

2025

Foil collection

FW CATALOGUE



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F-one

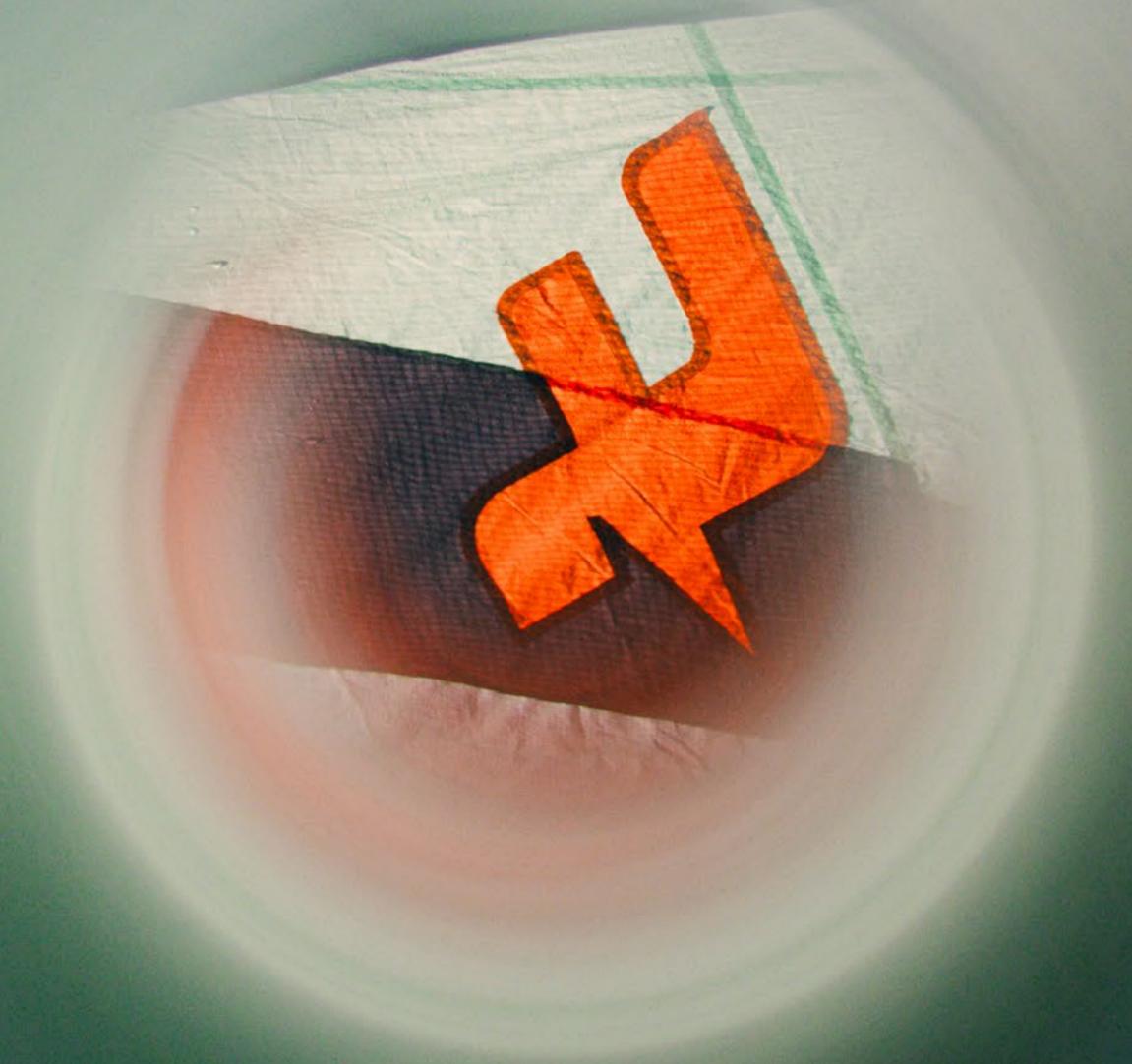


Summary

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What's new ?

Rocket Sup DW Pro Carbon - Comp
Carbon Boom - Strike V.4
Eagle X 600
Jam 1400



NEW ROCKET SUP DW PRO CARBON - COMP

Foil Board

The ROCKET SUP DW PRO CARBON COMP is made to go the distance with you. Perfect for long and extensive downwinds in the open seas or along the coasts, this new world-class downwind board was designed for maximum paddle speed and effortless glide.

- New shape and narrow width for a higher paddle speed and effortless glide
- Slim outline and stretched length for quick acceleration
- Instant release and easy take-offs thanks to a perfected hydrodynamic flow and unique double steps design on the hull
- Volume and design optimized for great stability
- Made for expert downwind riders



The ROCKET SUP DW PRO CARBON COMP is made to paddle fast and to take-off even faster, while still benefiting from superb stability. This board is also designed to catch fast swells while using smaller foils that require a slightly higher take-off speed.

With a narrower width and a slimmer outline, especially in the nose and tail, this board delivers a super smooth glide, crisp acceleration, great directional stability, and more responsiveness in flight; all leading to an effortless, high-performance downwind session.

The ROCKET SUP DW PRO CARBON COMP also benefits from a small step on the hull closer to the tail, on top of the one already present in front of the twin tracks as on our SUP DW PRO range. These two steps effectively reduce drag during take-off accelerations and touchdowns.

The second step, in conjunction with a higher kicktail to minimize tail-water contact during pumping, creates a clean break to channel the water flow at the back without generating excessive drag when in motion.

This board benefits from a HD Foam Carbon Composite construction. This light and stiff construction increases the board's maneuverability and results in an even more direct feel of the foil. Control is absolute throughout the entire downwind, even at high speeds.

Longer and narrower than any other board in our range, the ROCKET SUP DW PRO CARBON COMP is perfect for SUP foiling races, and for daring riders looking to go the extra mile on long open ocean crossings or in big, rolling swells.

NEW CARBON BOOM - STRIKE V.4

Winging



For those who need maximal freedom, the Carbon Boom lets you position your hands freely. It's the perfect option for freestyle. Connected to the wing's webbing by a hard base, this fixed boom enables an intuitive and committed ride with total control and precision, as well as an ergonomic handling and efficient pumping. Ultra-light and stiff, the boom is built in a pre-preg carbon oval tube and EVA grip. It also features EVA bumpers on all angles to protect both rider and gear from shocks.

Each Strike V.4 size is associated with a corresponding boom size.

NEW EAGLE X 600

Downwinding



Thanks to its remarkable low end, the EAGLE X won over a wide audience, and the demand for an even smaller surface area soon followed.

Based on the same DNA as its big sisters, the EAGLE X 600 is a speed demon. Developed for the best downwinders, it achieves higher v-max than the rest of the range. However, it retains an accessible low end, providing good comfort when downwinding, even in average conditions.

We recommend this new size to the most experienced riders, to wing foilers who want to go fast, or to smaller riders.

NEW JAM 1400

Pumping



Thanks to its easy low end, well-adjusted front/rear foot balance, and ability to accelerate and turn, many people use the JAM for several disciplines: dockstart, wing in light wind, SUP downwind, surf foil in small waves, etc.

The JAM quickly established itself as a versatile large-surface foil, which has prompted us to offer the 1400 cm². This JAM 1400 will be the perfect foil for experienced dockstart/pumping riders, for beginners in SUP downwind, for winging in light wind, and finally for surfing micro-swells in surf foil.

Wing foil

Wing technologies
Wings
Wingfoil boards technologies
Wingfoil boards



Sail Engineering



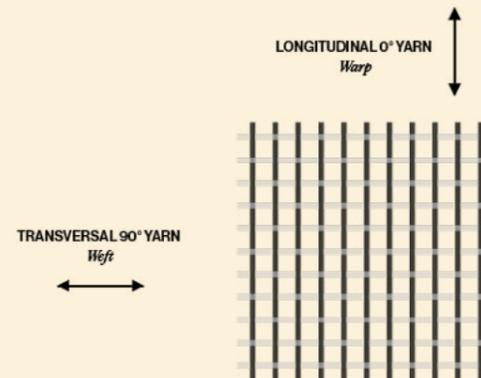
We have been designing kites since 1998 and wings since 2019. Over the years, we have learned that design and fabrics choice are only one step to building a disturbance-free kite or wing. The key is to analyze and understand load tensions to better control our design and its behavior while flying. That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

Featured in

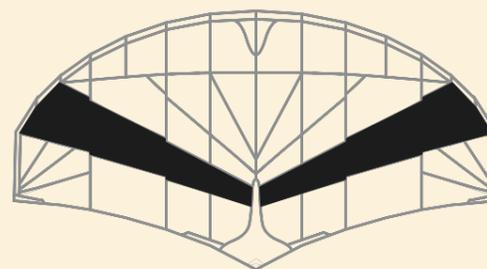
- Strike
- Origin
- Swing
- Strike CWC

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



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

Dacron

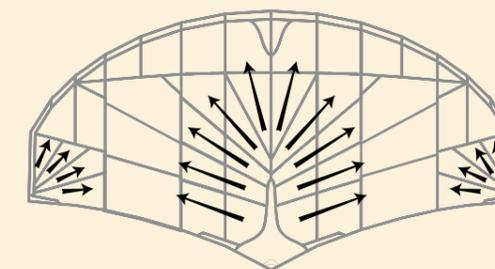


Canopy



Our sails feature five different cloth weights, from 52 up to 178gr/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 and wing.

Load control paneling / Radial cut



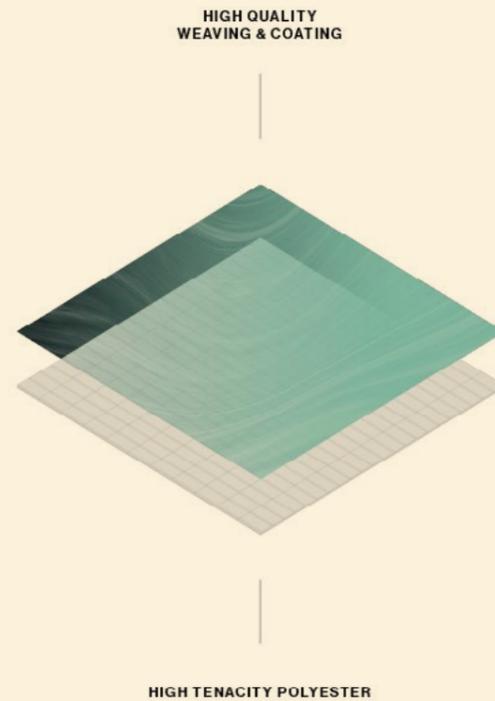
When engineering the load control paneling, we make sure that fabrics panels are warp/weft oriented, meaning that the load path runs through the yarns. Fabric and seams are then in the best position to receive tensions and maintain the original kite and wing shape.

Hitex

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

HITEX is an innovative, high tenacity polyester fiber with an enhanced high-quality weaving and coating that increases the fabrics' resistance. The 178g is a new weight and perfectly matches the needs of the wing's center strut and center of its leading edge. The lighter 158g is used in the leading edge tips.

Used throughout the inflatable structure of the wings and designed to handle the high pressures when inflating the wings, 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.



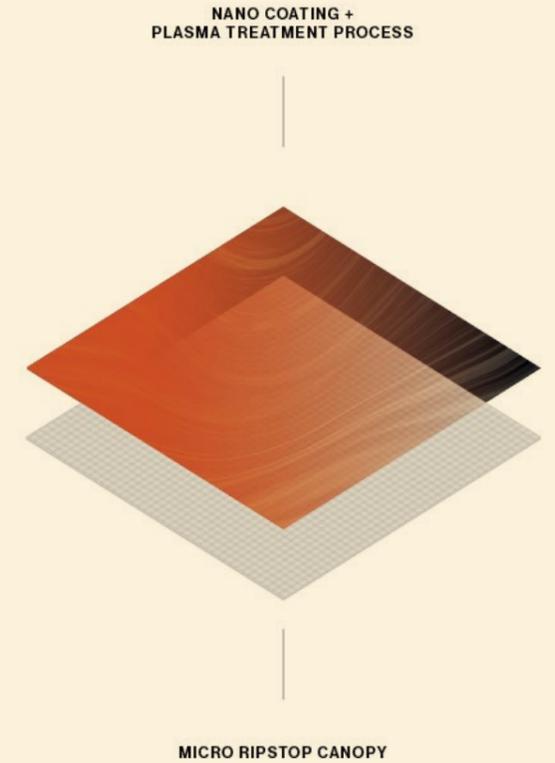
Featured in — Strike
Origin
Swing
Strike CWC

Nano canopy

This micro ripstop polyester 55g is used on the canopies of our SWING V3 and STRIKE CWC V3.

Wings 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 wing 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.

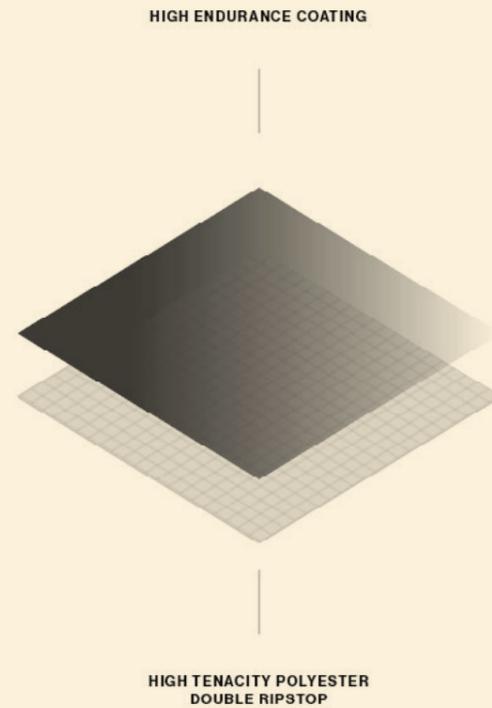


Featured in — Swing

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.



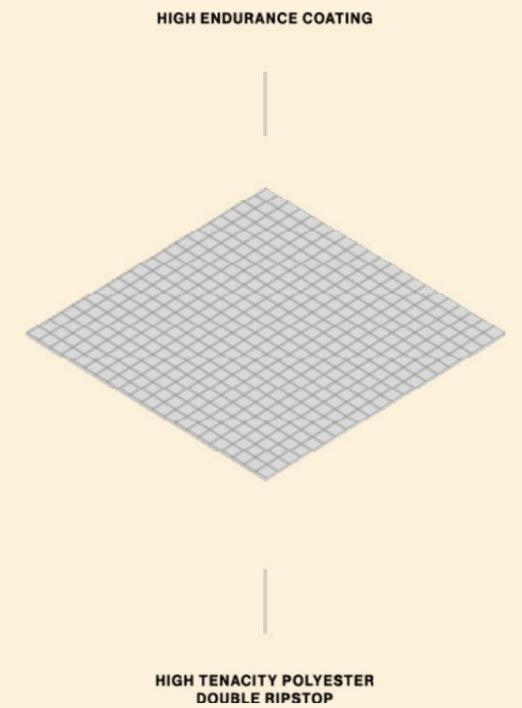
TECHNOFORCE™
Double Ripstop Fabric
TECHNOFORCE™ is the trademark of TEIJIN FRONTIER CO., LTD.
52g ——— x ——— **66g**

Featured in ——— Strike
Origin
Strike CWC

HT 80

The HT80 is a woven double ripstop high tenacity polyester that brings increased stability and allows a better control of the profile of the kite or the wing.

This material guarantees great resistance to elongation and tears, as well as increased durability overtime.



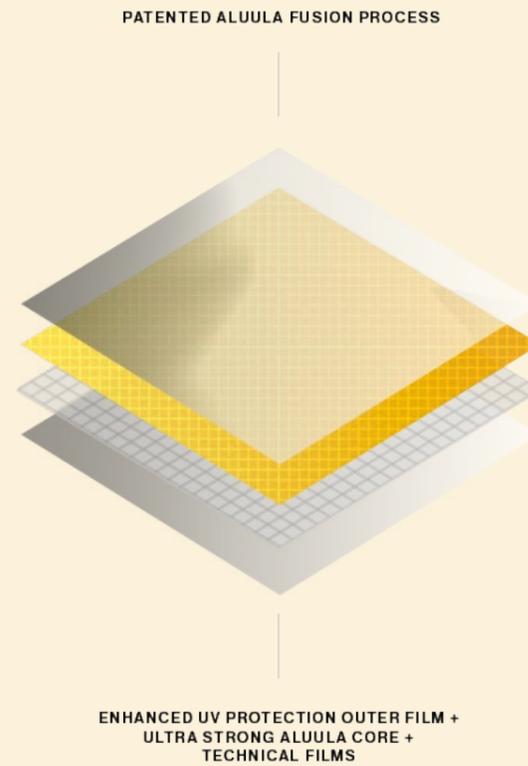
HT80
CANOPY

Featured in ——— Swing

ALUULA

The ALUULA Gold represents a pioneering category of composite material. This dacron benefits from an ultra-lightweight yet incredibly durable composition. Its unmatched strength-to-weight ratio allows for faster speeds, higher jumps, and greater maneuverability.

When strategically used to stiffen struts like in our STRIKE CWC, the ALUULA Gold ensures that the wing is lightweight, robust and long-lasting, while also enhancing performance and responsiveness on the water.



Featured in ——— Strike CWC



Wings

STRIKE

Freeride - Freestyle - Surf

77241-1001



Size (sqm)	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Wind (knots)	35+	30+	28-38	25-35	22-32	18-28	14-25	12-22

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



SWING

Freeride - Surf

77241-0801



Size (sqm)	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Wind (knots)	35+	30+	28-38	25-35	22-32	18-28	14-25	12-22

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



ORIGIN

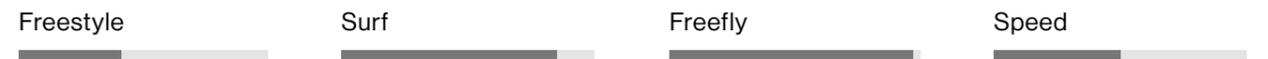
All-around / Freeride

77241-1101



Size (sqm)	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Wind (knots)	35+	30+	28-35	25-33	22-30	18-28	14-25	12-22

- A - Abyss / Flame
- B - Glacier / Flame
- C - Onyx / Glacier



STRIKE CWC ALUULA

Lightwind

77241-1002



Size (sqm)	6.0	7.0	8.0	9.0
Wind (knots)	09-20	08-20	06-15	06-14

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



HOW TO CHOOSE YOUR WING

WING

ORIGIN

SWING

STRIKE

STRIKE CWC

LEVEL

Beginner *Intermediate* *Advanced*

Progress bars for ORIGIN, SWING, STRIKE, and STRIKE CWC, showing varying levels of black fill from Beginner to Advanced.

DISCIPLINE

All-around / freeride *Surf / downwind* *Speed / freestyle*

Progress bars for ORIGIN, SWING, STRIKE, and STRIKE CWC, showing varying levels of black fill across the three disciplines.

STIFFNESS

Soft *Medium* *Stiff*

Progress bars for ORIGIN, SWING, STRIKE, and STRIKE CWC, showing varying levels of black fill from Soft to Stiff.

Less stiffness will provide more comfort:

- Easy pumping
- Forgiving and accessible
- Not too demanding physically

A softer wing will perform better on its low end / in lighter winds

More stiffness will provide better performances:

- Increased upwind angle
- Unmatched speed
- Better pop and hangtime.

A stiffer wing will perform better on its high end / in stronger winds.

STRIKE

Speed / Freestyle

SAIL ENGINEERING

HITEX
158 G 178 G

TECHNOFORCE™
Double Ripstop Fabric
TECHNOFORCE™ is the trademark of TILIA FRONTIER CO., LTD.
52g — x — 66g



Key points

- Optimized design for unprecedented performance
- HITEX and TECHNOFORCE materials for increased durability
- Perfect control of the profile and deformations to guarantee comfort throughout the entire wind range
- Unmatched speed and power delivery
- Impressive pop, hangtime, and upwind performances
- Intuitive pumping for easy planing starts
- Equipped with our new interchangeable handle system



Freestyle	Surf			Freely			Speed	
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Size (sqm)	35+	30+	28-38	25-35	22-32	18-28	14-25	12-22
Wind (knots)								

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

77241-1001



SWING

Surf / Downwind

Key points

- Compact design for lightness and maneuverability
- Intuitive and efficient take-offs
- Impressive balance and stability to make the most of the waves
- Smooth and controlled ride, without any big accelerations or excessive speed for an effortless ride
- HITEX, NANO and HT80 for increased durability
- Equipped with our new interchangeable handle system

SAIL ENGINEERING

HT80

CANOPY

HITEX

158 G 178 G

NANO

CANOPY



Freestyle	Surf			Freefly			Speed	
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Size (sqm)								
Wind (knots)	35+	30+	28-38	25-35	22-32	18-28	14-25	12-22

● A - Onyx / Mint

● B - Mint / Onyx

77241-0801



ORIGIN

All-around / Freeride

Key points

- An accessible, light, and forgiving wing
- Legendary pumping and easy take-offs
- Optimized design for extra lightness and comfort
- Impressive freestyle abilities in light wind
- Equipped with our new interchangeable handle system

SAIL ENGINEERING

TECHNOFORCE™
 Double Ripstop Fabric
TECHNOFORCE™ is the trademark of TILIN FRONTIER CO., LTD.
 52g ——— 66g

HITEX
 158 G



	Freestyle		Surf			Freestyle		Speed		
Size (sqm)			2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5
Wind (knots)			35+	30+	28-35	25-33	22-30	18-28	14-25	12-22

● A - Abyss / Flame ● B - Glacier / Flame ● C - Onyx / Glacier

77241-1101



STRIKE CWC ALUULA

Lightwind

Key points

- Optimized design for perfect balance in flight and new forward traction
- ALUULA on all three struts for greater lightness, strength, and performance
- HITEX and TECHNOFORCE for increased durability
- Intuitive pumping for easy planing starts
- Equipped with our new interchangeable handle system
- The quintessential light-wind weapon

SAIL ENGINEERING

TECHNOFORCE™
Double Ripstop Fabric
TECHNOFORCE™ is the trademark of TILWIN FRONTIER CO., LTD.
52g ——— 66g

HITEX
158 G

ALUULA
COMPOSITES



	Freestyle	Lightwind	Freely	Speed	
Size (sqm)		6.0	7.0	8.0	9.0
Wind (knots)		09 - 20	08 - 18	06 - 15	06 - 14

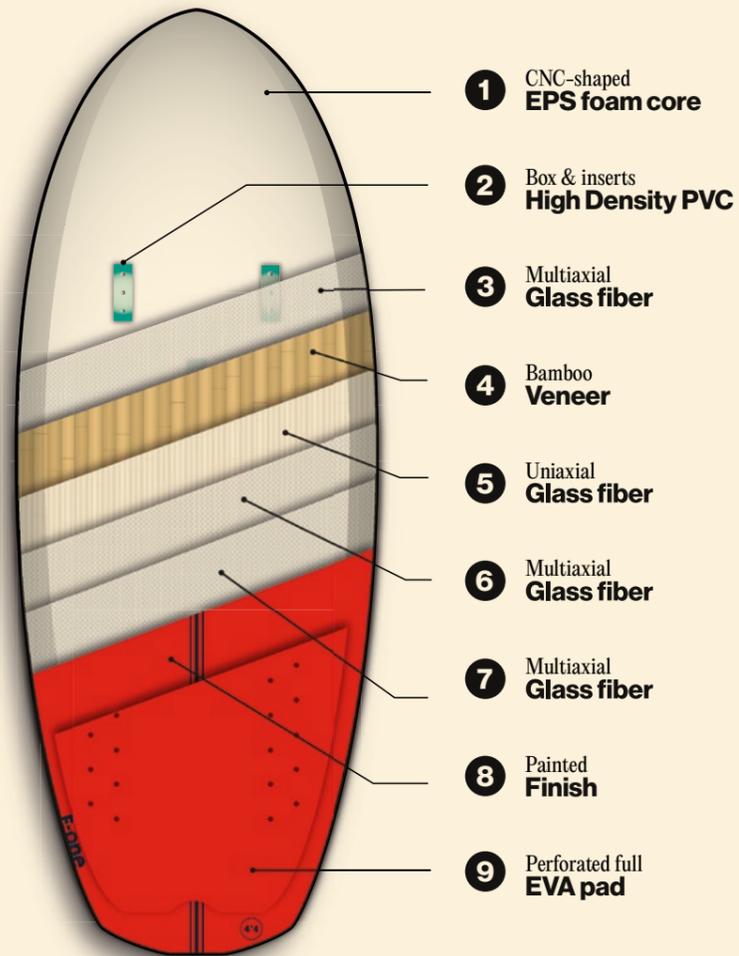
● A - Onyx / Flame ● B - Mint / Onyx

77241-1002



Full bamboo construction

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).

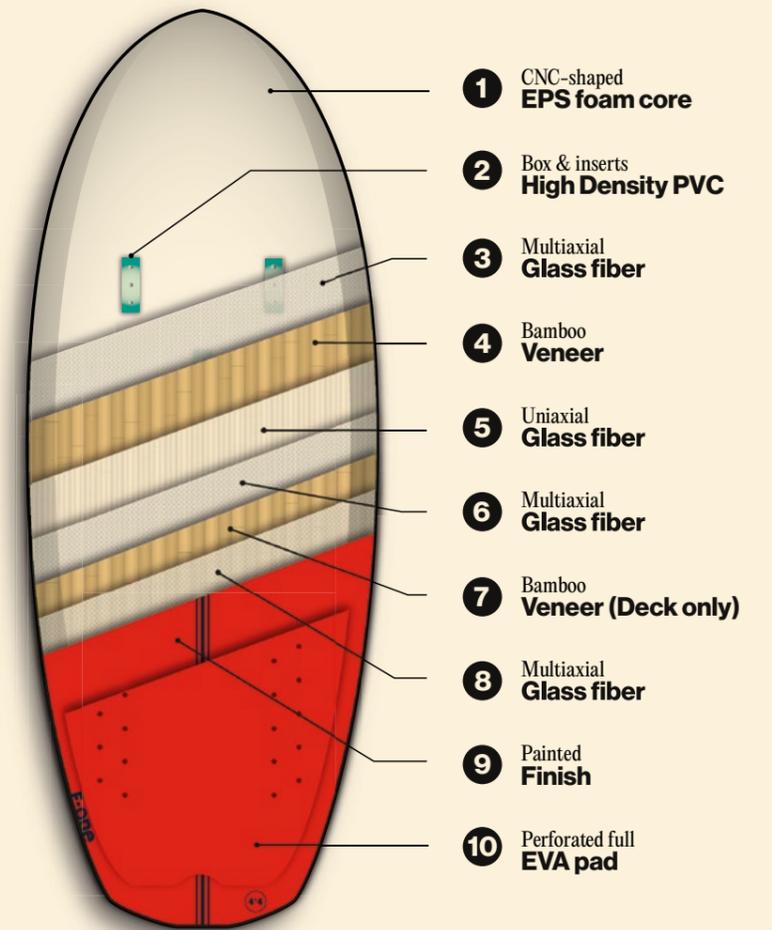


Featured in ——— Rocket wing
 Rocket wing S
 Rocket surf



Double bamboo deck

An extra layer of bamboo (Double Bamboo Deck) is located in the stance area to make the deck even more resistant to local heel pressures and dings. This results in light, strong and responsive boards to enjoy session after session.

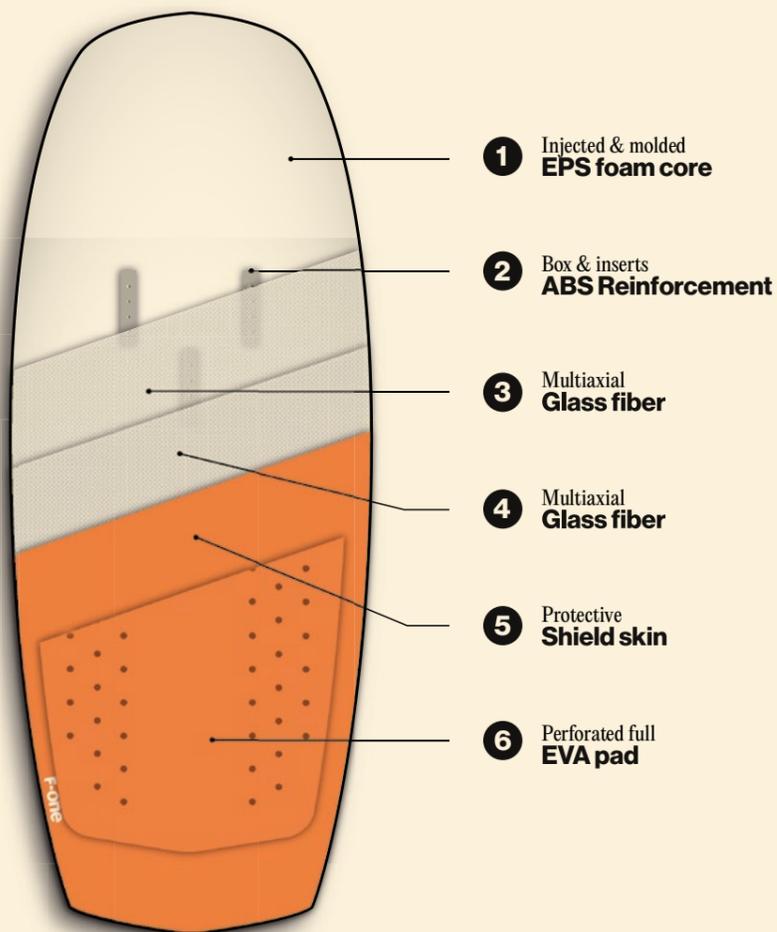


Featured in ——— Rocket wing
 Rocket wing S
 Rocket surf



Air Shield Composite

The Air Shield Composite boards are constructed around a lightweight injected EPS core molded to our original shape. It is laminated with a composite made of high-strength glass fiber, epoxy resin and a shield made of a high-quality protective topsheet layer. The topsheet is a tough and extremely reliable material also used in the construction of our twin-tips boards as well as in most skis and snowboards on the market. Thanks to their construction molded in one shot, the ASC boards are lightweight, responsive, and extremely durable.



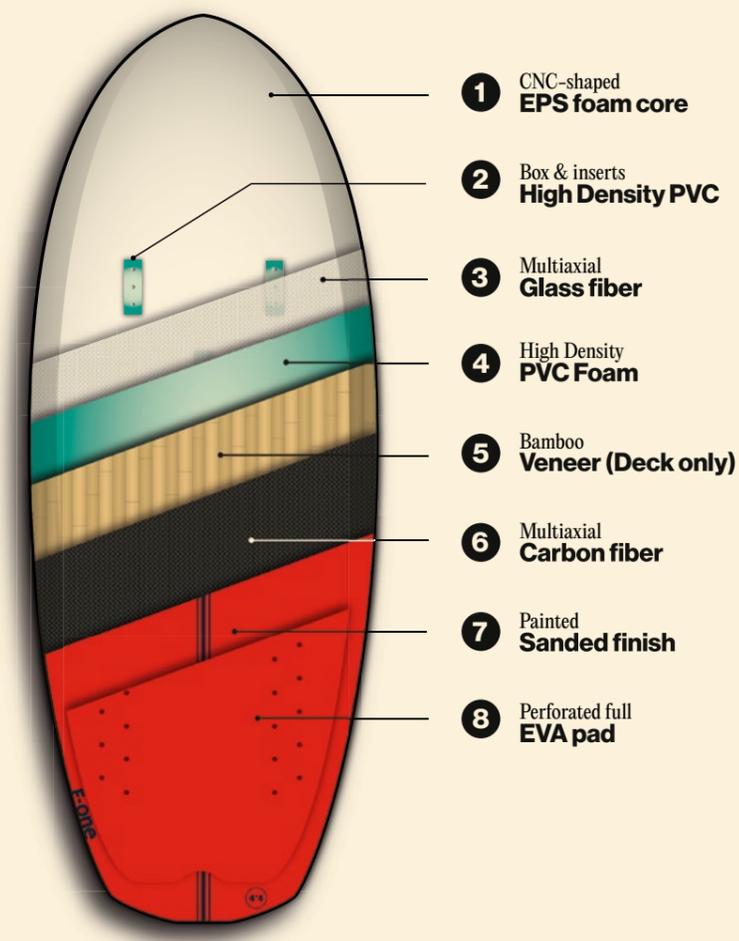
Featured in ——— Rocket wing ASC



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.

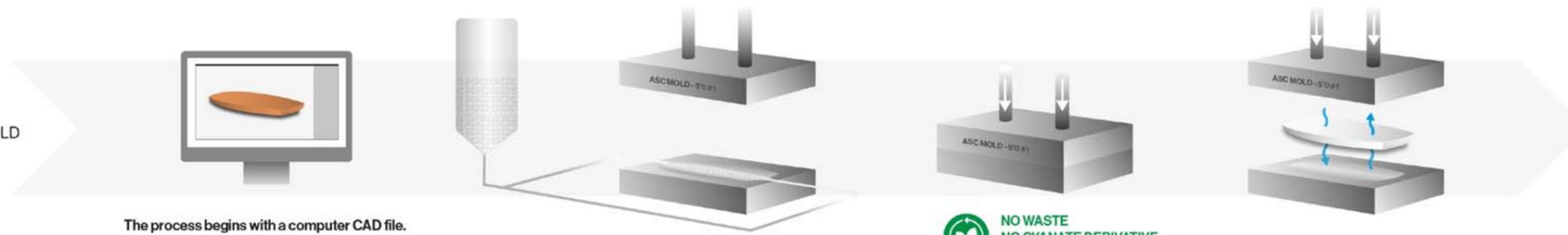


Featured in ——— Rocket wing carbon
 Rocket wing S carbon
 Rocket SUP Downwind PRO carbon
 Rocket SUP DW Pro Carbon - Comp



Air Shield Composite process

1
EPS BLOWING
THE EPS BLANK IS BLOWN IN A ALUMINIUM MOLD SPECIFIC TO THE SHAPE



The process begins with a computer CAD file.

Computer controlled quantity of EPS balls
No waste and consistent density

NO WASTE
NO CYANATE DERIVATIVE
(MDI/TDI)

Steam moves equally through all the foam.
The blank is ready to use in the next steps without additional processing.
No need for shaping or finishing.

2
LAMINATION
THE EPS BLANK IS LAID UP WITH CLOTH AND EPOXY RESIN



Inserts, US rails, leash plug and handle added before pressing and lamination.

Computer controlled mix and quantity of resin is poured onto the cloth.
Epoxy resin is stronger than traditional resin.
Releases up to 75% less volatile compounds.

EXCESS CLOTH IS RECYCLED
NO WASTED RESIN

Multi-axial cloth is cut to size and wrapped around the blank.

Topsheets with graphics are included for deck and bottom.

3
PRESSING
THE BOARD IS PRESSED IN A SECOND SPECIFIC MOLD.



A second aluminium mold specific to the model and size is used for pressing.

The graphic sheet is trimmed off and edges sanded smooth.
Trimmed topsheet is recycled.

EXCESS SHEET IS RECYCLED.

Rails are painted.

The full foam pad is glued on the finished board.

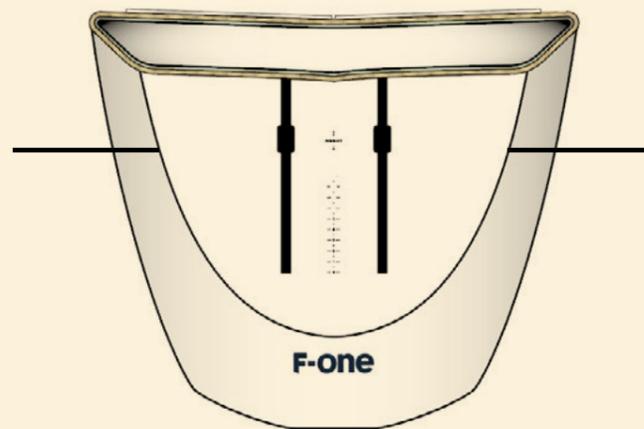
The board is put in a box and is ready to be sent.

BOXES ARE RECYCLED, BLEACH FREE AND SLIM FIT FOR LOW FOOTPRINT SHIPPING.

Beveled rails

Beveled rails on foil boards reduce the width of the hull compared to the deck. This reduces the friction when the board touches the water and helps with touchdowns.

They are small flat lateral sections in V shapes, which allows us to reduce the thickness of the rail in certain sections. They also reduce the planing surface of the board which therefore reduces drag. The combination of a wider deck and narrower hull allows the board to be stable in touchdowns and on the water, while getting a better angle into the turns and a faster take-off.



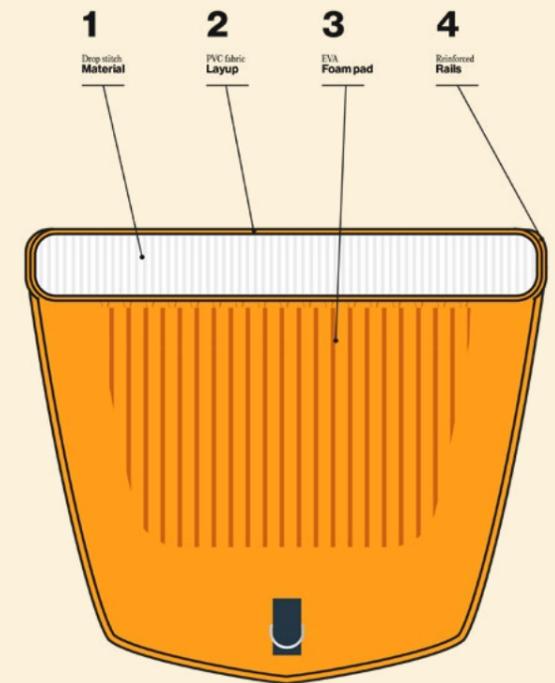
Featured in

- Rocket wing
- Rocket wing carbon
- Rocket wing - S
- Rocket wing - S carbon
- Rocket surf
- Rocket SUP
- Rocket SUP downwind PRO
- Rocket SUP downwind PRO carbon
- Rocket Midlength
- Rocket SUP DW Pro Carbon - Comp

Dropstitch technology

The Dropstitch is an incredible technology originally developed to make inflatable rescue airplanes! Later on, it was used by inflatable boat and canoe manufacturers. It is composed of a vertical stitch in-between the deck and the hull that keeps them parallel and extremely rigid. This allows the boards to be inflated up to 21 PSI.

NOTE: Some boards may show a larger or smaller bulge on the hull around the inflation valve, or at the mast foot for the windsurf boards. This bulge is inherent to the Dropstitch technology used in the manufacturing process of your board and doesn't constitute a defect. It also does not affect in any way the behavior and reliability of your board.



Featured in

- Rocket AIR RIB



4 - PT Foil mount

The 4-point foil mount is a waterproof box for inflatable boards, connecting the deck with the hull. It provides a rigid connection between your feet and the foil. The bolt spacing is our standard 160x90mm.

Waterproof box

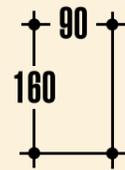
Connected to the deck

4 x M6 – 15mm tapered head

A 4-pt foil mount adapter is also available for purchase.



Featured in  Rocket air



4-pt FOIL MOUNT
DISTANCE 160x90 mm
M6 INSERTS





ROCKET MIDLNGTH

Freeride / Downwind / Lightwind / Surf



Size (in)	Size (cm)	Volume (l)	Inserts
5'8 x 19.0"	172.7 x 48.3	78L	Yes
5'10 x 20.0"	177.8 x 50.8	90L	Yes
6'0 x 21.0"	182.9 x 53.3	105L	Yes
6'2 x 22.0"	188.0 x 55.9	120L	Yes

Bamboo deck construction

Accessibility



Lightwind



Freestyle



Carving



77248-0701

Wingfoil boards

ROCKET WING

Freeride



Size (in)	Size (cm)	Volume (l)	Inserts
4'4 x 21"	132 x 53.5	47 L	Yes
4'6 x 21.75"	137 x 55	52 L	Yes
4'8 x 22.5"	142 x 57	58 L	Yes
5'0 x 23.5"	152.5 x 60	70 L	Yes
5'3 x 25"	160 x 63.5	85 L	Yes
5'5 x 27"	165 x 68.5	100 L	Yes
5'10 x 28"	178 x 71	115 L	Yes
6'2 x 30.5"	188 x 77.5	140 L	Yes

Full bamboo construction
Double bamboo deck

Accessibility

Freeride

Freestyle

Carving

77248-0501

ROCKET WING CARBON

Freeride - freestyle



Size (in)	Size (cm)	Volume (l)	Inserts
4'4 x 21"	132 x 53.5	47 L	Yes
4'6 x 21.75"	137 x 55	52 L	Yes
4'8 x 22.5"	142 x 57	58 L	Yes
5'0 x 23.5"	152.5 x 60	70 L	Yes
5'3 x 25"	160 x 63.5	85 L	Yes

HD Foam carbon composite

Accessibility

Freeride

Freestyle

Carving

77248-0502

ROCKET WING - S

Surf - freeride



Size (in)	Size (cm)	Volume (l)	Inserts
3'6 x 17.5"	112.5 x 44.5	20 L	Yes
3'10 x 18.5"	118.5 x 47	24 L	Yes
4'2 x 19.5"	127 x 49.5	32 L	Yes
4'4 x 20"	132 x 51	36 L	Yes
4'6 x 20.5"	138.5 x 52	42 L	Yes
4'6+ x 21.5"	138.5 x 54.5	50 L	Yes
4'8 x 21.5"	142 x 54.5	48 L	Yes
4'8+ x 22.5"	142 x 57	58 L	Yes
4'10 x 22.25"	147 x 56.5	54 L	Yes
5'0 x 22.75"	152 x 58	60 L	Yes
5'2 x 24.25"	157 x 61.5	70 L	Yes
5'4 x 26"	162.5 x 66	80 L	Yes

Full bamboo construction
Double bamboo deck

Accessibility

Freeride

Freestyle

Carving

77248-0601

ROCKET WING - S CARBON

Surf - freeride - freestyle



Size (in)	Size (cm)	Volume (l)	Inserts
4'2 x 19.5"	127 x 49.5	32 L	Yes
4'4 x 20"	132 x 51	36 L	Yes
4'6 x 20.5"	138.5 x 52	42 L	Yes
4'6+ x 21.5"	138.5 x 54.5	50 L	Yes
4'8 x 21.5"	142 x 54.5	48 L	Yes
4'8+ x 22.5"	142 x 57	58 L	Yes
4'10 x 22.25"	147 x 56.5	54 L	Yes
5'0 x 22.75"	152 x 58	60 L	Yes
5'2 x 24.25"	157 x 61.5	70 L	Yes
5'4 x 26"	162.5 x 66	80 L	Yes

HD Foam carbon composite

Accessibility

Freeride

Freestyle

Carving

77248-0602

Wingfoil boards

ROCKET WING ASC

Freeride



Size (in)	Size (cm)	Volume (l)	Inserts
5'0 x 23"	152.5 x 58.5	60 L	Yes
5'3 x 25"	160 x 63.5	75 L	Yes
5'5 x 27"	165 x 68.5	90 L	Yes
5'10 x 29"	178 x 73.5	110 L	-
6'2 x 31"	188 x 79	130 L	-

Air shield composite

Full pad

Twin Tracks

Strap inserts for sizes below 5'5 (included)

4x T-nut 4x M6-14mm TH screws



5'0	77218-1105	5'10	77208-1101
5'3	77218-1104	6'2	77218-1100
5'5	77218-1103		

RIB

Add-On



Size (in)	Size (cm)	Volume (l)	Weight (kg)
44 x 26"	133 x 67	43 L	2.6
4'8 x 27"	143 x 69	50 L	3.0
5'0 x 28"	153 x 72	53 L	3.2
5'5 x 29"	166 x 74	59 L	3.6

Drop Stitch

Valve + Leash ring + 2x Handles

Board compatible :
 Pocket / Pocket Carbon / Pocket Carbon Custom
 44 x 26" : Pocket 110
 4'8 x 27" : Pocket 120
 5'0 x 28" : Pocket 130
 5'5 x 29" : Pocket 145



77248-1201

ROCKET AIR

Surf foil - wing foil - SUP foil - wind foil



Size (in)	Size (cm)	Volume (l)	Weight (kg)	Surf foil	Wing foil	Wind foil
4'10 x 22	152 x 56	75 L	3.9	Yes	Yes	-
5'4 x 25	163 x 63	90 L	4.9	Yes	Yes	-
5'10 x 29	178 x 73	125 L	5.7	-	Yes	-
6'6 x 30	193 x 76	140 L	6.2	-	Yes	-
7'2 x 30	218 x 76	168 L	7.4	-	Yes	Yes
7'6 x 31	227 x 78	185 L	8.3	-	Yes	Yes
7'11 x 34	242 x 85	190 L	8.6	-	Yes	Yes

Full pad for all sizes

From 5'4 to 6'2 : 4-pt Insert
 For 7'2 only : 4-pt Insert + 2x US box + 3x Soft Fins
 From 7'6 to 7'11 : 4-pt Insert + 2x US box + 3x Soft Fins + M8 mast insert

From 5'4 to 6'6 : 4x M6 - 15mm tapered head screws
 From 7'2 to 7'11 : 4x M6 - 15mm tapered head screws + 2x FINS Mango with screws & nuts



77218-1001

ROCKET MIDLNGTH

Freeride / Downwind / Lightwind / Surf



Key points

- Best all-around board in our range
- Innovative shape for enhanced performance, optimized glide, and maximum stability
- Light bamboo construction for a very direct feel
- Size range adapted to all levels and conditions



Accessibility

Lightwind

Freestyle

Carving

Size (in)

Size (cm)

Volume (l)

Inserts

5'8 x 19.0"

172.7 x 48.3

78L

Oui

5'10 x 20.0"

177.8 x 50.8

90 L

Oui

6'0 x 21.0"

182.9x53.3

105 L

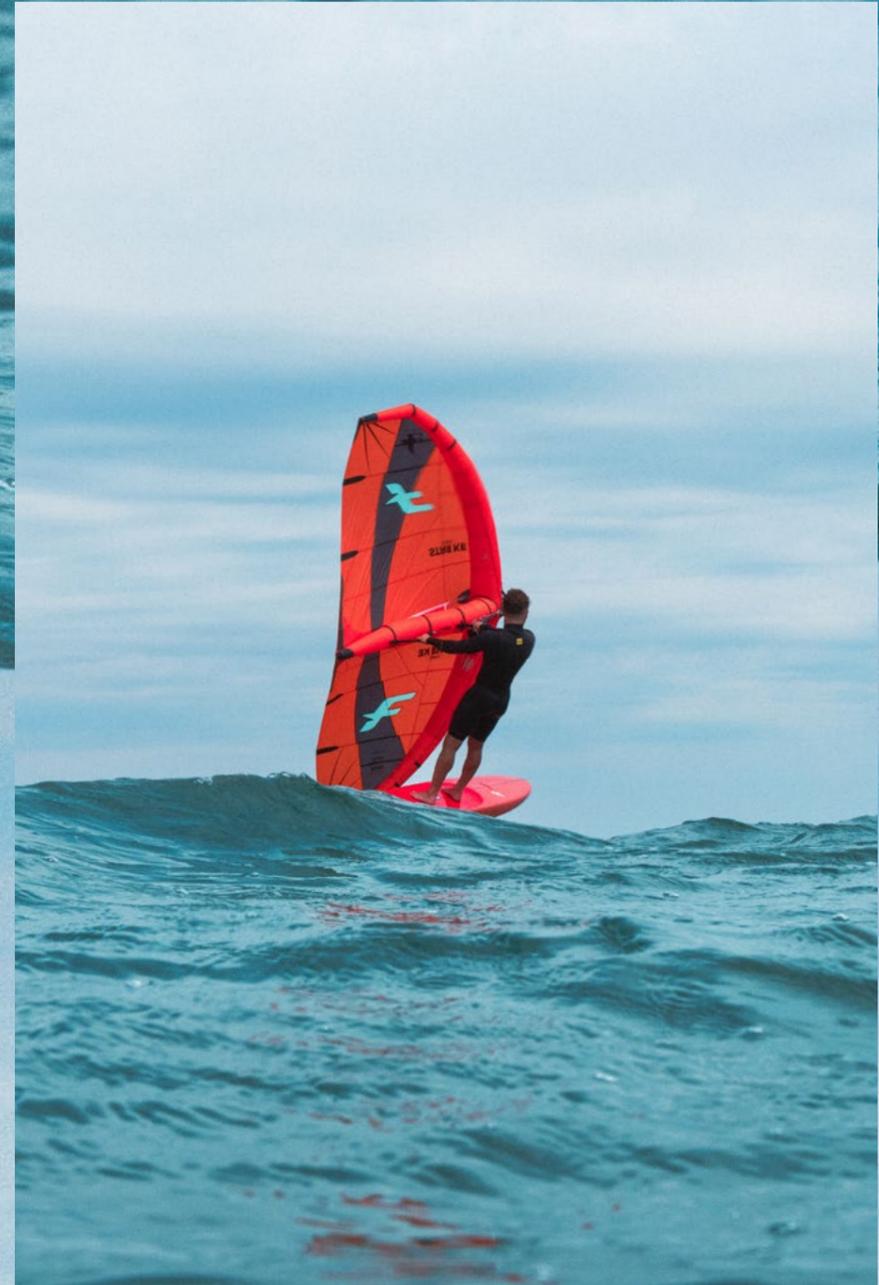
Oui

6'2 x 22.0"

188.0x55.9

120 L

Oui



77248-0701

ROCKET WING

Freeride / Freestyle / Lightwind



Key points

- New shape for superior balance and easier take-offs
- Optimized volume distribution for more stability
- Beveled rails and double concave for effortless take offs and touchdown recoveries
- Intuitive and performant



Accessibility

Freeride

Freestyle

Carving

Size (in)

Size (cm)

Volume (l)

Inserts

4'4" x 21"	132 x 53.5	47 L	Yes
4'6" x 21.75"	137 x 55	52 L	Yes
4'8" x 22.5"	142 x 57	58 L	Yes
5'0" x 23.5"	152.5 x 60	70 L	Yes
5'3" x 25"	160 x 63.5	85 L	Yes
5'5" x 27"	165 x 68.5	100 L	Yes
5'10" x 28"	178 x 71	115 L	Yes
6'2" x 30.5"	188 x 77.5	140 L	Yes



77248-0501

ROCKET WING CARBON

Freeride / Freestyle / Lightwind



Key points

- New shape for superior balance and easier take-offs
- Optimized volume distribution for more stability
- Stiff, highly responsive, and maneuverable
- Carbon construction adapted to the freestyle tricks constraints
- Beveled rails and double concave for effortless take offs and touchdown recoveries



Size (in)	Size (cm)	Volume (l)	Inserts
44 x 21"	132 x 53,5	47 L	Yes
46 x 21.75"	137 x 55	52 L	Yes
48 x 22.5"	142 x 57	58 L	Yes
50 x 23.5"	152.5 x 60	70 L	Yes
53 x 25"	160 x 63.5	85 L	Yes

77248-0502 (On order only)



ROCKET WING - S

Surf / Downwind / Freeride



Key points

- Enhanced shape for efficient take-offs and total control once in the air
- Stable, comfortable and responsive, allowing committed turns
- Recessed deck to lower center of gravity for excellent board control
- Domed front deck to add volume for easy water starts
- Compact outline on tail and nose for fantastic maneuverability



Accessibility

Freeride

Freestyle

Carving

Size (in)

3'6 x 17.5"
3'10 x 18.5"
4'2 x 19.5"
4'4 x 20"
4'6 x 20.5"
4'6+ x 21.5"
4'8 x 21.5"
4'8+ x 22.5"
4'10 x 22.25"
5'0 x 22.75"
5'2 x 24.25"
5'4 x 26"

Size (cm)

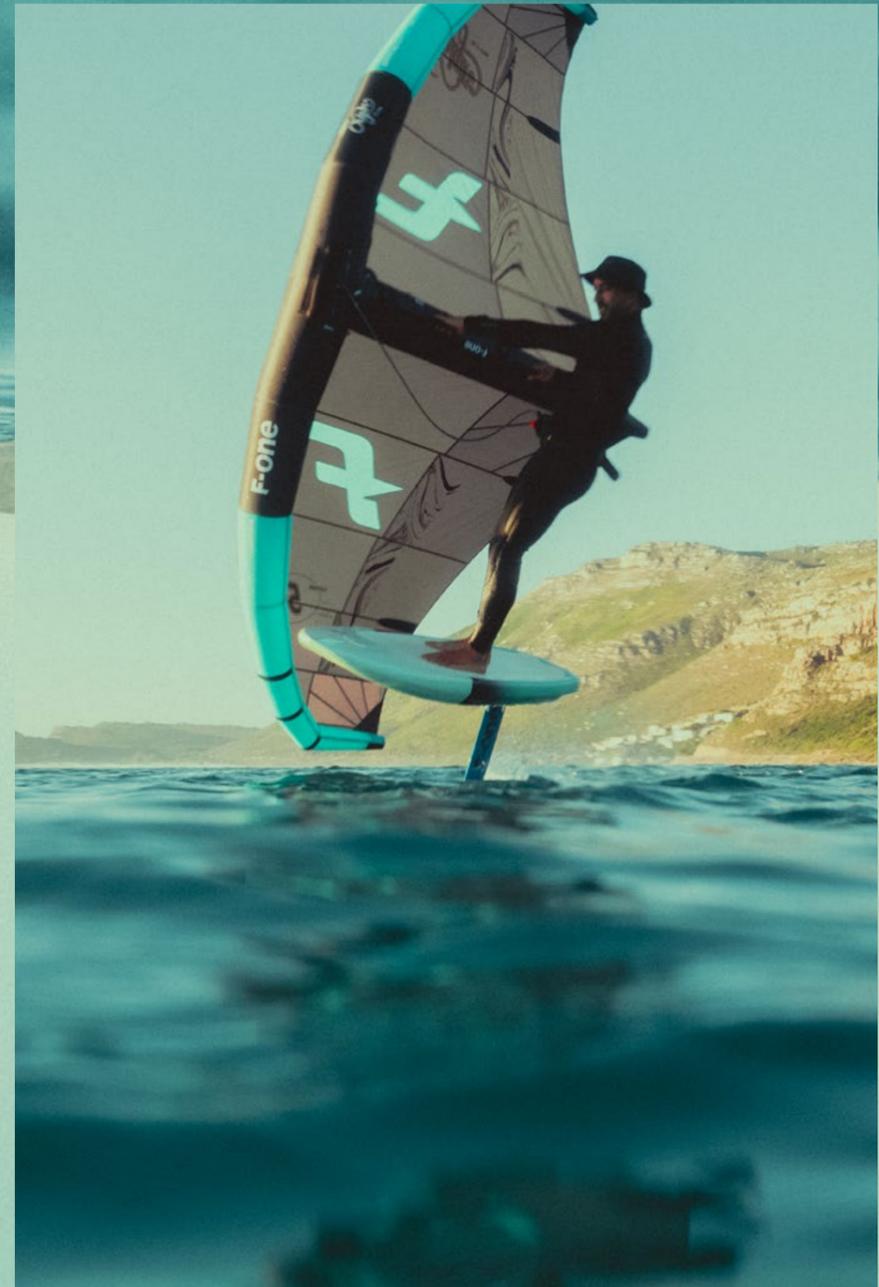
112,5 x 44,5
118,5 x 47
127 x 49,5
132 x 51
138,5 x 52
138,5 x 54,5
142 x 54,5
142 x 57
147 x 56,5
152 x 58
157 x 61,5
162,5 x 66

Volume (l)

20 L
24 L
32 L
36 L
42 L
50 L
48 L
58 L
54 L
60 L
70 L
80 L

Inserts

Yes
Yes



77248-0601

ROCKET WING - S CARBON

Surf - Freeride



Key points

- Enhanced shape for efficient take-offs and total control once in the air
- Stable, comfortable and responsive, allowing committed turns
- Carbon construction to increase responsiveness when surfing and durability
- Recessed concave deck to lower center of gravity for excellent board control
- Domed front deck to add volume for easy water starts
- Outline with narrow tail and nose for fantastic maneuverability



Accessibility

Freeride

Freestyle

Carving

Size (in)	Size (cm)	Volume (l)	Inserts
4'2 x 19.5"	127 x 49.5	32L	Yes
4'4 x 20"	132 x 51	36L	Yes
4'6 x 20.5"	138.5 x 52	42L	Yes
4'6+ x 21.5"	138.5 x 54.5	50L	Yes
4'8 x 21.5"	142 x 54.5	48L	Yes
4'8+ x 22.5"	142 x 57	58L	Yes
4'10 x 22.25"	147 x 56.5	54L	Yes
5'0 x 22.75"	152 x 58	60L	Yes
5'2 x 24.25"	157 x 61.5	70L	Yes
5'4 x 26"	162.5 x 66	80L	Yes



77248-0602 (On order only)

ROCKET WING ASC

Freeride



Key points

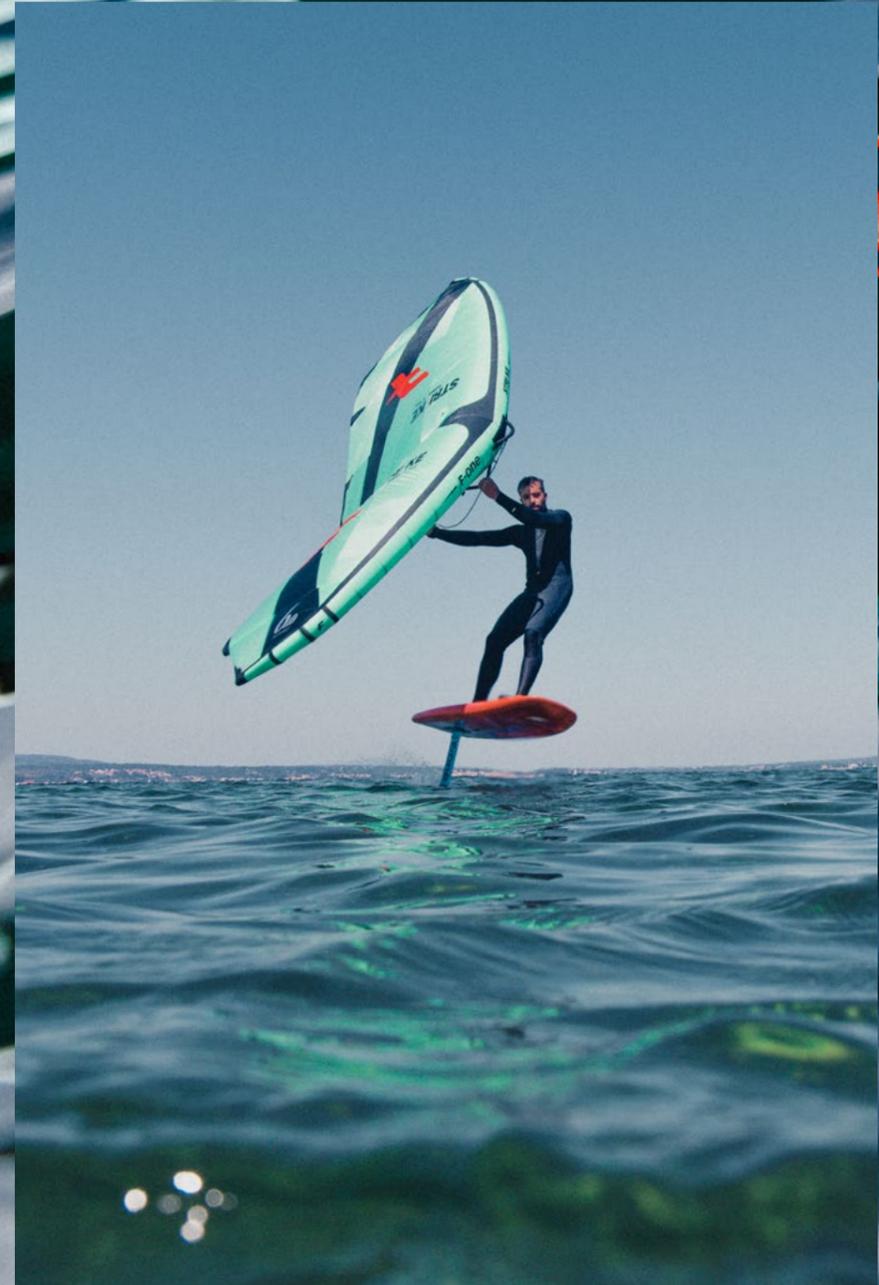
- Stable and forgiving
- Light weight, responsive and extremely durable thanks to its ASC construction
- Optimized rocker line for the most intuitive ride



	5'0"	5'3"	5'5"	6'2"
Dimensions (in)	6'2 x 31"	5'10 x 29"	5'5 x 27"	5'3 x 25"
Size (cm)	188 x 79	178 x 73.5	165 x 68.5	160 x 63.5
Volume (l)	130	110	90	75
Weight (kg)	9.4	8.3	7.6	6.8
Strap inserts	-	-	Yes	Yes

5'0"	77218-1105
5'3"	77218-1104
5'5"	77218-1103

5'10"	77208-1101
6'2"	77218-1100



ROCKET AIR

Surf foil - wing foil - SUP foil - wind foil



Key points

- Easy to store and carry
- Balanced and light for flying
- Almost indestructible with its superior and extra stiff
- Dropstitch material



	Accessibility	Freeride	Freestyle	Carving			
Dimensions (in)		7'11 x 34"	7'6 x 31"	7'2 x 30"	6'6 x 30"	5'10 x 29"	5'4 x 25"
Size (cm)		242 x 85	227 x 78	218 x 76	193 x 76	178 x 73	163 x 63
Volume (l)		190	185	168	140	125	90
Weight (kg)		8.6	8.3	7.4	6.2	5.7	4.9
Surf foil		-	-	-	-	-	YES
Wing foil		YES	YES	YES	YES	YES	YES
SUP foil		YES	YES	YES	YES	YES	YES
Wind foil		YES	YES	-	-	-	-

Box & inserts

From 4'10 to 6'2: 4-pt Insert
 For 7'2 only: 4-pt Insert + 2x US box + 3x Soft Fins
 From 7'6 to 7'11: 4-pt Insert + 2x US box + 3x Soft Fins + M8 mast insert

From 4'10 to 6'6: 4x M6 - 15mm tapered head screws
 From 7'2 to 7'11: 4x M6 - 15mm tapered head screws + 2x FINS Mango with screws & nuts

77218-1001



RIB

Add-On



Key points

- Adds extra volume to use one board in a variety of disciplines and conditions
- Brings incredible stability, balance, and durability
- The perfect combination of rigidity and accessibility
- Easy to store and carry
- The perfect companion to travel with one board only



Accessibility

Lightwind

Freestyle

Traveling

Size (in)	Size (cm)	Volume (L)	Weight (kg)	Boards compatible
4'4 x 26"	133 x 67	43 L	2.6	Pocket 110
4'8 x 27"	143 x 69	50L	3.0	Pocket 120
5'0 x 28"	153 x 72	53L	3.2	Pocket 130
5'5 x 29"	166 x 74	59 L	3.6	Pocket 145

Drop Stitch

Valve + Leash ring + 2x Handles

Compatible with: Pocket / Pocket Carbon / Pocket Carbon Custom



77248-1201

Surf foil - SUP foil

Surf foil - SUP foilboards



ROCKET SUP DOWNWIND PRO CARBON

Downwind



HD Foam carbon composite
Twin tracks

Delivered with boardbag

18" width

(On order only) **77238-0803**

Dimensions (in)	6'6 x 18"	6'9 x 18"	7'0 x 18"	7'4 x 18.5"	7'8 x 18.5"	8'0 x 18.75"
Volume (l)	80,5	83,5	86	95	100	110
Weight (kg)	4.3	4.5	4.7	5.1	5.3	5.6

19" width

(On order only) **77238-0802**

Dimensions (in)	6'2 x 19"	6'6 x 19"	6'10 x 19"	7'0 x 19.5"	7'4 x 19.75"
Volume (l)	86	91,5	96	104	110
Weight (kg)	4.5	4.7	4.9	5.3	5.6

20" width

(On order only) **77238-0801**

Dimensions (in)	6'7 x 20"	7'0 x 20.5"	7'5 x 21"	7'10 x 21.5"
Volume (l)	98	109	120	130
Weight (kg)	5.2	5.5	6.0	6.4

ROCKET SUP DOWNWIND PRO

Downwind



Bamboo Deck Construction
Twin tracks

18" width

(On order only) **77238-0805**

Dimensions (in)	6'6 x 18"	6'9 x 18"	7'0 x 18"	7'4 x 18.5"	7'8 x 18.5"	8'0 x 18.75"
Volume (l)	80,5	83,5	86	95	100	110
Weight (kg)	TBC	TBC	TBC	TBC	TBC	TBC

19" width

(On order only) **77238-0804**

Dimensions (in)	6'2 x 19"	6'6 x 19"	6'10 x 19"	7'0 x 19.5"	7'4 x 19.5"
Volume (l)	86	91,5	96	104	110
Weight (kg)	TBC	TBC	TBC	TBC	TBC

20" width

77238-0800

Dimensions (in)	6'7 x 20"	7'0 x 20.5"	7'5 x 21"	7'10 x 21.5"
Volume (l)	98	109	120	130
Weight (kg)	5.6	5.9	6.4	6.8

NEW

ROCKET SUP DOWNWIND PRO CARBON - COMP

Downwind



HD Foam carbon composite
Twin tracks

Delivered with boardbag

Size (in)	Size (cm)	Volume (l)	Weight (kg)
7'8 x 16" x 5,9"	233,7 x 40,7 x 15,0	97 L	5,4
8'0 x 17" x 5,9"	243,8 x 43,2 x 15,0	106,5 L	5,6
8'4 x 17,5" x 5,9"	254 x 44,4 x 15,0	114 L	5,8

(On order only) **77248-0806**

ROCKET SURF

Surf foil



Full bamboo construction
Double bamboo deck

Size (in)	Size (cm)	Volume (l)	Inserts
4'3 x 17.5"	129.5 x 44.5	25 L	-
4'3+ x 18"	129.5 x 45.7	28 L	-
4'5 x 18"	134.5 x 45.7	28 L	-
4'5+ x 19"	134.5 x 48.2	32 L	-
4'7 x 19"	139.5 x 48.2	34 L	-
4'11 x 20"	150 x 51	40 L	-

77248-0401

ROCKET SUP DOWNWIND PRO CARBON

Downwind



Key points

- Incredibly efficient and fast take-offs
- Superb stability at all times
- Immense glide and speed
- Controlled front/back leg balance
- Control and maneuverability even at high speeds

Delivered with boardbag



18" width

(On order only) **77238-0803**

Dimensions (in)	6'6 x 18	6'9 x 18	7'0 x 18	7'4 x 18.5	7'8 x 18.5	8'0 x 18.75
Volume (l)	80,5	83,5	86	95	100	110
Weight (kg)	4.3	4.5	4.7	5.1	5.3	5.6

19" width

(On order only) **77238-0802**

Dimensions (in)	6'2 x 19	6'6 x 19	6'10 x 19	7'0 x 19.5	7'4 x 19.75
Volume (l)	86	91,5	96	104	110
Weight (kg)	4.5	4.7	4.9	5.3	5.6

20" width

(On order only) **77238-0801**

Dimensions (in)	6'7 x 20	7'0 x 20.5	7'5 x 21	7'10 x 21.5
Volume (l)	98	109	120	130
Weight (kg)	5.2	5.5	6.0	6.4



ROCKET SUP DOWNWIND PRO

Downwind



Key points

- Incredibly efficient and fast take-offs
- Superb stability at all times
- Immense glide and speed
- Controlled front/back leg balance
- Control and maneuverability even at high speeds



18" width

(On order only) **77238-0805**

Dimensions (in)	6'6 x 18"	6'9 x 18"	7'0 x 18"	7'4 x 18.5"	7'8 x 18.5"	8'0 x 18.75"
Volume (l)	80,5	83,5	86	95	100	110
Weight (kg)	TBC	TBC	TBC	TBC	TBC	TBC

19" width

(On order only) **77238-0804**

Dimensions (in)	6'2 x 19"	6'6 x 19"	6'10 x 19"	7'0 x 19.5"	7'4 x 19.5"
Volume (l)	86	91,5	96	104	110
Weight (kg)	TBC	TBC	TBC	TBC	TBC

20" width

77238-0800

Dimensions (in)	6'7 x 20"	7'0 x 20.5"	7'5 x 21"	7'10 x 21.5"
Volume (l)	98	109	120	130
Weight (kg)	5.6	5.9	6.4	6.8



NEW

ROCKET SUP DOWNWIND PRO CARBON - COMP

Downwind



Key points

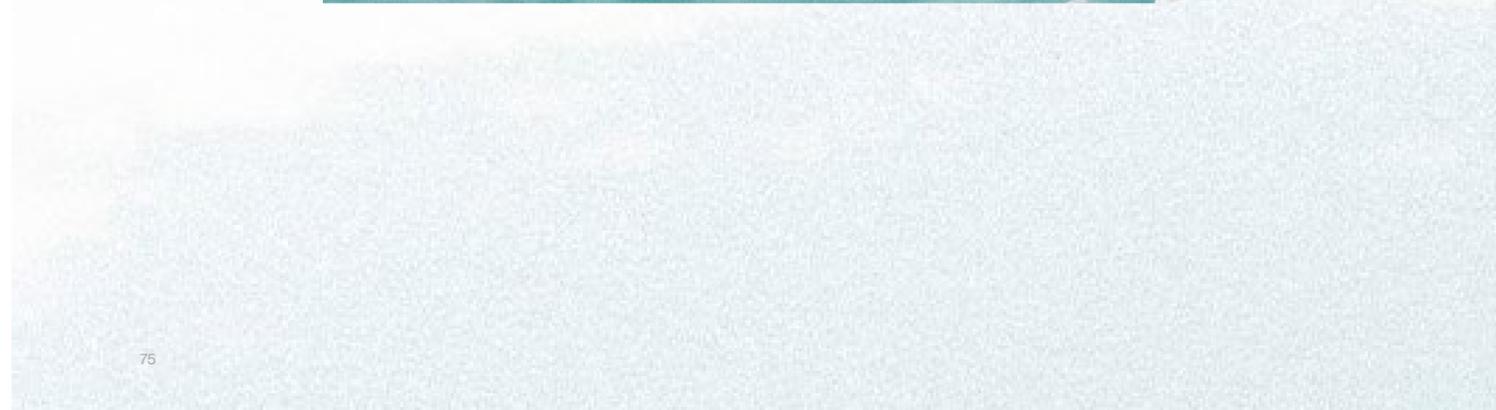
- New shape and narrow width for a higher paddle speed and effortless glide
- Slim outline and stretched length for quick acceleration
- Instant release and easy take-offs thanks to a perfected hydrodynamic flow and unique double steps design on the hull
- Volume and design optimized for great stability
- Made for expert downwind riders

Delivered with boardbag



Size (in)	Size (cm)	Volume (l)	Weight (kg)
7'8 x 16" x 5,9"	233,7 x 40,7 x 15,0	97 L	5,4
8'0 x 17" x 5,9"	243,8 x 43,2 x 15,0	106,5 L	5,6
8'4 x 17,5" x 5,9"	254 x 44,4 x 15,0	114 L	5,8

(On order only) **77248-0806**



ROCKET SURF

Surf foil



Key points

- Enhanced shape for improved take-offs and easy paddle
- Extremely responsive
- Complete control during pumping and carving
- High-performance during flight



Take off

Reactivity

Carving

Pumping

Size (in)	Size (cm)	Volume (l)	Inserts
4'3 x 17.5"	129.5 x 44.5	25 L	-
4'3+ x 18"	129.5 x 45.7	28 L	-
4'5 x 18"	134.5 x 45.7	28 L	-
4'5+ x 19"	134.5 x 48.2	32 L	-
4'7 x 19"	139.5 x 48.2	34 L	-
4'11 x 20"	150 x 51	40 L	-



77248-0401

Hydrofoils

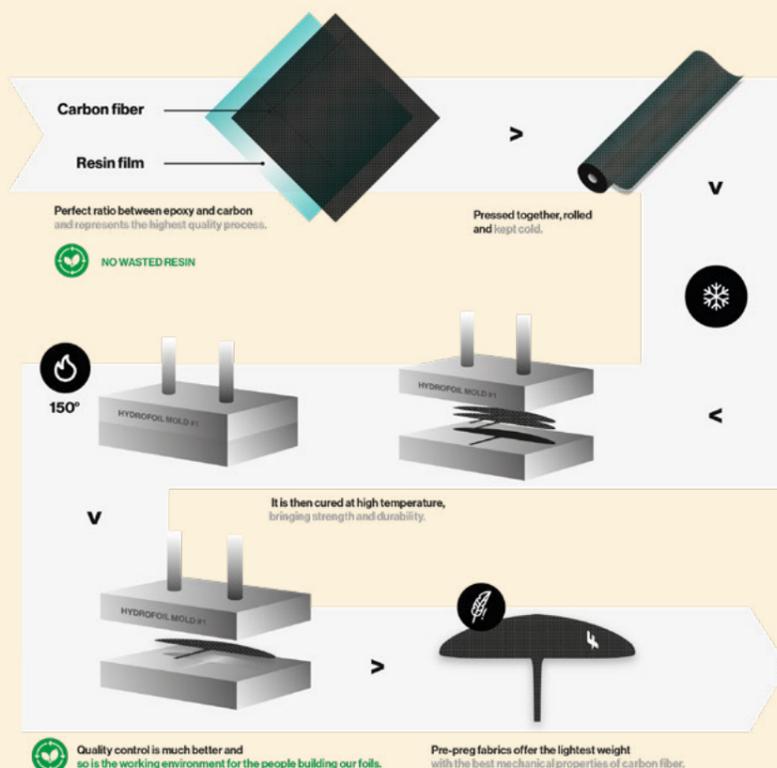
Hydrofoil technologies
Hydrofoils
Stabs & Fuselages
Masts & spare parts



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.



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

- JAM
- SK8
- Eagle
- Eagle X
- Seven Seas
- Phantom s
- Monobloc tails
- Phantom
- Escape
- Gravity
- HM Carbon Mast 14
- Carbon Mast 16



PRE PREG
TECHNOLOGY

Featured in

- JAM
- SK8
- Escape
- Eagle
- HM carbon mast 14
- Stab c250 surf
- Stab c250 fence
- Stab DW210
- Monobloc tails

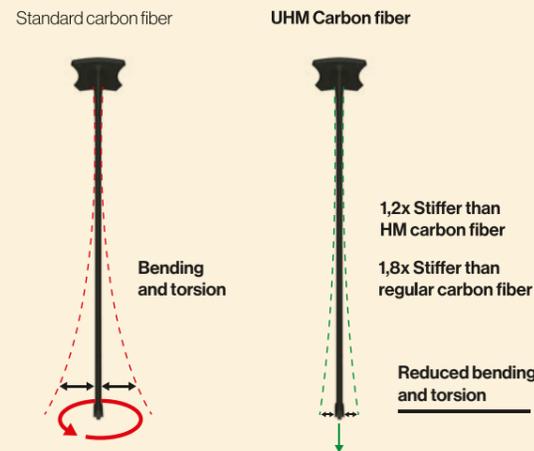
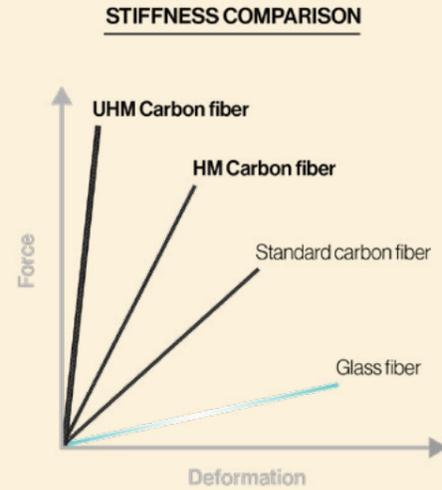


UHM carbon construction

Our UHM Carbon fiber layup helps you reach the next level in terms of rigidity, precision, instant feedback, and control, giving you the edge you need for superior performance. Incorporated on select foils, it is the perfect choice for those who demand the best.

The Ultra High Modulus (UHM) Carbon fiber layup is 1.2x stiffer than our High Modulus (HM) Carbon fiber, and 1.8x stiffer than regular carbon fiber.

The profile of the EAGLE X, where UHM Carbon fiber has been incorporated, is exceptionally thin, thus demanding the use of even more rigid fibers to ensure it also matches the stiffness standards synonymous with the F-ONE identity.



Featured in — Eagle X



Monobloc structure

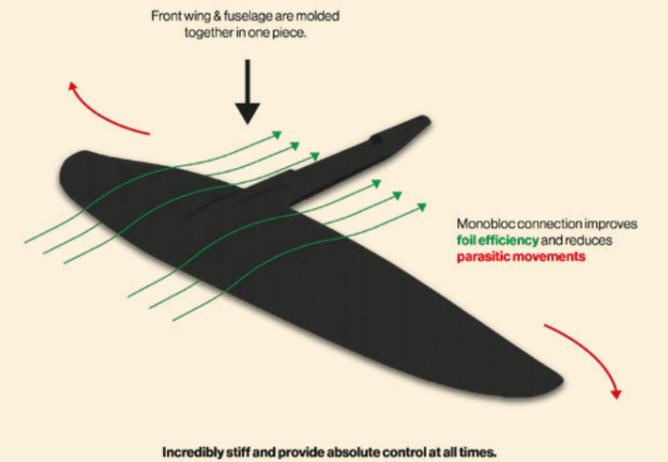
Having a stiff and solid assembly between all the parts of the foil is key to making it perform at its best as well as easy to handle.

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 — JAM
SK8
Eagle
Eagle X
Seven Seas
Phantom S
Phantom
Gravity



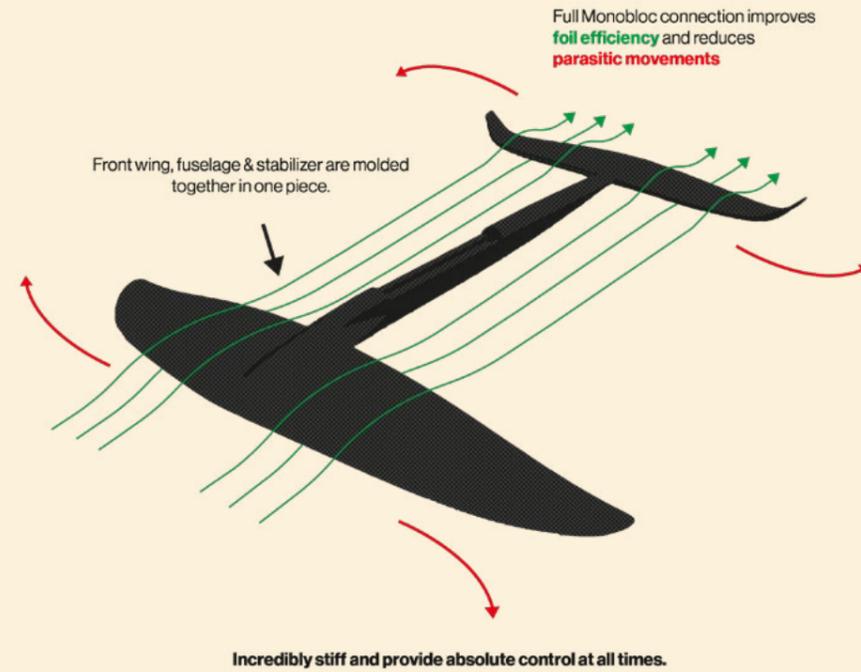
Full monobloc structure

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.

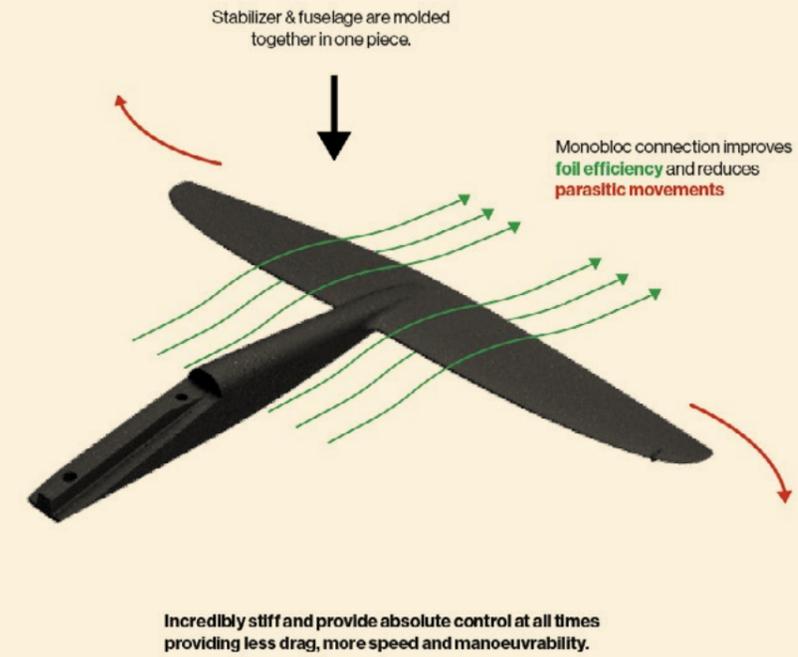
The connection of the front wing with the fuselage is highly stressed and loaded, so it is one of the critical areas of the assembly in terms of structures. The Full Monobloc wings are molded together with the fuselage and stab, thereby removing the connection and the chances for unwanted and parasitic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

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



Tail monobloc structure

The monobloc construction improves stiffness and reduces turbulence by eliminating connections and providing a more streamlined design. This premium connection will make any foil more playful, more stable, and faster. The monobloc also removes two screws; you'll be on the water faster!



Featured in ———— Escape



FULL MONOBLOC STRUCTURE

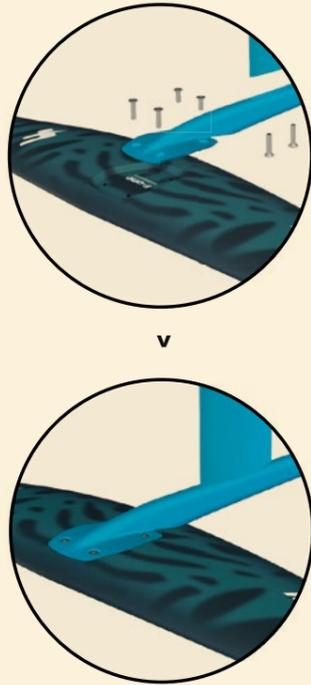
Featured in ———— Monobloc tails



TAIL MONOBLOC STRUCTURE

Fusion link

The Fusion Link enables the perfect connection between the fuselage and the front wing using a large solid plate at the front of the fuselage. It is screwed to the front wing using 4 x M6 – 14 mm screws, resulting in a connection geometry that ensures a very solid and stiff assembly.



Featured in

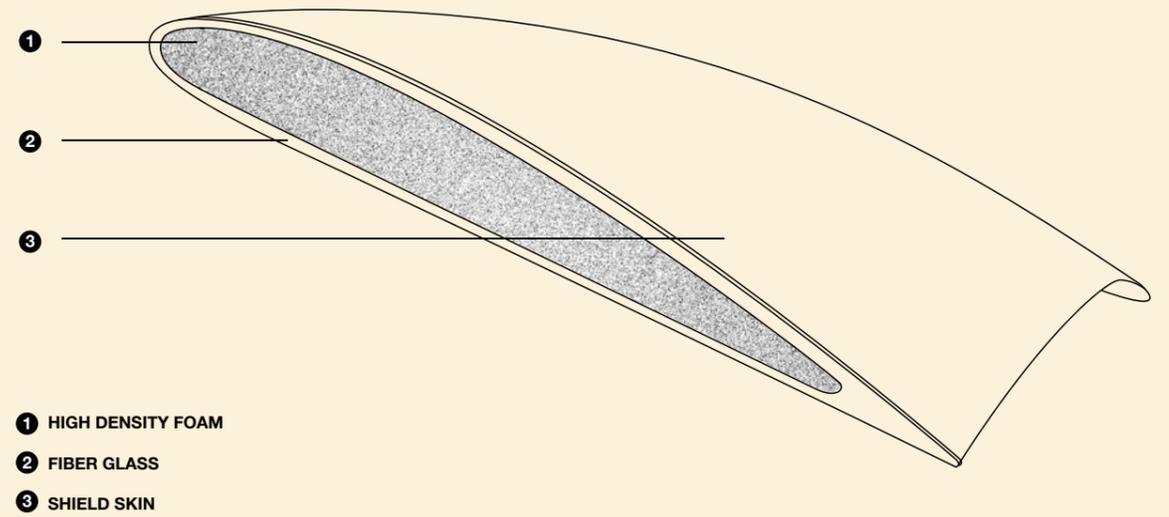
Phantom FCT
Gravity FCT



Foil compression technology

The Foil Compression Technology is a F-ONE innovation offering impressive mechanical properties, making it particularly suited for foil subjected to high stressed and bending loads.

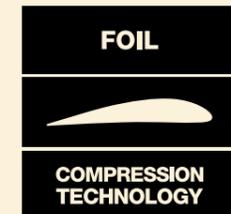
Our FCT front wings are built in fiberglass around a high-density foam core. The wing is covered by our thin and strong shield skin. This technology offers one of the most accessible foil setups on the market.



- 1 HIGH DENSITY FOAM
- 2 FIBER GLASS
- 3 SHIELD SKIN

Featured in

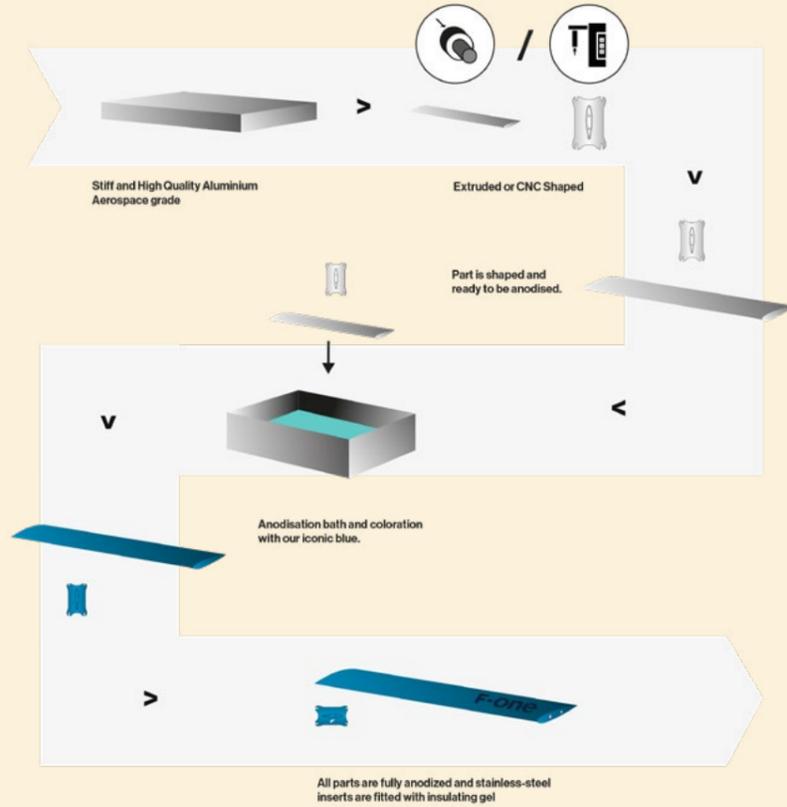
Phantom FCT
Gravity FCT



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.



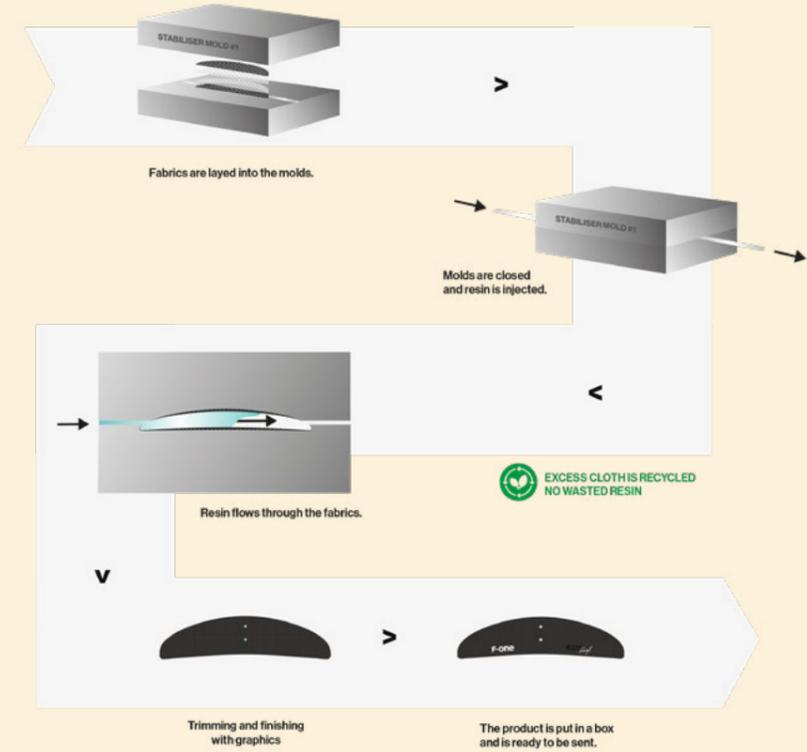
Featured in ———— Alu mast
Alu fuselage
Alu spare parts



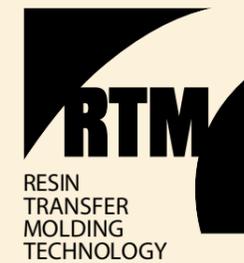
Resin transfer molding

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 ———— R.275



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.



v



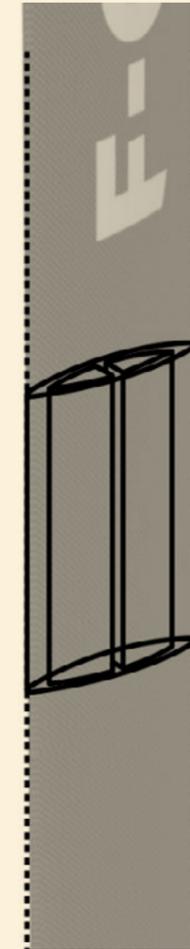
Featured in

JAM
SK8
Eagle
Seven Seas
Phantom S
Phantom
Escape
Gravity



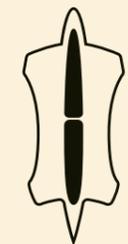
Spine technology

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



Hydrofoils

JAM

Dockstart

NEW SIZE



	Area (cm ²)	Span (cm)	Aspect ratio	KG
new	1400	120	10.3	1.82
	1600	128	10.2	2.03
	1900	140	10.5	2.42

Recommended monobloc tail

XXS 200 PUMPING

Dockstart

Maneuverability

Pumping

Low end

Speed

1400	77247-0170
1600	77247-0160
1900	77247-0161

SK8

Surfing - Carving



Area (cm ²)	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
1150	96	8.0	1.46

Recommended monobloc tail

550 - 650 - 750 - 850
950 - 1050 - 1150

XS 141 CARVING W
XXS 200 CARVING

Glide

Maneuverability

Pumping

Low end

Speed

550	77237-0151	950	77237-0155
650	77237-0152	1050	77237-0156
750	77237-0153	1150	77237-0157
850	77237-0154		

EAGLE

Downwind - Speed



Area (cm ²)	Span (cm)	Aspect ratio	KG
690	82	9.7	0.92
790	86.5	9.5	1.10
890	92.5	9.6	1.23
990	97	9.5	1.31
1090	102	9.5	1.48
1190	106	9.4	1.55
1290	110.5	9.5	1.58

Recommended monobloc tail

690 - 790
890 - 990
1090
1190 - 1290

XS 145 DW
XXS 170 DW
XXXS 190 DW
XXS 210 DW

Glide

Maneuverability

Pumping

Low end

Speed

690	77227-0130	1090	77227-0134
790	77227-0131	1190	77227-0136
890	77227-0132	1290	77227-0135
990	77227-0133		

EAGLE X

SUP Downwind expert / Wingfoil DW



Area (cm ²)	Span (cm)	Aspect ratio	KG
new 600	85	12	0.85
700	91.5	12	0.92
800	98	12	1.09
900	104	12	1.13
1000	109.5	12	1.21

Recommended monobloc tail

600 - 700 - 800 - 900
1000

XS 145 DW

Glide

Maneuverability

Pumping

Low end

Speed

600	77247-0159	900	77247-0173
700	77247-0171	1000	77247-0174
800	77247-0172		

Hydrofoils

PHANTOM S

Surf - Planing - Freestyle



Area (cm²)	Span (cm)	Aspect ratio	KG
740	69.5	6.5	0.8
840	74	6.5	1
940	78	6.5	1

Recommended monobloc tail

740 - 840	XS 161 CARVING W XXS 200 CARVING
940	

Glide

Maneuverability

Pumping

Low end

Speed

740	77207-0105
840	77217-0104
940	77217-0103

PHANTOM CARBON

Surf - Planing - Freestyle - Freeride



Area (cm²)	Span (cm)	Aspect ratio	KG
980	78	6.2	1.20
1080	80	5.9	1.20
1280	87	5.9	1.37
1480	96	6.2	1.62
1780	107	6.4	1.9

Recommended fuselage

1080	Fuselage carbon XXS Fuselage carbon XS Fuselage carbon S
1280	
1480 - 1780	

Recommended stab

1080	Stab C250 fence Stab C275 surf
1280-1480-1780	

Recommended monobloc tail

980	XXS 200 CARVING
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Glide

Maneuverability

Pumping

Low end

Speed

980	77227-0110	1480	77207-0108
1080	77207-0106	1780	77207-0109
1280	77207-0107		

SEVEN SEAS

Downwind - Freeride



Area (cm²)	Span (cm)	Aspect ratio	KG
1100	94	8.0	1.31
1300	102	8.0	1.49
1500	109.5	8.0	1.68

Recommended monobloc tail

1100 - 1300 - 1500	XXS 170 DW
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Glide

Maneuverability

Pumping

Low end

Speed

1100	77247-0141
1300	77247-0142
1500	77247-0143

ESCAPE

Speed - Carving



Area (cm²)	Span (cm)	Aspect ratio	KG
new 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

GRAVITY CARBON

Planing - Freeride



Area (cm ²)	Span (cm)	Aspect ratio	KG
1800	90	4.6	1.95
2200	110	5.5	2.15

Recommended fuselage

Fuselage Carbon short

Recommended stab

Stab C275 surf

Glide

Maneuverability

Pumping

Low end

Speed

1800 **77207-0113**
2200 **77207-0114**

GRAVITY FCT

Planing - Freeride



Area (cm ²)	Span (cm)	Aspect ratio	KG
1800	95	5.0	1.7
2200	110	5.5	2.2

Recommended fuselage

Fuselage Aluminium
74 surf

Recommended stab

Stab R275 surf
275 cm²

Glide

Maneuverability

Pumping

Low end

Speed

1800 **77207-0820**
2200 **77227-0802**

PHANTOM FCT

Surf - Planing - Freeride



Area (cm ²)	Span (cm)	Aspect ratio	KG
1280	87	5.9	1.2
1480	96	6.2	1.4
1680	104	6.4	1.6

Recommended fuselage

Fuselage Aluminium
74 surf

Recommended stab

Stab R275 surf
275 cm²

Glide

Maneuverability

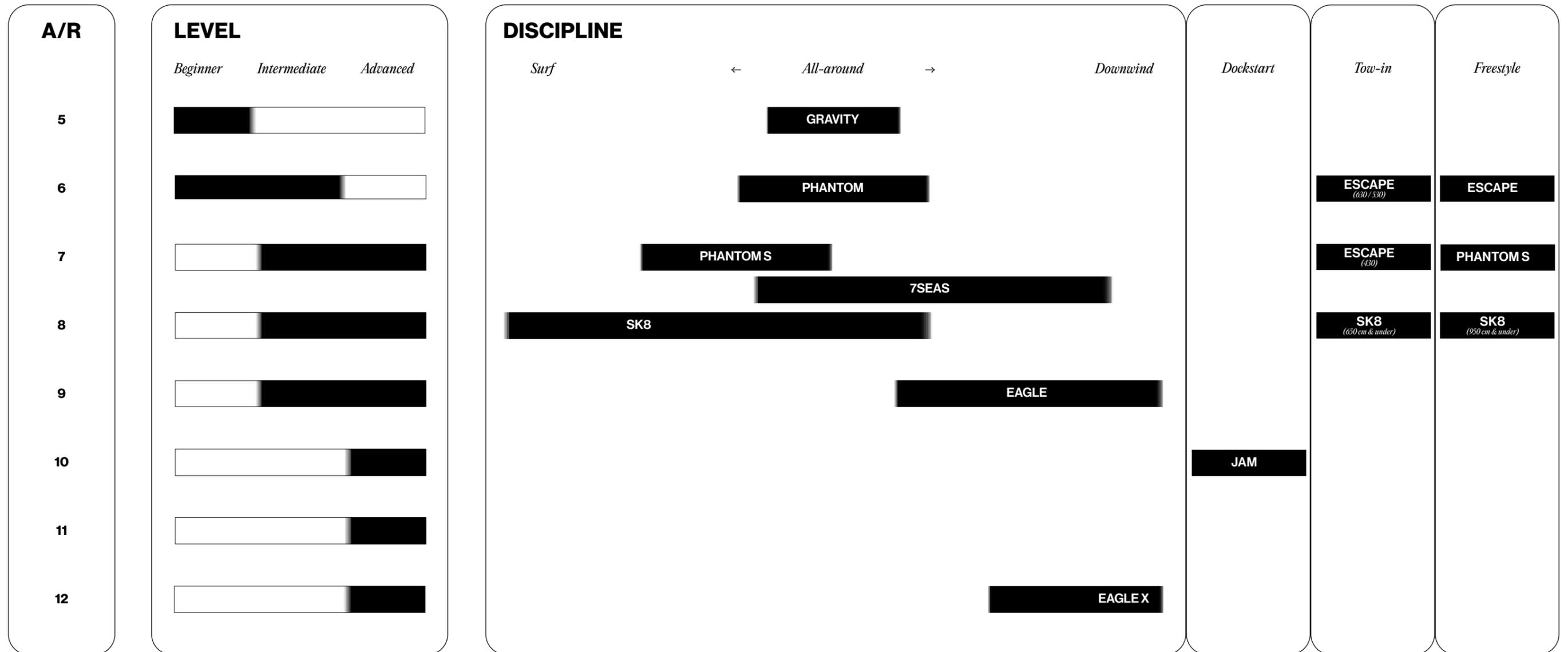
Pumping

Low end

Speed

1280 **77247-0122**
1480 **77247-0123**
1680 **77247-0125**

HOW TO CHOOSE YOUR FOIL



HOW TO CHOOSE YOUR TAIL / STAB

LEVEL

Beginner Intermediate Advanced

DISCIPLINE

Surf ← All-around → Downwind Dockstart

Standard construction

C275 SURF IC6 300

R275 SURF

C250 FENCES

Monobloc construction

XXS 200 CARVING

XXXS 200 CARVING

XXS 210 DW

XXXS 190 DW

XXS 170 DW

XS 160 CARVING XS 161 CARVING W

XXS 200 PUMP

XS 140 CARVING XS 141 CARVING W

XS 145 DW

HOW TO CHOOSE YOUR MAST

MASTS	LEVEL	DISCIPLINE					
		Surf	Downwind	Wing	Tow-in	Dockstart	Wake
<i>All-around 16mm</i>	80	██████████	██████████	██████████	██████████	██████████	██████████
	85	██████████	██████████	██████████	██████████	██████████	██████████
<i>All-around HM 14mm</i>	75	██████████	██████████	██████████	██████████	██████████	██████████
	80	██████████	██████████	██████████	██████████	██████████	██████████
	85	██████████	██████████	██████████	██████████	██████████	██████████
	95	██████████	██████████	██████████	██████████	██████████	██████████
	105	██████████	██████████	██████████	██████████	██████████	██████████

HOW TO CHOOSE YOUR PLANE

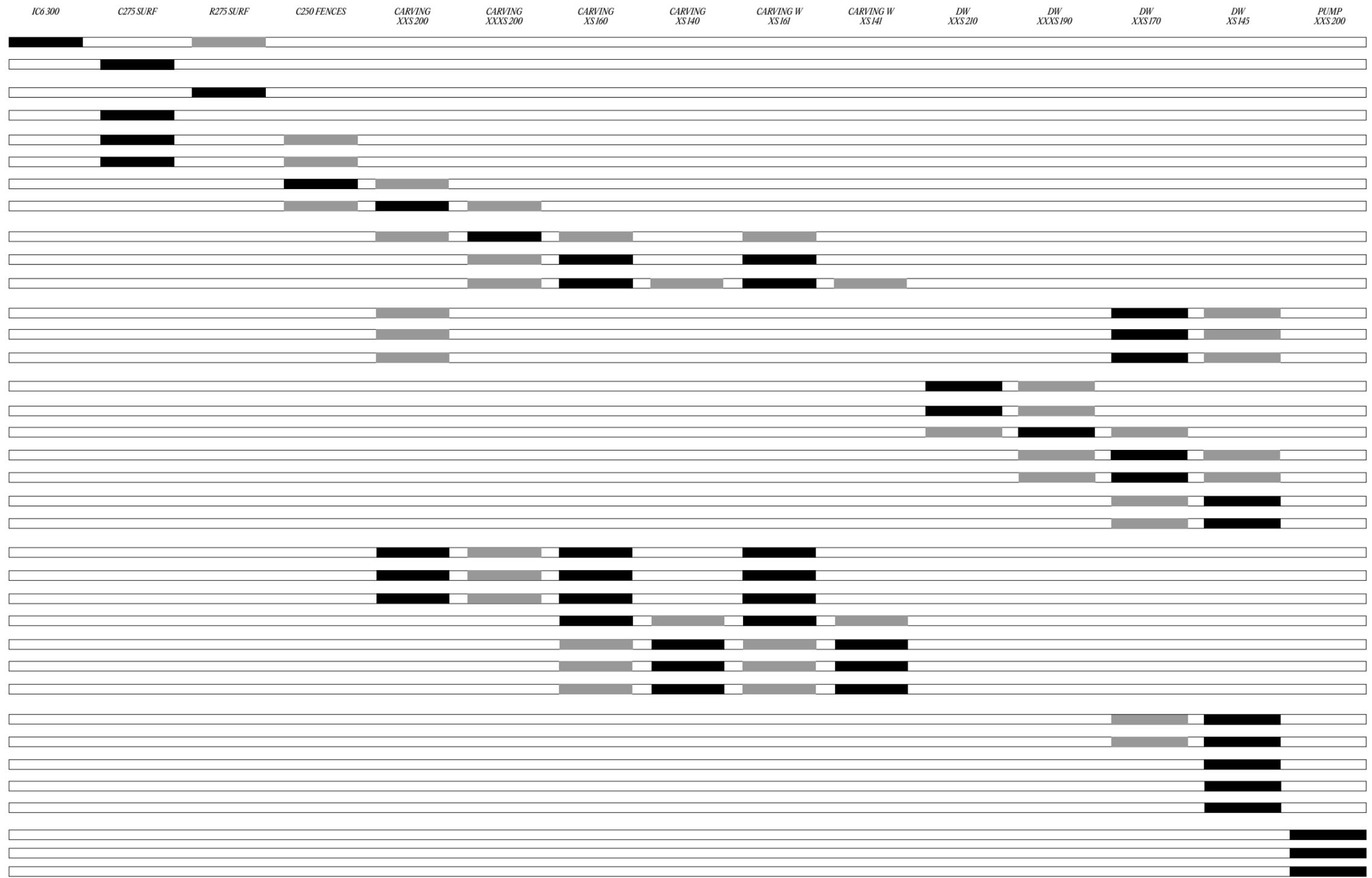
CARVING vs CARVING W

The *CARVING* range features a more powerful profile that provides a good low-end and a great pumping. This is the stab you need if you are surf-foiling.
 The *CARVING «W»* range provides an amazing stability at higher speeds and during powerful carves. This is the stab you need for winging or tow-in.

█ Recommended first choice
▒ Second choice depending on the rider's level and the chosen discipline

FRONT WINGS / STABS

- GRAVITY FCT
- GRAVITY CARBON
- PHANTOM FCT
- PHANTOM CARBON 1780
- PHANTOM CARBON 1480
- PHANTOM CARBON 1280
- PHANTOM CARBON 1080
- PHANTOM CARBON 980
- PHANTOM CARBON S 940
- PHANTOM CARBON S 840
- PHANTOM CARBON S 740
- SEVEN SEAS 1500
- SEVEN SEAS 1300
- SEVEN SEAS 1100
- EAGLE HM CARBON 1290
- EAGLE HM CARBON 1190
- EAGLE HM CARBON 1090
- EAGLE HM CARBON 990
- EAGLE HM CARBON 890
- EAGLE HM CARBON 790
- EAGLE HM CARBON 690
- SK8 HM CARBON 1150
- SK8 HM CARBON 1050
- SK8 HM CARBON 950
- SK8 HM CARBON 850
- SK8 HM CARBON 750
- SK8 HM CARBON 650
- SK8 HM CARBON 550
- EAGLE X UHM CARBON 1000
- EAGLE X UHM CARBON 900
- EAGLE X UHM CARBON 800
- EAGLE X UHM CARBON 700
- EAGLE X UHM CARBON 600
- JAM HM CARBON 1900
- JAM HM CARBON 1600
- JAM HM CARBON 1400



NEW SIZES

JAM

Dockstart

Key points

ASPECT RATIO: 10

- Exceptional for dock starts and pump foiling
- Infinite glide and outstanding efficiency
- Easy and fast take-offs
- Effective at low speeds and has the potential to accelerate on demand

HM
HIGH MODULUS CARBON

 MONOBLOC
STRUCTURE

 TITAN
CONNECTION

 PRE PREG
TECHNOLOGY



	Dockstart	Maneuverability	Pumping	Low end	Speed
					
		new			
Area (cm²)	1400		1600	1900	
Span (cm)	120		128	140	
Aspect ratio	10.3		10.2	10.5	
Weight (kg)	1.82		2.03	2.42	

Recommended monobloc tail

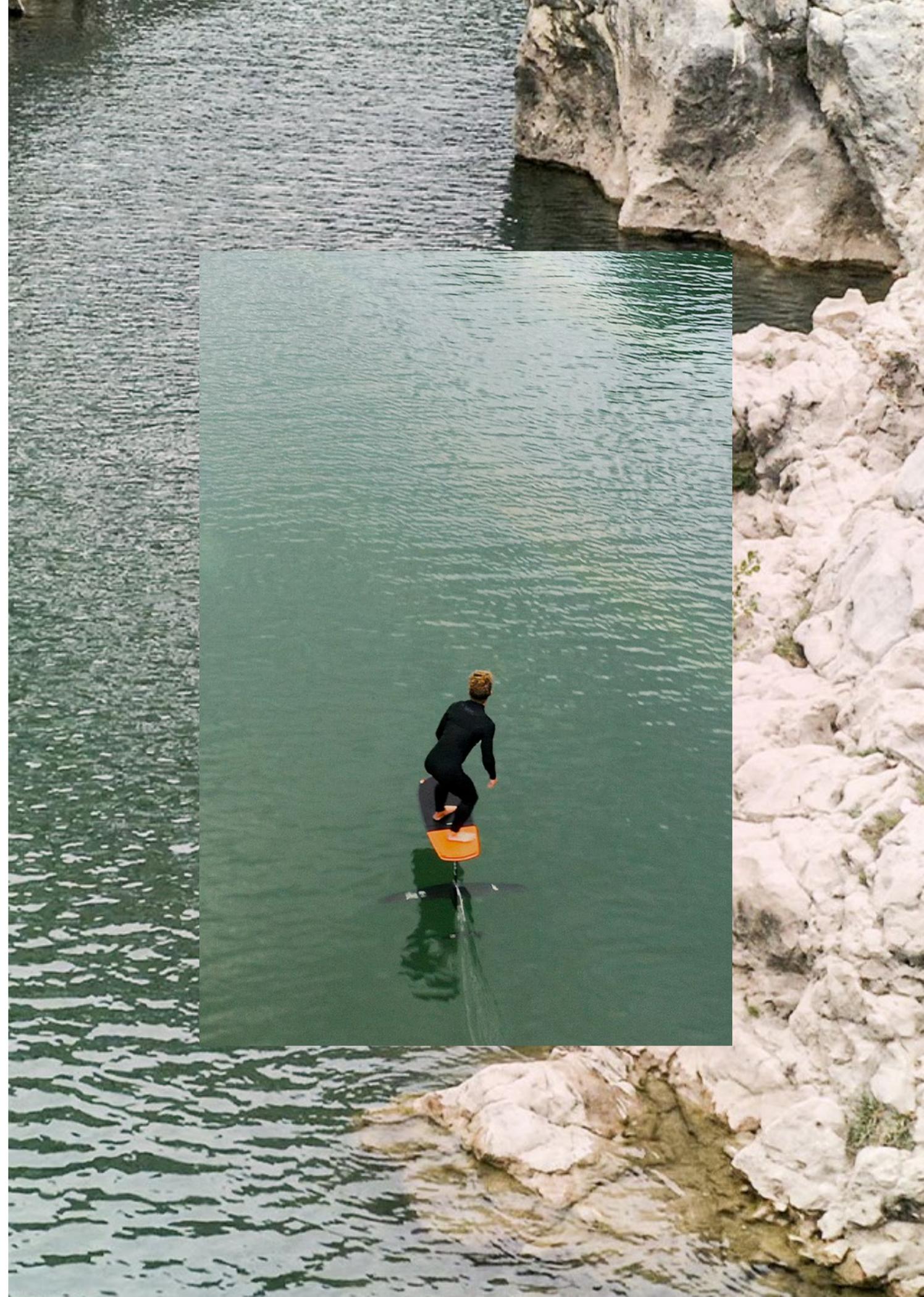
XXS 200 PUMPING

1400
1900

77247-0170
77247-0161

1600

77247-0160



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



	550	650	750	850	950	1050	1150
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	850	950 - 1050 - 1150
XS 140 CARVING XS 141 CARVING W	XS 160 CARVING XS 161 CARVING W	XXS 200 CARVING XS 160 CARVING XS 161 CARVING W
550 77237-0151 650 77237-0152	750 77237-0153 850 77237-0154	950 77237-0155 1050 77237-0156
		1150 77237-0157



EAGLE

Downwind - Speed

Key points

ASPECT RATIO 9.5

- Remarkable speed and downwind performances
- Unrivalled time above the water
- Thin and optimized design for minimal drag

HM
HIGH MODULUS CARBON

 MONOBLOC STRUCTURE

 TITAN CONNECTION

 PRE PREG TECHNOLOGY

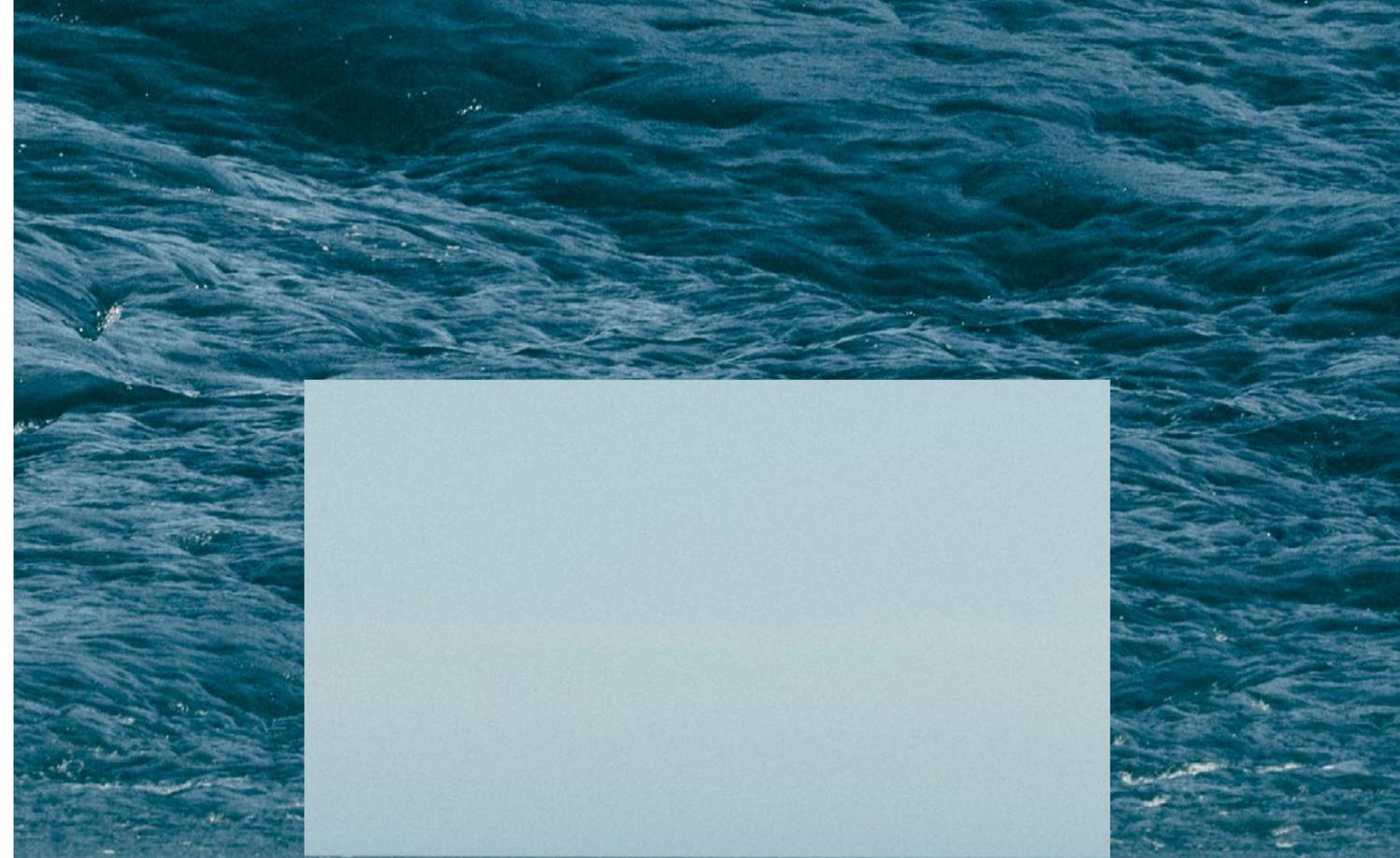


	690	790	890	990	1090	1190	1290
Area (cm²)	690	790	890	990	1090	1190	1290
Span (cm)	82	86.5	92.5	97	102	106	110.5
Aspect ratio	9.7	9.5	9.6	9.5	9.5	9.4	9.5
Weight (kg)	0.92	1.10	1.23	1.31	1.48	1.55	1.58

Recommended monobloc tail

690- 790 : XS 145 DW	890- 990 : XXS 170 DW	1090 : XXXS 190 DW	1190 - 1290 : XXS 210 DW
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690	77227-0130	890	77227-0132	1090	77227-0134	1290	77227-0135
790	77227-0131	990	77227-0133	1190	77227-0136		



NEW SIZES

EAGLE X

Downwind - Speed

Key points

ASPECT RATIO 12

- Made for advanced riders
- High aspect ratio of 12
- Extreme speed and glide

UHM

ULTRA HIGH MODULUS CARBON



	new				
Area (cm²)	600	700	800	900	1000
Span (cm)	85	91.5	98	104	109.5
Aspect ratio	12	12	12	12	12
Weight (kg)	0.85	0.92	1.09	1.13	1.21

Recommended monobloc tail

1000-900-800-700: XS 145 DW

600	77247-0159	700	77247-0171	800	77247-0172	900	77247-0173
1000	77247-0174						



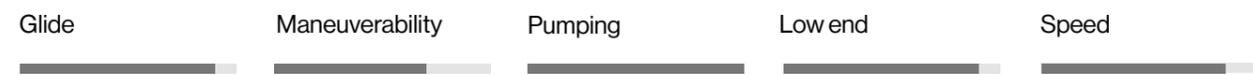
SEVEN SEAS

Downwind - Freeride

Key points

ASPECT RATIO 8

- A foil made for everyone
- Impressive ease-to-performance ratio



	1100	1300	1500
Area (cm²)	1100	1300	1500
Span (cm)	94	102	109.5
Aspect ratio	8.0	8.0	8.0
Weight (kg)	1.31	1.49	1.68

Recommended monobloc tail

1100 - 1300 - 1500 XXS 170 DW

1100 **77247-0141** 1500 **77247-0143**
 1300 **77247-0142**



PHANTOM - S

Surf - Freestyle

Key points

ASPECT RATIO 6.5

- Great maneuverability
- Incredible carving, no matter how tight or wide the turns
- Ideal for surf and freestyle
- Speed and glide



PRE PREG
TECHNOLOGY



MONOBLOC
STRUCTURE



TITAN
CONNECTION

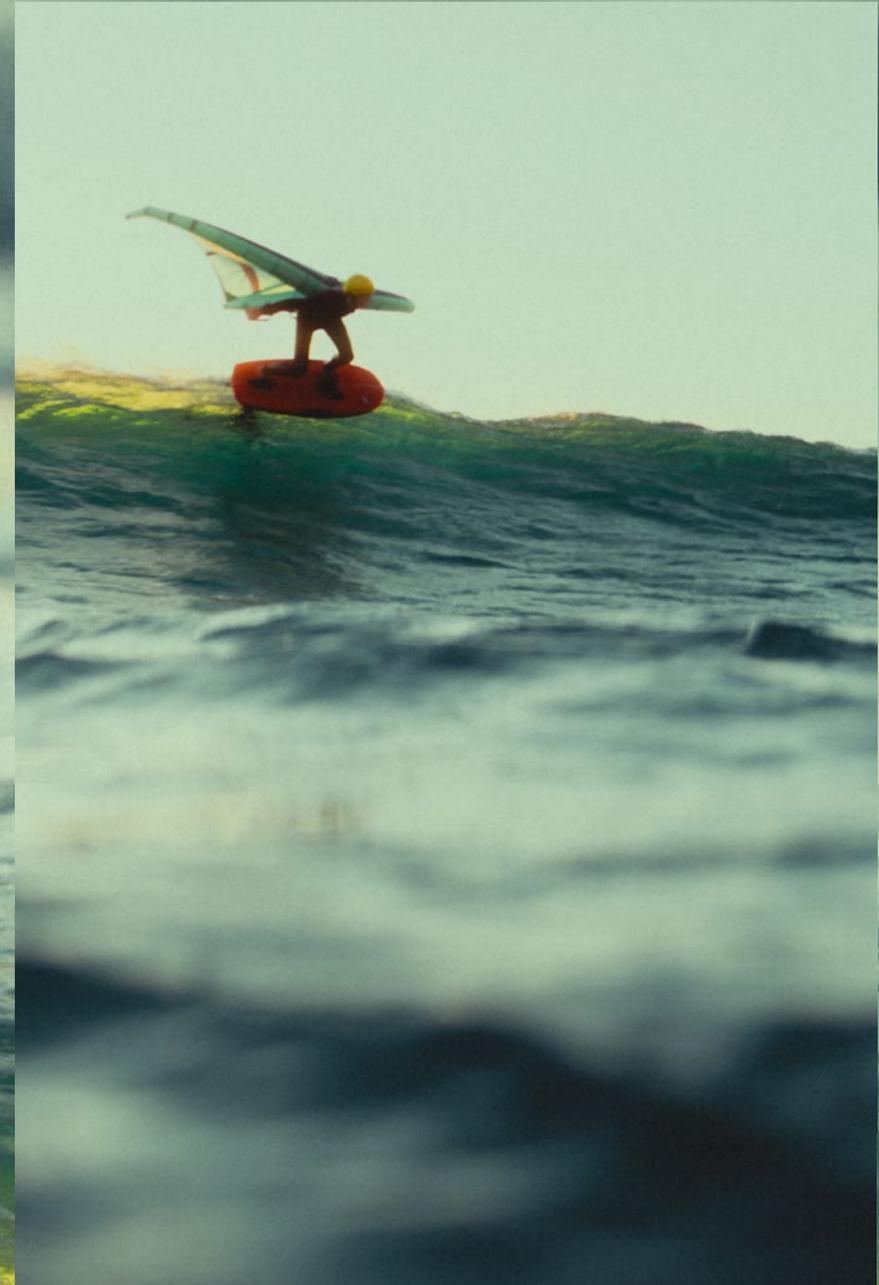


Area (cm²)	940	840	740
Span (cm)	78	74	69.5
Aspect ratio	6.5	6.5	6.5
Weight (kg)	1	1	0.8

Recommended monobloc tail

740 - 840 XS 160 CARVING / XS 161 CARVING W
940 XXXS 200 CARVING

940 **77207-0105** 840 **77217-0104** 740 **77217-0103**



PHANTOM CARBON

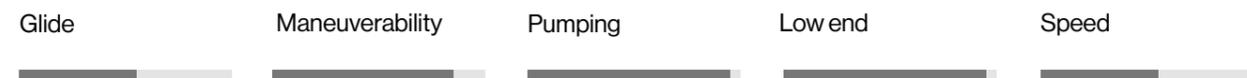
Surf - Planing - Freestyle - Freeride



Key points

ASPECT RATIO 6.8

- Speed and glide
- Radical turns and agile carving
- Efficient pumping and planing start
- Incredible freestyle abilities



	1780	1480	1280	1080	980
Area (cm²)	1780	1480	1280	1080	980
Span (cm)	107	96	87	80	78
Aspect ratio	6.4	6.2	5.9	5.9	6.2
Weight (kg)	1.9	1.62	1.37	1.20	1.20

Recommended fuselage	Recommended stab	Recommended monobloc tail
980 - 1080: Fuselage carbon XXS	1080: Stab C250 fence	980: XXS 200 CARVING
1280: Fuselage carbon XS	1280-1480-1780: Stab C275 surf	
1480 - 1780: Fuselage carbon S		

980	77227-0110	1480	77207-0108
1080	77207-0106	1780	77207-0109
1280	77207-0107		



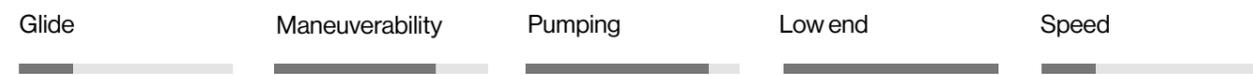
GRAVITY CARBON

Planing -Freeride

Key points

ASPECT RATIO 5.0

- Accessible and straightforward foil
- Smooth and early take-off
- Stability, speed control, and lift
- Reliable and efficient in light conditions



Area (cm²)	2200	1800
Span (cm)	110	90
Aspect ratio	5.5	4.6
Weight (kg)	2.15	1.95

Recommended fuselage _____ Recommended stab _____

Fuselage carbon short _____ Stab C.275 surf _____

2200 **77207-0114** 1800 **77207-0113**



ESCAPE

Speed - Carving

HM
HIGH MODULUS CARBON

 FULL MONOBLOC
STRUCTURE

 TITAN
CONNECTION

Key points

ASPECT RATIO 6

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



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

Recommended fuselage _____ Recommended stab _____

- _____ - _____

Plane _____

430*	77237-0800	530	77227-0801	630	77227-0802
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GRAVITY FCT

Planing - Freeride

Key points

ASPECT RATIO 5.0

- Accessible, forgiving, reliable
- Smooth and early take-off at slow speeds
- Stability and lift
- Great speed control

AL 6063
6061
ALUMINIUM



Area (cm²)	2200	1800
Span (cm)	110	95
Aspect ratio	5.5	5
Weight (kg)	2.2	1.7

Recommended fuselage

Recommended stab

Alu Fuselage 74 surf

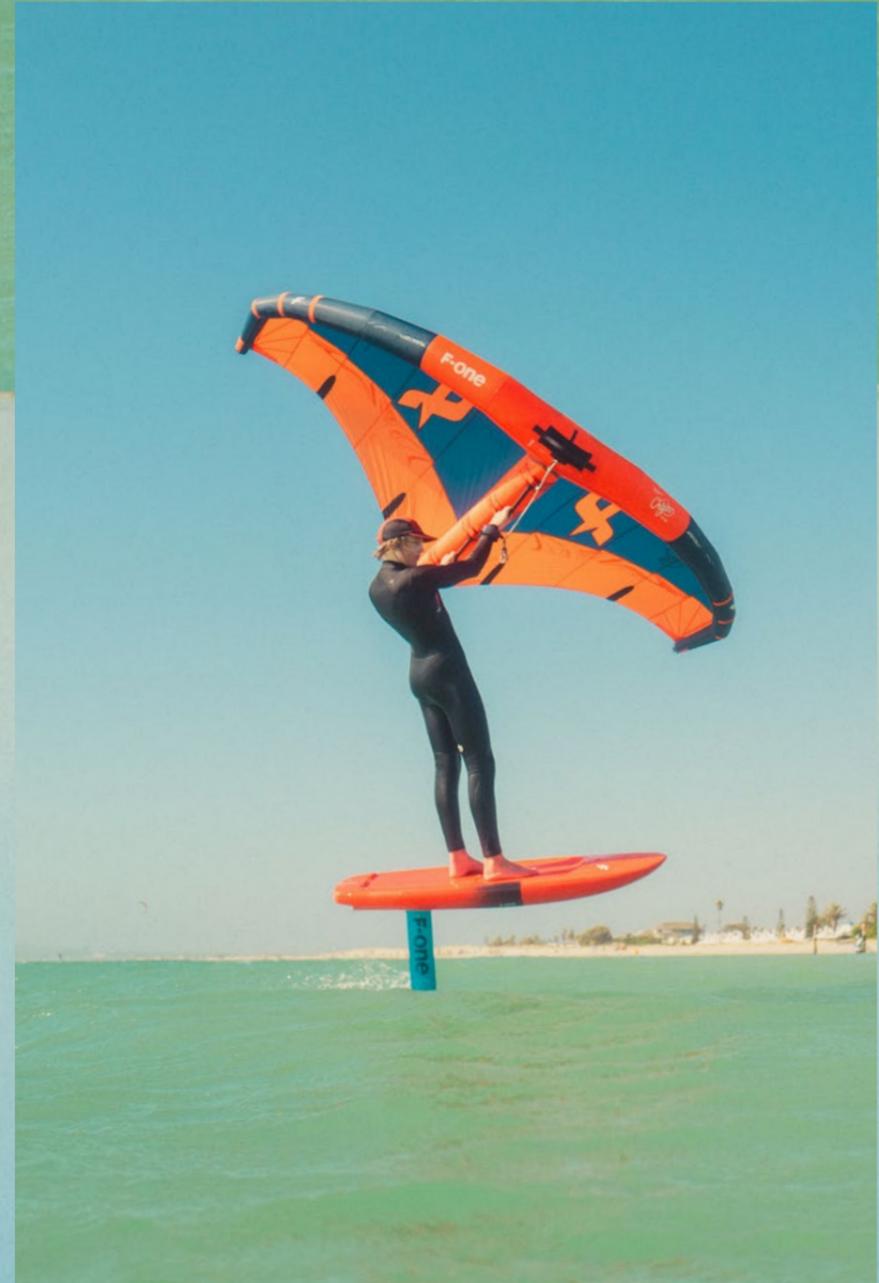
Stab R.275 surf

2200

77227-0802

1800

77207-0820



PHANTOM FCT

Surf - Planing - Freeride

Key points

Aspect Ratio 6.0

- Great for surf and freeride
- Quick and easy planing
- Pumping machine
- Nimble and maneuverable

AL 6063
6061
ALUMINIUM



	1680	1480	1280
Area (cm²)	1680	1480	1280
Span (cm)	104	96	87
Aspect ratio	6.4	6.2	5.9
Weight (kg)	1.6	1.4	1.2

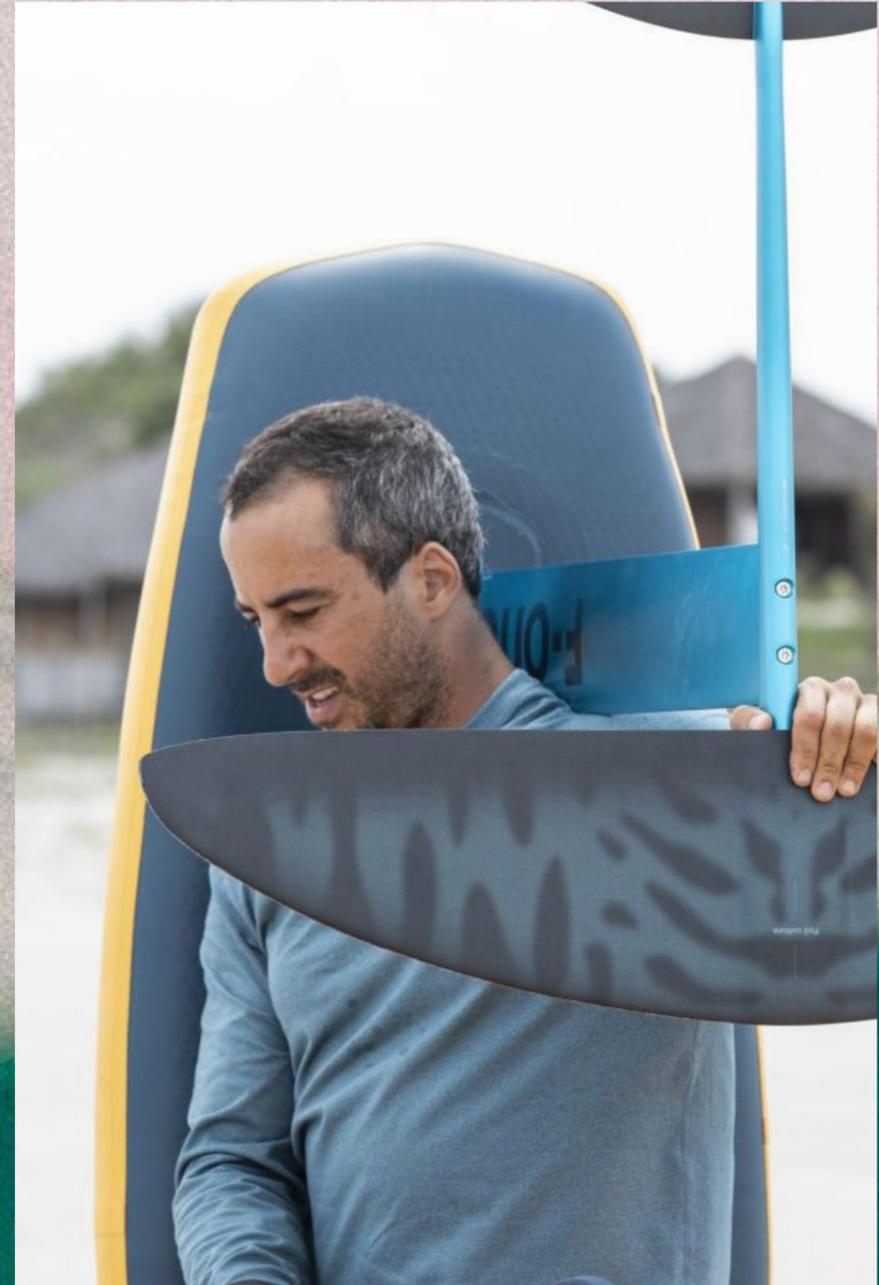
Recommended fuselage

Recommended stab

Alu Fuselage 74 surf

Stab R.275 surf

1280 **77247-0122** 1480 **77247-0123** 1680 **77247-0125**



STAB IC6 300



Area (cm ²)	Span (CM)
300	42

Aspect ratio	KG
5.9	0.23

77207-0301

STAB C275 SURF



Area (cm ²)	Span (CM)
275	38

Aspect ratio	KG
5.3	0.2

77207-0306

STAB R275 SURF



Area (cm ²)	Span (CM)
275	38

Aspect ratio	KG
5.3	0.17

77207-0308

STAB C250 FENCE HM



Area (cm ²)	Span (CM)
250	39

Aspect ratio	KG
6.1	0.18

77227-0309

MONOBLOC TAIL CARVING

Surfing - Carving



Key points

ASPECT RATIO 8.0

- Five sizes: XS 140cm², XS 160cm², XXXS 160cm², XXXS 180cm² and XXS 200cm²
- 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



	XS 140	XS 160	XXXS 160	XXXS 180	XXS 200	XXXS 200
Area (cm²)	140	160	160	180	200	200
Fuselage	XS	XS	XXXS	XXXS	XXS	XXXS
Span (cm)	30	33	33	35	37	37
Aspect ratio	6.4	6.8	6.8	6.8	6.8	6.8
Weight (kg)	0.22	0.24	0.23	0.24	0.27	0.27

Recommended hydrofoil

XXS 200: PHANTOM (980) / SK8 (950 - 1050 - 1150) **XS 160**: PHANTOMS (740 - 840) / SK8 (950 - 1050 - 1150)
XXXS 200: PHANTOMS (940) **XS 140**: SK8 (550 - 650 - 750)

XS 140	77247-0305	XXXS 160	77237-0311	XXS 200	77237-0323
XS 160	77247-0306	XXXS 180	77237-0312	XXXS 200	77237-0313

MONOBLOC TAIL CARVING W

Surfing - Carving



Key points

ASPECT RATIO 8.0

- Two sizes: XS 141cm², XS 161cm²
- Designed for medium to experienced wing foilers.
- Smaller surface area = more speed / Longer fuselage = greater stability.
- New profile for balanced front/rear leg support allowing comfort at greater speed and power during carves.



	XS 141	XS 161
Area (cm²)	141	161
Fuselage	XS	XS
Span (cm)	30	33
Aspect ratio	6.4	6.8
Weight (kg)	0.22	0.24

Recommended hydrofoil

XS 141: SK8 (550 - 650 - 750)
XS 161: PHANTOM (740 - 840) / SK8 (850 - 950 - 1050 - 1150)

XS 141	77247-0301
XS 161	77247-0304

Monobloc tails

MONOBLOC TAIL PUMPING

Pumping



Key points

ASPECT RATIO 7.6

- Made for dockstarts and endless pumping sessions
- Monobloc construction for better stiffness and reduced turbulence



Area (cm²)	200
Fuselage	XXS
Span (cm)	39
Aspect ratio	7.6
Weight (kg)	0.24

Recommended hydrofoil

XXS PUMP: JAM (1900 - 1600 - 1400)

200 **77247-0361**

Monobloc tails

MONOBLOC TAIL DW

Downwind



Key points

ASPECT RATIO 8.8

- Four sizes: XS 145cm², XXS 170cm², XXXS 190cm² and XXS 210cm²
- Designed for experienced downwind riders
- Smaller surface area = greater speed / longer fuselage = greater stability
- Maximum forward projection



Area (cm²)	145	170	190	210
Fuselage	XS	XXS	XXXS	XXS
Span (cm)	35	38.5	41	43
Aspect ratio	8.4	8.7	8.8	8.8
Weight (kg)	0.22	0.24	0.26	0.28

Recommended plane

XS 145: EAGLE (690 - 790) / EAGLE X (600 - 700 - 800 - 900 - 1000) **XXXS 190**: EAGLE (1090)
XXS 170: SEVEN SEAS (1100 - 1300 - 1500) / EAGLE (890 - 990) **XXS 210**: EAGLE (1190 - 1290)

145 **77247-0332** 170 **77247-0333** 190 **77237-0332** 210 **77237-0337**

ALU FUSELAGE 74 SURF



KG

0.97

Area (cm²)

74

77207-0208

**FUSELAGE CARBON
XXXS**



Length (cm)

27.5

KG

0.18

77217-0211

**FUSELAGE CARBON
XXS**



Length (cm)

30

KG

0.18

77217-0210

**FUSELAGE CARBON
X-SHORT**



Length (cm)

33

KG

0.18

77207-0207

**FUSELAGE CARBON
SHORT**



Length (cm)

37

KG

0.19

77207-0204

**FUSELAGE CARBON
LONG**



Length (cm)

41

KG

0.20

77207-0205

Masts & spare parts

CARBON MAST 16

Key points

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

Delivered with cover



CARBON MAST 16
80 CM

77237-0701

CARBON MAST 16
85 CM

77237-0702



HM CARBON MAST 14

Key points

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

Delivered with cover



HM CARBON
MAST 14
75 CM *

77237-0710

HM CARBON
MAST 14
80 CM

77237-0711

HM CARBON
MAST 14
85 CM

77237-0712

HM CARBON
MAST 14
95 CM

77237-0713

HM CARBON
MAST 14
105 CM

77237-0714



ALU MASTS



KG	CM
0.61	45

77207-0601



KG	CM
0.78	55

77207-0602



KG	CM
1.00	65

77207-0603



KG	CM
1.16	75

77207-0604



KG	CM
1.35	85

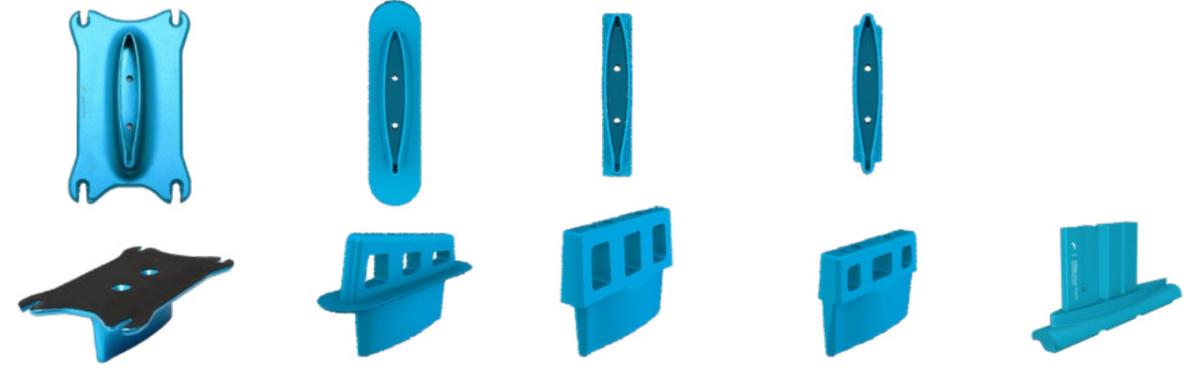
77207-0605



KG	CM
1.56	95

77207-0606

TOP AND BOTTOM PARTS



Mast top plate	Mast top tuttle	Mast top deep KF	Mast top KF	Titan mast foot
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KG	KG	KG	KG	KG
0.43	0.46	0.29	0.42	0.16

77247-0401

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
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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

Accessories

Interchangeable wing handles SYSTEM
Straps - Kitefoil - Wingfoil - Surf foil
Pumps

SOFT HANDLES



SIZES (CM)

FRONT HANDLE : 28 / 30
BACK HANDLE : 37

77241-2001

HYBRID HANDLES



SIZES (CM)

FRONT HANDLE : 28 / 30
BACK HANDLE : 37

77241-2010

HARD HANDLES



SIZES (CM)

FRONT HANDLE : 28 / 30
BACK HANDLE : 37

77241-2020

NEW

CARBON BOOM - STRIKE V4



SIZES (CM)

78 / 83 / 87 / 90 / 92 /
95 / 97 / 105

77241-2031

STRIKE V.4 & BOOM MATCHES

WING MODEL	WING SIZE (M ²)	BOOM SIZE (CM)
STRIKE V.4	2.0	78
STRIKE V.4	2.5	83
STRIKE V.4	3.0	87
STRIKE V.4	3.5	90
STRIKE V.4	4.0	92
STRIKE V.4	4.5	95
STRIKE V.4	5.0	97
STRIKE V.4	5.5	105

WINGS & HANDLES MATCHES

SQUARE METERS	2	2.5	3	3.5	4	4.5	5	5.5	6.0	7.0	8.0	9.0
FRONT HANDLE	28		30									
BACK HANDLE	37											

Straps - Kitefoil - Wingfoil - Surf foil

V-STRAPS FOILBOARD



Equipped with

x3 M6 screws

77228-8001

x3 Self tapping screws

77228-8002

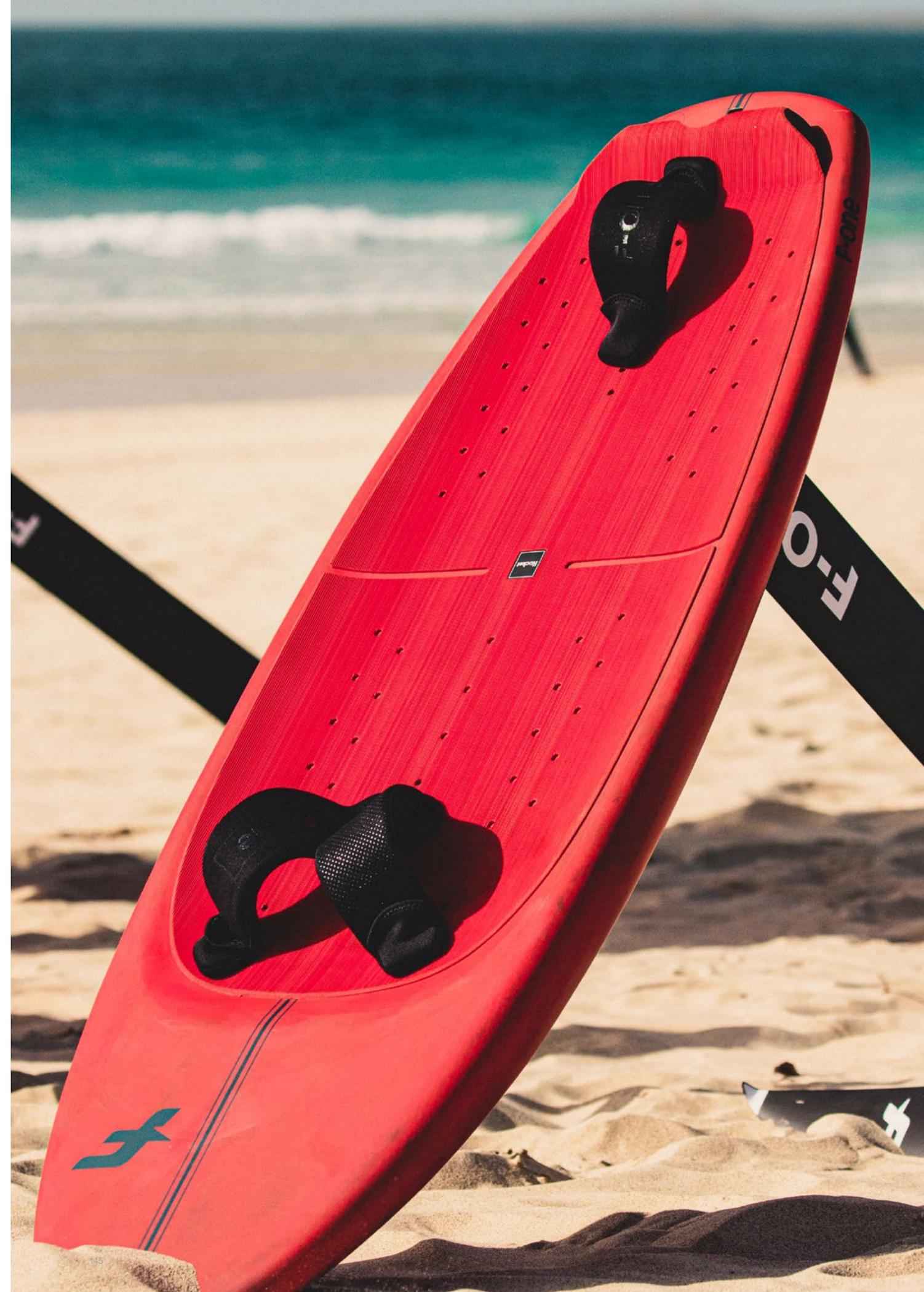
SURF STRAPS



Equipped with

x3 Self tapping screws

77224-8004



MAX FLOW F-ONE PUMP

FLAME



77241-8001

SOLD SEPARATELY

MINI PUMP F-ONE

FLAME



77221-8020

SOLD SEPARATELY





F-ONE SAS

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