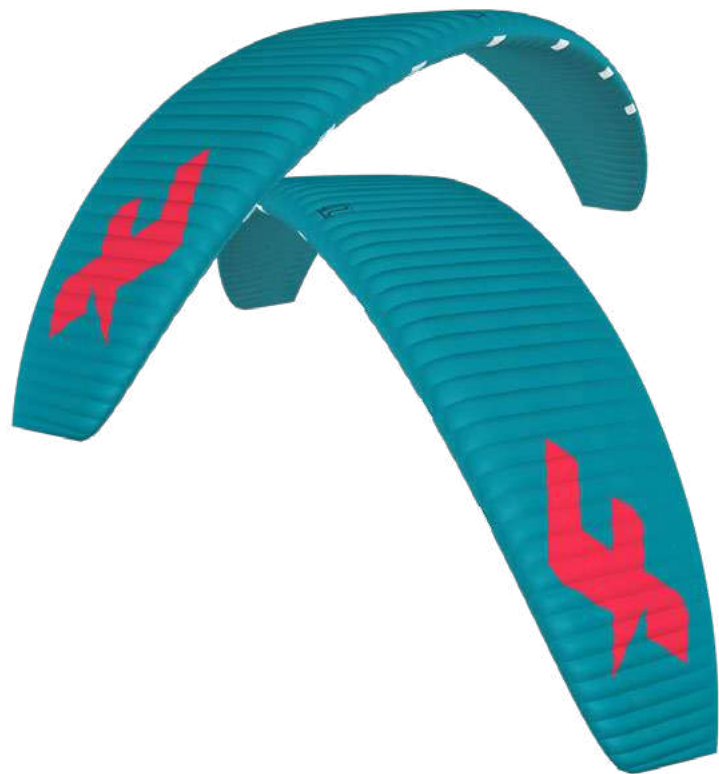


DIABLO

Pro Race

Key points

- Olympics registered kite
- Super Solid and Ultra-Stable
- Sleek clean technical design
- Very fast inflation



	BIG AIR		FOIL		FREERIDE		HANGTIME		
Size (sqm)	8	9	10	11	13	15	18	21	25
Wind range (knts)	18 > 30	15 > 25	13 > 20	11 > 18	09 > 16	08 > 14	06 > 12	06 > 10	04 > 08

C - Pacific Blue / Dragon Red

77201-0501



LINXBAR 4L 2022
FLAME / ABYSS



77222-0101

BANDIT
BREEZE V.1
BREEZE V.2
BREEZE V.3
ONE

HIGH V
HIGH V
LOW V
LOW V
LOW V

52 45
45 38

LINXBAR 5L 2022
FLAME / ABYSS



77222-0201

WTF?! V.2

42 35
FREE
STYLE

1 Lifeline's swivel

The new minimalist below the bar lifeline swivel is now made of a plastic stud and a stainless steel ring on which you hang the leash. It rotates easily and automatically untwists your lifeline.



2 Depower Sheath

The lifeline is now placed into a new rectangular depower sheath for more durability. This new feature prevents the centerline from rubbing against the aluminium tube and will not rub against the user's fingers.



3 Stainless steel cleat

The above the bar stainless steel cleat to adjust the power has been updated for more simplicity, and the depower system is now thinner and therefore more precise.



FOILBAR
MANGO / SLATE



77212-0401

DIABLO
TARGET

50 | 60

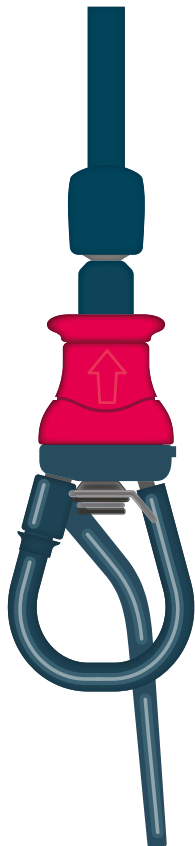
SAFETY LEASH
SHORT - MEDIUM - LONG



77222-8003

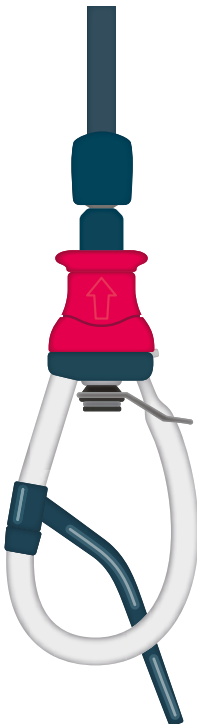
40 CM
75 CM
140 CM

QUICK RELEASE
STANDARD 4 LINES



77222-8001

QUICK RELEASE FREESTYLE
STANDARD 5 LINES



77222-8002

MAX FLOW F-ONE PUMP

FLAME



77241-8001

SOLD SEPARATELY

MINI PUMP F-ONE

FLAME



77221-8020

SOLD SEPARATELY



Twin-tips

Twin-tips technologies
Twin-tips
Accessories





A True Revolution, the Helical Rail Design (H.R.D.) is a Tripartite rail which delivers insane precision, advanced directional stability, surreal grip and ultimate comfort, all unknown yet in the world of Twin-Tips.

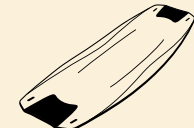


The LITE TECH (Integrated TPU Element) patented by ROSSIGNOL Snowboards is an F-ONE exclusivity in the kiting world bringing an incredible look and design to your board.



3D DECK STRUCTURE

The shape of the deck is especially engineered to make the board ultra responsive between your legs for maximum drive and precision with the flex increasing progressively towards the tips for maximum pop and comfort.

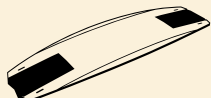


TIP RECESS

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.



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.



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 V double concave bottom shapes combines a general V with two concave channels on each side of the center line. The V provides maneuverability while the concaves channel the water along the board. The result is a lively board providing a comfortable ride with easy landings



The combination of a bottom concave and a channel which tightens the central part, allows to go planning in an instant, with strong upwind potential. The concave absorbs the chop and improves its grip on the water.



Double concave sections are designed to direct as much as possible the water flow so that when riding the concaves provide clearly superior grip.



We sought to gain support and a more progressive and constant contact when in the water. Starting with a surfing 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.

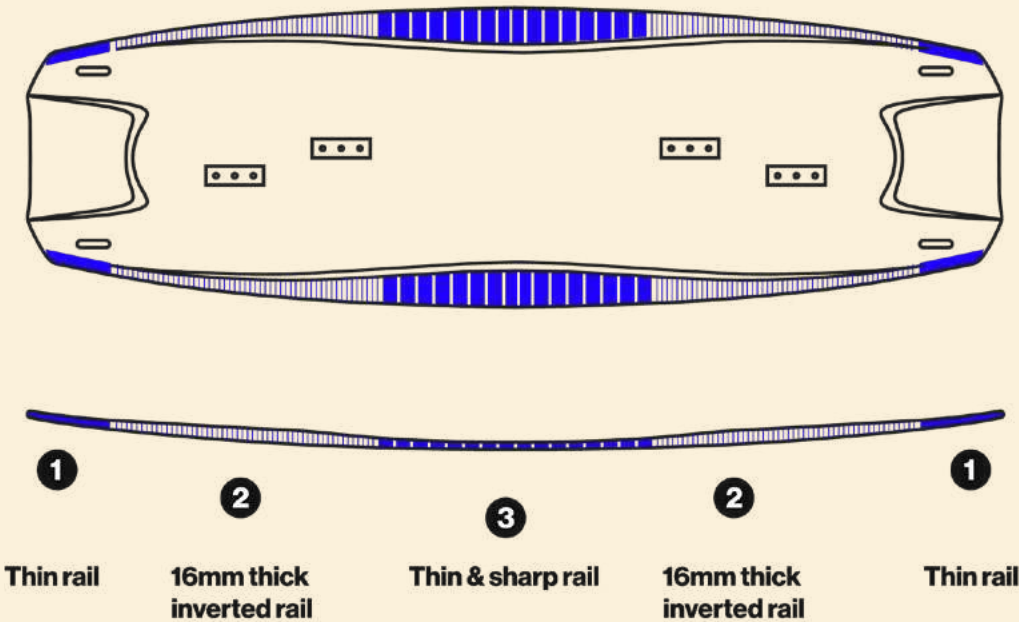


Our patented UNIBOX system removes all constraints of the traditional fin profile design. The fixing is done by the heel of the fin in a box that is placed on the upper part of the board. The originality of the system is that the screw is not integrated into the thickness of the fins, allowing them to remain thin and therefore reduce their drag.

Helical Rail Design (HRD)

A true revolution, the **Helical Rail Design** (**H.R.D.**) is a Tripartite rail which delivers insane precision, advanced directional stability, surreal grip and ultimate comfort, all unknown yet in the world of Twin-Tips.

The **HRD Rail** provides new performances and a truly unknown riding sensation like riding above the water. The 16mm thick rail also strongly increases the resistance of the structure and locks the twist of the board.

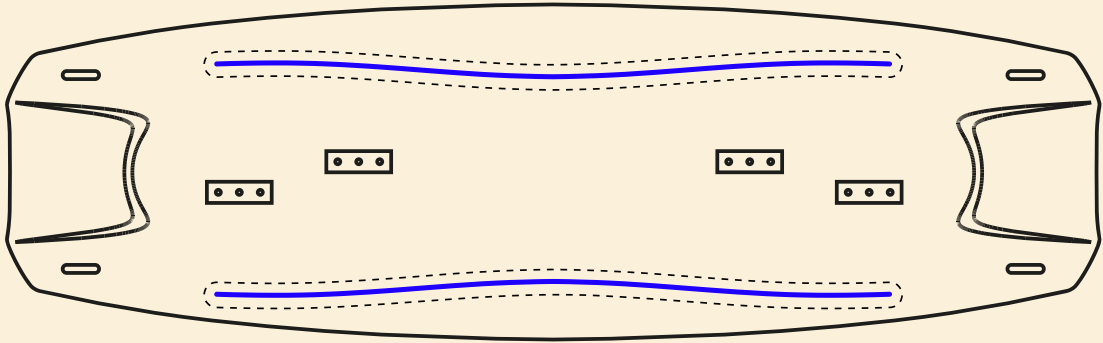


Featured in

- Trax HRD Carbon
- Trax HRD Lite Tech

Lite Tech

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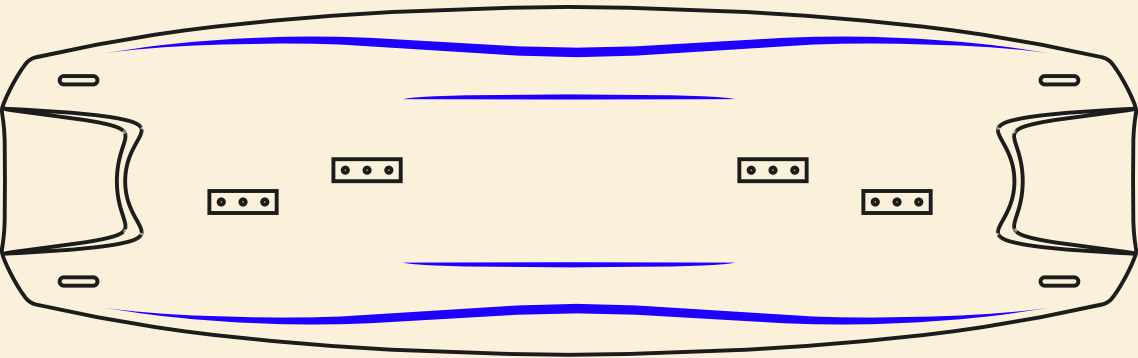


Featured in

- Trax HRD Lite Tech

3D Deck Structure

The shape of the deck is especially engineered to make the board ultra responsive between your legs for maximum drive and precision with the flex increasing progressively towards the tips for maximum pop and comfort.



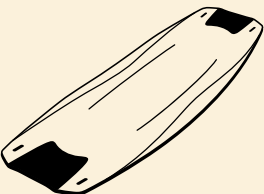
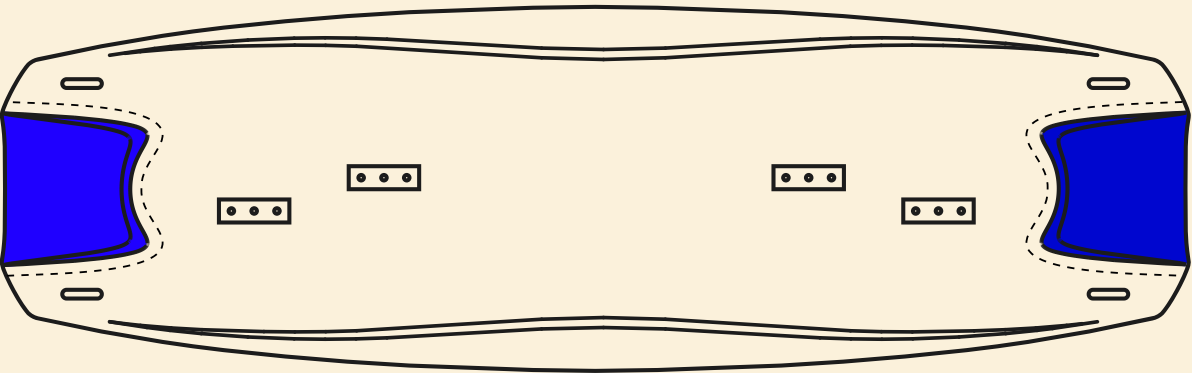
3D DECK STRUCTURE

Featured in

- Trax HRD Carbon
- WTF?!
- Trax HRD Lite Tech
- Trax

Tip Recess

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.



TIP RECESS

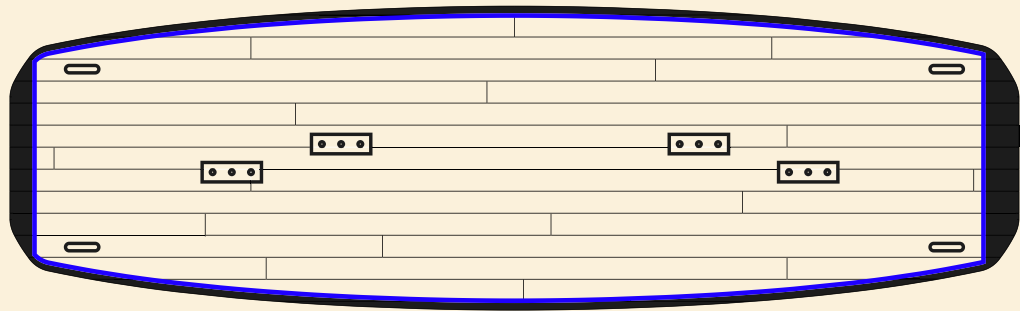
Featured in

- Trax HRD Carbon
- WTF?!
- Trax HRD Lite Tech

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).

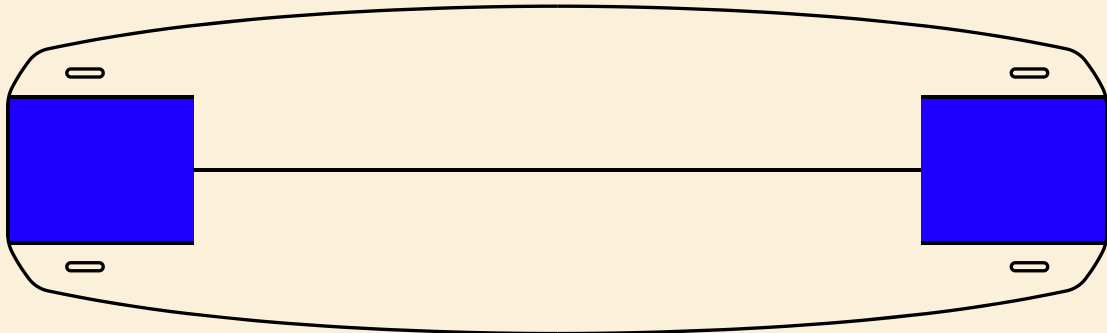
Each year, in order to master these properties, we seek to optimize its distribution, particularly in terms of thickness.



Lifted Tip Channels

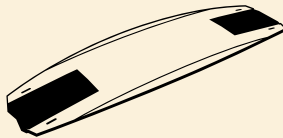
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raised in its central part, therefore creating added lift locally to the rocker of the board for better pop and easier landings.



Featured in

- Trax HRD Carbon
- WTF?!
- Trax HRD Lite Tech
- Trax
- One
- Big One



LIFTED TIP CHANNELS

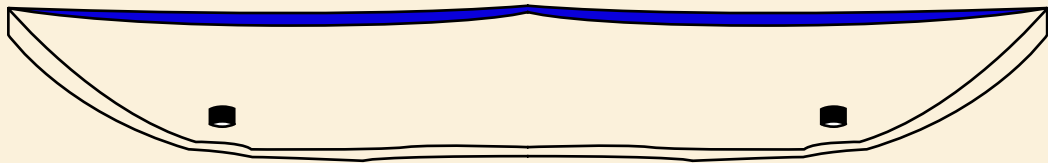
Featured in

- Trax

V Double Concave

The **V double concave** bottom shapes combines a general V with two concave channels on each side of the center line. The V provides maneuverability while the

concaves channel the water along the board. The result is a lively board providing a comfortable ride with easy landings

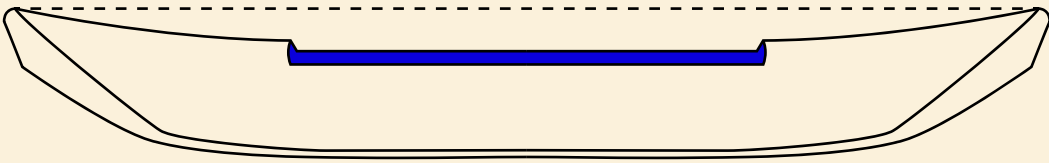


Featured in

- Trax

Concave step design

The combination of a bottom concave and a channel which tightens the central part, allows to go planning in an instant, with strong upwind potential.



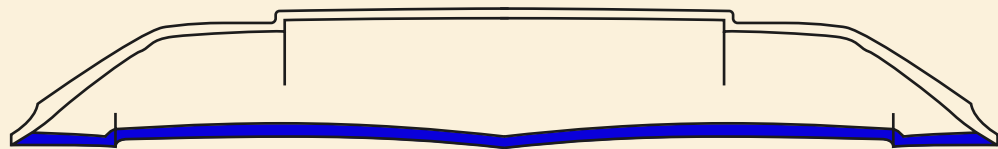
Featured in

- Trax HRD Carbon
- Trax HRD Lite Tech

Double concave step design

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. The side step emphasize the double concave effects and further add to the grip for better edging.



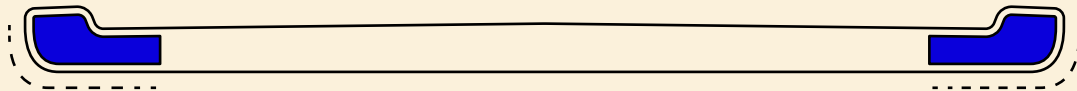
Featured in

- Trax

ABS Inverted rails

We sought to gain support and a more progressive and constant contact in the water. Starting with a surfing 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.



Featured in

- One
- Big One

Uni Box Fins

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

The fixing is done by the heel of the fin in a box that is placed on the upper part of the board. The originality of the system is that the screw is not integrated into the thickness of the fins, allowing them to remain thin and therefore reduce their drag.

The fin and box take the board in sandwich, so it can keep a reduced thickness and all its flex.

The flex of our UNIBOX fins is a unique element for a twin-tip. The boards are softer

in navigation but also in landing jumps, they have less tendency to stall. The edge taking is more progressive.

Our system allows you to gain in glide and planning start thanks to the asymmetrical thin profile and improves comfort thanks to the flex.

To respect the direction of the asymmetrical profile and install the fins correctly, they have a marked colour code on their heel (red and green). This colour is found in the female part of the boards.

A notch on the box has been added to allow a board leash to be attached.



Featured in

- Trax HRD Carbon
- WTF?!
- Trax HRD Lite Tech
- Trax
- One
- Big One



TRAX CARBON
Freeride - Freestyle



135 X 39
136 X 40.5
137 X 42
139 X 43
140 X 45 (LW)

TRAX LITE TECH
Freeride - Freestyle



135 X 39
136 X 40.5
137 X 42
139 X 43
140 X 45 (LW)

TRAX
Freeride - Freestyle



132 X 37
133 X 38
136 X 40.5
137 X 42

WTF ?!
New school



127 X 37 (NEXT GEN)
130 X 39 (NEXT GEN)
136 X 41.5 (SLIM)
138 X 42
140 X 42.5

ONE
School



138 X 40
140 X 42

ONE
School



148 X 45
150 X 48

BIG ONE
School



160 X 45
164 X 48

4X UNIBOX FINS 50 MM - SLATE

4X UNIBOX FINS 50 MM - SLATE

FREERIDE
FREESTYLE - BIG AIR
ACCESSIBILITY
WAKESTYLE

FREERIDE
FREESTYLE - BIG AIR
ACCESSIBILITY
WAKESTYLE

FREERIDE
FREESTYLE - BIG AIR
ACCESSIBILITY
WAKESTYLE

FREERIDE
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FREESTYLE - BIG AIR
ACCESSIBILITY
WAKESTYLE

FREERIDE
FREESTYLE - BIG AIR
ACCESSIBILITY
WAKESTYLE

FREERIDE
FREESTYLE - BIG AIR
ACCESSIBILITY
WAKESTYLE

77243-0103

77233-0102

77233-0103

77243-0201

77233-0301

77233-0301

77233-0302

TRAX CARBON

Freeride - Freestyle

Key points

- Performance freestyle
- Explosive pop
- Exceptional upwind abilities
- Ultra light and responsive



FREERIDE

FREESTYLE - BIG AIR

ACCESSIBILITY

WAKESTYLE

Size (cm)	135 X 39	136 X 40.5	137 X 42	139 X 43	140 X 45 (LW)
Weight (kg)	2.2	2.3	2.4	TBC	2.5

77243-0101



TRAX LITE TECH

Freeride - Freestyle

Key points

- Ultimate freeride and freestyle board
- 3D-designed Helical Rail Design (HRD)
- Easy to ride, perfect for beginners and experts alike
- Smooth and forgiving



FREERIDE		FREESTYLE - BIG AIR		ACCESSIBILITY		WAKESTYLE	
<div></div>		<div></div>		<div></div>		<div></div>	
Size (cm)	132 X 37	136 X 40.5	137 X 42	139 X 43	140 X 45 (LW)		
Weight (kg)	2.1	2.1	2.7	TBC	2.8		

77233-0102



TRAX

Freeride - Freestyle

Key points

- Performance packed into a value conscious package
- Rails inspired by HRD technology
- Double concave bottom shape
- Smooth ride whatever the conditions



FREERIDE

FREESTYLE - BIG AIR

ACCESSIBILITY

WAKESTYLE

Size (cm)	132 X 37	133 X 38	136 X 40.5	137 X 42
Weight (kg)	2.1	2.1	2.7	2.8

77233-0103



WTF ?!

Freestyle

Key points

- Freestyle weapon with amssive pop
- 5 sizes to suit all riders
- Total control during edging and landing
- Impressive comfort and stability



	FREERIDE	FREESTYLE - BIG AIR	ACCESSIBILITY	WAKESTYLE	
	<div></div>	<div></div>	<div></div>	<div></div>	
Size (cm)	127 X 37 <small>(NEXT GEN)</small>	130 X 38 <small>(NEXT GEN)</small>	136 X 41.5 <small>(SLIM)</small>	138 X 42	140 X 42.5 <small>(LW)</small>
Weight (kg)	2.3	2.4	3.0	3.2	3.4

77243-0201



ONE

School

Key points

- Great for beginners, freeriding, and light wind days
- Very accessible and forgiving
- Early planing
- Incredible control and stability



FREERIDE		FREESTYLE - BIG AIR		ACCESSIBILITY		WAKESTYLE	
<div></div>		<div></div>		<div></div>		<div></div>	
Size (cm)		138 X 40		140 X 42			
Weight (kg)		2.8		2.9			

77233-0301



ONE

School

Key points

- Great for beginners, freeriding, and light wind days
- Very accessible and forgiving
- Early planing
- Incredible control and stability



FREERIDE	FREESTYLE - BIG AIR	ACCESSIBILITY	WAKESTYLE
Size (cm)	148 X 45	150 X 48	
Weight (kg)	3.3	3.5	

77233-0301



BIG ONE

School

Key points

- Amazing lightwind performances
- Fantastic stability and grip
- Very easy control for a locked-in feel



FREERIDE

FREESTYLE - BIG AIR

ACCESSIBILITY

WAKESTYLE

Size (cm)	160 X 450	164 X 48
Weight (kg)	3.6	4.0

77233-0302

PLATINIUM 3 BINDINGS
AVAILABLE IN S - M - L/XL - FLAME SLATE



77223-8001

HANDLE
INCLUDED WITH PLATINIUM 3 BINDINGS



77203-8006

UNIBOX FINS
50 MM & 35 MM - SLATE



50 MM 77223-8007

35 MM 77224-8008



Surfboards

Surfs technologies
Surfs
Accessories





This sandwich construction (high-density foam + glass and carbon fiber) allows the board to be lightweight and strong, as well as tougher to heel pressures and dings. The high-density foam brings an overall strength to the board. This construction improves the weight/strength ratio of carbon foil boards which clearly feature among the lightest and best performing boards on the market.



Bamboo fibers are highly resistant and really light. The FULL BAMBOO construction uses natural properties of bamboo veneers placed between fiberglass layers to create a strong, durable, light shell for the entire board (deck and bottom).



The RTM CARBON Technology benefits from the regular RTM process and its distinctive sharp feel on the water. In the carbon version the carbon fibers are placed vertically in the front of the fins to strongly hold the base and let the flex on the tips. The fins are stiffer and more precise with a release from the tip in high load for more comfort and shaper turns.



The twin track system with lateral spacing of 90mm is becoming an industry standard. This system is compatible with all foils featuring a top plate with 4 fastening bolts. The length of the tracks enables some room to adjust the position of the foil on the board to reach everyone's preferred balance.



The SLIM Tech Carbon Custom process uses a CNC-shaped PVC foam core to reduce board thickness dramatically. This core is then wrapped entirely by a carbon fiber skin. All the skin layers are carefully laid and vacuum-bagged for minimum weight and maximum fiber efficiency. This hand-crafted lamination makes boards outstandingly light and impressively strong.

- Better control of the board: Having the feet closer to the bottom of the board means you have a better, sharper feel for what the board is doing.
- Reduced weight: By using a stronger core material, we can reduce the amount and variety of materials used in the shell. Using carbon, this shell can be made even lighter while keeping its strength and stiffness characteristics. Added to the reduced volume, this means the board is incredibly light.
- Increased strength: The core of the board is no more this fragile blank which you can ding, dent or break. The SLIM Tech boards are tougher and stronger.

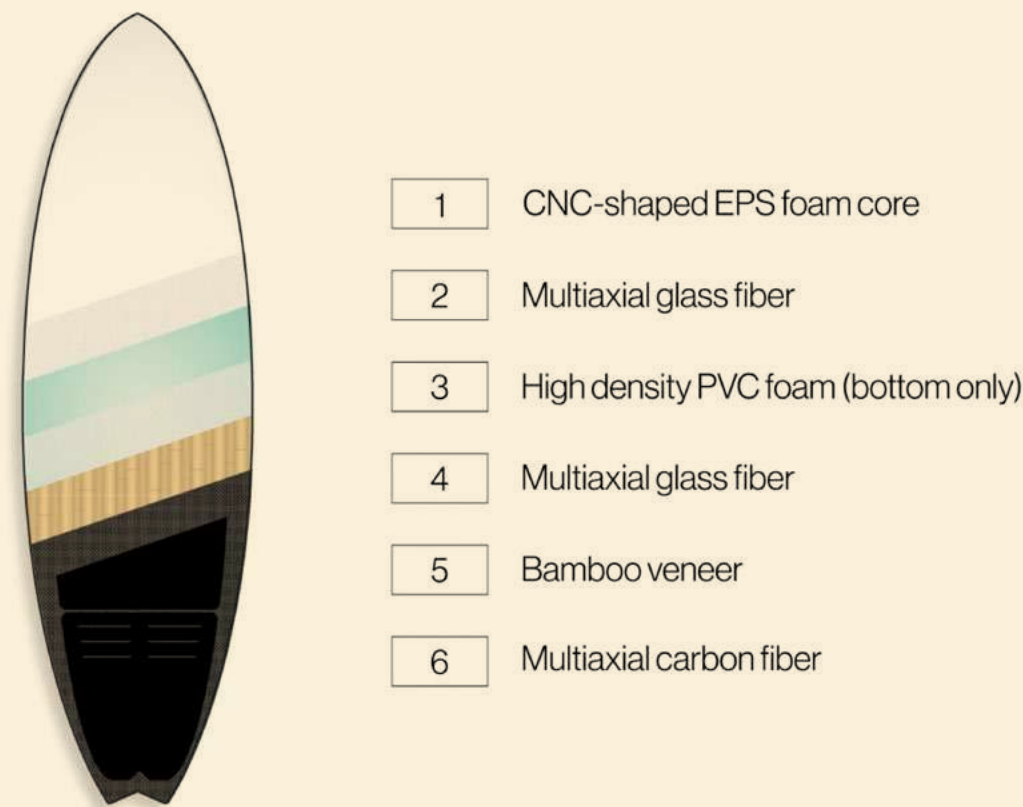


The introduction of this construction has marked a major change into the F-ONE surfboard range and especially on our three key products. To face the ever higher constraints applied by the riders on their surfboards F-ONE has engineered a new foam composite construction with optimized flex for maximum reliability, comfort and manoeuvrability. 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 riders and makes the board even more durable.

HD Foam carbon composite



This construction with a CNC-shaped EPS foam core and a sandwich layup (high-density foam + glass and carbon fiber) allows the board to be lightweight and strong, as well as tougher to heel pressures and dings. The high-density foam brings an overall

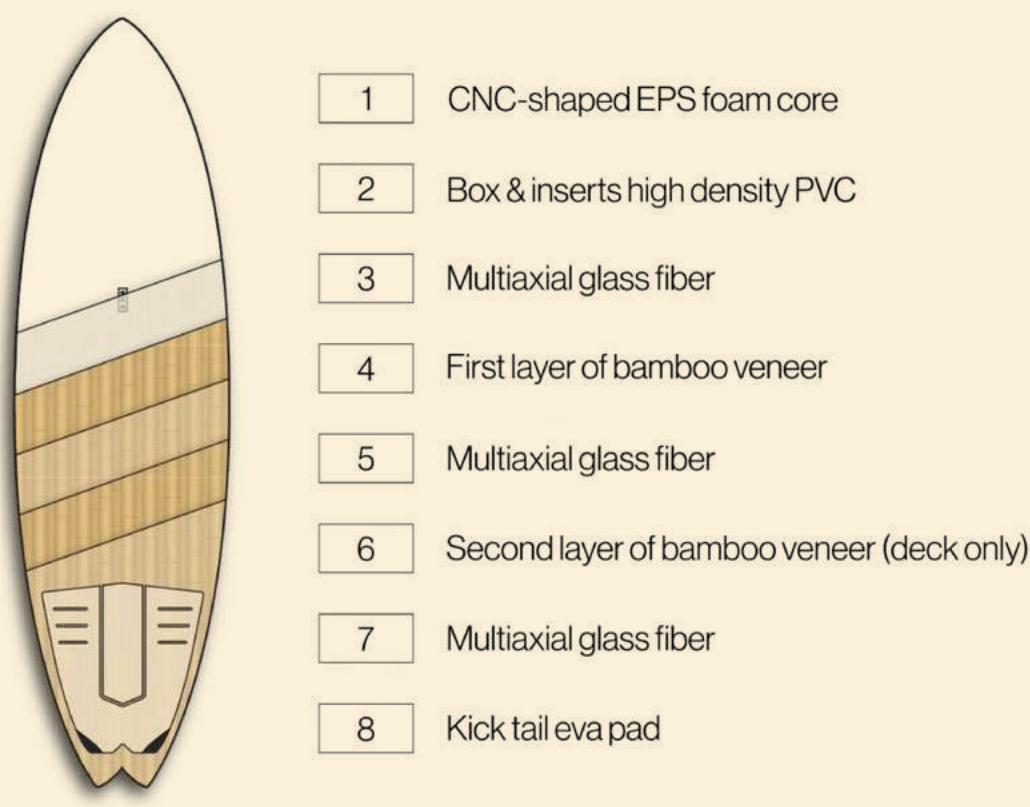
strength to the board. This construction improves the weight/strength ratio of carbon foil boards which clearly feature among the lightest and best performing boards on the market.



Featured in

- Mitu Pro Carbon

Full bamboo



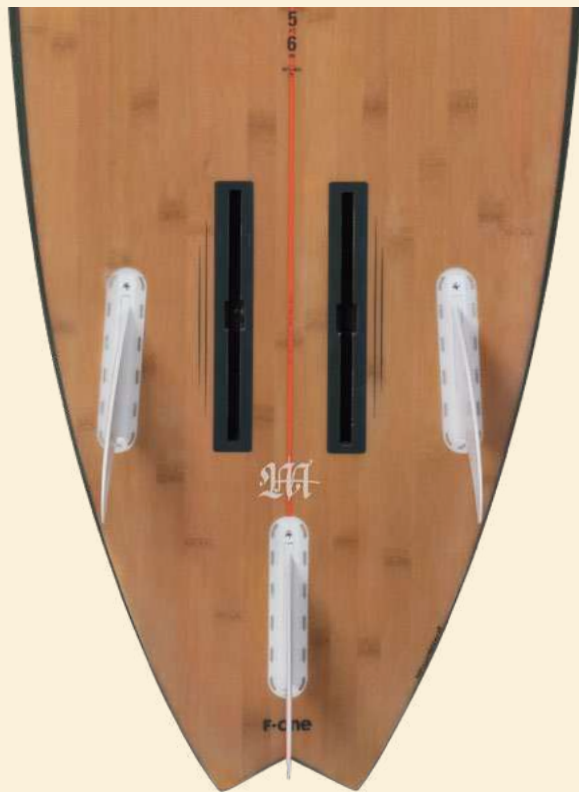
Bamboo fibers are highly resistant and light. The Full Bamboo construction uses natural properties of bamboo veneers placed between layers of glass fibers to create a strong, durable, light shell for the entire board (deck and bottom).



Featured in

- Mitu Pro Bamboo
- Slice Bamboo

Twin Tracks



RTM Technology stands for Resin Transfer Molding. This process uses a closed mold to produce accurate composite parts. The resin is injected in the mold after it is closed, with the dry fiber having been placed inside beforehand.

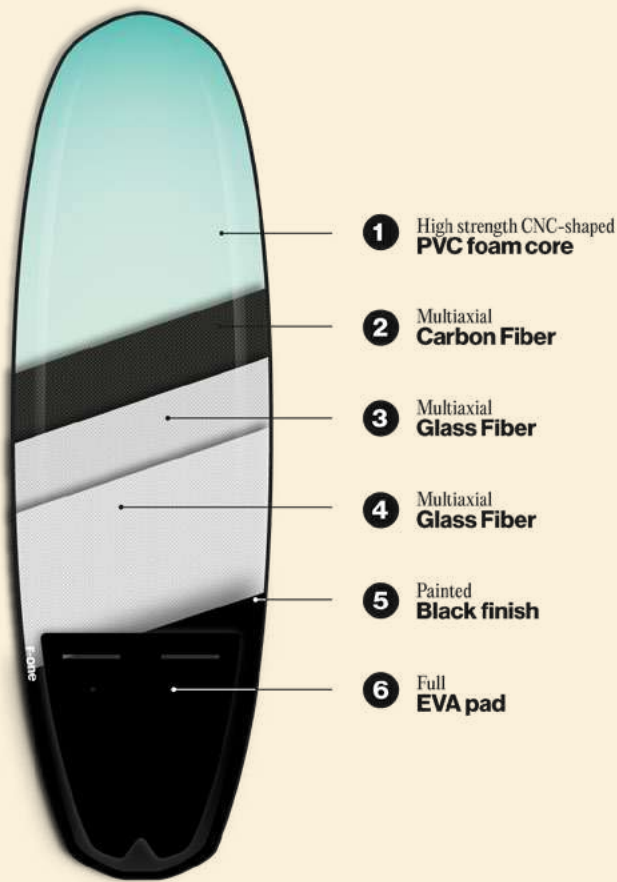
The closed mold injection allows for great shape accuracy. In addition, the epoxy resin used makes the fins or stabs stronger and more responsive, thus providing a sharper feel on the water.



Featured in

- Mitu Pro Bamboo Foil
- Slice Bamboo Foil

Slim tech Carbon Custom



The SLIM Tech Carbon Custom process uses a CNC-shaped PVC foam core, which is then wrapped entirely by a carbon fiber skin. All the skin layers are carefully laid and vacuum-bagged for minimum weight and

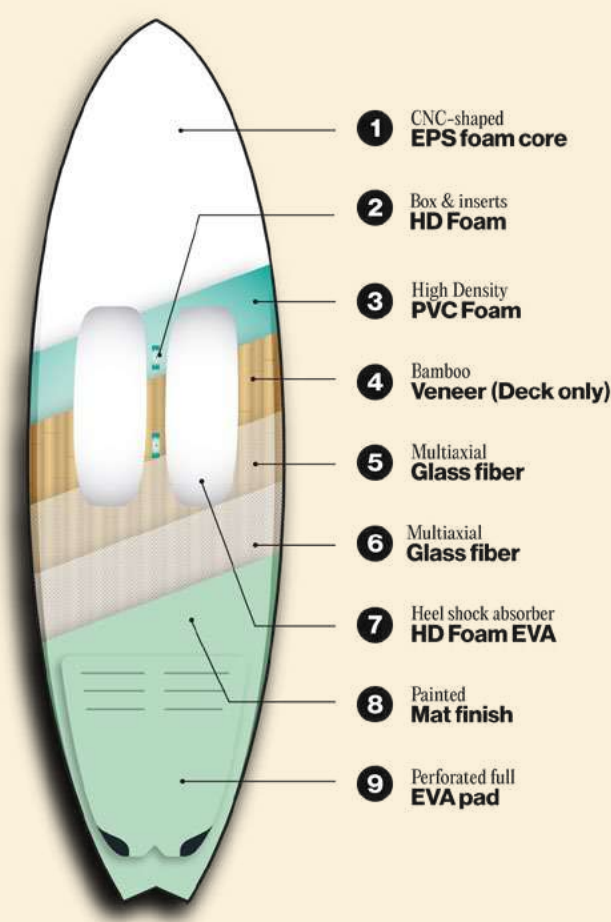
maximum fiber efficiency. This hand-crafted lamination makes boards outstandingly light and impressively strong.



Featured in

- Magnet Carbon

HD Foam flex composite



The introduction of this construction has marked a major change into the F-ONE surfboard range and especially on our three key products. To face the ever higher constraints applied by the riders on their surfkites F-ONE has engineered a new foam

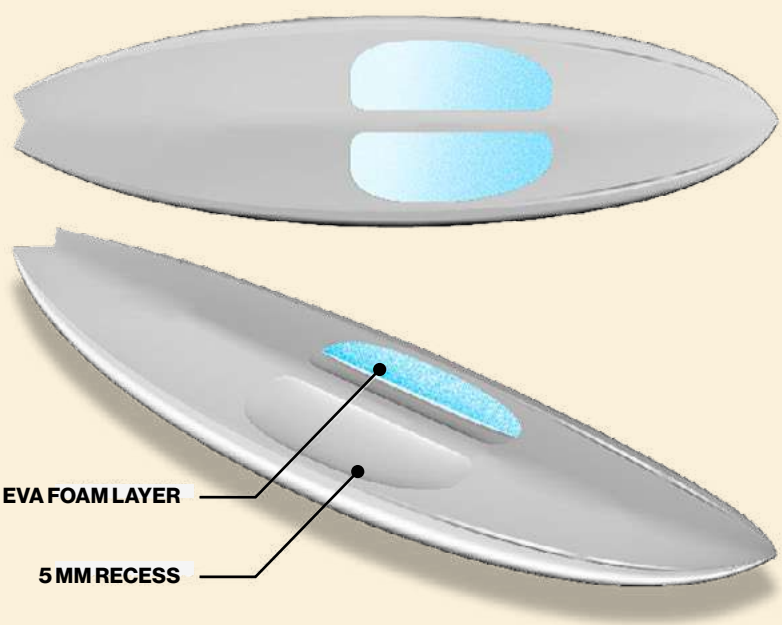
composite construction with optimized flex for maximum reliability, comfort and manoeuvrability. The mechanical characteristics achieved by this construction provide a lighter weight and a perfect surfboard feel.



Featured in

- Mitu Pro Flex
- Shadow
- Tweak

Heel shock absorber



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.

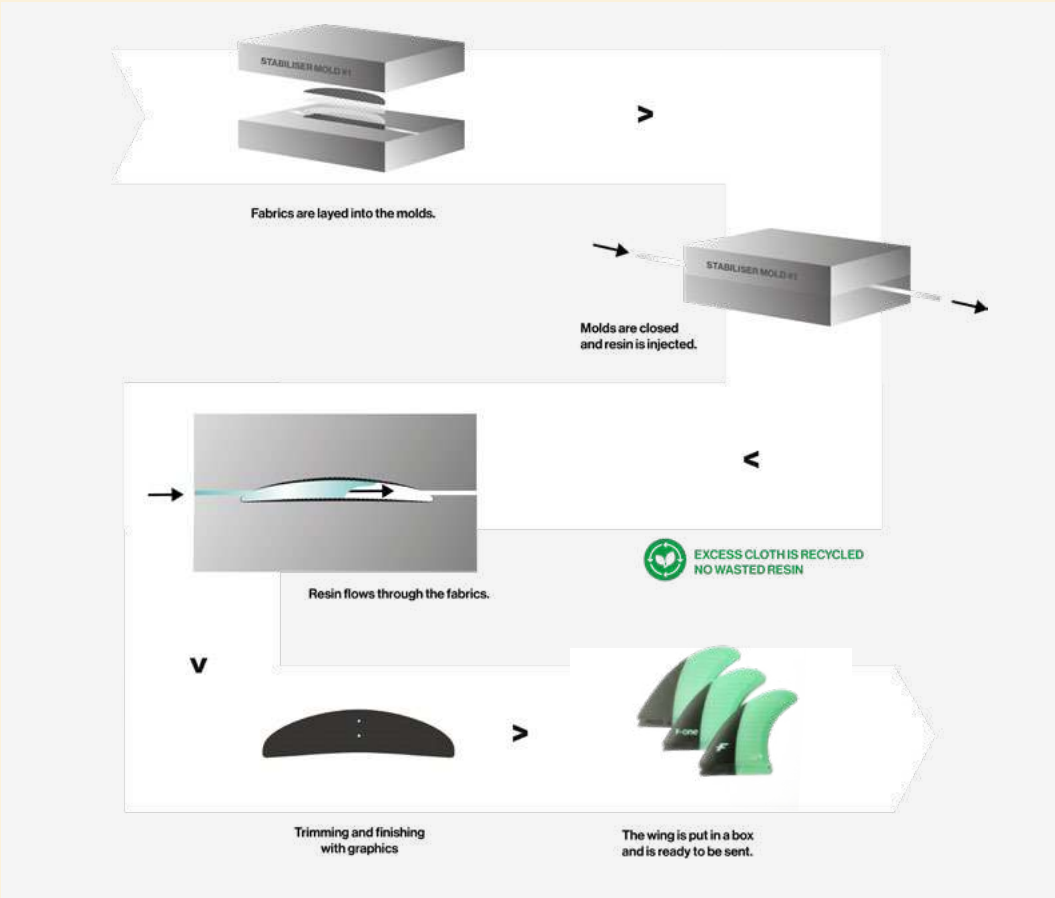
This foam layer absorbs effectively all impacts for the riders and makes the board even more durable.



Featured in

- Mitu Pro Flex
- Shadow
- Tweak

RTM carbon technology



The **RTM CARBON** Technology benefits from the regular RTM process and its distinctive sharp feel on the water. In the carbon version the carbon fibers are placed vertically in the

front of the fins to strongly hold the base and let the flex on the tips. The fins are stiffer and more precise with a release from the tip in high load for more comfort and shaper turns.



Featured in

- Mitu Pro Carbon
- Mitu Pro Flex
- Magnet
- Tweak
- Shadow



Surfboards Range

MITU PRO CARBON
Strapless Freestyle



5'2" X 17.7" 20.5 L

5'4" X 18.1" 22.0 L

5'6" X 18.3" 23.0 L

5'8" X 18.5" 24.0 L

5'10" X 19.1" 26.0 L

Full Pad

3x F-ONE Flow Carbon
XS (5'2 / 5'4)

3x F-ONE Flow Carbon
M (5'6 / 5'8 / 5'10)

WAVE (ON SHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

77244-0103

MAGNET CARBON
Strapless Freestyle



4'11" X 17.7" 10.8 L

5'1" X 18.1" 11.5 L

Full Pad

Front Fins : 2x
F-ONE Flow Carbon M

Rear Fin: 1x
F-ONE Flow Carbon XS

WAVE (ON SHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

77234-0501

MITU PROFLEX
Strapless Freestyle



5'2" X 17.7" 20.5 L

5'4" X 18.1" 22.0 L

5'6" X 18.3" 23.0 L

5'8" X 18.5" 24.0 L

5'10" X 19.1" 26.0 L

Full Pad

3x F-ONE Flow Carbon
XS (5'2 / 5'4)

3x F-ONE Flow Carbon
M (5'6 / 5'8 / 5'10)

WAVE (ON SHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

77234-0501

TWEAK
Strapless Freestyle



5'2"X 18.1" 20.6 L

5'4"X 18.5" 22.2 L

Full Pad

3x F-ONE Flow Carbon
XS

WAVE (ON SHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

77234-0701

SHADOW
Waves



5'4"X 18.1" 20.1 L

5'6"X 18.5" 21.4 L

5'8"X 18.9" 22.8 L

Full Pad

3x F-ONE Flow Carbon
XS (5'4)

3x F-ONE Flow Carbon
M (5'6 / 5'8)

WAVE (ON SHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

77244-0301

MITU PRO BAMBOO
Strapless Freestyle
& Waves



5'2" X 17.7" 20.5 L

5'4" X 18.1" 22.0 L

5'6" X 18.3" 23.0 L

5'8" X 18.5" 24.0 L

5'10" X 19.1" 26.0 L

WAVE (ON SHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

77244-0101

MITU PRO BAMBOO FOIL
Waves & Foil



5'6"X 18.3" 23.0 L

5'8"X 18.5" 24.0 L

5'10"X 19.1" 26.0 L

Tail Pad - MIDDLE AND FRONT OPTIONAL PAD

FUTURES® F4 437 THRUSTER SET

WAVE

FOIL

FREESTYLE

FREERIDE

77244-0104

SLICE BAMBOO
Strapless Freestyle
& Waves



5'1" X 17.9" 21.7 L

5'3" X 18.3" 23.0 L

5'5" X 18.7" 24.7 L

WAVE (ON SHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

77244-0201

SLICE BAMBOO FOIL
Strapless Freestyle
& Foil



5'1" X 17.9" 21.7 L

5'3" X 18.3" 23.0 L

5'5" X 18.7" 24.7 L

WAVE

FOIL

FREESTYLE

FREERIDE

77244-0204

MITU PRO CARBON

Waves & Strapless Freestyle



Key points

- 100% dedicated to strapless
- Agile and reactive outline
- Light and predictable ride
- Excellent for strapless airs and rotations



WAVE (ONSHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

Size (cm)	157 X 45	162 X 46	167 X 46.5	172 X 47	177 X 48.5
Dimensions (in)	5'2 X 17.7"	5'4 X 18.1"	5'6 X 18.3"	5'8 X 18.5"	5'10 X 19.1"
Volume (l)	20.5	22	23	24	26
Weight (kg)	2.65	2.74	2.83	2.93	3.11
Fin size	XS	XS	M	M	M

77244-0103



MAGNET CARBON

Strapless Freestyle



Key points

- New shape for even better accelerations, pop, and handling
- 100% dedicated to strapless freestyle
- The lightest strapless kite board ever built: 2.3 kg!
- Sticks to your feet during airs
- Huge comfort and control thanks to its exclusive slim profile



WAVE (ONSHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

Size (cm)	149 X 46	155 X 47
Dimensions (in)	4'11 X 17.7"	5'1 X 18.1"
Volume (l)	10.8	11.5
Weight (kg)	2.7	2.8

77234-0501



MITU PRO FLEX

Strapless Freestyle

Key points

- Super agile and reactive outline
- Intuitive and playful in all conditions
- Light and predictable ride
- Amazing chop handling



WAVE (ONSHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

Size (cm)	157 X 45	162 X 46	167 X 46.5	172 X 47	177 X 48.5
Dimensions (in)	5'2 X 17.7"	5'4 X 18.1"	5'6 X 18'1"	5'8 X 18.5"	5'10 X 19.11"
Volume (l)	20.2	21.8	22.8	23.9	25.4
Weight (kg)	2.99	3.14	3.24	3.38	3.54
Fin size	XS	XS	M	M	M

77234-0102



TWEAK

Strapless Freestyle

Key points

- Great for small to medium-sized waves and onshore conditions
- Effortless turns and easy accelerations even in mellow waves
- Precise, responsive, and highly maneuverable
- Great for strapless freestyle



WAVE (ONSHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

Size (cm)	157 X 46	162 X 47
Dimensions (in)	5'2" X 18.1"	5'4" X 18.5"
Volume (l)	20.6	22.2
Weight (kg)	3.2	3.3

77234-0701



SHADOW

Waves

Key points

- New shape and outline for the perfect mix of speed and control
- Highly reactive wave specialist
- Agile and direct
- Incredibly balanced and intuitive



WAVE (ONSHORE)	WAVE (REEF)	FREESTYLE	FREERIDE
Size (cm)	157 X 46	162 X 47	173 X 48
Dimensions (in)	5'2" X 18.1"	5'4" X 18.5"	5'8" X 18.9"
Volume (l)	20.1	21.4	22.8
Weight (kg)	3	3.1	3.4

77244-0301



MITU PRO BAMBOO

Freeride Surf



Key points

- Super agile and reactive outline
- Fun all-rounder surfboard
- Easy speed, light, playful
- Amazing chop handling



WAVE (ONSHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

Size (cm)	157 X 45	162 X 46	167 X 46.5	172 X 47	177 X 48.5
Dimensions (in)	5'2 X 17.7"	5'4 X 18.1"	5'6 X 18.3"	5'8 X 18.5"	5'10 X 19.1"
Volume (l)	20.5	22.0	23.0	24.0	26.0
Weight (kg)	2.8	2.9	3	3.1	3.2

77244-0101



MITU PRO BAMBOO FOIL

Freeride Surf & Foil



Key points

- Super agile and reactive outline
- Fun kite foil board
- Easy speed, light, playful
- Amazing chop handling



WAVE (ONSHORE)

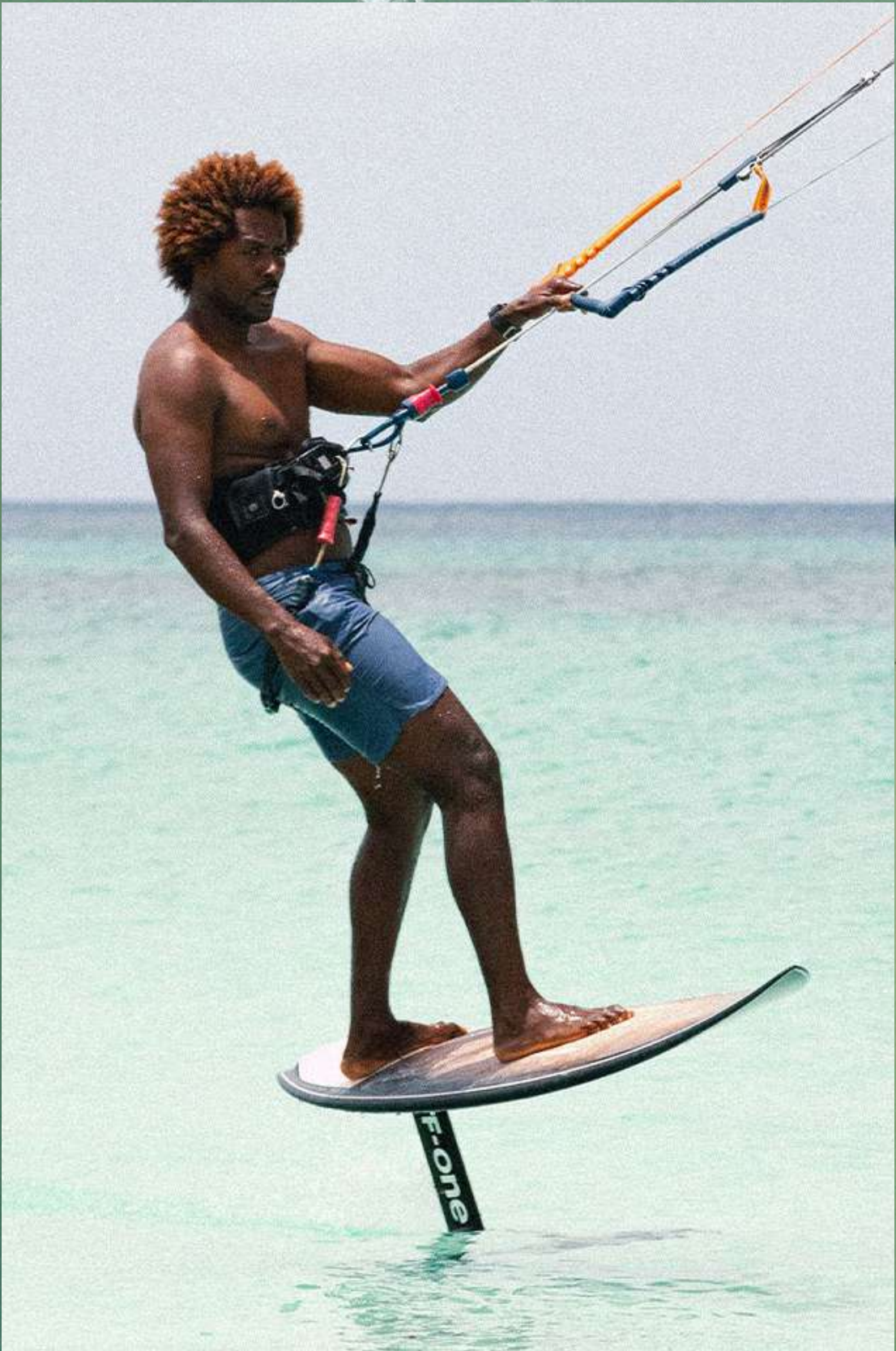
WAVE (REEF)

FREESTYLE

FREERIDE

Size (cm)	167 X 46.5	172 X 47	177 X 48.5
Dimensions (in)	5'6" X 18.3"	5'8" X 18.5"	5'10" X 19.1"
Volume (l)	23.0	24.0	26.0
Weight (kg)	3.4	3.5	3.7

77244-0104



SLICE BAMBOO

Freeride Surf



Key points

- Planes with ease and pops excellently
- Super stable and fantastic edging
- Total control during airs
- Active and playful whilst surfing



WAVE (ONSHORE)

WAVE (REEF)

FREESTYLE

FREERIDE

Size (cm)	167 X 46.5	172 X 47	177 X 48.5
Dimensions (in)	5'6" X 18.3"	5'8" X 18.5"	5'10" X 19.1"
Volume (l)	23.0	24.0	26.0
Weight (kg)	3.4	3.5	3.7

77244-0201



SLICE BAMBOO FOIL

Strapless Freestyle & Foil



Key points

- Planes with ease and pops excellently
- Super stable and fantastic edging
- Total control during airs
- Active and playful whilst surfing



WAVE (ONSHORE)

WAVE (REEF)

FREESTYLE

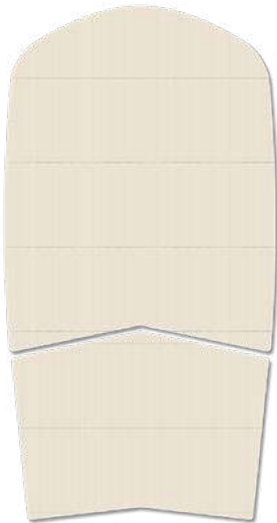
FREERIDE

Size (cm)	156 X 45.5	161 X 46.5	166 X 47.5
Dimensions (in)	5'1" X 17.9"	5'3" X 18.3"	5'5" X 18.7"
Volume (l)	21.7	23.0	24.7
Weight (kg)	3	3.12	3.27

77244-0204

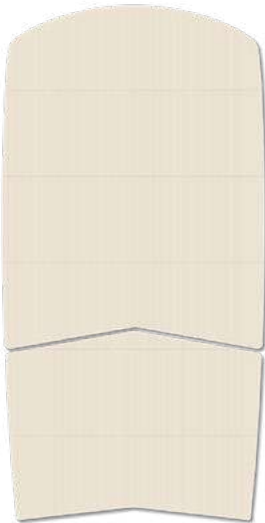


FRONT & MID PAD
MITU PRO BAMBOO



77244-8006

FRONT & MID PAD
SLICE BAMBOO



77244-8007

V-STRAPS FOILBOARD



EQUIPPED WITH

M6 SCREWS
77228-8001

SELF TAPPING SCREWS
77228-8002

SURF STRAPS



EQUIPPED WITH

SELF TAPPING SCREWS
77224-8004

F-ONE FLOW CARBON XS & M THRUSTER SET
MINT



XS 77234-8101 M 77234-8102

FUTURES® F4 437 THRUSTER SET
STANDARD WHITE



77804-8001

Hydrofoil boards

Board technologies
Hydrofoil boards
Accessories

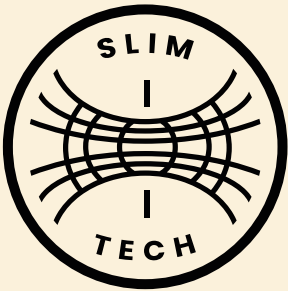
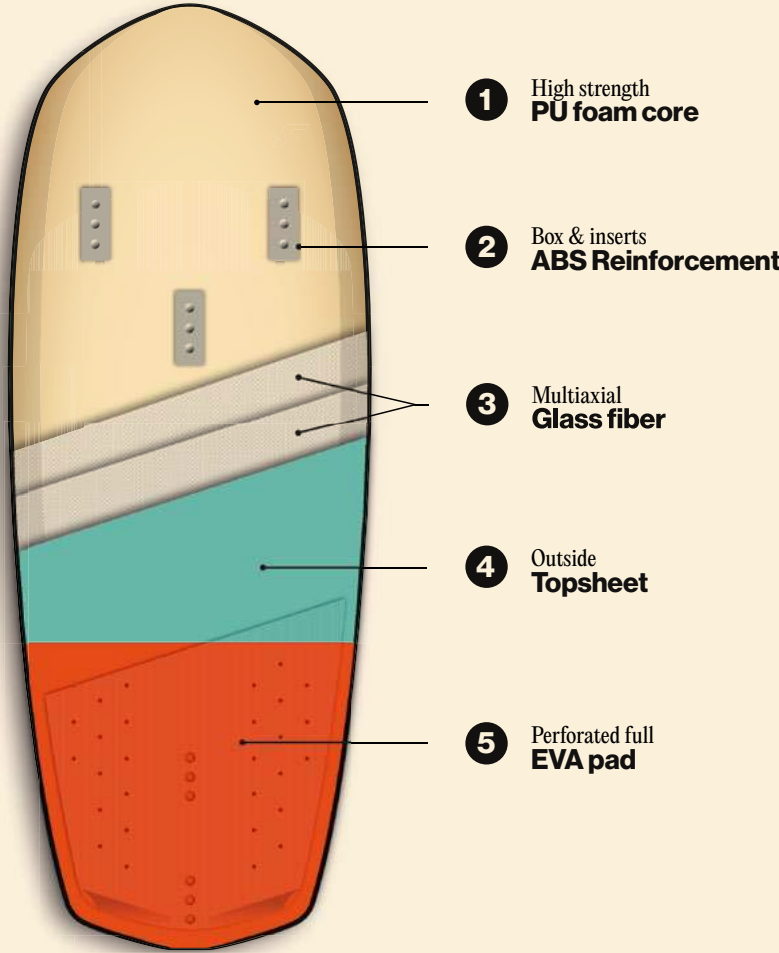


Slimtech construction

The SLIM Tech process uses a high-strength PU foam core material to reduce core thickness dramatically. It brings numerous benefits: Better control of the board, reduced weight, and increased strength.

- Better control of the board: Having the feet closer to the bottom of the board means you have a better, sharper feel for what the board is doing.
- Reduced weight: By using a stronger core material, we can reduce the amount and variety of materials used in the shell. Combined with the reduced volume, this means the board can be made lighter.
- Increased strength: The core of the board is no more this fragile blank which you can ding, dent or break. The SLIM Tech boards are tougher and stronger.

Boards built with the SLIM Tech construction are molded and heat pressed. They feature a very thin and robust outside skin to protect the board throughout its life. Proof that you can be light and bulletproof.



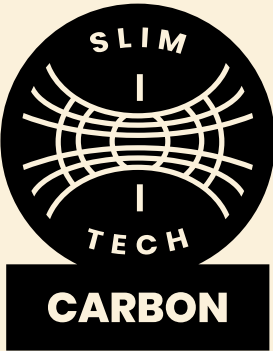
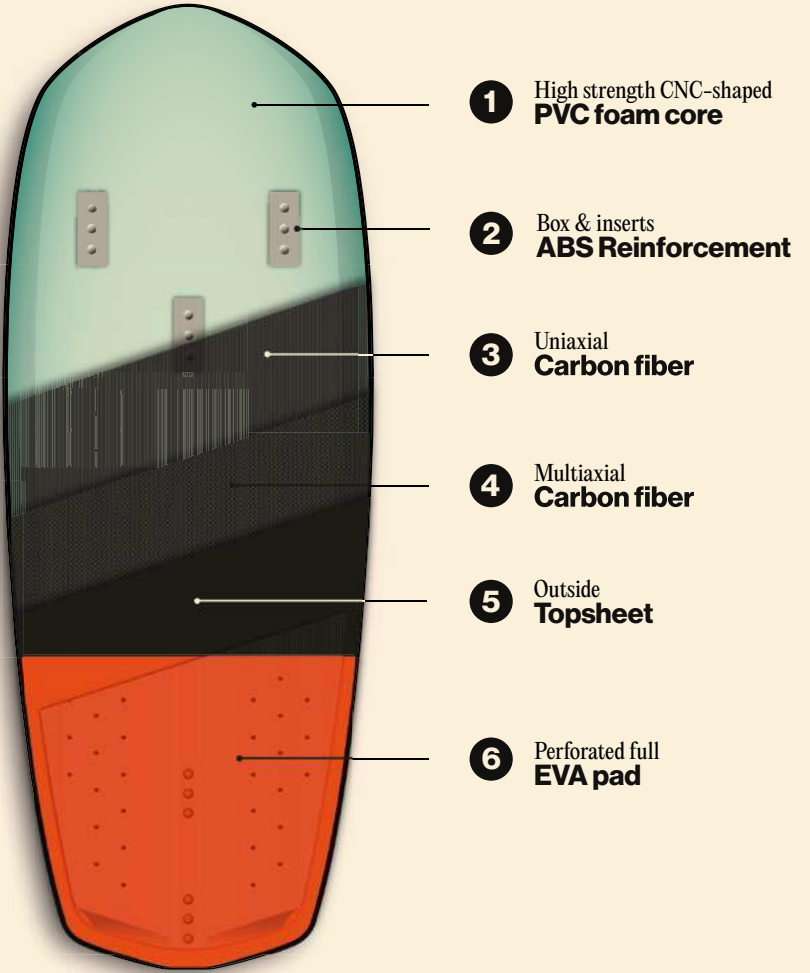
Featured in

- Pocket

Slimtech carbon construction

Using a CNC-shaped PVC foam combined with a carbon layup, the SLIM Tech Carbon technology leads to amazing board control, weight reduction, and increased strength..

- Better control of the board: Having the feet closer to the bottom of the board means you have a better, sharper feel for what the board is doing.
- Reduced weight: By using a stronger core material, we can reduce the amount and variety of materials used in the shell. Using carbon, this shell can be made even lighter while keeping its strength and stiffness characteristics.
- Increased strength: The core of the board is no more this fragile blank which you can ding, dent or break. The SLIM Tech boards are tougher and stronger.



Featured in

- Pocket carbon

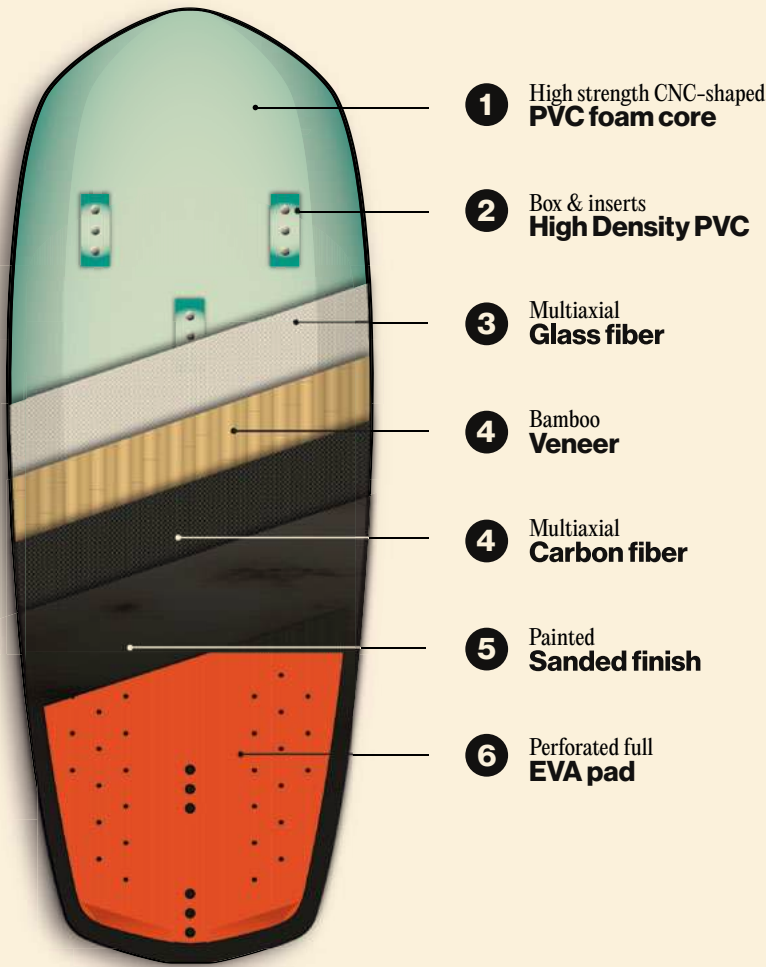
Slimtech carbon custom construction

The SLIM Tech Carbon Custom process uses a CNC-shaped PVC foam core, which is then wrapped entirely by a carbon fiber skin. All the skin layers are carefully laid and vacuum-bagged for minimum weight and maximum fiber efficiency. This hand-crafted lamination makes boards outstandingly light and impressively strong.

• Better control of the board: Having the feet closer to the bottom of the board means you have a better, sharper feel for what the board is doing.

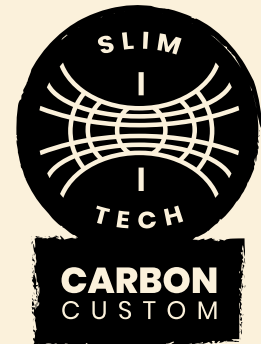
• Reduced weight: By using a stronger core material, we can reduce the amount and variety of materials used in the shell. Using carbon, this shell can be made even lighter while keeping its strength and stiffness characteristics. Added to the reduced volume, this means the board is incredibly light.

• Increased strength: The core of the board is no more this fragile blank which you can ding, dent or break. The SLIM Tech boards are tougher and stronger.



Featured in

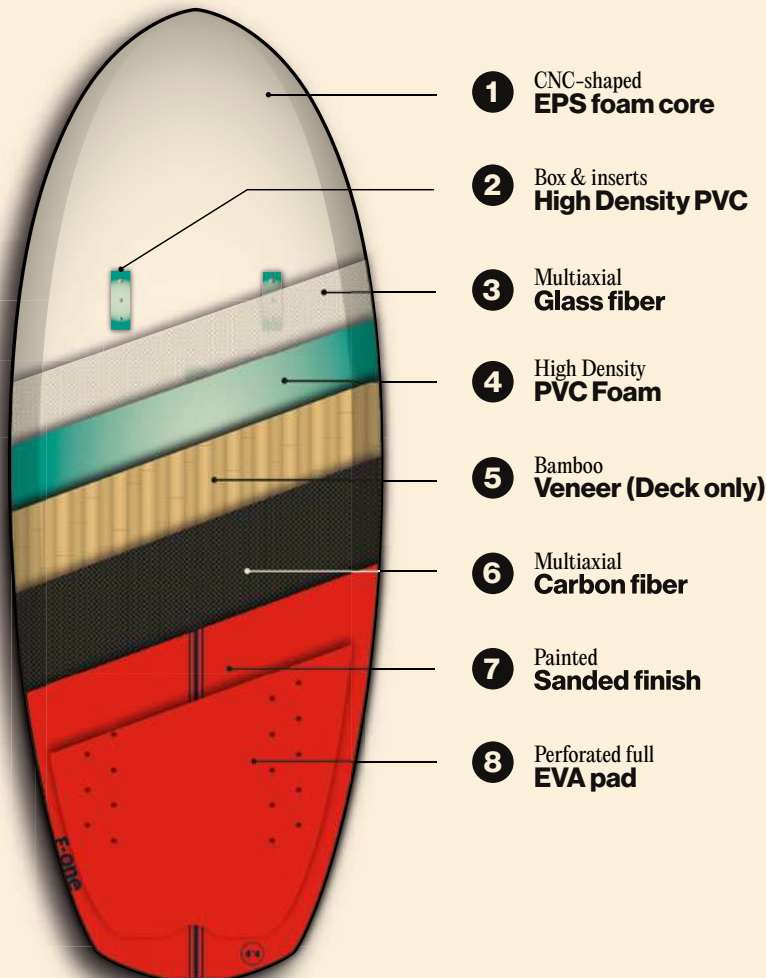
- Pocket carbon custom



HD Foam carbon composite

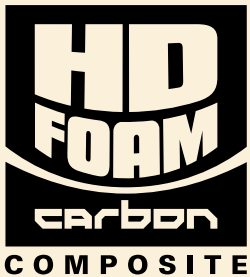
This construction with a CNC-shaped EPS foam core and a sandwich layup (high-density foam + glass and carbon fiber) allows the board to be lightweight and strong, as well as tougher to heel pressures and dings. The high-density foam brings an overall strength to the board.

This construction improves the weight/strength ratio of carbon foil boards which clearly feature among the lightest and best performing boards on the market.



Featured in

- Pro race carbon



POCKET

Freeride - Carving

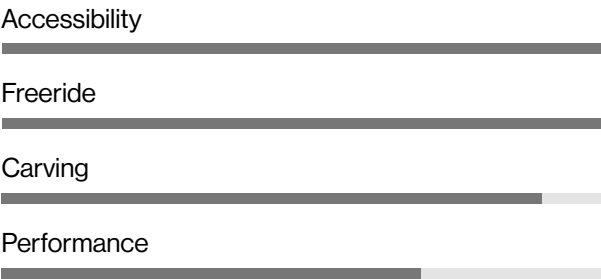


Size (in)	Size (cm)	Volume (l)	Weight (kg)	Inserts
3'11 x 18.1"	120 x 46	9.8 L	3.3	YES
4'3 x 18.5"	130 x 47	10 L	3.7	YES
4'9 x 19.6"	145 x 50	11 L	4.1	YES

Slim tech

Full pad

Alu Twin tracks



77228-0101

POCKET CARBON

Freeride - Carving

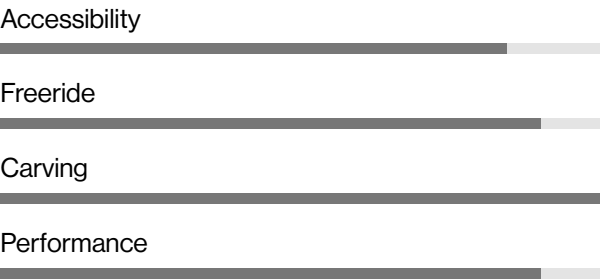


Size (in)	Size (cm)	Volume (l)	Weight (kg)	Inserts
3'7 x 17.3"	110 x 44	8.7 L	2.7	-
3'11 x 18.1"	120 x 46	9.8 L	2.8	YES
4'3 x 18.5"	130 x 47	10 L	2.9	YES

Slim tech carbon

Full pad

Alu Twin tracks



77228-0102

POCKET CARBON CUSTOM

Freeride - Carving - Performance

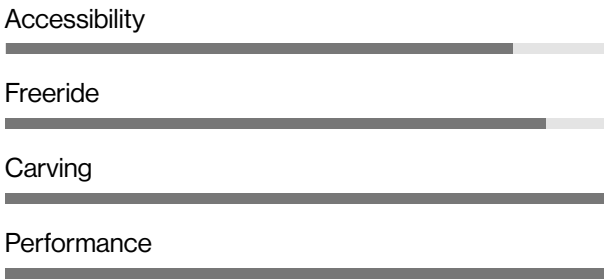


Size (in)	Size (cm)	Volume (l)	Weight (kg)	Inserts
3'6" x 17.7"	110 x 44	15 L	2.4	-
3'9" x 18"	120 x 46	16.8 L	2.7	YES
4'2" x 18.5"	130 x 47	18.6 L	2.9	YES

Slim tech carbon custom

Full pad

Alu Twin tracks



77228-0201

PRO RACE CARBON

Race

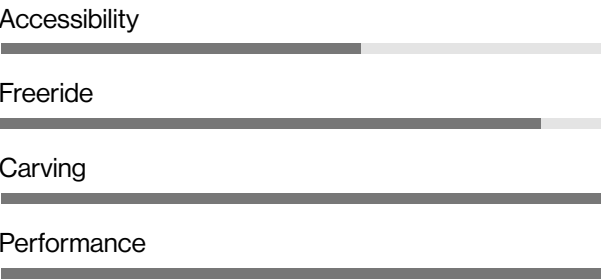


Size (in)	Size (cm)	Volume (l)	Weight (kg)	Inserts
4'7 x 15.7"	140 x 40	26.8 L	3.1	YES

HD foam carbon composite

Peel ply deck finish

Twin tracks
Full depth carbon tuttle



Tuttle only

Tuttle + twin tracks

77228-0301

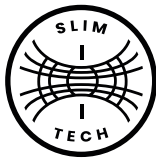
77228-0302

POCKET

Freeride - Carving

Key points

- Easy to handle
- Great carving potential
- Bulletproof Construction



ACCESSIBILITY

FREERIDE

CARVING

PERFORMANCE

Size (in)	3'11 x 18.1"	4'3 x 18.5"	4'9 x 19.6"
Size (cm)	120 x 46	130 x 47	145 x 50
Volume (l)	9.8	10	11
Weight (kg)	3.3	3.7	4.1
Strap inserts	YES	YES	YES

77228-0101



POCKET CARBON

Freeride - Carving



Key points

- Versatile and rigid, ideal for freeride and freestyle
- Lightweight
- Bulletproof construction



ACCESSIBILITY



FREERIDE



CARVING



PERFORMANCE



Size (in)	3'7 x 17.3"	3'11 x 18.1"	4'3 x 18.5"
Size (cm)	110 X 44	120 x 46	130 x 47
Volume (l)	8.7	9.8	10
Weight (kg)	2.7	2.8	2.9
Strap inserts	-	OUI	OUI

77228-0102



POCKET CARBON CUSTOM

Freeride - Carving - Performance



Key points

- Amazing performances in carving and freestyle
- Superior rigidity
- Light and responsive



ACCESSIBILITY



FREERIDE



CARVING

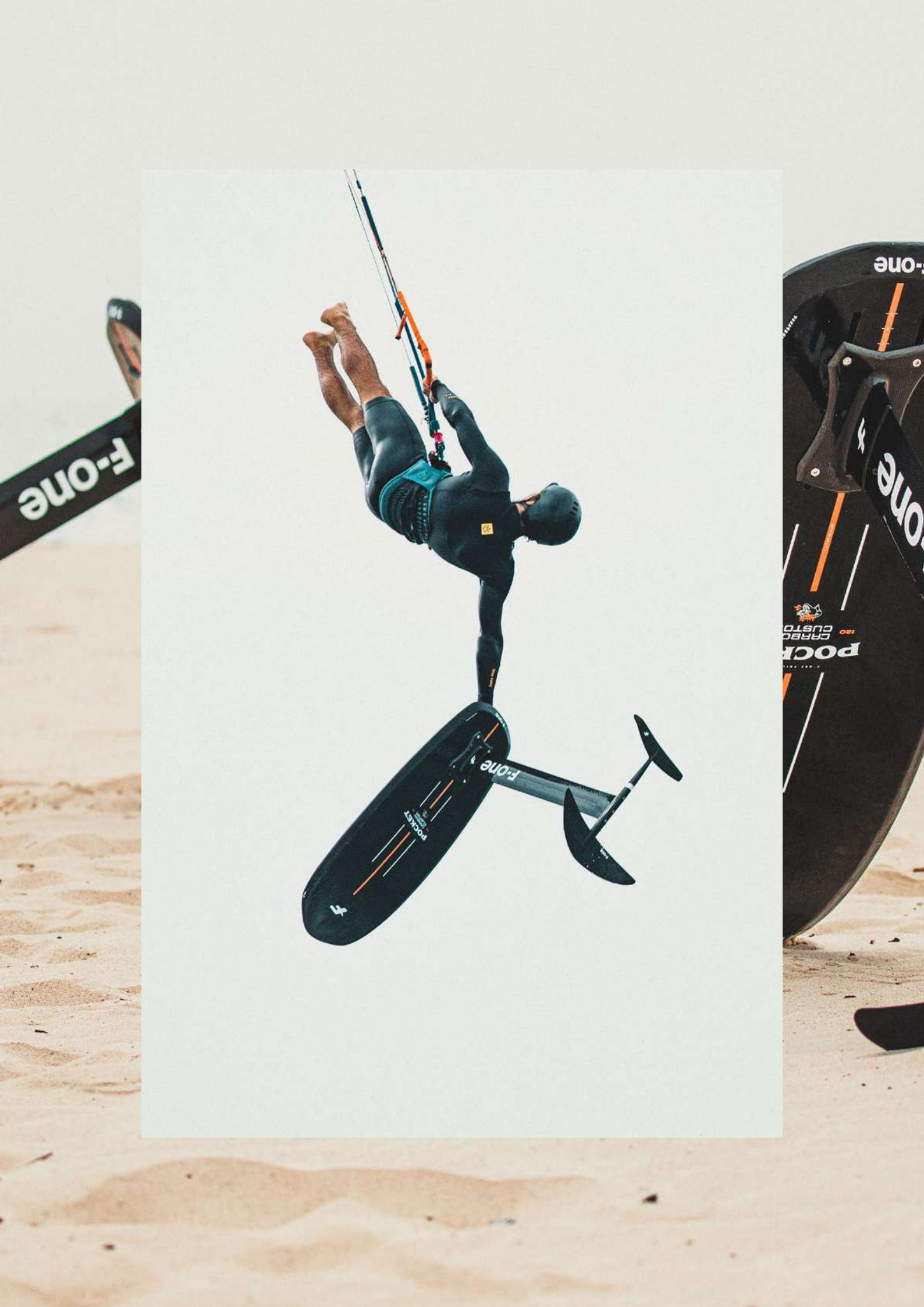


PERFORMANCE



Size (in)	3'6" x 17.7"	3'9" x 18"	4'2" x 18.5"
Size (cm)	110 x 45	120 x 46	130 x 47
Volume (l)	15	16.8	18.6
Weight (kg)	2.4	2.7	2.9
Strap inserts	-	YES	YES

77228-0201



PRO RACE CARBON

Race



Key points

- Pro competition shape
- Carbon construction



ACCESSIBILITY



FREERIDE



SPEED



PERFORMANCE



Size (in)	4'7 x 15.7"	4'7 x 15.7"
Size (cm)	140 X 40	140 X 40
Volume (l)	26.8	26.8
Weight (kg)	3.1	3.0
Strap inserts	YES	YES

TUTTLE ONLY

77228-0301

TUTTLE + TWIN TRACKS

77228-0302



V-STRAPS FOILBOARD



EQUIPPED WITH

M6 SCREWS

77228-8001

RECOMMENDED FOR
POCKET & POCKET CARBON

SELF TAPPING SCREWS

77228-8002

RECOMMENDED FOR
POCKET CARBON CUSTOM

SURF STRAPS



EQUIPPED WITH

SELF TAPPING SCREWS

77224-8004



Kitefoil hydrofoils

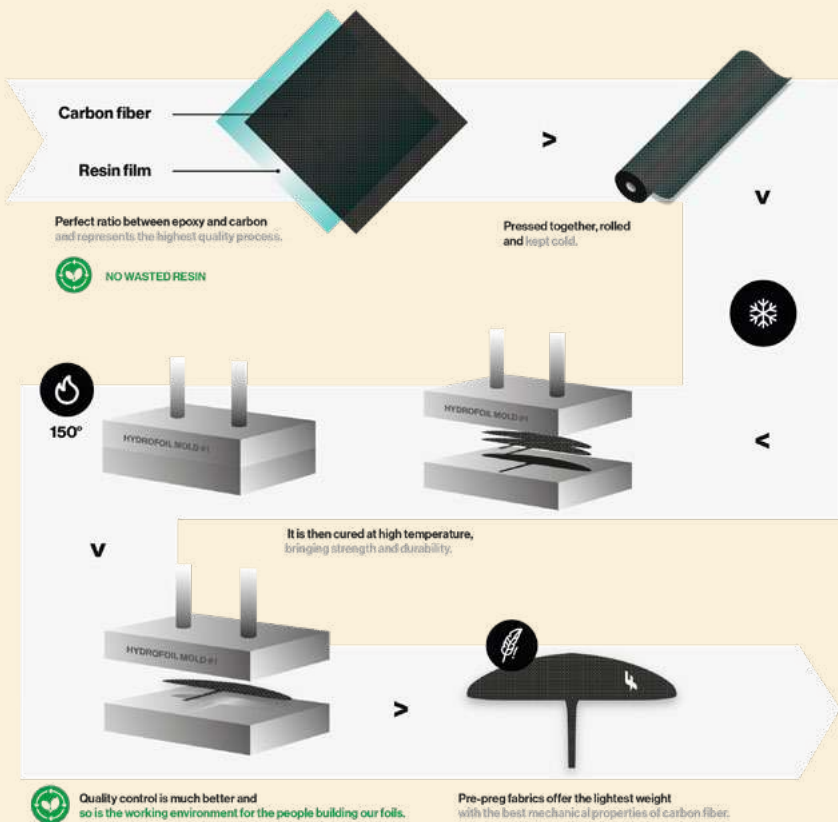
Hydrofoils technologies
Kitefoil Hydrofoil
Stabs - Kitefoil
Fuselages - Kitefoil
Masts & Spare parts



PrePreg technology

Pre-preg makes the foils stiffer and stronger. With pre-preg fabrics, the carbon fiber is directly impregnated with epoxy resin by its manufacturer. This guarantees a perfect ratio between epoxy and carbon and represents the highest quality process. It is then cured at high temperature, bringing strength and durability.

Quality control is much better and so is the working environment for the people building our foils. Pre-preg fabrics offer the lightest weight with the best mechanical properties of carbon fiber.

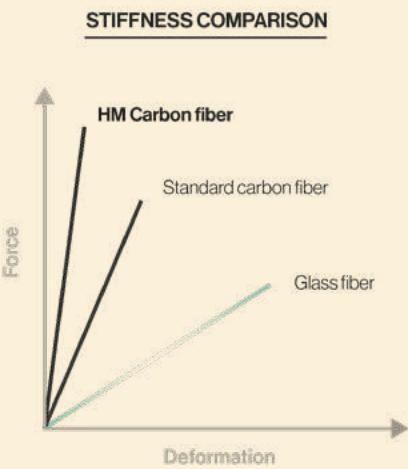
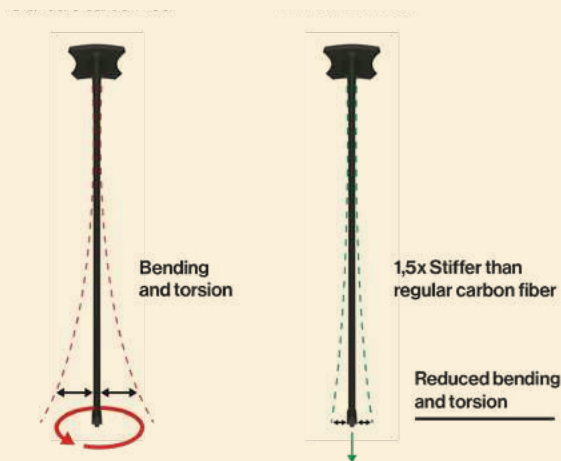


Featured in

- Escape

HM carbon construction

The High Modulus Carbon fiber layup is 1.5x stiffer than the regular carbon fiber used in other constructions. The percentage of high modulus fiber has been carefully adjusted to obtain the best stiffness in both bending and torsion while keeping enough comfort for any kind of practice.



Featured in

- Escape
- HM carbon mast 14

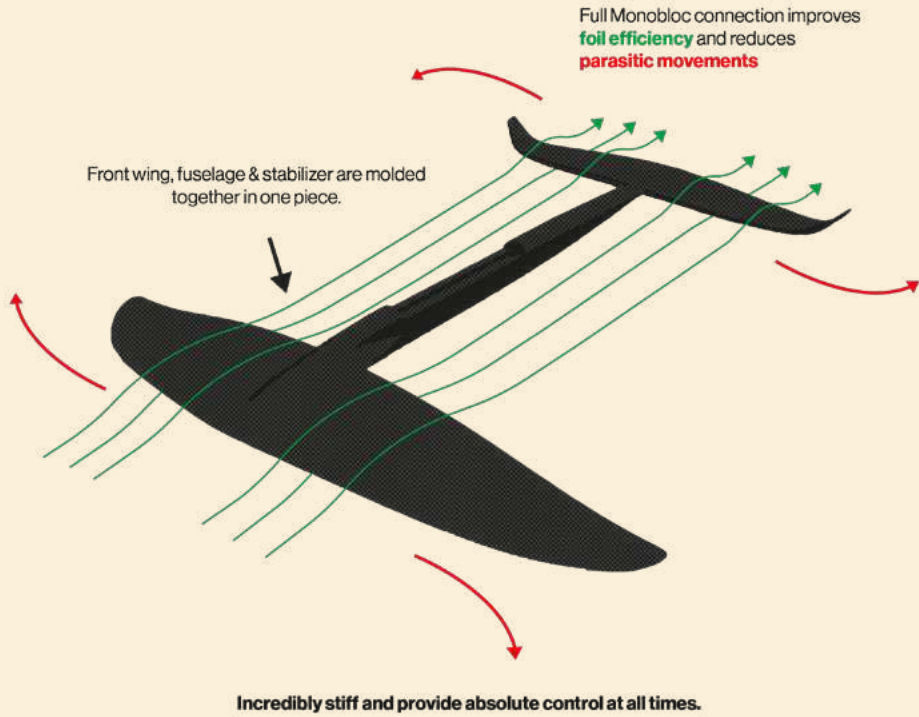
Full monobloc structure

The front wing, fuselage, and stabilizer are molded together, reducing hydrodynamic drag and offering a stiff and solid foil.

Having a stiff and solid assembly between all the parts of the foil is key to making it perform at its best as well as easy to handle.

The connection of the front wing with the fuselage is highly stressed and loaded, so it is one of the critical areas of the assembly in terms of structures. The Full Monobloc wings are molded together with the fuselage and stab, thereby removing the connection and the chances for unwanted and parasitic movements.

They are incredibly stiff and provide absolute control at all times, with the foil responding perfectly to all of the riders' input.



Featured in

- Escape

Monobloc structure

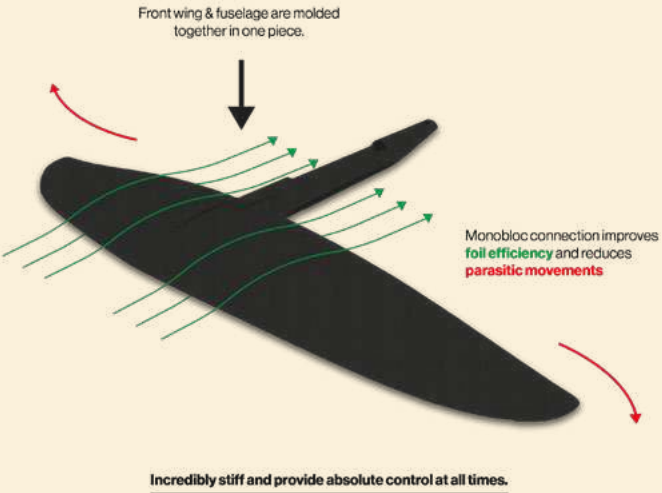
Having a stiff and solid assembly between all the parts of the foil is key to making it perform at its best as well as easy to handle.

The connection of the front wing with the fuselage is highly stressed and loaded, so it is one of the critical areas of the assembly in terms of structures.

The Monobloc wings are molded together with the fuselage in one shot, thereby removing the connection and the chances for unwanted and parasitic movements.

The structural fibers of the fuselage are spread into the wing to achieve the smoothest and lightest connection. It is also incredibly stiff and provides absolute control at all times, with the foil responding perfectly to all of the riders' input.

When the overall dimensions are too large for convenient transportation, a connection is set into the fuselage, behind the mast where the loads are smaller.

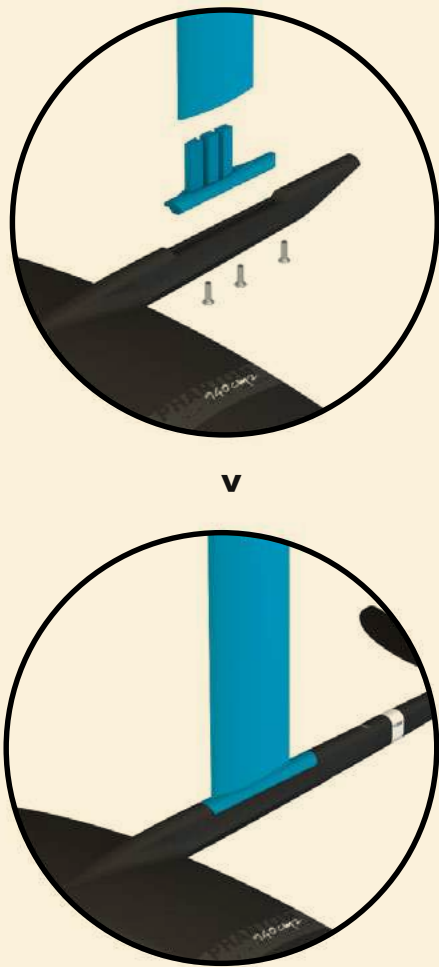


Featured in

- SK8

Titan connexion

The TITAN connection enables a very stiff and direct connection between the fuselage and the mast. Locking efficiently any movement in all directions, its format is compact which is hydrodynamically efficient and very easy to use, assemble, and disassemble.

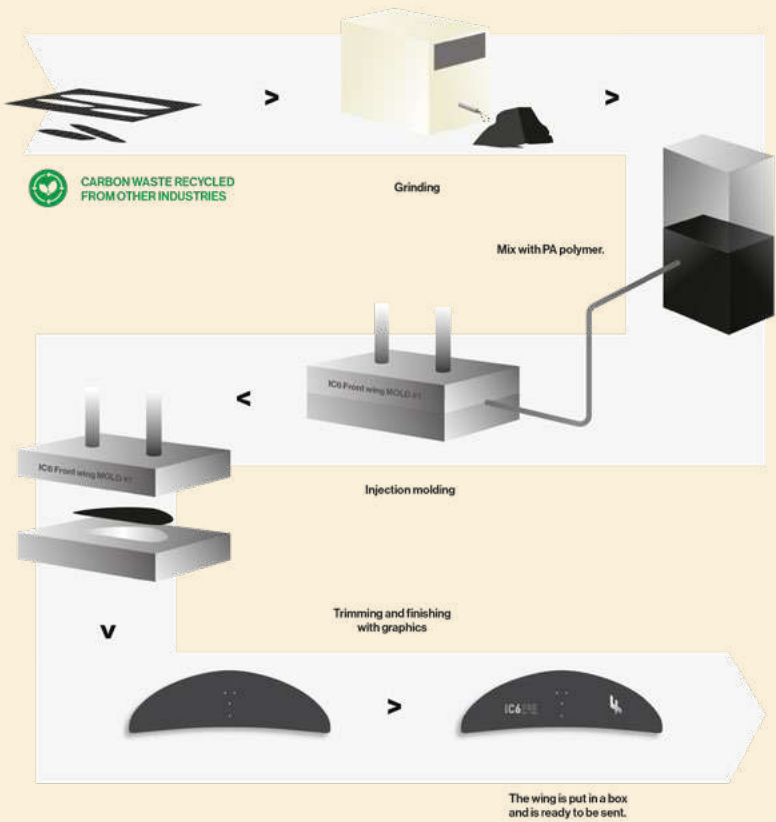


Featured in

- Escape
- SK8

Injected carbon technology

The IC6 technology consists of an injected polymer reinforced with carbon fibers. This material is very strong and shows some impressive mechanical properties making it particularly suited for parts subjected to high stresses and bending loads. The IC6 technology offers great resistance and stiffness with extreme durability.



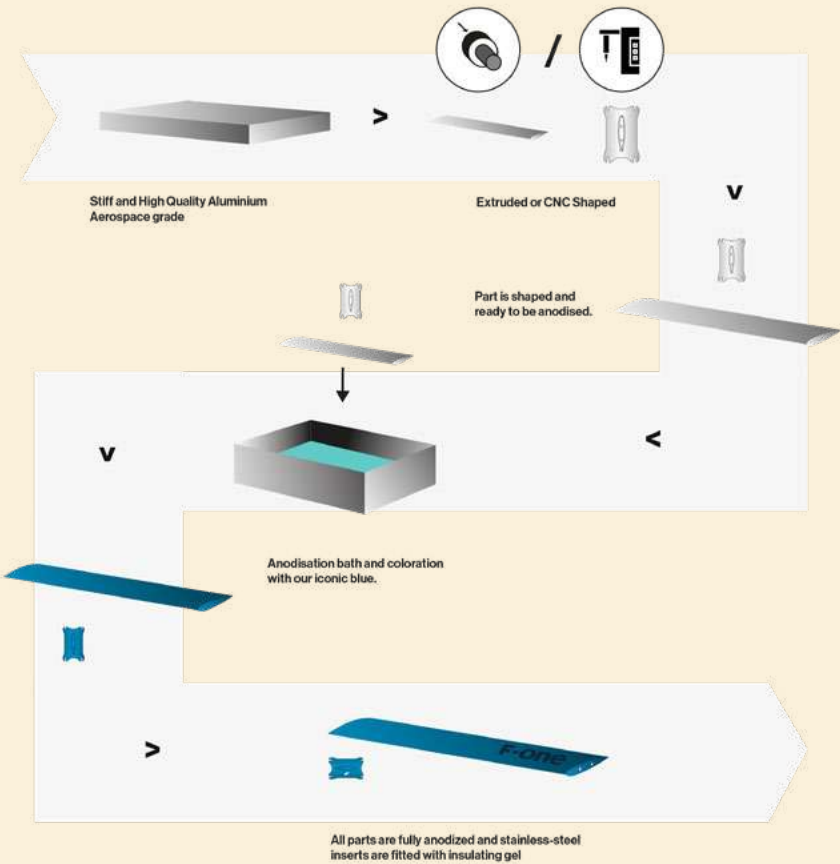
Featured in

- IC6 950 V3
- Stab IC6 300

Aluminium 6063 & 6061

Produced from an extrusion process, our aluminum profiles make the most of this homogeneous material to provide perfect stiffness both in torsion and bending. All areas in contact with other metals or carbon parts are duly isolated against galvanic reactions.

Machining blocks of aluminum 6061 guarantees the maximum accuracy and preserves the mechanical properties of this higher grade of aluminum. All parts are fully anodized and stainless-steel inserts are fitted with insulating gel when fastening is required.

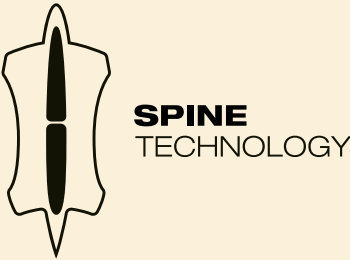


Featured in

- Alu mast
- Alu fuselage
- Alu spare parts

Spine technology

The SPINE internal structure of our carbon masts is made of a carbon shear web and high-density structural foam. The carbon shear web links the two sides of the mast. This internal stringer allows to obtain a better rigidity in flexion and torsion.



Featured in

- HM carbon mast 14
- Carbon Mast 16

ESCAPE

Speed - Carving



Area (cm²)	Span (cm)	Aspect ratio	KG
430	58	7.8	0.77
530	58	6.3	1.00
630	64	6.5	1.06

Recommended fuselage

-

Recommended stab

-

Glide

Maneuverability

Pumping

Low end

Speed

Plane

430	77237-0800
530	77227-0801
630	77227-0802

SK8

Surfing - Carving



Area (cm²)	Span (cm)	Aspect ratio	KG
550	67	8.2	0.78
650	72.5	8.1	0.89
750	77.5	8.0	1.03
850	82.5	8.0	1.09
950	87	8.0	1.20
1050	91.5	8.0	1.35

Recommended monobloc tail

550 - 650 - 750

XS 140 CARVING

850

XS 160 CARVING

950 - 1050

XXS 200 CARVING

Glide

Maneuverability

Pumping

Low end

Speed

550	77237-0151	850	77237-0154
650	77237-0152	950	77237-0155
750	77237-0153	1050	77237-0156

IC6 950 V.3

Freeride



Area (cm²)	Span (cm)	Aspect ratio	KG
965	65	4.4	1.33

Recommended fuselage

Alu fuselage 70

Recommended stab

Stab IC6

300 CM²

Glide

Maneuverability

Pumping

Low end

Speed

Plane

77207-0101

ESCAPE

Surf foil - Downwind

Key points

ASPECT RATIO 6.0

- Amazing glide and speed
- Control at high speed
- Unmatched rigidity
- Full Monobloc Carbon Construction

HM
HIGH MODULUS CARBON

FULL MONOBLOC
STRUCTURE

TITAN
CONNECTION



TAKE OFF



STABILITY



CARVING



PERFORMANCE



Area (cm²)	630	530	430
Span (cm)	64	58	58
Aspect Ratio	6.5	6.3	7.8
Weight (kg)	1.06	1	0.77

Plane

430	77237-0800	530	77227-0801	630	77227-0802
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SK8

Surfing - Carving

Key points

ASPECT RATIO 8.0

- Its outline makes it easy to turn and push hard during fast and controlled curves
- The subtle balance of the lobe between maneuverability and glide allows to surf freely while maintaining efficient pumping
- The wingtips' design is made to hit the foam and breach the wingtip without turbulence or cavitation
- Its unique speed makes it a perfect foil for surfing from offshore swells to the shore-break with a wing
- Our monobloc construction guarantees rigidity, durability, and extraordinary glide

HM

HIGH MODULUS CARBON



MONOBLOC
STRUCTURE



TITAN
CONNECTION



PRE PREG
TECHNOLOGY



Glide	Maneuverability		Pumping		Low end		Speed
<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
Area (cm²)	550	650	750	850	950	1050	1150
Span (cm)	67	72.5	77.5	82.5	87	91.5	96
Aspect ratio	8.2	8.1	8.0	8.0	8.0	8.0	8.0
Weight (kg)	0.78	0.89	1.03	1.09	1.20	1.35	1.46

Recommended monobloc tail

550 - 650 - 750 : XS 140 CARVING

850 : XS 160 CARVING

950 - 1050 - 1150 : XXS 200 CARVING
XS 160 CARVING

550 77237-0151

650 77237-0152

750 77237-0153

850 77237-0154

950 77237-0155

1050 77237-0156



IC6 950 V.3

Freeride

Key points

ASPECT RATIO 4.4

- Very user-friendly
- Versatile, intuitive, and predictable
- Large range of use



Area (cm²)	950
Span (cm)	65
Aspect Ratio	4.4
Weight (kg)	1.33

Recommended fuselage	Recommended stab
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Alu fuselage 70	Stab IC6 300
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FW reference

IC6 V.3 950	77207-0101
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STAB IC6 300



Area (cm²)	Span (CM)
300	42
Aspect ratio	KG
5.9	0.23

77207-0301



ALU FUSELAGE 70



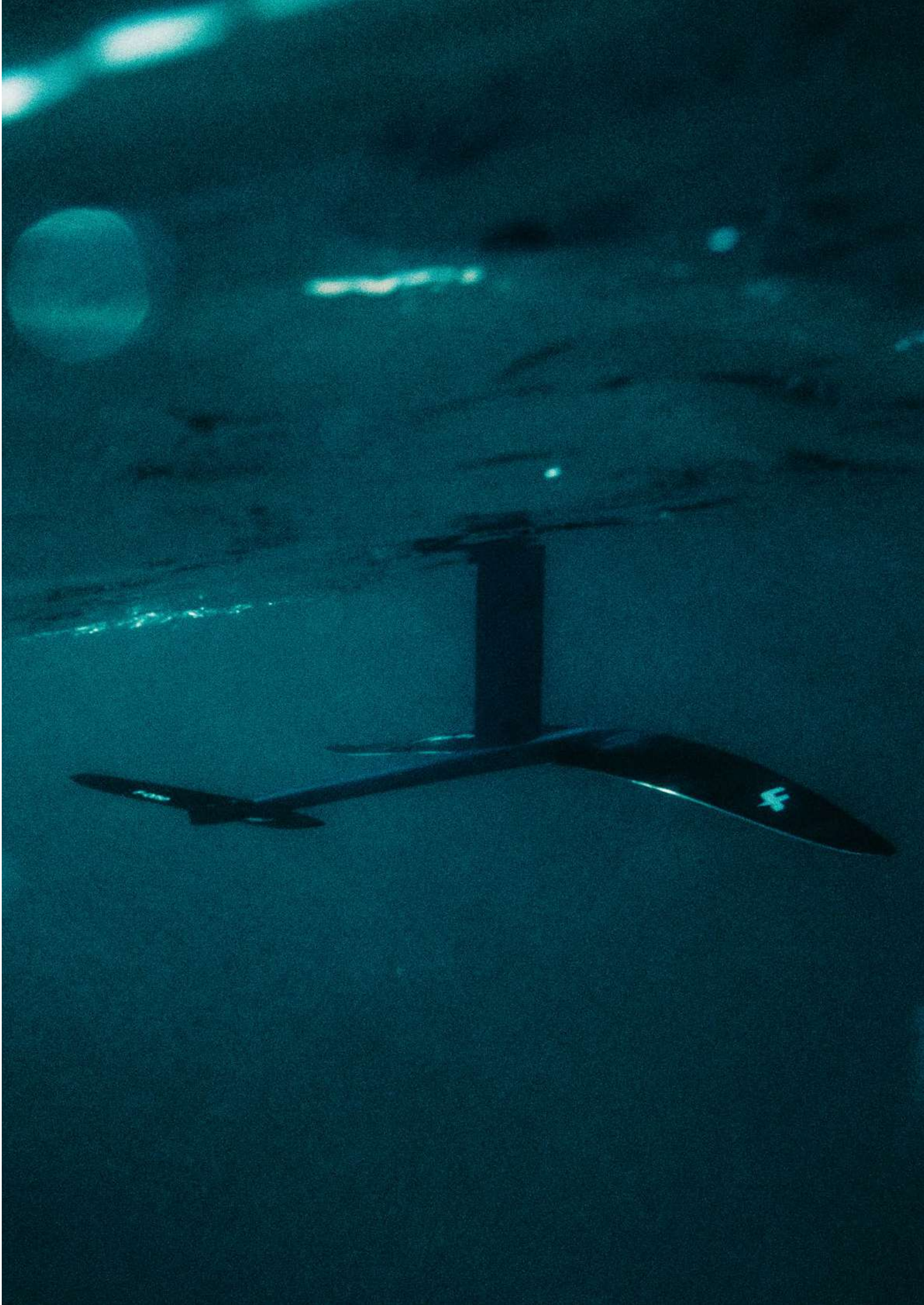
KG

0.86

Supplied with

4x M6-15mm + 4x M6-25mm tapered head screws (A4 - T30 torx)

77207-0201



MONOBLOC TAIL CARVING

Surfing - Carving



ASPECT RATIO 8.0

- Designed for experienced surf foilers and wing foilers
- Smaller surface area = more speed / Longer fuselage = greater stability
- New profile for balanced front/rear leg support



Area (cm²)	140	160	200
Fuselage	XS	XS	XXS
Span (cm)	30	33	37
Aspect ratio	6.4	6.8	6.8
Weight (kg)	0.22	0.24	0.27

Recommended hydrofoil

XXS 200 : SK8 (950 - 1050 - 1150)

XS 160 : SK8 (950 - 1050 - 1150)
XS 140 : SK8 (550 - 650 - 750)

XS 140 77247-0305
XS 160 77247-0306

XXS 200 77237-0323



CARBON MAST 16

Key points

- 16mm profile
- High rigidity for a more direct feel
- Full Monobloc construction
- Immediate feedback and connection
- Increased durability

All masts come with three separate covers to protect the mast itself, its top plate, and its TITAN mast foot.



CARBON MAST 16 80 CM	CARBON MAST 16 85 CM
77237-0701	77237-0702

HM CARBON MAST 14

Key points




- Ultra-thin 14mm profile
- Full Monobloc construction
- High Modulus Carbon layup
- High performance
- Increased rigidity




All masts come with three separate covers to protect the mast itself, its top plate, and its TITAN mast foot.








HM CARBON MAST 14 75 CM*	HM CARBON MAST 14 80 CM	HM CARBON MAST 14 85 CM	HM CARBON MAST 14 95 CM	HM CARBON MAST 14 105 CM
77237-0710	77237-0711	77237-0712	77237-0713	77237-0714

ALUMASTS





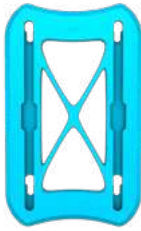
					
CM	KG	CM	KG	CM	KG
45	0.61	55	0.78	65	1.00
77207-0601		77207-0602		77207-0603	

					
CM	KG	CM	KG	CM	KG
75	1.16	85	1.35	95	1.56
77207-0604		77207-0605		77207-0606	

TOP AND BOTTOM PARTS

				
Mast top plate	Mast top tuttle	Mast top deep KF	Mast top KF	Titan mast foot
KG	KG	KG	KG	KG
0.43	0.46	0.29	0.42	0.16
77207-0401	77207-0404	77207-0403	77207-0402	77207-0200

ADAPTERS

				
KF plate adapter	KF plate adapter	Deep tuttle plate adapter	FCD mast foot adapter	4-PT mount foil adapter
KG	KG	KG	KG	KG
0.42	0.57	0.63	0.26	0.60
77207-0501	77207-0502	77207-0503	77207-0504	77227-0505

F-one

F-ONE SAS

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