



WING

11

SURF

11

KITE

LEVITAZ.COM



WAKE

For the best ride you need the best gear. Experience high performance with Levitaz and find out how a passion for innovation and our technical knowhow in the foil industry combine to produce superior equipment, designed to enable riders to step up their game in any conditions.

FLYSHIREER

Fly over water.

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OVERVIEW

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# HYDROFOLL TECHNOLOGY

The shape of the hydrofoil is the key element for the riding experience. Even the smallest variations in wing design and size, profile sections, laminate construction or surface finish can have the most dramatic effect on its performance. At Levitaz, we believe that the secret to creating the best hydrofoils is to precisely design and craft these key elements. With over 25 years of experience in manufacturing composite materials and many years of experience with hydrofoils, we have learned how to get it right.







# //

# PERFORMANCE

- Profile sections and surface transitions are optimized using CFD simulations and they have been tested under many different conditions to minimize drag.
- // The use of the best construction materials available on the market. Our ultra-high-modulus fibers offer at least three times the stiffness of standard fibers.
- // Levitaz brings the guality requirements and mindset of the race world series directly into serial production.





- Force flux optimized fairings result in a perfect hydrodynamic shape.
- // The precise manufacturing technique demonstrates the best form closure possible.
- // Levitaz hydrofoils are designed using meticulously finished materials.



# EVOLUTION

- // Levitaz hydrofoils grow with your skills and are adaptable to every condition. No matter which conditions you are facing, be prepared and enjoy your perfect day on the water.
- The great benefits of our hydrofoils are that all // parts are compatible with each other.\*
- // The unique connection system is simple, strong and stiff, and allows for a quick change of parts.

# QUALITY AND DURABILITY

- // Our materials are characterized by the perfect combination of durability and consistent high quality.
- // The use of non-corrosive materials such as high-value carbon, seawater-resistant stainless steel and titanium ensures longevity and offers unparalleled possibilities.
- // With classification certifications, our production processes have set a new benchmark in the watersports industry for high-quality products.

//

//

//

//

# EXPERIENCE



- //
- Made in Austria





More than 25 years of manufacturing experience with advanced composite materials

Production processes and an integrated guality management system based on classification standards

Many years of design experience with hydrofoils in the world series and freeride sector

100 % own hydrofoil development and production



# THE COMPANY BEHIND THE LEVITAZ BRAND

Geislinger GmbH equips the fastest ferries, the largest container ships, the biggest mining trucks and the largest wind turbines. The mechanical engineering company is driven by innovation and strives for exceeding the limits by manufacturing products of highest quality. The elements of water and wind are one field of application of products made by Geislinger. Not only the fastest gas-powered high-speed ferry relies on a shaft from Geislinger, but also the largest wind turbines in the world are equipped with couplings made by Geislinger.

With more than 25 years of experience in developing fiber composite couplings and shafts, and with extensive expertise in carbon fiber technology, Geislinger GmbH turned out to be the perfect partner for developing Levitaz Hydrofoils.

While the Levitaz development and innovation team is located at the headquarters in Salzburg, Levitaz Hydrofoils are produced exclusively at the state-of-the-art Geislinger production facility for carbon fiber composite products, located in Bad St. Leonhard, Austria. Geislinger is proud to guarantee that Levitaz hydrofoils are produced 100% at its own production site in Austria. The intense collaboration and exchange between the Levitaz R&D department, the production team, and the team riders sharpen the unique competitive edge of Levitaz.







# HYDRO FOILS



# SHAKA HA SERIES



High aspect pro-caliber wings that are designed for maximum glide, speed and performance. This series was created while having in mind the perfect lift to drag ratio as a basis for all design decisions. No matter if you go out with the wing or into the surf these hydrofoils will show that they are on the crest of the wave.

// // //

#### HA 1600 PRO

Despite the higher aspect ratio of 8.0 we managed to make the HA 1600 PRO extremely maneuverable by putting the wing's lift closer to the mast. In addition to this, a dihedral upward pitch provides for extra agility.



LIFT SPEED 5.3 KNOTS

## **Minimum drag**

# Maximum efficiency **Riding performance**

**AREA: 1600 cm<sup>2</sup>** SPAN: 111 cm AR: 8.0



# KITE // KITE RACE // WING // SURF // WAKE

#### HA 1600

The HA 1600 has the same outline and aspect ratio as the PRO edition but with an anhedral downward pitch starting on the base, and continuing to the wingtips to increase stability. This makes it slightly less agile but it provides for a great support in maneuvers.





AREA: 1600 cm² SPAN: 111 cm AR: 8.0

#### HA 1100

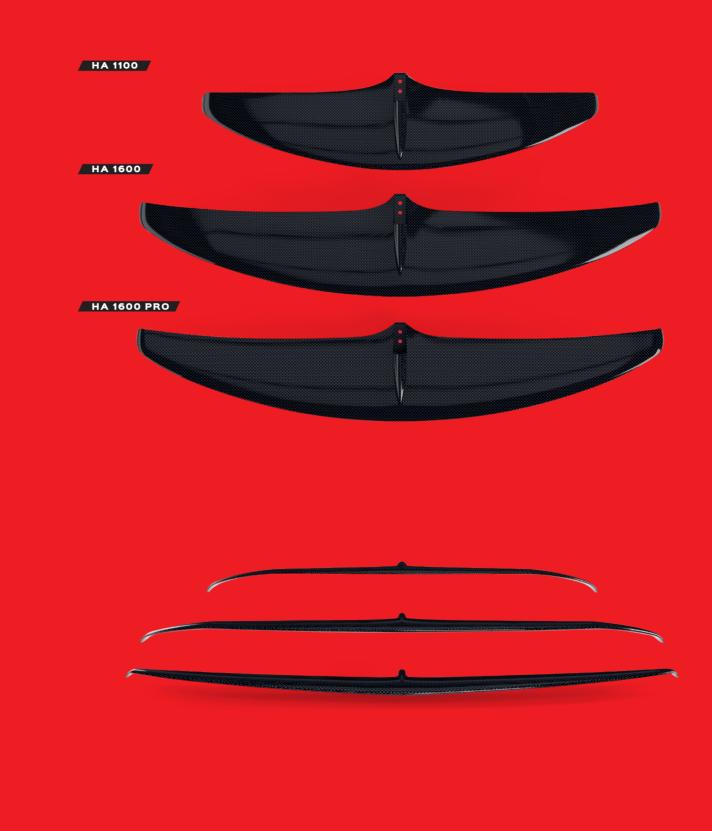
The 1100 is the little brother and we decreased the aspect ratio to 6.6 for more control in strong winds and bigger waves. But don't misjudge it, it is extremely fast for its size and does not hold back compared to its bigger siblings.





AREA: 1100 cm² SPAN: 85 cm AR: 6.6

# SHAKA HA SERIES OVERVIEW



# SHAKA SERIES

## // The perfect allrounder

- // Low to medium aspect ratio for versatility and control
- // Kite, wing, surf & wake

The Levitaz Shaka hydrofoil series is the choice for all your hydrofoiling styles. No matter what you plan to do, you will be covered with the Shaka Series. Three different sizes of front wings and an adjustable rear wing form a perfect combination for your foiling experience.

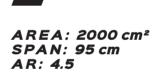
On top of the versatility of the front wings, the adjustable rear wing ensures the ideal setting for the riders ' needs. No matter if you are seeking to kite, wing, surf & wake there is no way around the Shaka Series!





LIFT SPEED 5.1 KNOTS ACCESSIBILITY ACCESSIBILITY ACCESSIBILITY ACCESSIBILITY MANEUVERABILITY ACCESSIBILITY ACCESSIBILITY TOP SPEED ACCESSIBILITY





#### Shaka L 2000

We have designed the Shaka L with an aspect ratio of 4.5 and a surface area of 2000 cm<sup>2</sup> for wing foiling in light winds and easy take offs. Due to its shape it is a great choice for wave foiling in smaller waves, downwind swell foiling or just pumping in calm water. Thanks to its low take-off speed and its constant increasing lift, even the smallest swell or waves become surfable with the 2000 cm<sup>2</sup> big front wing. These characteristics, together with the latest shape enable an efficient and playful pumping performance.

# KITE // KITE RACE // WING // SURF // WAKE

#### Shaka M 1500

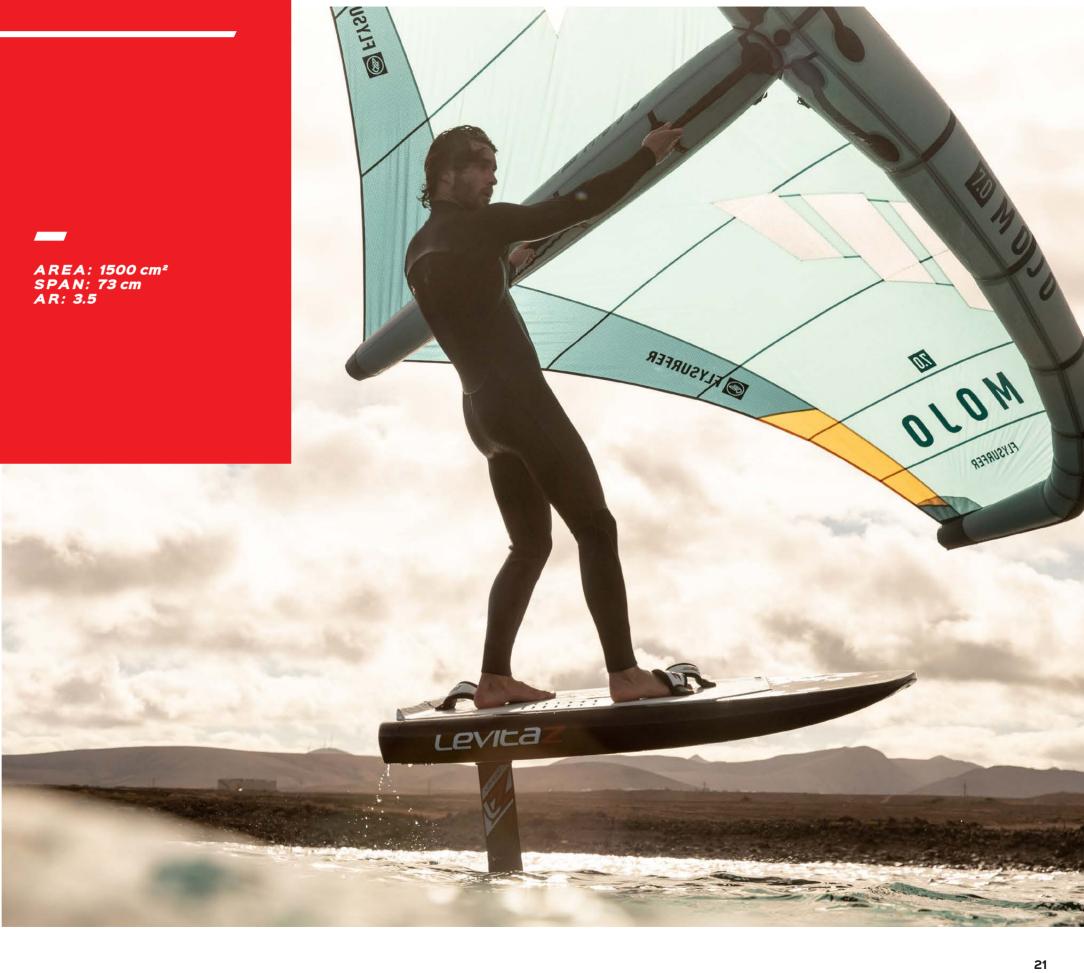


#### Shaka M 1500

The Shaka M has a surface area of 1500 cm<sup>2</sup>, and an aspect ratio of 3.5. With its minimal higher lift speed and constant increasing lift compared to the Shaka L, this setup is designed for more sporty riding at higher wind speeds for the wing or kite, surf foiling and SUP foiling in bigger waves or wake. The adjustable rear wing ensures the ideal setting for the riders ' needs.

When it gets bigger or windier, go for the Shaka M and "get stoked".





# KITE // KITE RACE // WING // SURF // WAKE





AREA: 1200 cm<sup>2</sup> SPAN: 68 cm AR: 3.8

#### Shaka S 1200

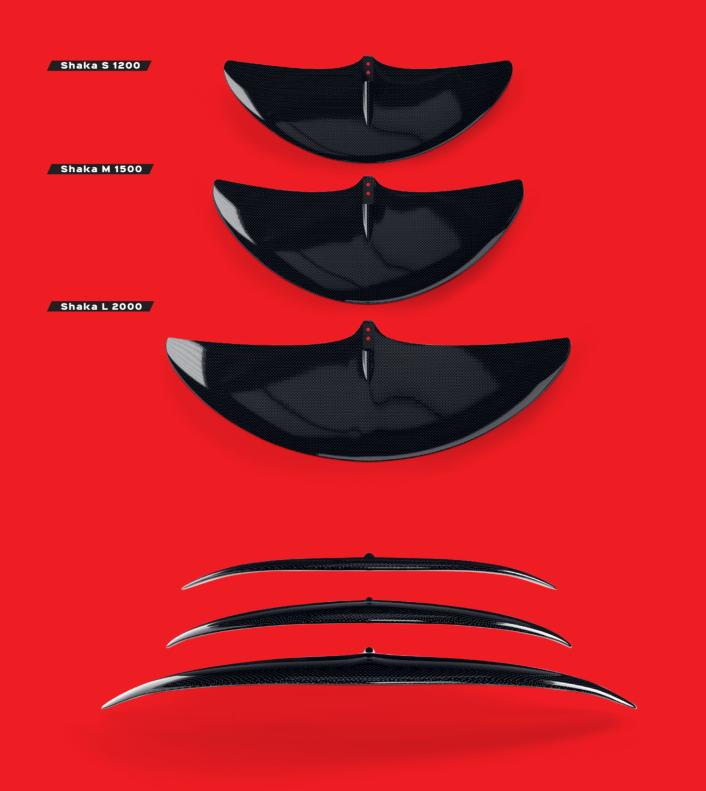
With a surface area of 1200 cm<sup>2</sup>, the Shaka S is the smallest wing in this series. However, due to its hydrodynamic efficient design and slightly higher aspect ratio of 3.8 compared to the Shaka M it is extremely versatile!

It is the perfect choice for the kitefoiler who wants to ride a stable setup without the risk to compromise when it comes to the top-end speed. Great in maneuvers and take off, this foil became our new favorite for freeriding.

When the wind gets strong, grab your wing and the Shaka S to have the session of your life! Going fast and jumping high whilst having a lot of control is the feedback we got from our riders. This is your choice for strong winds for the wing, big and fast waves, or tow-in. The Shaka S performs flawless in all these disciplines.



# SHAKA SERIES OVERVIEW



# CRUIZER



//



The Levitaz Cruizer is the most versatile hydrofoil in our range. This classic freeride foil scores with an enormous speed range which suits various riding styles. You will be thrilled being able to slow down and have the stability in order to make your maneuvers with confidence. Due to the modern hydrodynamic shape, the Cruizer is performing like a high performance foil.

Depending on the rear wing configuration, the Cruizer can be used for kite, wing, surf or wake sessions.

- LIFT SPEED 9.2 KNOTS
- MANEUVERABILITY PROFESSION

## // Wide lift surface

// Low drag enables huge speed range

> Great track stability



# ACCESSIBILITY -TOP SPEED

# ASPECT2

- Smooth stall behaviour ||
- Increased speed range //
- // Easy to control, yet uncompromising performance



The Aspect2 wing is created with a lower aspect ratio and rounded tips as compared to its predecessor. Therefore, the foil is easier to control and safer to ride without losing the radical performance of the previous model. The new shape offers a huge speed range which is underlined by its smooth stall behavior and the low stall speed.

Go fast and go big - this is your wing!

LIFT SPEED 9.8 KNOTS ACCESSIBILITY MANEUVERABILITY TOP SPEED 

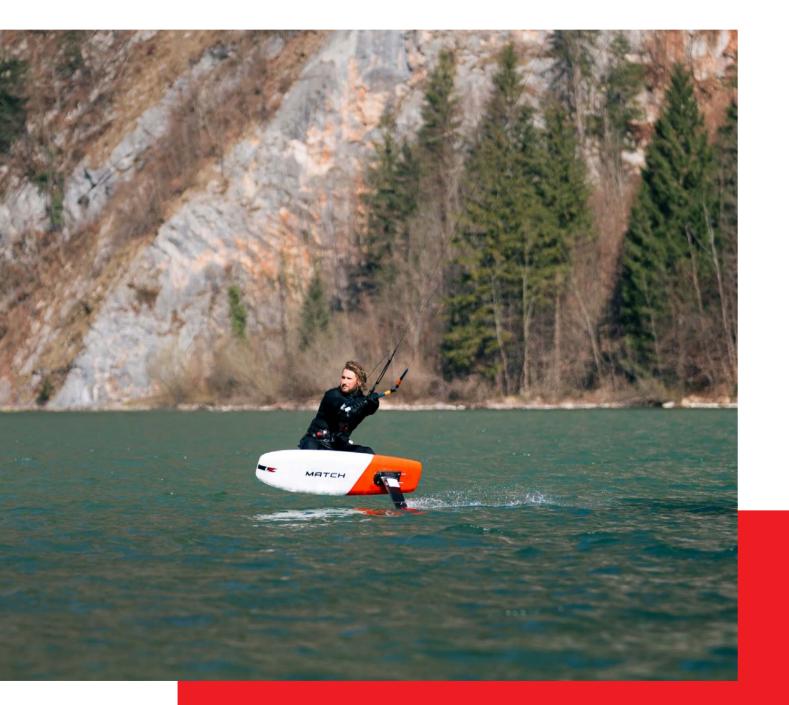






# KITE // KITE RACE // WING // SURF // WAKE

- **Enables top speeds** //
- Perfect balance between upwind // and downwind performance
- // **Combines agility and control in** all conditions.



# BIONIC

The Levitaz Bionic is the kite race foil within our modular portfolio. With its radical design, the Levitaz Bionic provides the lowest drag and consequently the most efficient upwind performance and highest speeds, expanding your range of possibilities to new spheres.



AREA: 500 cm<sup>2</sup> SPAN: 64 cm AR: 8.5

> ACCESSIBILITY MANEUVERABILITY





# LIFT SPEED 11.6 KNOTS

## KITE // KITE RACE // WING // SURF // WAKE



// Incredible high upwind and deep downwind angles

- // Impressive top speed
- // Outstanding bending and torsion stiffness



The Levitaz R5 Race Series is designed and built to meet the highest demands of the professional kitefoil racer. It achieves highest performance characteristics in every condition, from pushing hard in over 25 knots down to racing right on the lower wind limit. The foil design is highly ventilation resistant providing maximum trust in your ride - you will feel safe in every situation. The direct power transmission allows a purely intuitive way of balancing your kite, hydrofoil and riding position.

We have developed a unique stainless-steel box which is the heart of the foil and sets a new benchmark for stiffness, accurancy of fit and durability.

The R5 models enable the adjustment of the angle of incident to your personal preferences and particular conditions. Due to the innovative mechanism you can set your AOI without disassembling any part. The R5 can be adopted to every detail like your weight, board model with its scoop-rocker-line, foot strap and box position as well as to different riding conditions.

The adjustment is so simple the races.

The adjustment is so simple that this is even possible on the water between your

# **R5 RACE SERIES**



The R5 is developed for uncompromising performance on the race course which requires a strong riding style especially in tough conditions.

The Levitaz R5-S is designed with less span to ensure easier control in rough conditions and high speeds. Smaller riders appreciate the higher roll agility, which lets you maneuver from port to starboard with ease.

Our new front wing the R5-SX is characterized by a lower surface area and lower aspect ratio. The shape is optimized for fast reaching which makes it a perfect setup perfect setup for speed crossing or course racing for riders under 65kg in strong winds.



FW R5

FW R5-S



AREA: 525 cm<sup>2</sup>

SPAN: 69 cm

AR: 9.2





FW R5-SX AREA: 500 cm<sup>2</sup> SPAN: 65 cm AR: 8.5

#### R5

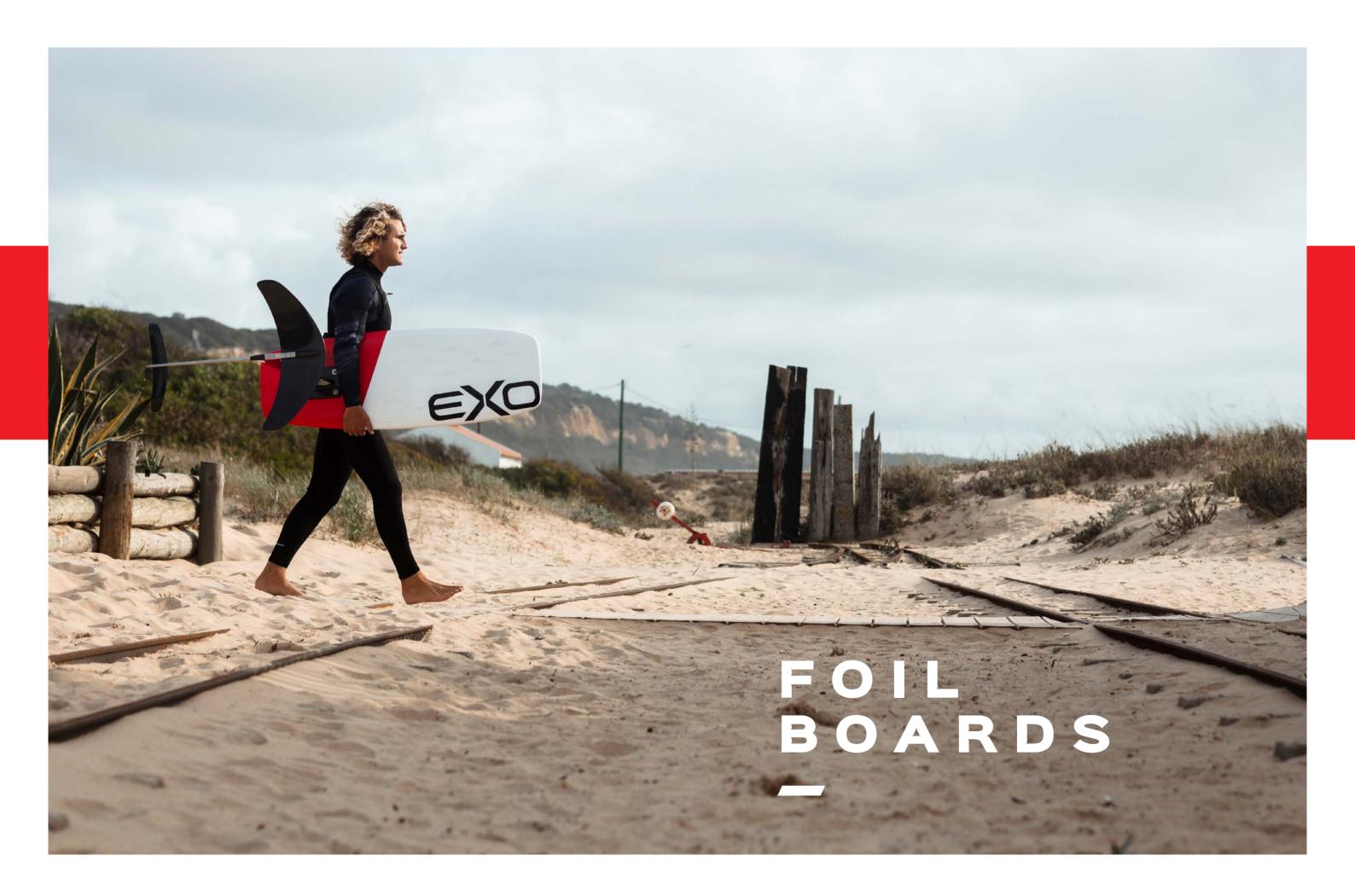
LIFT SPEED 11.4 KNOTS ACCESSIBILITY MANEUVERABILITY - -----TOP SPEED 

## R5-S LIFT SPEED 11.3 KNOTS ACCESSIBILITY MANEUVERABILITY -TOP SPEED UPWIND PERFECT

R5-SX LIFT SPEED 12.5 KNOTS

# MANEUVERABILITY ME ME ME TOP SPEED





# EXO POCKET

- // Its extreme compact shape makes it ideal for pumping and carving with the most direct connection to your foil.
- // The flat deck provides great control and awesome foot placement feedback. The traction pad with 4 mm center arch and kick enforces that comfort.
- // Flat beveled rails and rounded edges provide for a more forgiving ride.
- // Lightweight full carbon fiber construction combined with high density foam reinforcements in critical stress areas improve longevity and durability. The water-resistant foam core completes the premium construction.
- // Optional: Two strap positions for your back foot and three placement options for your front foot ensure a perfect stance.
- // The FUTURES. track system with industry standard 90 mm width offers maximum flexibility, durability, and proven performance.
- // Available with strap inserts and as strapless edition (SE)





WATERPROOF CORE

REINFORCEMENTS





96 X 44.5 X 3.4 cm (3<sup>2</sup>" X 17.5" X 1.3") 11 LITER











# EXO





125 X 44 X 4.6 cm (4´1" X 17.3" X 1.8") 19 LITER





WATERPROOF CORE

HIGH TENSILE REINFORCEMENTS

- 11 The hull is designed with flat beveled rails and and easy handling.
- 11 With its slight scoop-rocker and rounded, pulledin nose it ensures optimal planning and smooth touchdowns.
- 11 The flat-shaped deck provides great
- // Lightweight full carbon fiber construction combimium construction.
- 11 Four strap positions for your back foot and five placement options for your front foot ensure a of mounting a center strap, V-strap or two front straps for all your foil riding styles.
- 11 and proven performance.





# rounded edges which provide a more forgiving ride

control and an awesome foot placement feedback.

ned with high density foam reinforcements in critical stress areas improve longevity and durability. The water-resistant foam core completes the pre-

perfect stance. Additionally, you have the choice

The FUTURES. track system with industry-standard 90mm width offers maximum flexibility, durability

# MATCH

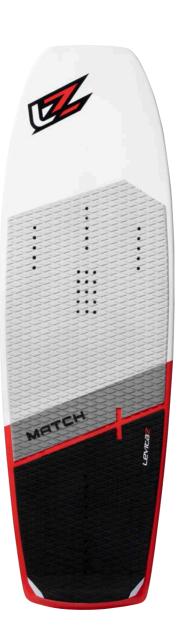




WATERPROOF CORE

REINFORCEMENTS

- // The Match is the perfect all-round freeride board, from making your first flight attempts on the foil till powerful freeriding. It matches almost every riding style, the perfect choice for you.
- // The slightly concave deck and its bottom shape with rounded bevels and edges provide more board control in every touchdown situation.
- // The double skin glass fiber construction with carbon reinforcements in critical stress areas improve longevity and durability. The water-resistant foam core converts the board into a loyal companion.
- // Four strap positions for your back foot and five placement options for your front foot ensure a perfect stance. Additionally, you have the choice of mounting a center strap, V-strap or two front straps for all your foil riding styles.
- // The FUTURES. track system with industry-standard 90mm width offers maximum flexibility, durability, and proven performance.













142 X 44 X 4.5 cm (4<sup>'</sup>8" X 17.3" X 1.8") 21 LITER

# RAZE





1000



141 X 39 X 8.1 cm (4'7.5" X 15.5" X 3.2") 26 LITER





3 MM PVC SANDWICH

HIGH TENSILE REINFORCEMENTS

- Designed with a slightly convex deck for optimal // touch-downs and help to avoid catching on the water surface when going upwind.
- The raised rocker line provides a balanced feel and 11 best control upwind and downwind.
- 11 and for best control.
- Three strap positions for your back foot and five 11 to your personal preferences.
- 11 The board is equipped with a strongly reinforced built-in and custom made tuttle box for optimum power transmission from the foil to the board.



DOUBLE SKIN

control and power transmission to the board. The strong beveled rails with slightly convex surfaces and rounded edges provide for neutral and smooth

It comes with a deck grip varnish for lowest weight

placement options for your front foot are available to fine-tune your stance. You can choose between mounting one V-strap or two front straps according

# BOOM 108/94





162.5 X 65 X 11 cm (5<sup>4</sup> X 25 5/8" X 4 2/8") 94 LITER



162.5 X 65 X 13 cm (5<sup>4</sup>" X 25 5/8" X 5 1/8") **108 LITER** 





WATERPROOF CORE

HIGH TENSILE REINFORCEMENTS

- // ability.
- It comes with a flat bottom tail shape for early // planning, concave in the center and double concave towards the nose for maximum control and smooth touchdowns.
- // siveness when foiling and jumping.
- 11 The slight deck concave in combination with the grooved traction pad with kick delivers intuitive foot placement feedback.
- // your stance to help you balancing with ease.
- // Equipped with deck and bottom handle for easy or without mounted foil.
- // gled center strap for a surfier board feeling.
- // 90mm width offers maximum flexibility, durability and proven performance.





FULL CARBON CONSTRUCTION

This board is designed for wing foiling. The focus is on very early planning, easy control and jumping

The tail's trailing edge is shaped sharp for earliest planning ability with minimum drag. The front area is designed narrower and thinner for more respon-

The short length makes it easy to pump, and jump. The board volume is concentrated in the center of

carrying of board and wing in every situation - with

Various strap positions for your back and your front foot ensure a perfect stance. Additionally, you have the choice of mounting two front straps or one an-

The FUTURES. track system with industry-standard

# KITE // KITE RACE // WING // SURF // WAKE

# BOOM 48



BCOM"

0\$



162.5 X 54.5 X 8 cm (5<sup>4</sup>" X 18 1/8" X 3 1/8") **48 LITER** 







WATERPROOF CORE

REINFORCEMENTS

- 11 winds.
- 11 The board features a special bottom shape in the tail area: The angle of the V-shaped tail kick is and foiling. This shape reduces the surface area wave riding.
- 11 The beveled rounded rails provide for neutral and the waves in tight turns.
- 11 A slightly concave deck in combination with a grroved traction pad with kick delivers intuitive foot placement feedback.
- 11 Various strap positions for your back foot and your angled center strap for a surfier board feeling.
- // and proven performance.









The shape is developed to be used for surf foiling and wing foiling. Easy to catch waves when surf foiling, playful and agile for wing foiling in strong

designed to allow for maximum speed until takeoff for a quick and clean release, pumping ability and

smooth touchdowns and help to avoid catching on

front foot ensure a perfect stance. Additionally, you have the choice of mounting two front straps or one

The FUTURES. track system with industry-standard 90mm width offers maximum flexibility, durability

# OVERVIEW FRONT WINGS

## SHAKA HA SERIES

#### WING // SURF // WAKE



# CRUIZER

#### KITE // WING // SURF // WAKE

CRUIZER

SKU //	G435792
WING AREA //	1000 cm <sup>2</sup>
SPAN //	63 cm
ASPECT RATIO //	4.2

# BIONIC

#### KITE // KITE // RACE

BIONIC



SKU //	G437588/G4	35986 (R2R)
WING A	AREA //	500 cm <sup>2</sup>
SPAN //	/	64 cm
ASPECT RATIO //		8.5

# SHAKA SERIES

#### KITE // WING // SURF // WAKE



SKU // G452138 WING AREA // 2000 cm<sup>2</sup> 95 cm SPAN // ASPECT RATIO //

4.5



3.5

ASPECT RATIO //



SKU // G451293 WING AREA // 1200 cm<sup>2</sup> SPAN // 68 cm ASPECT RATIO // 3.8

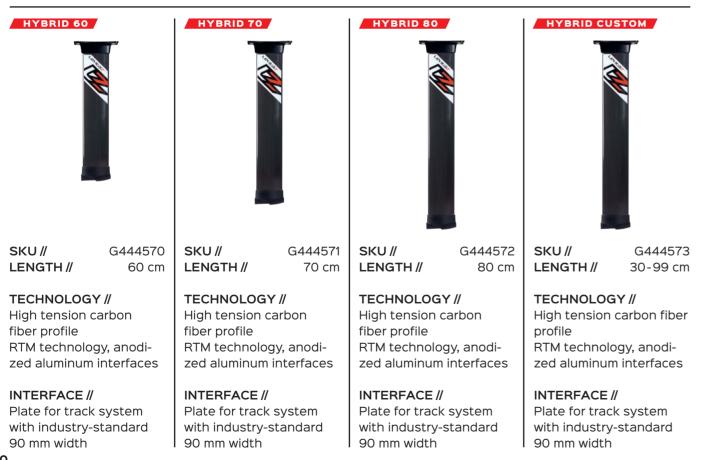


SKU // WING AREA // SPAN // ASPECT RATIO // G442230 625 cm<sup>2</sup> 56 cm 4.2



# HYBRID

#### KITE // KITE RACE // WING // SURF // WAKE

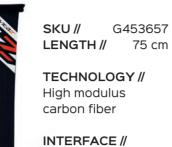


# FULL CARBON

#### KITE // WING // SURF // WAKE

FULL CARBON 75

## FULL CARBON 90



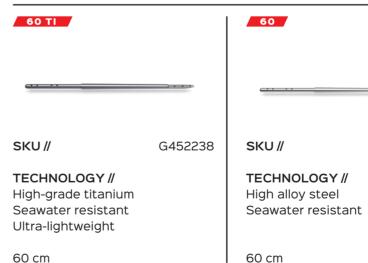
G453657

Plate for track system with industry-standard 90 mm width

INTERFACE // Plate for track system with industry-standard 90 mm width

# OVERVIEW FUSELAGES

## KITE // KITE RACE // WING // SURF // WAKE



G451572 SKU // LENGTH // 90 cm

TECHNOLOGY // Hiah modulus carbon fiber

#### FULL CARBON P 110



SKU // G437359 LENGTH // 110 cm

TECHNOLOGY // Ultra-high modulus carbon fiber Prepreg Technology

INTERFACE // Plate for track system with industry-standard 90 mm width

	55	
1		
G437305	SKU //	G437306
	<b>TECHNOLOGY //</b> High alloy steel Seawater resistant	
	55 cm	

# OVERVIEW REARWINGS

## KITE // KITE RACE // WING // SURF // WAKE



# R5 RACE SERIES

KITE RACE //



#### KITE RACE //

R5 V1



SKU // G448528 LENGTH // 112 cm TECHNOLOGY // Ultra-high modulus carbon fiber Prepreg technology INTERFACE // Tuttle Box

### KITE RACE //







SKU // G448537 LENGTH // 112 cm

**TECHNOLOGY //** Ultra-high modulus carbon fiber Prepreg technology

INTERFACE // Tuttle Box

SKU //
WING AREA //
SPAN //
ASPECT RATIO //

G444312 185 cm<sup>2</sup> 39 cm 8.2





## **BOOM 108/94**

#### WING





#### BOOM 108

SKU // G446813 CORE // 50K waterproof foam core GLASSING // Full carbon construction

#### **REINFORCEMENTS** //

Carbon patch reinforcements in critical stress areas. Ultra high density PET honeycomb for the interface

DIMENSIONS // VOLUME // FOILMOUNT //

162.5 X 65 X 13 cm 108 I Sliding track system

#### B00M 94

SKU // CORE // GLASSING //

G446812 50K waterproof foam core Full carbon construction

94 I

#### **REINFORCEMENTS** //

Carbon patch reinforcements in critical stress areas. Ultra high density PET honeycomb for the interface

DIMENSIONS // 162.5 X 65 X 11 cm VOLUME // FOILMOUNT // Sliding track system

# **BOOM 48**

#### WING // SURF

#### BOOM 48





SKU // CORE // GLASSING //

G443578 50K waterproof foam core Full carbon construction

#### **REINFORCEMENTS** //

Carbon patch reinforcements in critical stress areas. Ultra high density PET honeycomb for the interface

DIMENSIONS // VOLUME // FOILMOUNT //

162.5 X 54.5 X 8 cm 48 I Sliding track system



## MATCH

## KITE // WAKE

#### МАТСН





SKU // CORE // GLASSING // G446809 Closed cell core (XPS) Double skin fiberglass construction

#### REINFORCEMENTS //

Carbon patches in critical stress areas. Ultra high density foam for the interface Paulownia wood stringer

DIMENSIONS // VOLUME // FOILMOUNT // 142 X 44 X 4.5 cm 21 I Sliding track system EXO

### KITE // WAKE

EXO





#### SKU // CORE // GLASSING //

G446807 Closed cell core (XPS) Full carbon construction

#### REINFORCEMENTS //

Carbon patches in critical stress areas Ultra high density foam for the interface Paulownia wood stringer

DIMENSIONS // VOLUME // FOILMOUNT // 125 X 44 X 4.6 cm 19 I Sliding track system



## EXO POCKET

#### 

EXO POCKET





SKU //	G4468
CORE //	Clo
GLASSING //	

446808 / G443577 (SE) Closed cell core (XPS) Full carbon construction

#### REINFORCEMENTS //

Carbon patches in critical stress areas. Ultra high density foam for the interface Paulownia wood stringer

DIMENSIONS //	96 x 44.5 x 3.4 cm
VOLUME //	11
FOILMOUNT //	Sliding track system

// Available with strap inserts and as strapless edition (SE)

# RAZE

## **KITE RACE**

RAZE





SKU // CORE // GLASSING // G446811 Lightweight EPS Full Carbon Double Skin

#### REINFORCEMENTS //

3 mm PVC sandwich on deck and bottom Carbon patch reinforcements in critical stress areas. Ultra high density foam in the box area

DIMENSIONS // VOLUME // FOILMOUNT // 141 X 38 X 8.1 cm 26 I Tuttle box

# BAGS8 PROTECTION

Levicaz

// Fo
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For the best ride you need the best gear. And the best gear needs the best protection.

Levitaz offers various covers and bags for your most loved gear.

These accessories are especially tailored to meet foilers' requirements in order to protect your hydrofoil – mounted as well as dismounted – in the best way.



LEVITAZ.COM

