



PRODUCT GUIDE
2018 / 2019



Let the new season begin!

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 know-how in the foil industry combine to produce superior equipment – designed to enable riders to step up their game in any conditions.

Fly over water



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// FOIL TECHNOLOGY

The shape of the foil is the heart and soul of 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 foils is to precisely design and craft these key elements. With over 25 years of experience in manufacturing composite materials, we have learned how to get it exactly right.

FIVE REASONS TO FLY LEVITAZ FOILS

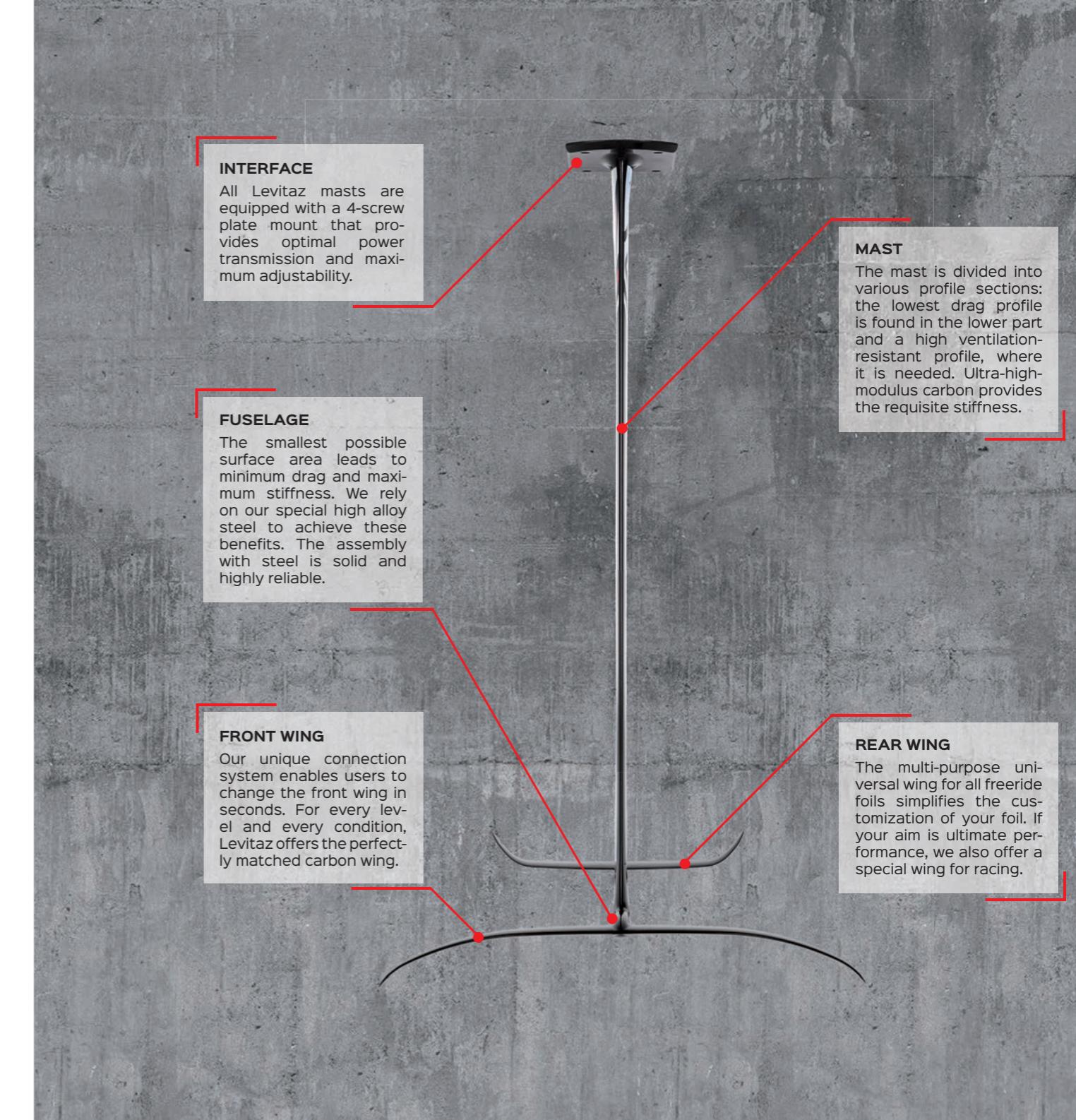
REASON // ONE

PERFORMANCE

// Profile sections and surface transitions are optimized using CFD simulations to obtain the highest possible stiffness.

// We use 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 quality requirements and mindset of the race world series directly to its serial production process.



REASON // TWO

DESIGN

// Force flux optimized fairings result in a nearly perfect hydrodynamic shape.

// The precise manufacturing technique demonstrates the best possible form closure.

// Levitaz foils are designed using meticulously finished materials.



REASON // THREE

EVOLUTION

// Levitaz foils 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 foils 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.



REASON // FOUR

QUALITY & 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 and seawater-resistant stainless steel ensures longevity and offers unparalleled possibilities.

// With automotive-industry certifications, our production processes have set a new benchmark in the watersports industry for high-quality products.

REASON // FIVE

EXPERIENCE

Levitaz is the combination of...

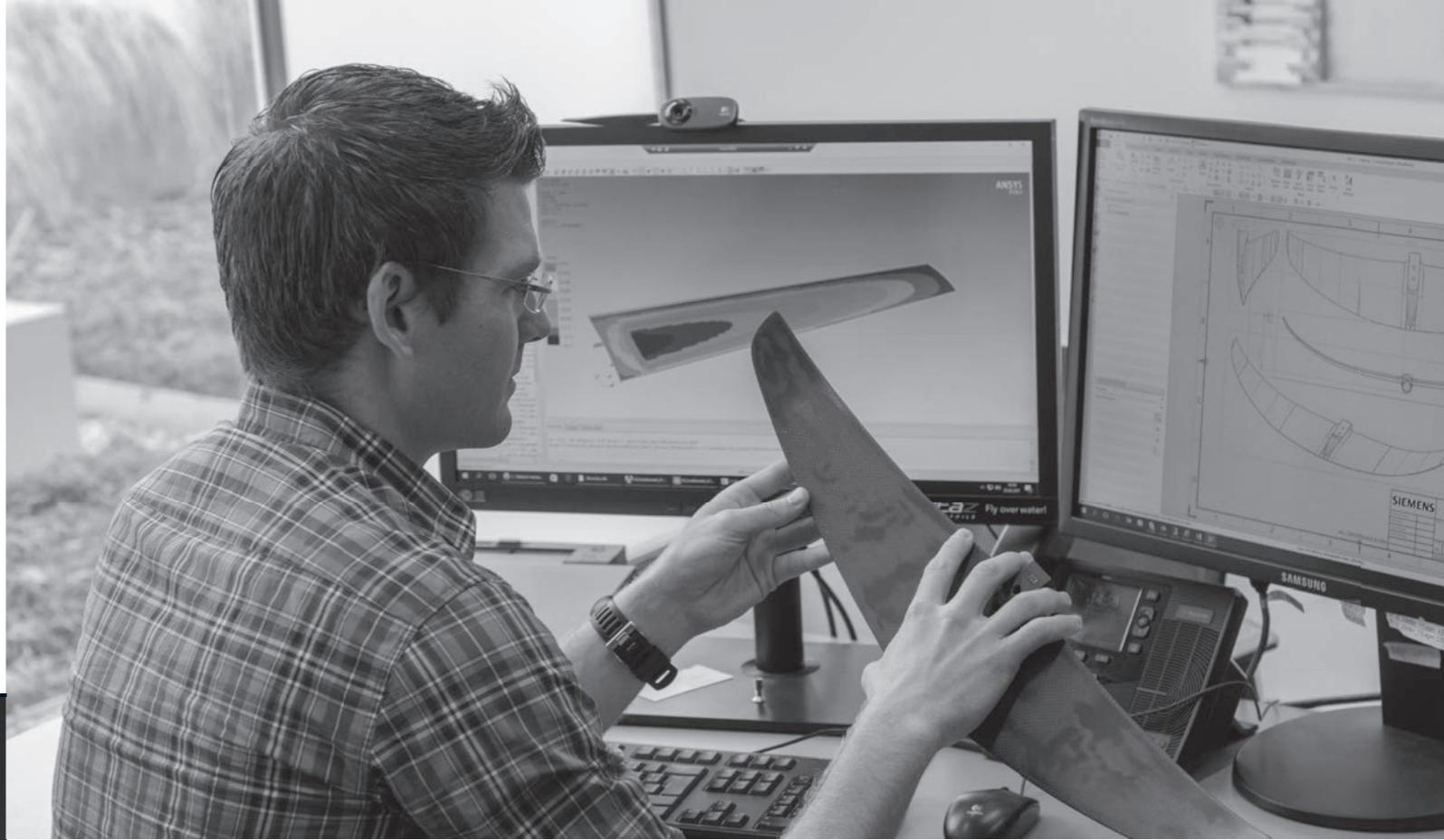
- // More than 25 years of manufacturing experience with advanced composite materials
- // Production processes and an integrated quality management system based on automotive standards
- // Many years of design experience with kitefoils in the world series and freeride sector
- // 100 % own foil development and production
- // Made in Austria - Europe

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. Innovation and exceeding the limits by producing products of the highest quality drives the mechanical engineering company. The elements of water and wind are one field of application of products by Geislinger. Not only the fastest gas-powered high-speed ferry relies on a shaft by Geislinger, but also the largest wind turbines in the world are equipped with couplings by Geislinger.

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

While the Levitaz development and innovation team is located at the headquarters in Salzburg, Levitaz Kitefoils 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 Kitefoils 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 gives Levitaz a unique competitive advantage.



// HYBRID TECHNOLOGY



YOUR CHOICE



Combines the robustness and easy handling of an aluminum mast with the performance of a full carbon mast.

YOUR LENGTH



CARBON FIBER

The low-drag carbon fiber design offers the best performance. The integrated fibers have been adapted especially to the direction of loading.

Varying angle-oriented carbon weaves ensure maximum stiffness in bending and torsion to provide riders with strong support and a feeling of tight control.



ANODIZED ALUMINUM



The interfaces are made of high-strength anodized aluminum. The thin-wall design reduces weight and provides maximum durability.

To handle a flux of forces, it is designed with a plate connection. Injected adhesive further ensures a durable, high-performance connection. Riders can enjoy the mast without worrying about connections loosening or water getting into the product.



LZ INTERFACE

The lower section is equipped with the proven and reliable Levitaz connection system, which is simple, strong and stiff, and allows for a quick change of parts.

As a result, the mast works with all existing Levitaz parts, and makes for a great way to expand your possibilities.

// FOIL VARIETY

PRE-CONFIGURED FOILS

The innovative design enables a combination of various front and rear wings, as well as different fuselage and mast lengths. Therefore the foil can be adapted to every condition, rider level or location.

We offer riders four different pre-configured foil setups, which are perfectly matched to the requirements of the application and user.

Our performance charts show our areas of focus for the setup configurations:



Accessibility

describes the necessary foiling ability or rather how challenging the foil is to fly. A higher rating indicates the model is easier to access.

Getting up

describes the speed level when the foil starts to fly. The higher the riding speed, the more lift a foil creates. Higher scores mean the model starts hovering at lower speeds.

Maneuverability

shows how agile the foil responds. The higher the rating, the better the turning track stability.

Top speed

is influenced by the foil's shape and its angle of attack. A high score stands for higher speeds.

Upwind

is a decisive factor. Foiling allows riders to travel at unbelievable angles to the wind. There are differences in the upwind performance due to volume, hydrodynamic shape and the resulting drag. A high rating indicates the foil's upwind ability.

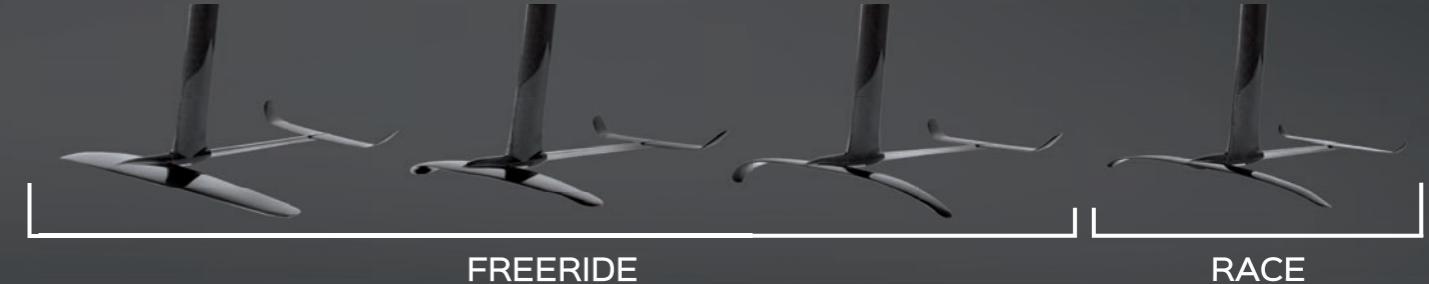
// CHOOSE YOUR FAVORITE FOIL MODEL

CRUISER

ELEMENT

ASPECT

BIONIC



// CUSTOMIZE YOUR FOIL & CHOOSE YOUR FAVORITE ① MAST



Depending on your riding level or style, preferred location or conditions, you can personalize your foil with the suitable mast, front wing, fuselage and rear wing.

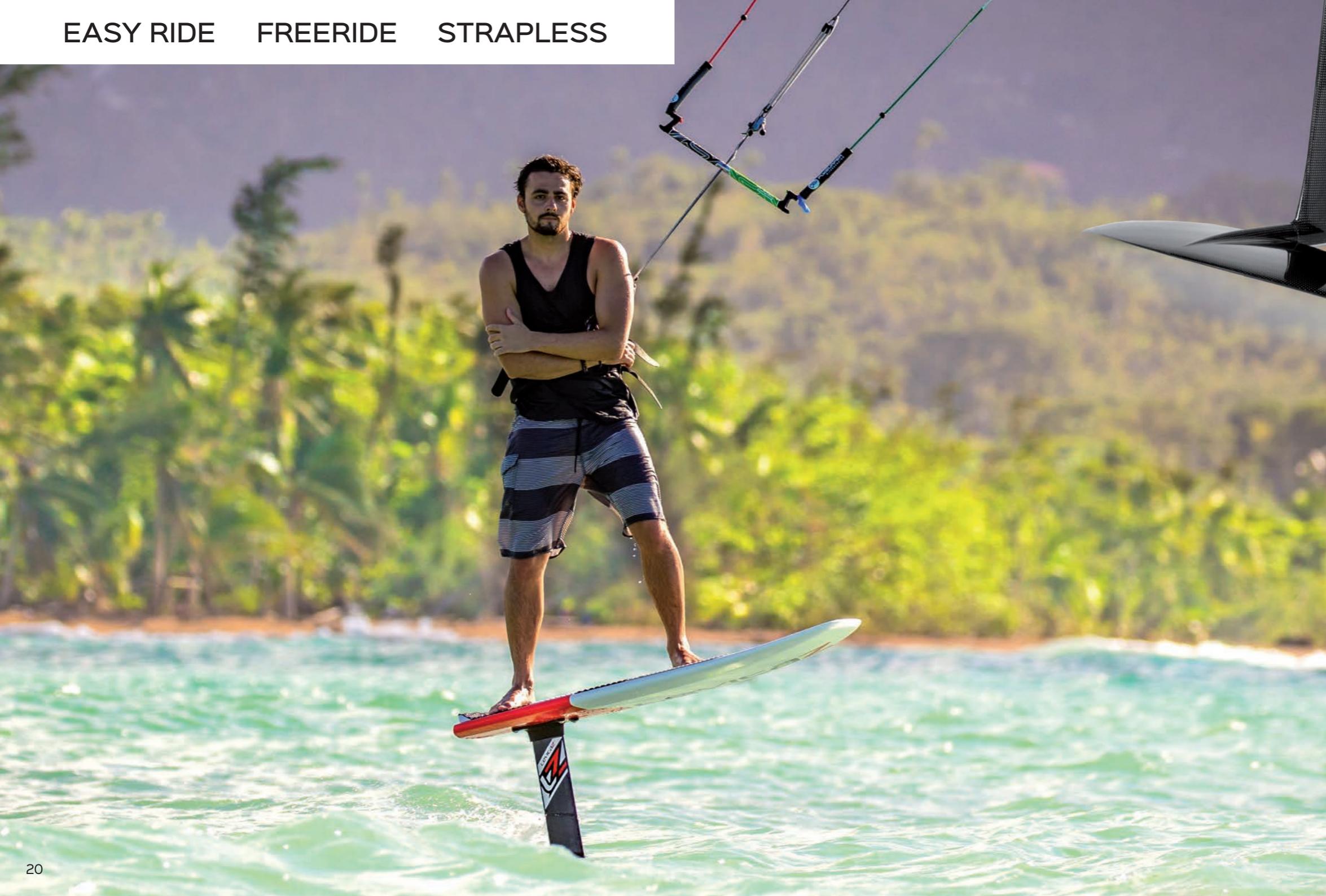
You'll find the perfect setup!



**YOU ARE INDIVIDUAL
AND SO IS YOUR FOIL.**

FREIERIDE

EASY RIDE FREERIDE STRAPLESS



- // Low take-off speeds
- // Wide lift surface
- // Huge speed range
- // Great track stability



THE **CRUIZER**

The Levitaz Cruizer is the perfect choice for your first steps on a kitefoil. Requiring just a low take-off speed, the wide lift surface of the front wing makes it possible to start hovering early. Thanks to its modern hydrodynamic shape, the Cruizer shows characteristics of a high performance foil. Riders who love to cruise, first-time fliers, and strapless riders, truly get their money's worth.

| | |
|-----------------|--------|
| Accessibility | ██████ |
| Getting up | ██████ |
| Maneuverability | ██████ |
| Top speed | ██████ |
| Upwind | ██████ |

- // High maneuverability
- // Great all-rounder for freeride and freestyle performance

THE ELEMENT

The Levitaz Element is the classic freeride foil. High maneuverability is one of its key features. Even the smallest turns can be maneuvered without any loss of speed. Due to the low drag of the foil, the Levitaz Element provides astonishing upwind capabilities. The perfect balance between accessibility, stability and maneuverability makes this versatile model ideal for intermediate foilers.





// Speed-oriented for optimal control at high speeds
// Excellent upwind performance



THE **ASPECT**

The Levitaz Aspect is the freeracer in the Levitaz foil collection. For everyone who wants to get into racing or loves long distance sessions, the Aspect offers the performance to match. The high aspect ratio front wing lowers the water resistance to reach top speeds. And great control at high speeds is one of its strengths. With its unique features, the Aspect also provides amazing jumping capabilities. Advanced foilers will love the sporty performance of our freerace foil.

| | |
|-----------------|---|
| Accessibility | █ █ █ □ □ |
| Getting up | █ █ □ □ □ |
| Maneuverability | █ █ █ □ □ |
| Top speed | █ █ █ □ □ |
| Upwind | █ █ █ █ □ |



THE RUSH OF
ADRENALINE.

+ RACE

- // Combines agility and control in any condition
- // Enables top speeds
- // Perfect balance between upwind and downwind performance

THE **BIONIC**

The Levitaz Bionic is the ultimate racing machine. As proven in the world series, the Bionic is one of the most used foils by the world's top riders. 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.

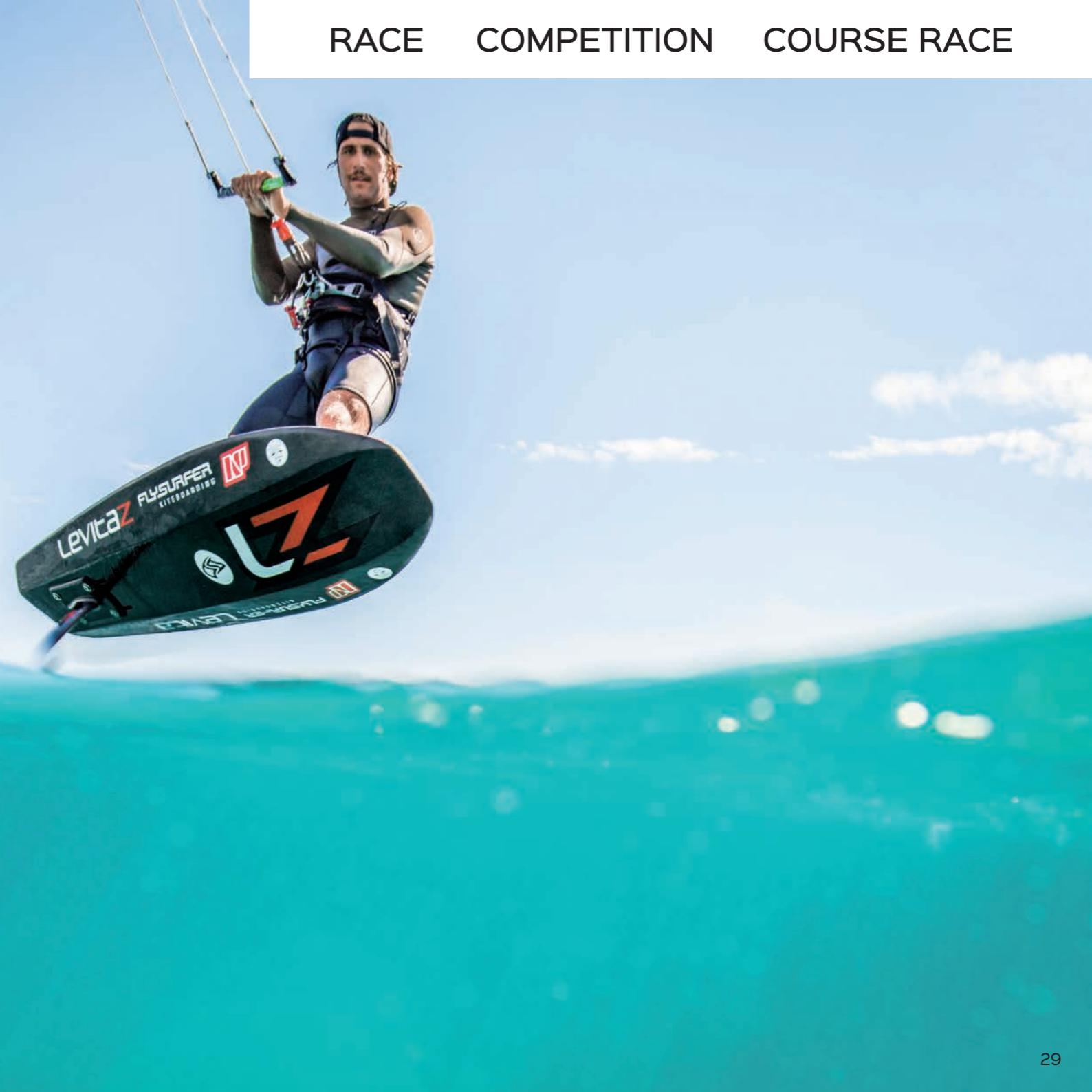
Accessibility █ █ █ █

Getting up █ █ █ █

Maneuverability █ █ █ █

Top speed █ █ █ █

Upwind █ █ █ █



OVERVIEW

KITEFOILS

| Product Name | SKU | Mast Configuration | | |
|---|-----------|--|--------|-------------|
| | | Technology | Length | Interface |
| CRUIZER | | | | |
|  | LEV400200 | Hybrid | 60 cm | Plate |
| | LEV400210 | Hybrid | 80 cm | Plate |
| | LEV400110 | Full Carbon | 96 cm | Plate |
| | LEV400100 | Full Carbon | 96 cm | Deep tuttle |
| | | | | |
| | | Accessibility   Getting up   Maneuverability   Top speed   Upwind   | | |
| ELEMENT | | | | |
|  | LEV200210 | Hybrid | 80 cm | Plate |
| | LEV200110 | Full Carbon | 96 cm | Plate |
| | LEV200100 | Full Carbon | 96 cm | Deep tuttle |
| | | | | |
| | | Accessibility   Getting up   Maneuverability   Top speed   Upwind   | | |

| Product Name | SKU | MAST Configuration | | |
|---|-----------|--|--------|-------------|
| | | Technology | Length | Interface |
| ASPECT | | | | |
|  | LEV100210 | Hybrid | 80 cm | Plate |
| | LEV100110 | Full Carbon | 96 cm | Plate |
| | LEV100100 | Full Carbon | 96 cm | Deep tuttle |
| | LEV100120 | Full Carbon | 110 cm | Plate |
| | | | | |
| | | Accessibility   Getting up   Maneuverability   Top speed   Upwind   | | |
| BIONIC | | | | |
|  | LEV300110 | Full Carbon | 96 cm | Plate |
| | LEV300100 | Full Carbon | 80 cm | Deep tuttle |
| | LEV300120 | Full Carbon | 110 cm | Plate |
| | LEV300130 | Prepreg | 110 cm | Plate |
| | LEV300140 | Prepreg/R2R | 110 cm | Plate |
| | | | | |
| | | Accessibility   Getting up   Maneuverability   Top speed   Upwind   | | |



OVERVIEW

FRONT WINGS

REAR WINGS

WINGS

| Product Name | SKU | Range of Application | Characteristics | Wing Area | Span | Root Chord | Aspect Ratio |
|---|-------------------|------------------------------------|--|---------------------|--------|------------|--------------|
| CRUIZER  | G435792 | Easy Ride Freeride Strapless | Low take-off speed Wide lift surface Highest stability | 989 cm ² | 632 mm | 190 mm | 4.2 |
| ELEMENT  | G429376 | Freestyle Freeride All-round | High maneuverability | 679 cm ² | 501 mm | 163 mm | 3.9 |
| ASPECT  | G429188 | Freeride Big Air Freerace | Speed oriented Excellent upwind performance | 578 cm ² | 598 mm | 118 mm | 7 |
| ASPECT HW  | G431773 | Freerace Big Air Race | Strong wind Overpowered conditions | 385 cm ² | 581 mm | 94 mm | 10 |
| BIONIC  | G437588 [G435986] | Race Course race | Course Race balanced [also available with R2R Finish] | 506 cm ² | 641 mm | 114 mm | 8.5 |

| Product Name | SKU | Recommended Combinations | Characteristics | Wing Area | Span | Root Chord | Aspect Ratio |
|--|-------------------|---|---|---------------------|--------|------------|--------------|
| FREERIDE  | G429187 | Cruizer Element Aspect Aspect HW Freeride Fuselage | Great stability Versatile usage for all Freeride foils | 239 cm ² | 379 mm | 70 mm | 7 |
| BIONIC  | G438213 [G440537] | Aspect Aspect HW Bionic Bionic Fuselage | Course Race balanced [also available with R2R Finish] | 190 cm ² | 380 mm | 65 mm | 8.5 |

FUSELAGES

| Product Name | SKU | Recommended Front wing | Recommended Rear wing | Lenght | Characteristics |
|--|---------|---|-----------------------|--------|---|
| FREERIDE  | G429184 | Cruizer Element Aspect Aspect HW | Freeride | 65 cm | Great pitch stability Versatile usage for all Freeride foils |
| BIONIC  | G435792 | Aspect HW Bionic Bionic R2R | Bionic | 55 cm | Low drag Highest maneuverability |

OVERVIEW

HYBRID FULL CARBON

| Product Name | SKU | Range of Application | Length | Technology | Interface |
|--|---------|---|----------|---------------------------------------|------------------------------|
| HYBRID 60  | G438269 | Beginner Easy Foiling Freeride Freestyle | 60 cm | Anodized aluminum RTM carbon fiber | 4 screw plate 165 x 90 mm |
| HYBRID 80  | G438270 | Beginner Easy Foiling Freeride Freestyle Wave | 80 cm | Anodized aluminum RTM carbon fiber | 4 screw plate 165 x 90 mm |
| HYBRID CUSTOM  | G438271 | All conditions and levels | 30-99 cm | Anodized aluminum RTM carbon fiber | 4 screw plate 165 x 90 mm |
| FULL CARBON 96 PLATE  | G436225 | Freeride Freestyle Freerace | 96 cm | Full Carbon | 4 screw plate 165 x 90 mm |
| FULL CARBON 96 DEEP TUTTLE  | G436665 | Freeride Freestyle Freerace | 96 cm | Full Carbon | Deep Tuttle |
| FULL CARBON 110 PLATE  | G436135 | Freeride Freerace Race | 110 cm | Full Carbon | 4 screw plate 165 x 90 mm |

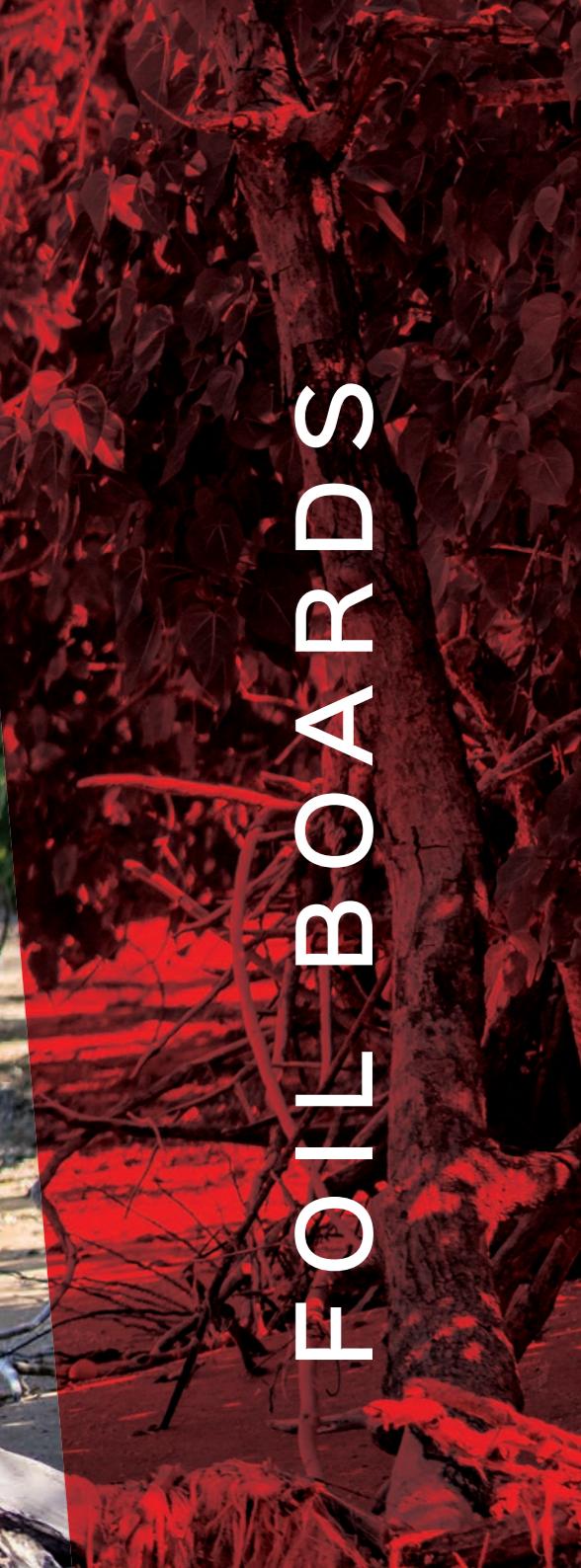
RACE

| Product Name | SKU | Range of Application | Length | Technology | Interface |
|--|---------|----------------------|--------|---------------------|------------------------------|
| RACE PREPREG 110 PLATE  | G437359 | Race Competition | 110 cm | Full Carbon Prepreg | 4 screw plate 165 x 90 mm |





FOILBOARDS



// BOARD TECHNOLOGY

Levitaz boards were completely redesigned as part of a quality initiative. Only the best materials were used: cores of XPS, which never absorbs water, as well as robust carbon reinforcements in critical areas, make LZ foil boards a trusted companion. The foil mount is connected using the reliable track system and two US-boxes, which combined with the five-position foot strap inserts offer endless adjustment options.

CORE //

XPS-EXTRUDED CLOSED CELL CORE

The heart of the board is the XPS core, which comprises a homogeneous, closed cellular structure. The advantages of this high value core material are obvious: the **highest pressure stability** and **moisture resistance** make the boards super strong and safe.

LIGHTWEIGHT CONSTRUCTION //

CARBON / GLASS / HD REINFORCEMENTS

All boards are built using **high value composite materials** to create a foil board that is both **solid and lightweight**. **Strong reinforcements** in particularly demanding spaces such as the standing and foil mount area are integrated. Depending on the load these consist of carbon, glass fiber and high density foams.

Stringers made of carbon and Paulownia wood provide more flexibility and less torsion at the same time.





GRIP //

EVA-PADS & ANTI-SLIP SURFACE

Specially designed anti-slip surfaces provide a durable, easy-to-grip surface.

Our freeride boards come with EVA traction pads with soft diamond grip. To support strapless riders, we have added a kick tail that is perfectly matched to the foil setups.

For racing, we also developed a special anti-slip varnish, which provides the perfect grip at low weight.

FOIL MOUNT //

TRACK SYSTEM & INSERTS

All of our boards are compatible with the 4-bolt plate mount interface, which provides **optimum power transmission**. Multiple attachment points facilitate tuning using the sliding track system or two-position inserts. You can easily adjust your foil over a length of 260 mm to find your perfect personal setup.



THE MATCH

// When freeriding becomes a feeling

The Match – a true foil board with beveled edges and a slightly concave deck for optimal control. These characteristics appeal to beginners as well as amateur racers.

- User-friendly shape with beveled rails and concave deck
- 2 or 3-strap options for all foil riding styles and levels
- A board you can progress with and won't outgrow
- Lightweight carbon/glass fiber construction with strong reinforcements at the standing and foil mount areas
- Wide variety in terms of personal setup and fine-tuning options (sliding track system, 5-insert straps)
- Nose shape and S/R line optimized for soft touchdowns and early planning



Easy Ride

Freeride

Freerace



Freestyle

Strapless

Big Air



THE exo

// The water is your playground

The new flat deck provides great control, especially when foiling strapless. The bottom shape has a slight scoop-rocker with a nose designed wider in order to ensure optimal planning and good touch-downs.

- Perfect for strapless foiling – full deck pad with tail kick for the best possible stance
- Lightweight carbon/glass fiber construction with strong reinforcements at the standing and foil mount areas
- 2 or 3-strap options for all foil riding styles
- Wide variety in terms of personal setup and fine-tuning options (sliding track system, 5-insert straps)
- Nose shape and S/R line optimized for soft touchdowns and early planning

THE **RAZE**

// Ultimate racing machine

The Raze is our “race car” in the portfolio and forms our connection to the pro circuit. The board, which was developed mainly for course race disciplines, provides professionals, as well as the ambitious amateur racer, with uncompromising performance.

- Lightweight carbon construction
- Wide variety in terms of personal setup and fine-tuning options (sliding track system, 5-insert straps)
- Beveled rails for aggressive leaning angles
- Nose shape and S/R line optimized for highest efficiency thanks to low air resistance and early planning ability
- Anti-slip varnish provides the perfect grip at low weight



Race

Course Race

Competition

Convertible Foilboard and Surfboard



THE TRANSFORMER

// Two-in-one solution

The Transformer is an agile and solid kite wave board with the option of mounting your foil. For this purpose eight thread inserts offer two mounting positions.

- Perfect for strapless wave kiting – with tail kick position at rear footpad for radical wave riding
- Rear foot strap options for all foil riding styles and levels
- Optimized foot strap options for every riding style (kitesurf/wavekite/foil)
- Turning speed vs. upwind performance: smooth running in high speed kiting
- Lightweight carbon/glass fiber construction with strong reinforcements at the standing area, fin boxes and foil mount area
- Wide variety in terms of personal setup and fine-tuning options (2 foil mount options, 5-insert straps)
- Nose shape and S/R line optimized for soft touchdowns (foiling) and radical surfing in steep and choppy wave conditions
- Thruster fin configuration and concave bottom shape are perfect for easy wave riding, full-speed escape from high waves or surfing down the line

OVERVIEW



MATCH

Easy Foil; Strapless; Freeride; Freerace

| SKU | Core | Glassing | Reinforcements |
|---------|------|---------------|--|
| G440017 | XPS | 3L Fiberglass | Fiberglass Patches Carbon stringer HD-Foam |

| Dimensions | Volume | Weight | Foilmount |
|-------------------|--------|----------------------|----------------------|
| 142 x 44 x 5.6 cm | 19 l | 3.6 kg* (7.9 lbs) | Sliding track system |



RAZE

Race; Course race; Competition

| SKU | Core | Glassing | Reinforcements |
|---------|------|-----------|--|
| G440027 | XPS | 3L Carbon | Carbon Patches Carbon stringer HD-Foam |

| Dimensions | Volume | Weight | Foilmount |
|-------------------|--------|----------------------|----------------------|
| 145 x 44 x 7.5 cm | 30 l | 3.5 kg* (7.7 lbs) | Sliding track system |



EXO

Strapless; Freeride; Freestyle

| SKU | Core | Glassing | Reinforcements |
|---------|------|----------------------------|--|
| G440016 | XPS | 2L Carbon 1L Fiberglass | Fiberglass Patches Carbon stringer HD-Foam |

| Dimensions | Volume | Weight | Foilmount |
|-------------------|--------|----------------------|----------------------|
| 125 x 44 x 5.6 cm | 18 l | 3.5 kg* (7.7 lbs) | Sliding track system |



FORMER

Kitewave; Strapless; Freeride

| SKU | Core | Glassing | Reinforcements |
|---------|------|---------------|---|
| G440018 | XPS | 3L Fiberglass | Fiberglass & Carbon Patches Carbon stringer HD-Foam |

| Dimensions | Volume | Weight | Foil/Fin mount |
|--|--------|----------------------|--|
| 159 x 46 x 5.6 cm 5'3" x 18 1/8" x 2 2/8" | 27 l | 3.9 kg* (8.6 lbs) | Two-position inserts +/- 4 cm Thruster fin setup |

All Boards come ready to fly with straps and foil mount hardware.

*Approximate value, subject to small variations due to the custom manufacturing process.

ACCESSORIES



// BAGS & COVERS

All foils come ready to fly with the suitable covers and a travel bag. These accessories are especially tailored to meet foiler's requirements. The covers protect your foil – mounted as well as dismounted – in your travel bag.





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All riders pictured are professionals on a closed location. Do not attempt.

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FLY OVER WATER