



**AIRUSH**  
KITEBOARDING

# PRODUCT GUIDE

**2025 - 2026**

[AIRUSH.COM](http://AIRUSH.COM)



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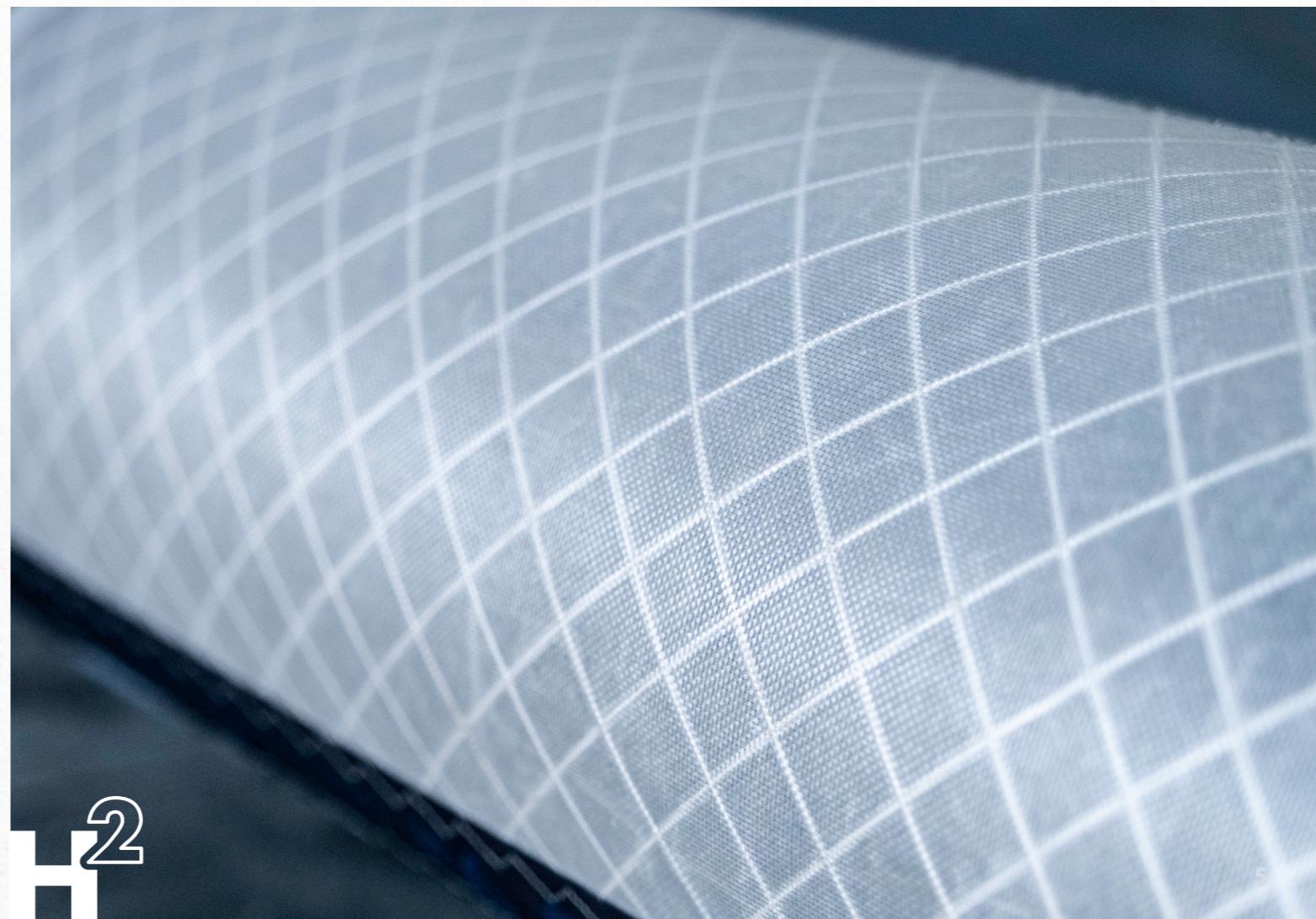
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#### By Innovators For Innovators.

Innovation takes vision, persistence, and a relentless cycle of design, testing, and refinement, not quick fixes or shortcuts. It's about bold ideas that take time to perfect, driven by the synergy between experienced designers, rapid prototyping, and a dedicated community of athletes and testers. This is the essence of our "By Innovators, For Innovators" philosophy, where those who build and those who push the limits are one and the same.

4





**Built to Last.**

We believe high-performance products should stand the test of time. That means no compromises - just exceptional gear built to last, so you can ride longer, harder, and with total confidence. We don't just celebrate durability - we design for it.



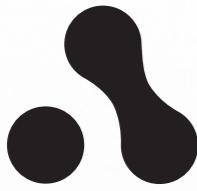
**Committed to the Planet.**

From running a solar-powered design center to being 10 x carbon positive, we're constantly evolving our materials, methods, and partnerships to reduce our impact and raise the bar. Sustainability shapes every decision we make because our ultimate goal is clear: Leave the planet better than we found it.



# THE BIRTH OF AN ICON

INTERVIEW WITH CREATIVE DIRECTOR, GRAHAM WILES.



NEW "A" ICON

## AIRUSH KITEBOARDING

### EXISTING LOGOTYPE / WORDMARK

You worked on the new Airush icon; what's the story behind it?

I've been working with Airush on and off since 2012, and even when I wasn't directly involved day-to-day, I stayed connected to the brand. Around 2020, we made the decision to phase out the previous Airush icon, the "A" element, and focus more on the "Airush Kiteboarding" logotype. The old icon, which dated back to 2008, had started to feel a little dated. It was time for a refresh.

Over the years, I explored a lot of redesign concepts, but nothing quite landed. Then in 2021, I revisited the project with fresh eyes and developed the new icon you see today. We began introducing it subtly onto products about two years ago, and now it's fully integrated - featured prominently on the top of our boards and at the center of our kite canopies.

What does it represent for Airush?

At its core, the new icon is a stylized "A" blending organic and technical elements.

The dots can be interpreted as water drops, tying into the watersports theme. The movement and flow between the shapes reinforce a sense of water and dynamism, central to who we are as a brand. Beyond that, it embodies Airush's core beliefs. The three drops symbolize our brand pillars: Innovation, Durability, and Sustainability. Durability and Sustainability are intertwined, representing strength and longevity. These elements also speak to our community and the evolution of the Originals collection.

Meanwhile, the isolated drop symbolizes the Team Series, representing innovation and pushing the limits within our company, and on the water.

Can you tell us more about how it will be used?

The new "A" icon and the "Airush Kiteboarding" logotype are designed to exist independently, rather than locked together. This gives us more flexibility across different products and applications, allowing the branding to feel clean, modern, and appropriate for the environment it's in.

There's now a group of logos associated with Airush, tell us about that.

Within the Airush brand, we have two key technology groups: Originals and Team Series:

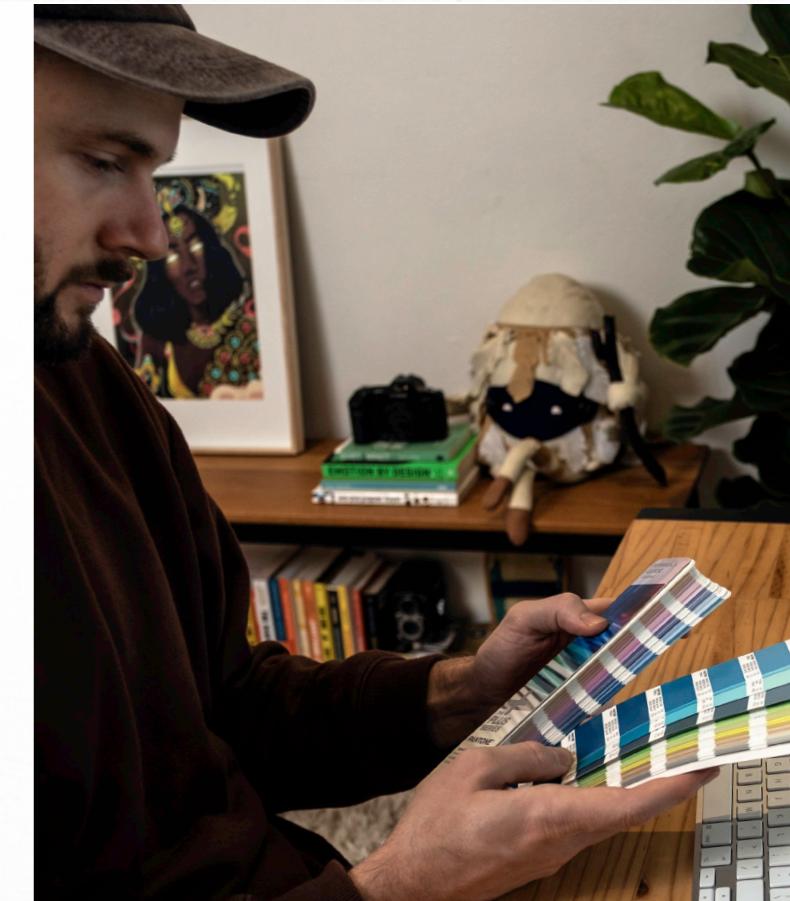


Originals is a collection of proven technologies crafted with the highest quality materials. It's represented by the "OG" monogram. The Team Series showcases our pinnacle products, using the latest materials and advanced constructions.

What has the initial feedback on the new A icon been like?

The response has been extremely positive. Of course, with any major brand evolution, there's an adjustment period. Some people are naturally attached to what they know. But over time, the new icon will become just as familiar and symbolic of Airush. I'm confident that we'll see that natural cycle of acceptance play out.

Having worked on this project for over a decade, it's incredibly rewarding to see it come to life.



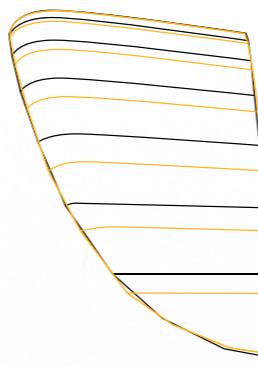
Graham Wiles is an accomplished graphic designer and creative director with over a decade of experience shaping iconic brands in the watersports industry. Known for his innovative approach and deep understanding of design principles, Graham has worked with leading names like Airush, Starboard, and AK Durable Supply Co. for the past 13 years. His expertise lies in blending technical precision with creative expression, crafting designs that are both impactful and enduring.



# KITES

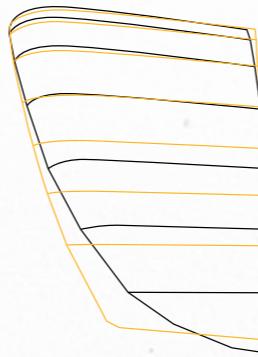
# KITE MODEL COMPARISONS

As much as we chase versatility within every model, each rider has a specific set of preferences around the way they want to ride in their local conditions. The following quick model comparison will help you to navigate the fundamental features and differences between each kite in the range.



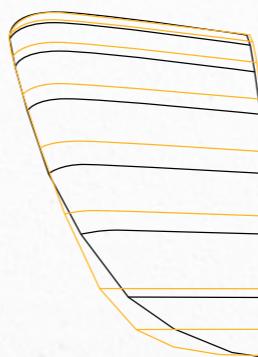
## ULTRA vs LITHIUM

The Lithium features more surface area in the wingtips for enhanced steering speed, and has slightly thicker struts and LE for more structural support in higher winds. The Ultra has a smaller LE to fly further forward in the window, with thinner and fewer struts for reduced weight.



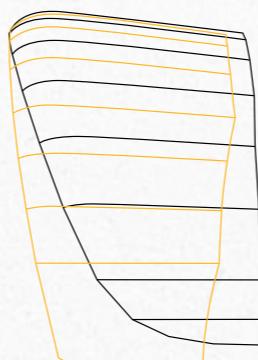
## LITHIUM vs SESSION

The Lithium features a longer center chord for more parked power and bar drive, with more sweep in the wingtip for improved relaunch. The square wingtips on the Session create a kite that pivots more, while the reduced sweep creates a more direct input.



## LITHIUM vs LIFT

The Lithium features more swept wingtips for better relaunch and parked power for all-around freeride conditions. The high aspect and bridle system on the Lift are focused on jumping as high as possible, while the more vertical wingtips make the kite loop much faster, catching you safely after every loop.



## LIFT vs RAZOR

Both 5-strut kites are designed with solid frames to support aggressive, powered riding. The high aspect and bridle system on the Lift are focused on jumping as high as possible with as much ease as possible, while the Razor is focused on freestyle. In sizes 10m and under, the Razor is more jumping oriented while still maintaining the classic freestyle components.

# TEAM SERIES

The Team Series is a collection that showcases our kite and board models that sit at the pinnacle of all Airush products. Established to enable you to ride exactly what our Pro Team ride, without compromise. With multiple world and national championships, through this rider focused collection, we continue to chase the future of durable lightweight performance.



## 1. ULTRA PE LOAD FRAME TECHNOLOGY

The Airush Load Frame has been the key to setting the ultimate benchmark in durability without compromising on weight. Ultra-high modulus PE yarns carry the primary load of the canopy, preventing stretch, and increasing long-term performance. The Load Frame is further enhanced by WebTech, which is featured in the areas traditionally occupied by Dacron. This enables us to minimize or completely remove the heavier fabric and utilize the ballistic high-modulus web fibers instead – increasing strength and minimizing weight.

## 2. WEBTECH

WebTech minimizes or replaces the traditional Dacron reinforcement by channelling the broader loads into the Load Frame through a web 'subframe' of ultra-high molecular polyethylene (ultra-high modulus). This is featured in key areas such as the primary attachment points on the leading edge, or the rear attachment points, while also being used to support structural components such as the center strut.

## 3. ULTRA PE AIR FRAME

### H2 - Ultra PE 85

Introducing H2, the next generation of Ultra PE material featuring woven tri-axial laminate technology. When we launched the first woven Ultra PE, Ho'okipa, we proved that a woven outer layer outperforms films and coatings in abrasion resistance and durability. Now, with H2, we've taken that concept even further by introducing a tri-axial laminate construction that places the Ultra PE woven layers on the exterior and the film on the interior. This configuration maintains the rugged woven surface, enhancing long-term durability. We've increased the Ultra PE yarn content by 30% through a refined manufacturing process, while simultaneously reducing overall weight by 30%.

**H2** UNLEASH NEW LEVELS OF PERFORMANCE & DURABILITY

# THE MATERIAL MATRIX

## ULTRA PE AIRFRAME TECHNOLOGY

INTERVIEW WITH BRAND DIRECTOR, CLINTON FILEN.

In Airush's ongoing quest for a new level of performance in kites, through increasing responsiveness, reduced weight, and maximizing durability, we introduce our latest generation of Ultra PE materials.

Traditionally known under the brand names Dyneema and Spectra, Ultra PE is a unique fiber 32x stronger than polyester at the same weight, and forms the building block of our latest high-performance Team Series construction. Airush utilizes Ultra PE in three key technology drivers in the Team Series kites: The legendary Airush Load Frame, WebTech, and the all-new H2 Ultra PE Air Frame. This unique range has been developed in conjunction with the leading cloth manufacturers worldwide for the specific application of the latest Airush Team Series models.

### How does H2 compare to Ho'okipa?

At under 85 gsm, H2 is a lighter leading edge and strut material, whereas Ho'okipa is around 120 gsm (regular Dacron is 160 gsm). Both formulations are way lighter and more responsive than their Dacron counterparts, so this is more of a matter of fine-tuning our Ultra PE platform specific to the user requirements. H2 takes the same durable woven outer layer concept as Ho'okipa with significant leaps in the manufacturing process such as:

- Reduced weight while increasing the amount of Ultra PE. H2 makes use of 100D 100% Ultra PE, Ho'okipa was 200D, 50% Ultra PE/ 50% Polyester.
- Key new steps in the material process to create a tighter, more stable weave. Increasing pre-tension stability, material responsiveness, reduced bias stretch, and reduced weight after lamination.

### What makes Ultra PE such a unique material and why has it only gained prominence over the last few years?

Traditionally known under the brand names, Dyneema and Spectra, Ultra PE has been around for many years. It was more typically used in ropes and flying lines, but due to its properties, there has been ongoing work around using it in cloths and laminates for at least 25 years. It is a unique fiber that is 32x stronger than polyester at the same weight, and it is extremely abrasion-resistant. It's also so light that it floats on water.

Ultra PE has many unique challenges due to its properties, specifically around how to stabilize the material and manufacture it consistently at scale. For example, you cannot heat the material above around 160 degrees, so traditional sailcloth processes can not be used.

### Where did Airush's journey start with Ultra PE materials?

We have used Ultra PE in the Airush Load Frame for over 10 years, giving us a good long-term insight into the benefits of the material, as this essentially changed the responsiveness of the kites. It combines the balance of lightweight, responsiveness, and the durability we were looking for.

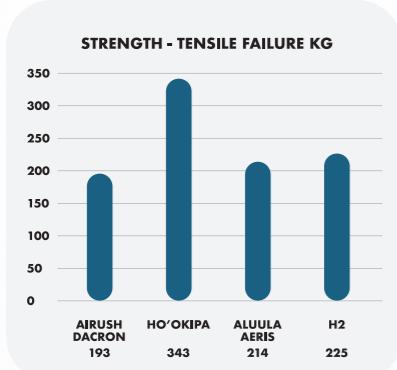
Our first Ultra PE development was with Dyneema Corporation around 8 years ago and this early project started to really highlight the potential and pitfalls of the new fabric. We were excited about the potential as it looked like the best theoretical solution but knew it would be a long road.

After this, we began working with Aluula, Challenge Sailcloth, and Dimension Polyant with a long-term view of building lighter, stronger, and more responsive materials. The difficulty for us is finding partners who work within our closed-loop development systems, where we can work with them to improve the formulation of the fabric based on long-term testing, ongoing development, and application in mass production. The designers will define key characteristics they are looking for and I will try and refine this with our partners.

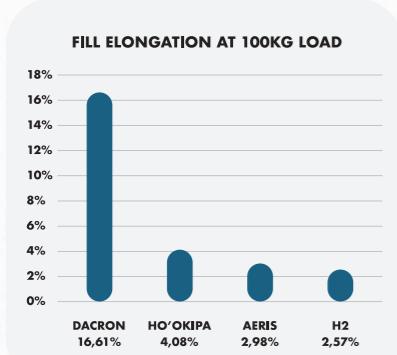
Initially, the properties of the Ho'okipa worked best for us as the bias properties of the material matched very closely to what we wanted the material to do and allowed us to run higher pressures and maintain maximum durability. ALUULA Aeris materials offer amazing performance characteristics with reduced weight through a new formulation of the UPE and lamination composition. For the upcoming range, we continued to refine the material requirement, moving back towards the primarily woven Ultra PE structure, with significant updates, and introducing H2.

## So how does H2 compare to Ho'okipa and the Aluula Aeris?

All three of these materials use Ultra PE, so they all benefit in different ways from the base material.



In typical use, the H2 offers the lowest level of elongation (stretch) in our lab tests. This is critical in the kite maintaining its shape under inflation and how much it responds to input and corrects once the bar is straightened after steering.



Some of the market has become wary of claims around light weight and increased durability at the same time. What is Airush's perspective on this?

Our objective is always to reduce the weight but never at the expense of reduced durability. We talk a lot about reliable performance, and it is vital that we never lose that reliability, as much as we chase higher performance.

When looking at leading edges and struts, you can normally look into the science and ask yourself how something was made lighter. In our case, it is through using exotic materials with Ultra PE. So, yes, you have a material that is half the weight, but it is also

made from a primary component that is 32x stronger, so there is clear room for weight reduction.

Another big area of weight reduction is around thinner bladders. This is possibly the most cost-effective way to reduce weight, and that saving is often mistakenly attributed to the material. But this is another area that needs significant ongoing testing before taking that step. We have reduced our bladder weight by around 25% over the last 5 years, but we do not use what we consider "ultralight" bladders.

The nature of the environment that these kites operate in can be harsh, and we need to make sure that performance gains are realistic, and reliability is at the very least comparable to regular kites, if not superior. These are high-value products that need to last. Our products have always been praised for their strength, and we are careful to ensure we only use materials that enhance this aspect of what we do.

### What about the canopy?

Canopy materials have become relatively standardized with Teijin generally regarded as the benchmark in canopy cloth. I think the most important point in canopy is that "ripstop" is not a measure of performance. Ripstop helps to stop tears when they start, they do not reduce stretch, or increase abrasion resistance or resistance to flapping.

The most important point for riders to understand is that flapping and UV destroy any canopy, and limiting this can add years to your products.

### So what is the next big area of development we can expect from Airush?

Welding and bonding are the next areas of development, and we introduce Ultra Bond Seams on the new Lift Team in the primary Sections of the LE. This system is unique to Dimension Polyant and another reason we went with the H2.

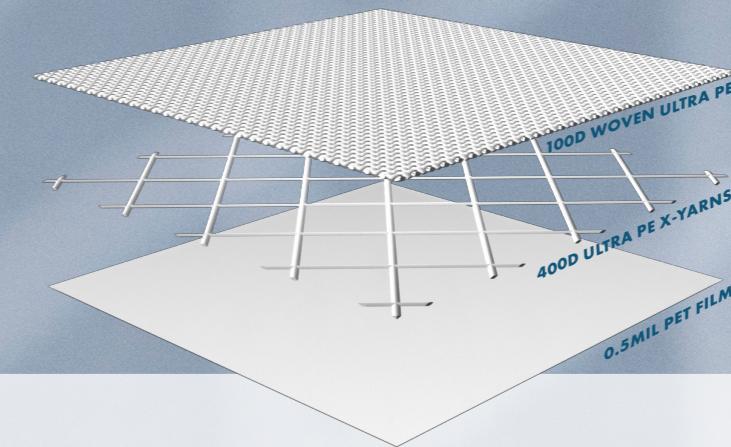
### Looking at the seams, there is still a stitching layer?

Yes, we still use the stitching to achieve a precision assembly and prevent the seam from peeling back under prolonged use. We also use it as redundant reinforcing that would engage if the welding ever failed.



Clinton Filen, Design Director for Airush Kiteboarding, brings over 30 years of experience in material development and product design. His multidisciplinary background and passion for material innovation offer valuable insights into the broader design process.

H2



## UNLEASH NEW LEVELS OF PERFORMANCE & DURABILITY

### H2 - Next generation Ultra PE material featuring tri-axial laminate technology.

The dual woven Ultra PE outer layers of H2 form a high-performance tri-axial composite structure, engineered to deliver superior mechanical responsiveness, light weight, and exceptional durability - exhibiting a tensile strength 32 times greater than comparable polyester fabrics and significantly outperforming conventional film-based laminates.

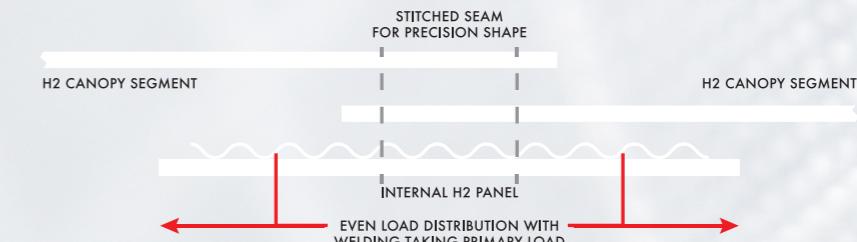
The **100D Woven Ultra PE** layer carries loads along the primary warp and fill directions, while the **400D Ultra PE X-Yarns** enhance responsiveness and stability along the bias (45/45), supporting the material under torsion and dynamic loading. A **0.5 mil PET film** with ultra-low stretch stabilizes the laminate, boosting structural integrity and seam strength.

Precisely engineered and the result of over six years of intensive testing and development, H2 represents the next evolution in advanced material technology.

## ULTRA BOND WELDED SEAMS

Unique to Airush H2 Ultra PE kites are the Ultra Bond welded seams, which create a fused connection on key panels for enhanced responsiveness and performance.

Developed in conjunction with technology partner Dimension Polyant, Ultra Bond seams feature either a thermal or ultrasonic activation bond between the panels. Even load distribution spreads forces across the material rather than concentrating them at stitch holes, as found in traditional assemblies. This diffusion of load is ideal for lightweight composite materials, as it reduces the amount of reinforcement required by 50% and creates an optimal strength-to-weight ratio.



# ORIGINALS



A showcase of proven technology with the highest quality materials. Airush Originals fuse the most modern and innovative designs with proven technology and premium materials. Through over 20 years of development and refinement, Originals continue our quest for innovation, sustainability, and durability.



## 1. TECHNFORCE D2

This premium fabric is designed with a high-density structure that uses high tenacity double-coated polyester yarn in a double ripstop configuration. The double coating protects the yarn as much as possible from UV and abrasion damage, ensuring that the canopy remains crisp and responsive for as long as possible.

## 2. HEAVY DUTY LE

By using our Gradient Load Technology on the bridle insert points and leading-edge closure (along with double stitching), as well as Dacron, we have created a heavy-duty leading edge that supports the increased performance demands.

## 3. UNITY STRUT CONNECTION

The Unity Strut Connection provides a solid point from strut to leading edge, to create a stiff structure that helps in performance and relaunching. The Unity Strut has an added double folded triple stitched seam aligned with a 20mm wide webbing strip to reduce points of wear. This increases the durability and rigidity of the struts.

## 4. SPS & FBI

The oversized SPS valve (Single Point Inflation System) optimizes inflation and deflation. The Fast Bladder Inflation (FBI) features increased wall thickness and oversized diameter tubing, thus eliminating tube kink, reducing stress on your pump, and enabling quick and easy inflation.

# PROVEN TECHNOLOGY, PREMIUM MATERIALS

# TRIED & TESTED TECHNOLOGY

INTERVIEW WITH KITE DESIGNER, MARK PATTISON.

**How does your use of proven materials contribute to the refinement and optimization of your products?**

The experience of using proven materials ensures that we can fine tune every detail and optimize every level of material engineering. Even our most proven materials are constantly studied, tested, and improved. The result on one material may be perceived as a marginal gain, but the combined outcome of constant improvement, delivers that level of refinement you have come to expect.

**How do you approach optimizing materials and design to achieve the best balance between lightweight and reliable performance?**

As we are defining the performance objective of each design, we are constantly studying how we can optimize materials in conjunction with overall shape changes. Through our philosophy of Integrated Composite Design, each component of the product is optimized through studying the load, direction, and type of load. We ensure that we have placed the correct type and weight of material where we will have the best combination between lightweight and reliable performance.

**What testing processes do you use to evaluate product durability?**

Durability is this pursuit of reliable performance. Every year, all new products are subjected to long term testing, while older products from previous years undergo extended testing, to understand how we can improve product life spans and maintain long term performance.

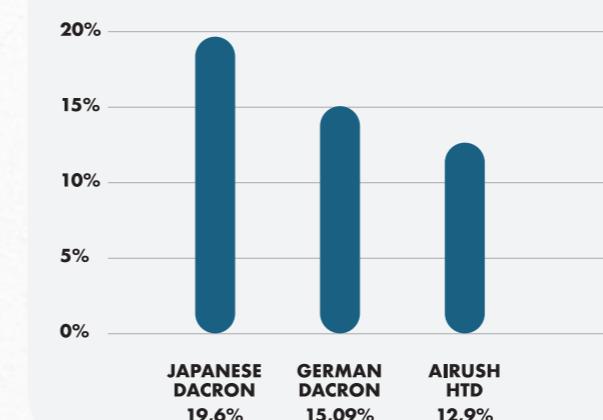
**Are there still areas to improve here?**

Yes, absolutely. We constantly look at how we can improve reliability (Kites have become incredibly reliable) and even standard materials such as dacrons have improved over the last 10 years.

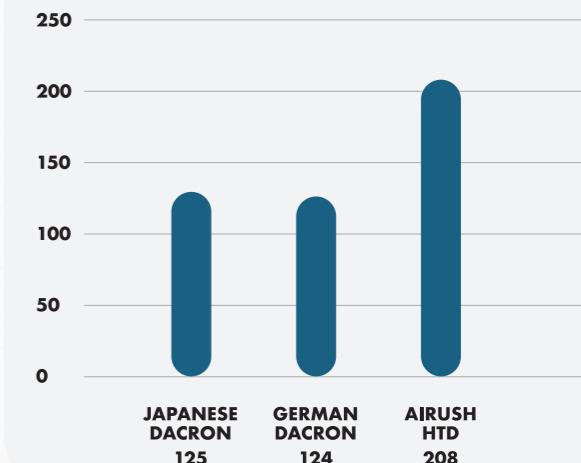
Back to what we refer to as closed loop development, every time we pick up an issue, even with five year old kites, we look into how we can improve.

We also continue to work to improve more traditional materials such as Dacron, by independent lab testing and long term benchmark. For example not all Dacrons are created equal if we just compare the following dacrons from some premium suppliers.

WARP ELONGATION AT 100KG LOAD



TENSILE FAILURE KG



# LITHIUM

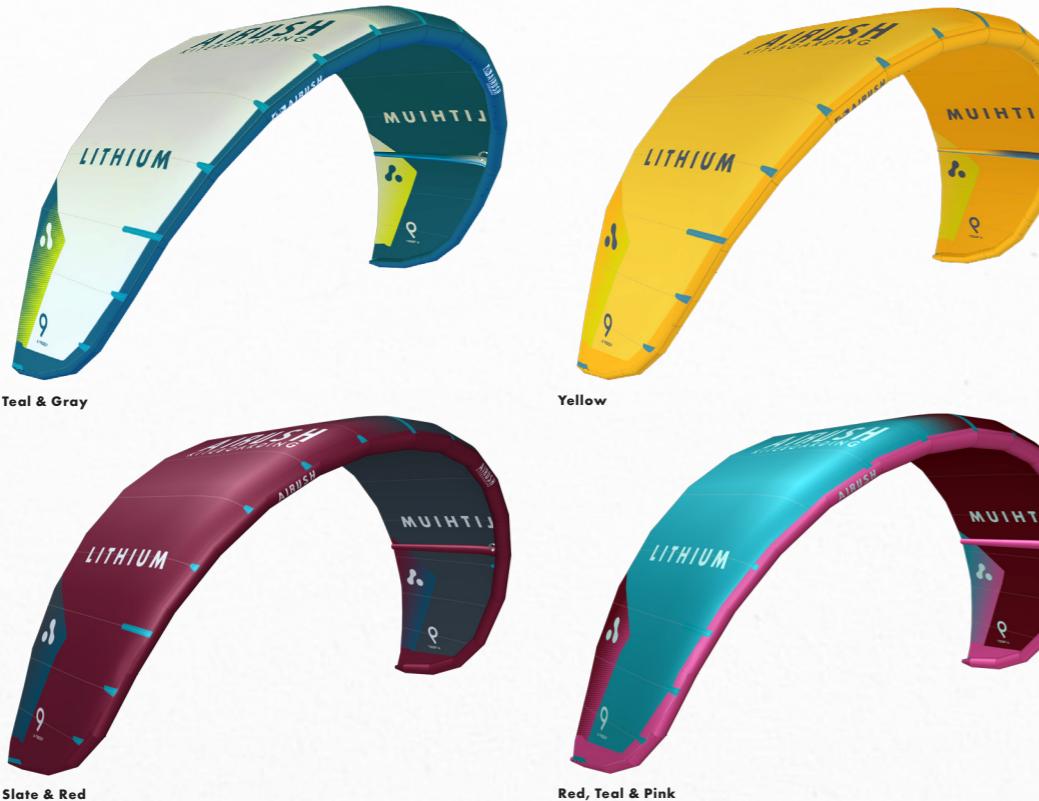
## VERSION 14

All-around freeride performance.

Intuitive & stable platform with precise steering.

Powerful delta hybrid with a wide wind range.

For the rider looking for a kite that provides an endless amount of fun on the water, the Lithium is the ultimate all-around freeride performance kite. Intuitive and light at the bar, the Lithium is predictable and stable in the air, and has incredible park ability. The powerful three strut delta hybrid design enjoys a wide wind range, and combined with the wingtip shape and strut layout, ensures the quickest response through the window, as well as instant relaunch.



**Unhooked:** 25% **Hooked:** 100% **Wave:** 75% **Foil:** 75% **Progression:** 100%

### Key Features

- Compact Single Pulley Bridle.

### Available In

5, 6, 7, 8, 9, 10, 12, 14, 17m

### Construction

- TECHNO FORCE™/D2 canopy.
- High Tenacity Dacron leading edge.
- Gradient Subframe & GrindTek reinforcing.



# LITHIUM TEAM

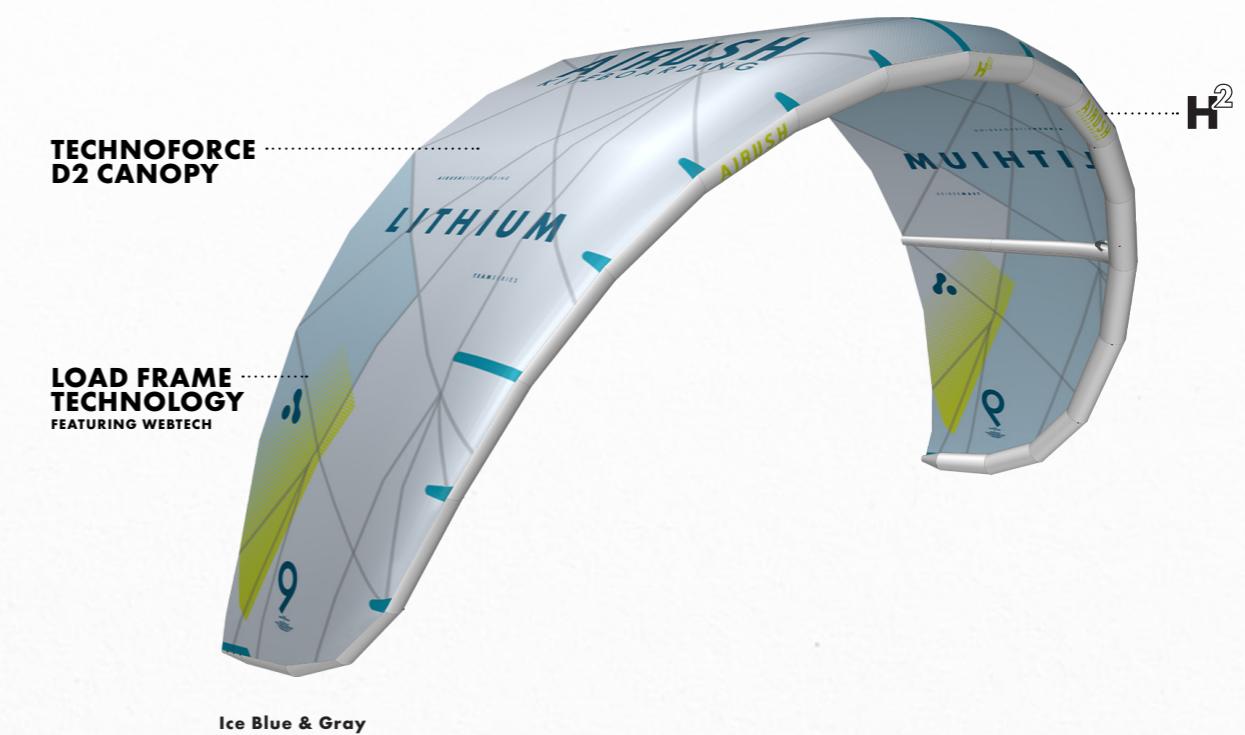
## VERSION 14

Lightweight all-around freeride performance.

Intuitive & stable platform with precise steering.

H2 Ultra PE leading edge & Load Frame technology.

A team engineered kite that defines the future of minimalistic, lightweight performance design for performance freeride. The Lithium Team is a more responsive, faster, and lighter version of the Lithium due to the innovative Team Series construction. Featuring a thinner, higher pressure leading edge to reduce drag and allow for a higher angle of attack when riding upwind. The unique blend of efficiency, stability, and responsiveness creates an extremely versatile product.



**Unhooked:** 25% **Hooked:** 100% **Wave:** 75% **Foil:** 75%

### Key Comparisons

- H2 Ultra PE leading edge & Load Frame technology.
- Compact Single Pulley Bridle.

### Available In

7, 8, 9, 10, 12, 14, 17m

### Construction

- H2 Ultra PE high pressure leading edge.
- TECHNO FORCE™/D2 canopy.
- Load Frame technology featuring WebTech.

### Side Profile

- Long Chord & Deep Entry.
- Medium Aspect Ratio.
- Round Wingtip.

### Front Profile

- Wide Open C.
- Compact Single Pulley Bridle.



# ULTRA

## VERSION 5

Lightweight single strut design for foil, freeride & surf.

Unique combination of stability & responsive drive.

High-performance, lightweight single strut geometry.

When it comes to finding the ultimate combination in lightweight performance design for foil, freeride, and surf, look no further than the Ultra. The unique blend of stability, low end power, and responsive drive allows the kite to fly further forward in the window. Pairing the lightweight Single Strut Geometry with a higher tension canopy makes a very responsive and efficient kite.



**Unhooked:** 25% **Hooked:** 100% **Wave:** 75% **Foil:** 100% **Progression:** 100%

### Key Features

- Lightweight Single Strut Geometry.
- Improved canopy tension & rigidity to increase responsiveness.
- Easy relaunch.

### Available In

4, 5, 6, 7, 8, 9, 10, 12, 14, 17m

### Construction

- TECHNO FORCE™/D2 canopy.
- High Tenacity Dacron leading edge.
- Gradient Subframe & GrindTek reinforcing.



# ULTRA TEAM DS

## VERSION 5

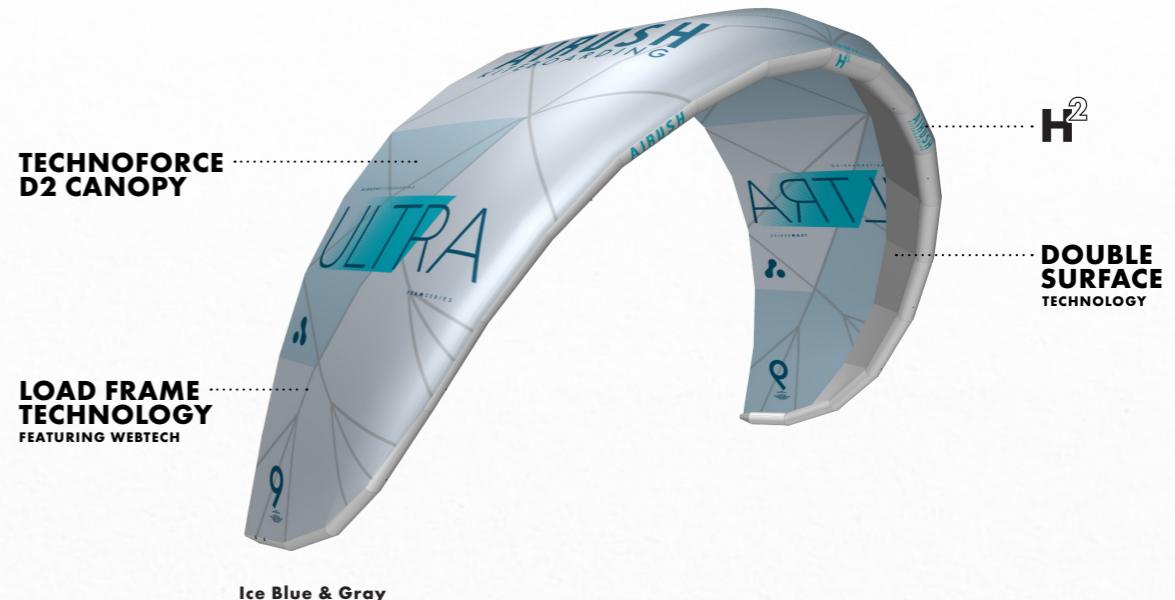


Lightweight single strut design for foil, freeride & wave.

Double Surface (DS) leading edge for increased efficiency.

H2 Ultra PE leading edge & Load Frame technology.

The Ultra Team is our unique lightweight performance design for foil, freeride, and surf. The combination of our proven Single Strut Geometry with the new double surface leading edge, narrow diameter high pressure leading edge, and high-tension canopy create the ultimate efficient flying machine. This new design delivers a powerful kite that can fly forward in the window, achieving the perfect balance for exceptional light wind performance and ultralight flight.



### Double Surface (DS) Leading Edge

The all-new Double Surface leading edge design delivers unparalleled performance, combining better glide, faster speeds, dynamic movement, improved upwind capability, and an extended wind range. The DS leading edge eliminates turbulence, ensuring smooth airflow for greater acceleration and reduced drag. The reduced leading edge and strut diameter allows the kite to move faster across the wind window creating powerful apparent wind for enhanced performance.

**Unhooked:** 25% **Hooked:** 100% **Wave:** 75% **Foil:** 100%

### Key Comparisons

- H2 Ultra PE leading edge & Load Frame technology.
- New Double Surface (DS) leading edge design.
- Reduced weight for increased lightwind performance.

### Available In

7, 8, 9, 10, 12, 14, 17m

### Construction

- H2 Ultra PE high pressure leading edge.
- TECHNO FORCE™/D2 canopy.
- Load Frame technology featuring WebTech.

### Side Profile

- Medium Chord & Medium Entry.
- Medium Aspect Ratio.
- Round Wingtip.

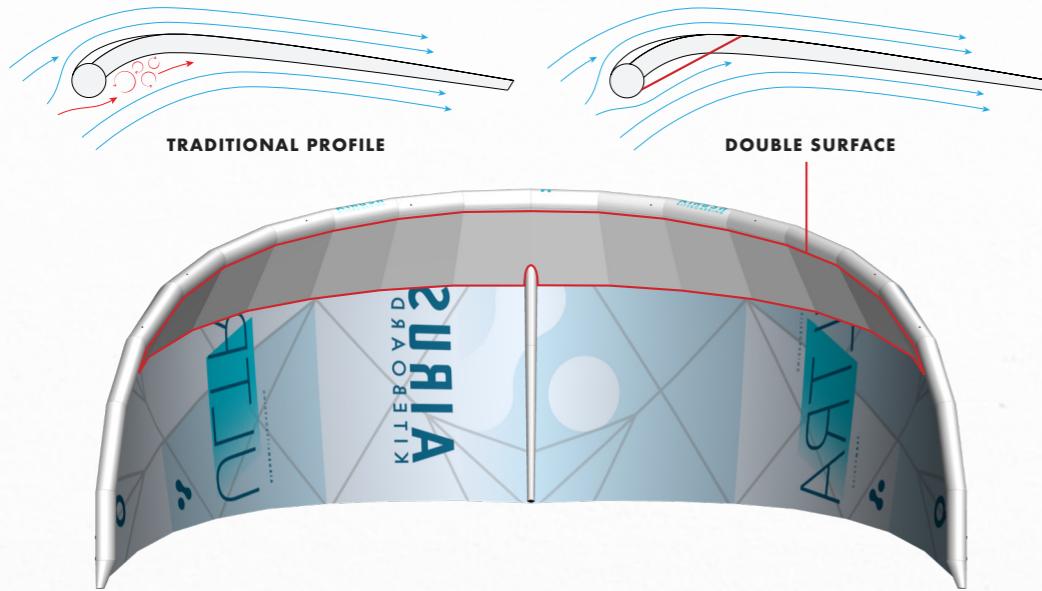
### Front Profile

- Open C.
- Fixed Bridle.

# DOUBLE SURFACE TECHNOLOGY

INTERVIEW WITH KITE DESIGNER, MARK PATTISON.

The much loved Ultra Team has been taken to the next level with the introduction of its all-new Double Surface (DS) leading edge. This innovative design delivers unmatched performance, offering improved glide, increased speeds, dynamic movement, superior upwind capability, and a wider wind range. By eliminating turbulence, the DS leading edge ensures smooth airflow for greater acceleration and reduced drag. With a reduced leading edge and strut diameter, the kite moves faster across the wind window creating powerful apparent wind for enhanced performance.



**What was the inspiration behind introducing the Double Surface (DS) leading edge to the Ultra Team?**

The inspiration behind introducing the Double Surface (DS) leading edge to the Ultra Team came from our ongoing pursuit of improving efficiency and performance. We've been experimenting with double surfaces for quite some time, but it wasn't until recently that we were able to perfect the design and bring it to market. The concept of adding a lower surface to the leading edge has always been part of our long-term vision, as it promises to enhance aerodynamic efficiency by improving airflow dynamics.

However, achieving the right balance of performance, stability, and responsiveness took extensive research, testing, and development. The addition of the lower surface helps to optimize the kite's lift-to-drag ratio, which ultimately leads to a more efficient ride with better control, particularly in challenging conditions. It took time to fine-tune the geometry and material integration, ensuring that the benefits of this new design didn't compromise the overall feel or handling of the kite. Now, with the Ultra Team, we are confident that the Double Surface leading edge enhances both the performance and versatility, giving riders the perfect combination of power, precision, and control.

**What makes the DS leading edge different from traditional single surface leading edges in both form and function?**

The DS (Double Surface) leading edge differs significantly from traditional single surface leading edges in both its form and function. In a single surface design, the leading edge typically consists of just one layer of material, which creates a simpler, more straightforward aerodynamic shape. In contrast, the DS leading edge introduces a lower surface that runs directly from the bottom of the leading edge and extends about 30% along the chord before connecting seamlessly to the upper canopy.

This dual-layer structure creates a more refined and aerodynamic profile by forming a continuous airflow path across both the upper and lower surfaces. The result is a significantly more efficient shape that reduces drag and enhances overall kite performance. This improved efficiency is particularly noticeable in key areas such as upwind ability and jumping performance. The dual surface allows the kite to generate more lift while requiring less energy to maintain flight, making it easier to cut through the wind, stay on course upwind, and perform higher, more controlled jumps. Overall, the DS leading edge not only enhances the kite's aerodynamic efficiency but also contributes to a more responsive, stable, and controlled ride, particularly in demanding conditions where upwind performance and jump height are critical.

**What performance gains do you get from the DS leading edge?**

The performance gains from the DS leading edge are most notably observed in two key areas: upwind ability and jumping performance.

Firstly, the enhanced aerodynamic shape created by the double surface design significantly improves upwind performance. The lower surface connected to the leading edge allows for a more efficient airflow, reducing drag and enabling the kite to cut through the wind with less resistance. This results in the ability to maintain a stronger and more consistent upwind angle, making it easier for riders to stay on course even in challenging wind conditions.

Essentially, the DS leading edge allows the kite to generate more lift with less effort, enhancing control and reducing fatigue during upwind riding.

Secondly, the DS leading edge also boosts jumping performance. The increased efficiency of the kite, combined with the added lift from the double surface structure, allows for higher, more powerful jumps. Riders experience more responsive take-offs and greater airtime, with improved stability during the ascent and descent. The extra lift and control provided by the DS design help riders execute cleaner, more controlled jumps, even in gusty conditions.

In summary, the DS leading edge offers a marked improvement in both upwind efficiency and jumping, giving riders more control, power, and precision when navigating the water and executing aerial maneuvers.



**Mark Pattison** is the lead kite designer for Airush Kiteboarding. Beginning his career repairing windsurfing sails in Perth, Australia, Pattison has been the creative force behind Airush's kite designs since 2008. Splitting his time between Cape Town and Bali, Mark ensures rigorous testing across diverse conditions, solidifying Airush's reputation for cutting-edge kiteboarding equipment.

# SESSION

## VERSION 2



Versatile surf, strapless & performance freeride.

Perfect drift, agile turning & effortless boosting capability.

v3 Pulley Bridle for maximum depower & wind range.

The Session is for the rider wanting a versatile surf orientated kite, with performance strapless and freeride capabilities, all in a single package. The unique canopy shaping features a relatively fine entry, which allows the kite to fly forward in the window when required. While the sheeting angle, aspect ratio, and large wing tips create a kite that can pivot on a dime and drift deep into the window when you need it to. V3.1 Bridles ensure a huge wind range and keep the kite steering as you are sheeting out, ideal for powerful carving transitions, wave top turns, or strapless riding. All of this translates into perfect drift, agile turning, and effortless boosting.



**Unhooked:** 50% **Hooked:** 100% **Wave:** 100% **Foil:** 50% **Progression:** 75%

### Key Features

- Low aspect ratio.
- Agile turning, direct steering & the perfect amount of drift.

### Available In

4, 5, 6, 7, 8, 9, 10, 12, 14m

### Construction

- TECHNO FORCE™/D2 canopy.
- High Tenacity Dacron leading edge.
- Gradient Subframe & GrindTek reinforcing.

### Side Profile

- Long Chord & Fine Entry.
- Low Aspect Ratio.
- Square Wingtip.

### Front Profile

- Open C.
- v3 Pulley Bridle.



# LIFT

## VERSION 4

Performance Freeride & Big Air machine.

Explosive power, smooth kiteloops, massive lift & hangtime.

Stable airframe for high wind control.

The Lift is all about boosting, hangtime, and taking performance freeride to new heights. Designed for the rider looking for exceptional hangtime, explosive power and stability in the wildest conditions. Ease of use, paired with incredible top end performance make the Lift the ultimate big air machine.



Teal & Ice Blue

Yellow

**Unhooked:** 75% **Hooked:** 100% **Wave:** 50% **Foil:** 70% **Progression:** 50%

### Key Features

- Increased aspect ratio.
- More rounded wingtips for effortless relaunch.
- Increased sweep.

### Available In

7, 8, 9, 10, 12, 14m

### Construction

- TECHNO FORCE™/D2 canopy.
- High Tenacity Dacron leading edge.
- Gradient Subframe & GrindTek reinforcing.



# LIFT TEAM

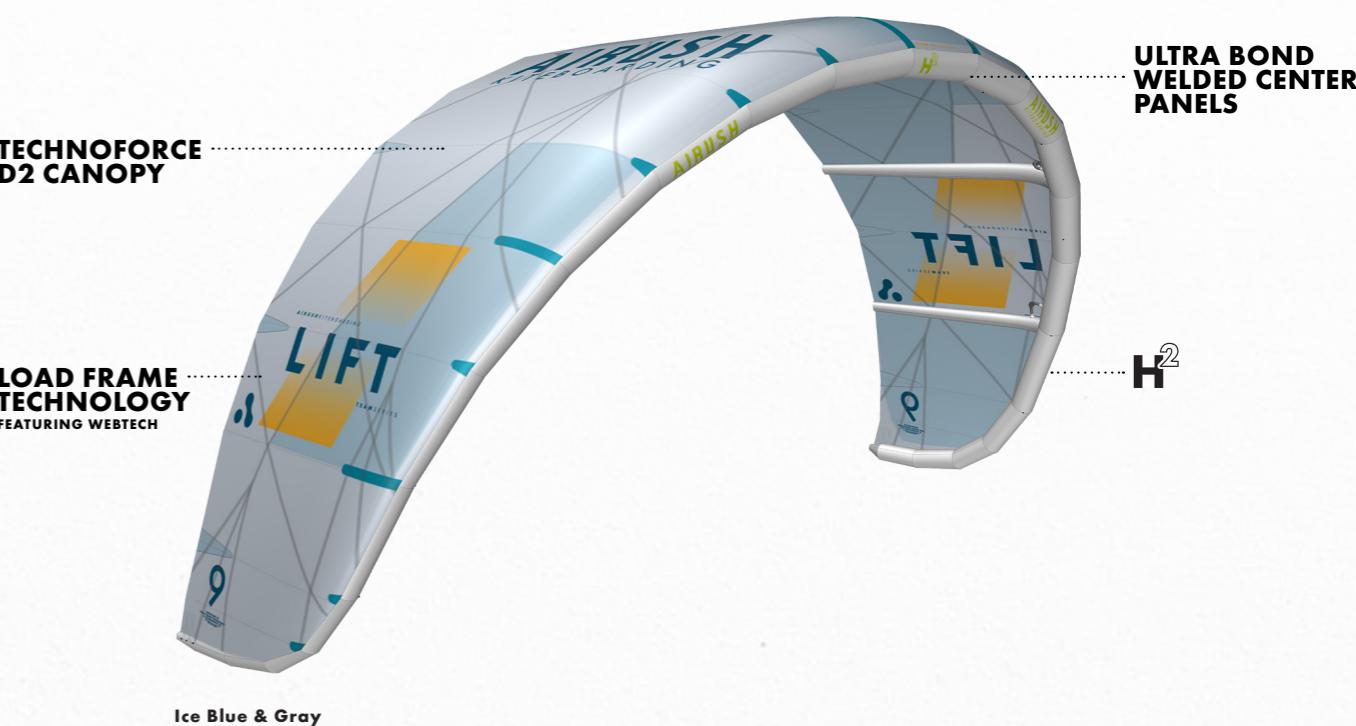
## VERSION 4

Performance Freeride & Big Air machine.

Explosive power & smooth loops with massive lift & hangtime.

H2 Ultra PE leading edge & Ultra Bond welded center panels.

The Lift Team is all about boosting, hangtime, and taking performance freeride to new heights. The Lift Team is a more responsive, faster, and lighter version of the Lift thanks to the innovative Team Series construction. Designed for the rider looking for exceptional hangtime, explosive power, and stability in the wildest conditions. Ease of use, paired with incredible top end performance makes the Lift the ultimate big air machine.



TECHNOFORCE  
D2 CANOPY

LOAD FRAME  
TECHNOLOGY  
FEATURING WEBTECH

ULTRA BOND  
WELDED CENTER  
PANELS

**Unhooked:** 75% **Hooked:** 100% **Wave:** 50% **Foil:** 70% **Progression:** 50%

### Key Comparisons

- Upgraded to H2 Ultra PE leading edge and struts.
- Ultra Bond Welded leading edge center panels.

### Available In

7, 8, 9, 10, 12, 14m

### Construction

- H2 Ultra PE high pressure leading edge.
- TECHNO FORCE™/D2 canopy.
- Load Frame technology featuring WebTech.
- Ultra Bond Welded leading edge center panels.

### Side Profile

- Medium Chord & Fine Entry.
- High Aspect Ratio.
- Round Wingtip.

### Front Profile

- Wide Open C.
- Compact Single Pulley Bridle.

### Ultra Bond

The Ultra Bond welded seams create a fused connection on key panels for enhanced responsiveness and performance.

[Learn More on Page 19.](#)



# GET LIFTED.

INTERVIEW WITH LEAD KITE TESTER, JASON VAN DER SPUY.

**"The Lift v4 has taken everything that's good from its predecessor and fine tuned it even more. It's faster, more intuitive, and climbs like a rocket. This kite is without a doubt among the best 5 strut big air kites available. What a machine!"**

- Jason Van Der Spuy

**What was the main design goal when developing the Lift v4, and how does it improve upon the v3?**

The primary design goal behind developing Lift v4 was to enhance the looping functionality, making it smoother, more intuitive, and easier to manage.

This improvement was accomplished without sacrificing any of the powerful features or performance that made the Lift v3 so effective. The v4 update focuses on providing users with a more efficient and user-friendly interface while maintaining the robustness and capabilities of its predecessor.

In essence, the goal was to strike the perfect balance between improved usability and retaining the core strengths of the Lift v3.

**The Lift Team uses an H2 Ultra PE leading edge, how much weight savings and durability improvements are we talking about compared to the original model?**

The 9m Lift Team v4 model weighs 3.040 kg, which is noticeably lighter than the original 9m Lift, which weighs 3.260 kg. This results in a weight difference of 220 grams between the OG and Team model. In addition to the weight reduction, the 9m Lift Team v4 also boasts significant durability improvements, particularly with its use of the H2 Ultra PE leading edge, which provides improved strength and longevity. These upgrades not only make the Team version lighter, but also enhances its performance and resistance to wear, making it a more efficient and long-lasting choice.

**The Lift has always been known for its boosting power - what did you do in v4 to push that even further?**

While the Lift has always been renowned for its impressive boosting power, the primary focus of the Lift v4 was to refine the control and precision during the boost.

In v4, the emphasis was placed on improving how users can manage and direct the boost, providing a more stable and responsive experience. The improvement lies in the enhanced control mechanisms, making it easier for users to harness and fine-tune the Lift v4.

This allows for more consistency and adaptability in a variety of scenarios, ultimately improving the overall user experience without compromising on the core performance of the kite.

**The construction is very different between the Lift and Lift Team – what was the design philosophy behind keeping the same performance DNA but applying two different construction approaches?**

The design philosophy behind the Lift and Lift Team's differing constructions revolves around maintaining the same core performance DNA, while tailoring each model to suit distinct needs and preferences through different material choices and design approaches.

For the Lift Team, we opted to use the all-new H2, a material that is significantly stiffer and more rigid than the traditional Dacron used in the standard Lift. This choice allows us to reduce the leading edge (LE) diameter, which offers several benefits. By using H2, we can achieve a more streamlined profile, which not only reduces overall weight but also enhances the kite's aerodynamic efficiency. The smaller LE diameter decreases drag, which in turn improves the kite's performance, particularly in terms of speed and responsiveness. The stiffer construction of the Lift Team gives it greater rigidity, which contributes to more precise control and a more direct feel during flight. This material choice reflects the Team's focus on advanced riders seeking high-performance, while still preserving the Lift's signature power and responsiveness.

Essentially, the two different construction methods allow us to fine-tune the kite's characteristics to better suit various riding styles and preferences, all while preserving the core performance qualities that both kites share.

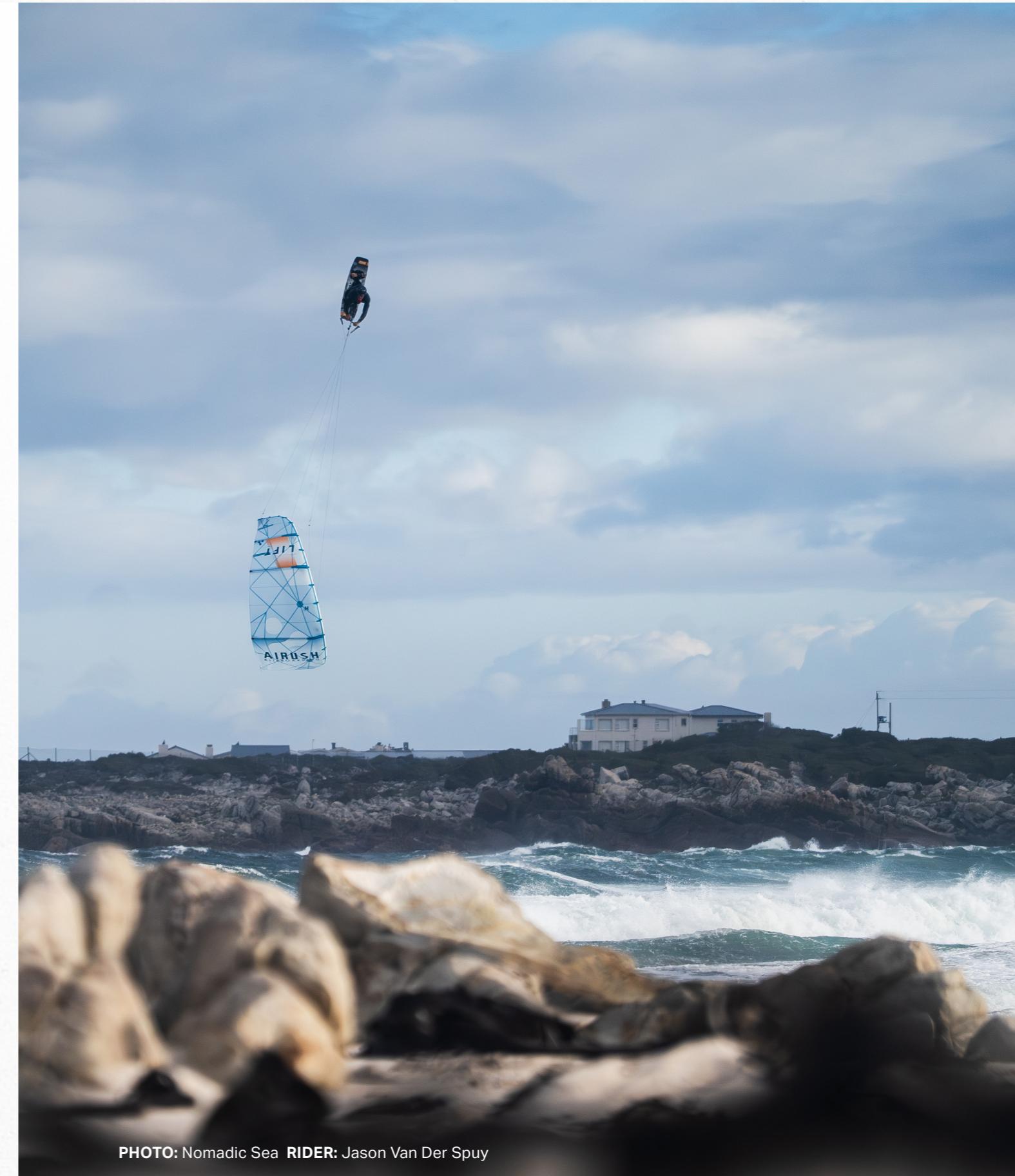


PHOTO: Nomadic Sea RIDER: Jason Van Der Spuy



**Jason Van Der Spuy is a standout in the kiteboarding world and serves as our head kite tester, working closely with Mark Pattison and Clinton Filen to develop performance driven kites. His hands-on approach ensures each design meets the demands of modern kiteboarding - from performance freeride to big air - in the most extreme conditions.**

# RAZOR

VERSION 10

Unrivalled unhooked performance & precision.

Mind-blowing pop & slack.

5-line Freestyle & Big Air blend.

The Razor offers unrivalled unhooked performance and precision that delivers way beyond the expectations of a purist freestyle C-kite. With specific freestyle and wakestyle bridle settings, the Razor is a new generation 5-line freestyle and Big Air blend that combines unrivalled unhooked performance with more boost. Designed with World Champion Alex Pastor to provide mind-blowing pop and slack, the larger sizes are geared towards freestyle while the smaller sizes have been optimized for Big Air and looping.



**Unhooked:** 100% **Hooked:** 100% **Wave:** 50% **Foil:** 25% **Progression:** 50%

## Key Features

- Freestyle & wakestyle settings.
- Smaller sizes are optimal for Big Air.
- Larger sizes are perfect for freestyle.
- Comes with a 5th line to attach to the Team Bar.

## Available In

7, 8, 9, 10, 11, 13m

## Construction

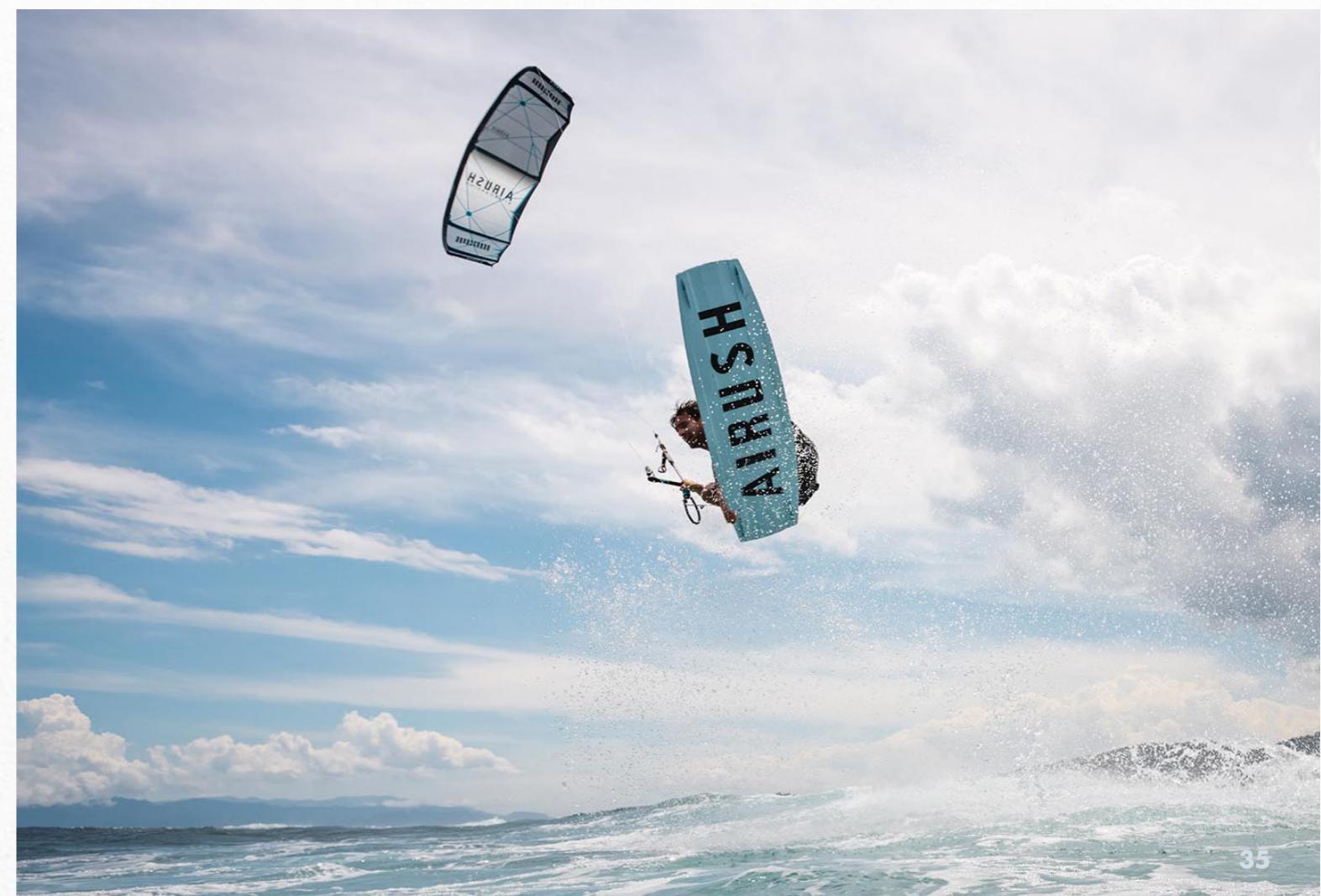
- TECHNO FORCE™/D2 canopy.
- High Tenacity Dacron leading edge.
- Load Frame technology featuring WebTech.

## Side Profile

- Short Chord & Fine Entry.
- High Aspect Ratio.
- Square Wingtip.

## Front Profile

- True C Shape.
- 5th Line.





# CONTROL SYSTEMS

# TAKE CONTROL

INTERVIEW WITH MECHANICAL DESIGN ENGINEER, TYLER RYAN.



## What is the difference between control bar sizes, and why would certain riders prefer longer or shorter bars?

It might be thought that longer bars are for larger kites. However, this isn't always the case.

Longer bars make the kite turn faster for a given input. Big air riders prefer a larger bar as it allows them to have absolute control over the kite and steer it with one hand. Some big air riders will use up to a 60cm bar on a kite as small as 5m to do certain moves. On the other hand, freestyle and wake style riders use the smallest bar possible, even on larger size kites, as it allows them to perform unhooked passes without oversteering the kite. In general, a 48cm bar is a good starting point for most kite sizes, especially as kite design gets better, and kites get faster.

## Is there a difference in the weights between models? What is the difference when riding?

There is very little weight difference between the bar models. The differentiation comes from the features offered and the intended use of each model. The Ride bar would be the lightest as it is the most minimalist bar in the range and the Magnum would be the heaviest as it has the most features built in. The main difference when riding would again be feature based, The Magnum bar features auto-untwist technology keeping your lines untangled for you.

## What differentiates the Team bar, and what is the difference when riding?

The Team bar is tailored around our big air pro team to be a straightforward heavy duty bar. It features

dual PU-covered depower main lines, a ceramic bearing Quick Release. The added redundancy of the dual DPML inspires confidence by distributing the load between two lines instead of one, even though both lines are capable of handling the load on their own.

The PU is less abrasive on the fingers and leads to a longer lifespan of the depower main lines. The ceramic bearing Quick Release operates more freely and untwists with minimal effort. The Team bar also comes standard with SK99 high performance flying lines, making your kite more responsive.

The Team bar also comes in a 40cm option, making it the ideal wake-style bar with its small diameter PU-covered depower main lines.

## There is an entire new bar range for Airush, what are some of the key updates to the Ride, Team, and Magnum control systems?

All the new bars come with the new Click Reset quick release, which has become the industry standard. We have also switched to using Clam cleats on our bars, as they are likewise an industry standard. They are proven to be reliable and easy to source should a replacement be needed. The Ride bar's major update is the use of a PU-covered depower main line to extend its service life and provide a smoother feel on the water. The Ride bar now also comes in 48cm and 55cm sizes.

The Magnum bar now features dual TPU-covered depower main lines that work with a brand-new center fitting to form the ultimate Auto Untwist bar. Moving to a dual DPML design eliminates the chance of accidental twisting of the tube in



the bar's center fitting. This has allowed us to open the tolerances of the center fitting, making turning much easier while retaining the auto-untwist function. The Magnum is now available in 48cm and 55cm sizes.

The Team bar now comes standard with SK99 flying lines, boosting the performance of your kite. It is available in 40cm, 48, and 55cm sizes. The 40cm bar is tailored for our freestyle athletes, while the 48 and 55cm options are designed for big air. We have reduced the number of segments and splices on the Team bar, resulting in a bar that stays in trim much longer under the most extreme conditions.

## What discipline was the Magnum bar designed for?

The Magnum bar was designed to be versatile across all disciplines. It has the adjustment and ease of use to be perfect for kite foiling and is compact enough to be used as a freestyle bar. The Magnum bar is a dream for freeride and exploration, as you can adjust the bar size quickly and easily use smaller or larger kites, meaning you only have to carry one bar when exploring remote islands. The smooth depower and Auto Untwist function allow you to focus on your riding and the scenery while the center lines keep themselves untwisted. The Magnum bar can also hold its own in big air, however, we will always recommend the Team bar as our ultra-heavy-duty big air specific control system.

## Which bars are compatible with the Razor as a 5th-line-bar?

The Team bar and the new Magnum bar are compatible with the Razor as a 5th-line bar. The Ride bar is only compatible as a 4-line bar. The Razor kites are shipped with a 5th-line conversion kit, which can quickly be attached to either the Team or Magnum bar.

## Is the Magnum Bar a good choice for Wave riding?

The Magnum bar is an excellent choice for wave riding, as it allows down-the-line looping to get around tough sections without causing centerline twists. This keeps your kite performing at its best at all times.



**Tyler Ryan** is the Control Systems designer for Airush Kiteboarding, bringing 18 years of kiting experience to the role. His deep understanding of the sport informs his innovative approach to designing intuitive and reliable control systems, enhancing performance and safety for riders of all levels.

# MAGNUM

## VERSION 2

Premium all-around control system.

Auto Untwist with ceramic bearing Quick Release.

Smooth depower function with dual PU-covered depower main lines.

For a premium all-around control system that is precise, reliable, and has an expansive trim range, look no further than the Magnum. In surf, foil, or Big Air, the embossed and sanded grip offers you the ultimate comfort, while an Auto Untwist center fitting and dual PU-covered depower main line offer uncluttered confidence and smooth depower.



### Key Features

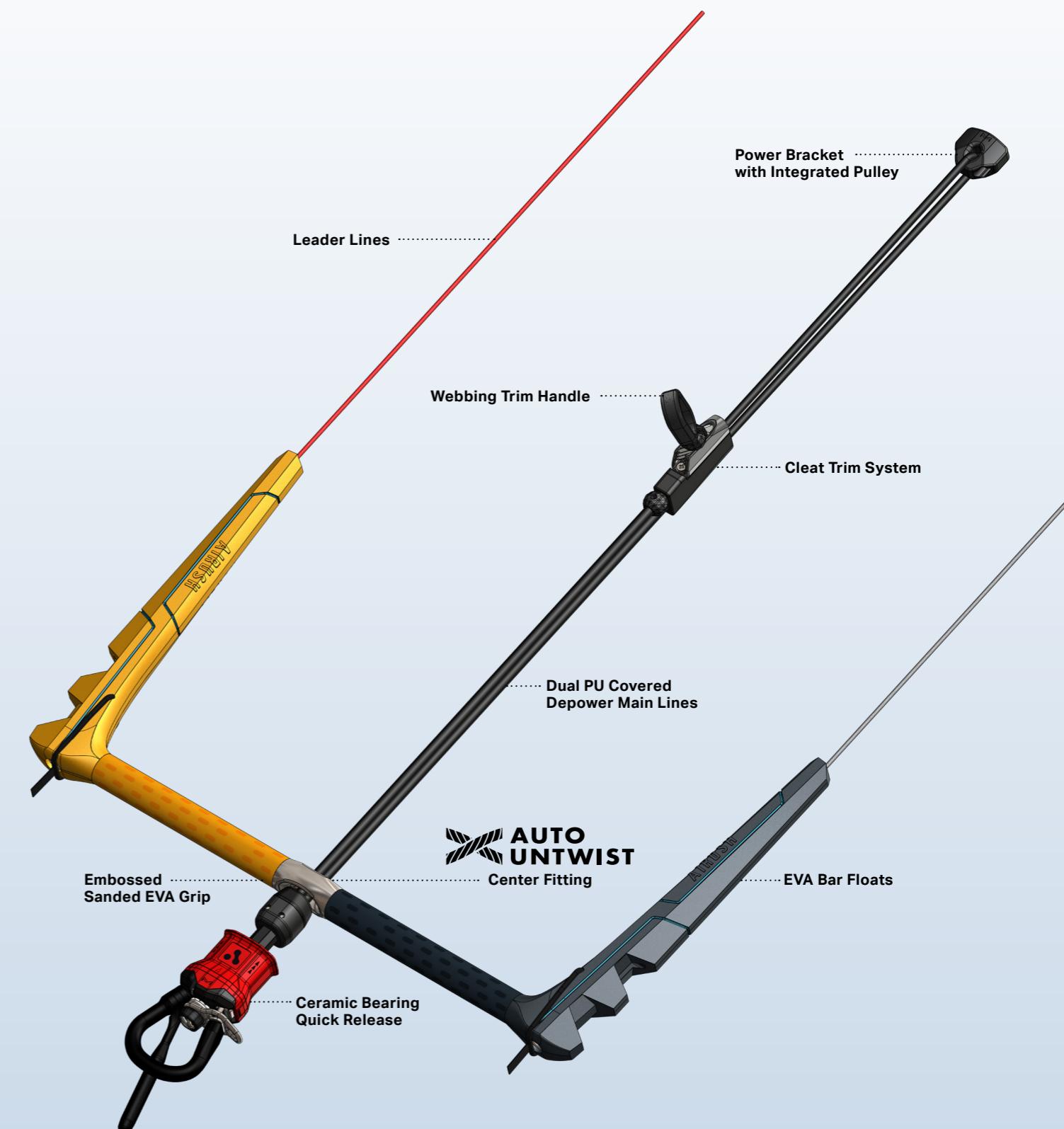
- Ceramic Bearing Quick Release.
- Dual PU covered depower main lines.
- Single Front Line Flagout System.
- Power Bracket with Integrated Pulley.
- Cleat Trim System.
- Webbing Trim Handle.
- Embossed Sanded EVA grip.
- Auto Untwist Center Fitting:



**AUTO  
UNTWIST**



# CONTROL SYSTEM TECHNOLOGY



# MAGNUM

Premium all-around control system.

Auto Untwist with ceramic bearing Quick Release.

Smooth depower function with dual PU-covered depower main lines.

# RIDE

## VERSION 3

- Reliable & easy to use control system.
- PU Covered Depower main line with Bearing QR.
- Compatible with all 4-line Airush kites.

Simplicity without compromising quality, the Ride Bar is the ideal companion with an easy to use, reliable clam cleat depower system. The durable EVA injected bar end floats are flexible for an overall better kite response and offer increased buoyancy. Paired with any 4-line kite, the 23m flying lines, ISO 21853 aligned QR, and one-handed release and reset system complies with IKO and BKSA teaching standards with the Low-Y on the center lines, allowing for a quick single line flag out.



### Key Features

- Sanded and embossed EVA grip.
- Bearing Swivel.
- Aluminum 6061-T6 reinforced bar ends.
- PU Covered Depower Main line.
- Durable depower main line construction.
- Adjustable cleat with soft webbing trim handle.

### Available In

- 48 & 55cm.
- 5cm rope leash included.
- Front lines: 14 + 9m.
- Rear lines: 23m.

### Construction

- Power bracket with integrated pulley.
- Adjustable cleat.
- Webbing loop trim handle.



# TEAM

## VERSION 3

- Compatible with all 4-line Airush kites.
- Compatible with the Razor as a 5th-line bar.
- Available in 40, 48, and 55cm lengths.

A team engineered 4-line bar that is optimized for the no nonsense advanced freestyle and looping enthusiast. Featuring heavy-duty front and rear lines, the Team Bar is packed with the features you want in order to customize and suit your preferences. The Team bar is compatible with the Razor as a 5th-line bar.



### Key Features

- Compatible with the Razor as a 5th-line bar.
- 2 x PU covered center lines.
- 50cm bar throw.
- Full EVA floats.

### Available In

- 40, 48, & 55cm.
- Freestyle leash included.
- Front lines: 14 + 9m.
- Rear lines: 23m.

### Construction

- No nonsense bomb proof construction.
- Embossed sanded EVA grip.
- Ceramic Bearing Quick Release.





# TWINTIPS



PHOTO: Mitchell Doyle Markgraaff RIDER: Jason Van Der Spuy

# CHOOSE YOUR WEAPON

INTERVIEW WITH MECHANICAL DESIGN ENGINEER, TYLER RYAN.

## What is the thinking behind offering the two constructions with the Originals and Team Series?

We have focused on developing the sport in two key areas.

One is reducing the barriers to entry, making products more affordable and easier to use, whilst retaining their high performance capabilities for all riders. The second is capitalizing on the latest technologies and developments to push the innovation window to build products for riders who want to be at the pinnacle of the sport.

For the Originals board constructions, we focused on using proven and reliable materials from the leading suppliers in the market, with ongoing refinement in designs, and manufacturing techniques.

For the Team Series, we really want to build a collection that showcases the ultimate blend of performance and durability, which sits at the pinnacle of all products. A very important criteria for us was that even though we were chasing reduced weight and increased performance, we wanted to truly increase the durability.

## What have the key changes in the range been?

The most notable updates in the range are the new Switch and Switch Team, the Diamond, and the Apex and Apex Team models.

- The Switch and Switch Team have refreshed outlines and graphics.
- The Apex range has been completely redesigned with a new shape, rocker, layup, and graphics.
- The Apex Original is a do it all bombproof board with its basalt layup and tuned flex pattern.
- The Apex Team has been tailored around our big air team to be an absolute big air monster while also performing very well in freeride and freestyle.
- The Diamond has a new shape and outline and graphics.



Tyler Ryan is an industrial designer for Airush Kiteboarding, overseeing the development of the twintip board range. With a focus on innovation, durability, and sustainability, Tyler integrates advanced design principles and cutting-edge materials to enhance performance across freeride, freestyle, and big air disciplines. His work ensures that each board, from the versatile Switch to the competition-ready Livewire, meet the evolving demands of riders worldwide.

## Do all the board models come in two constructions?

Yes, with the exception of the Diamond.

The Switch, Apex, and Livewire all offer a glass based construction. From there, we offer a performance upgrade in each model, increasing response, improving ride quality, and reducing weight wherever possible by using cutting edge material technology.

## Is there a difference in the weight between the Originals and Team Series boards, and what is the difference when riding?

There are weight differences between the Originals and Team Series, which varies from model to model.

The Team Series boards are differentiated from the Originals by using cutting edge materials in the construction, making the Team Series lighter, stronger, and more responsive.

## Is there a difference in the flex between the Originals and Team Series boards? What is the difference when riding?

Yes. The Team Series boards tend to have a stiffer flex pattern, which allows them to remain predictable and responsive at the highest performance levels.

## Is the Team Series construction stronger than the Originals?

The high performance materials used in the Team Series are at the cutting edge of material technology.

These materials allow the boards to perform at a higher level with reduced weight, and increased durability over the Originals. The Team Series boards thrive under high stress.

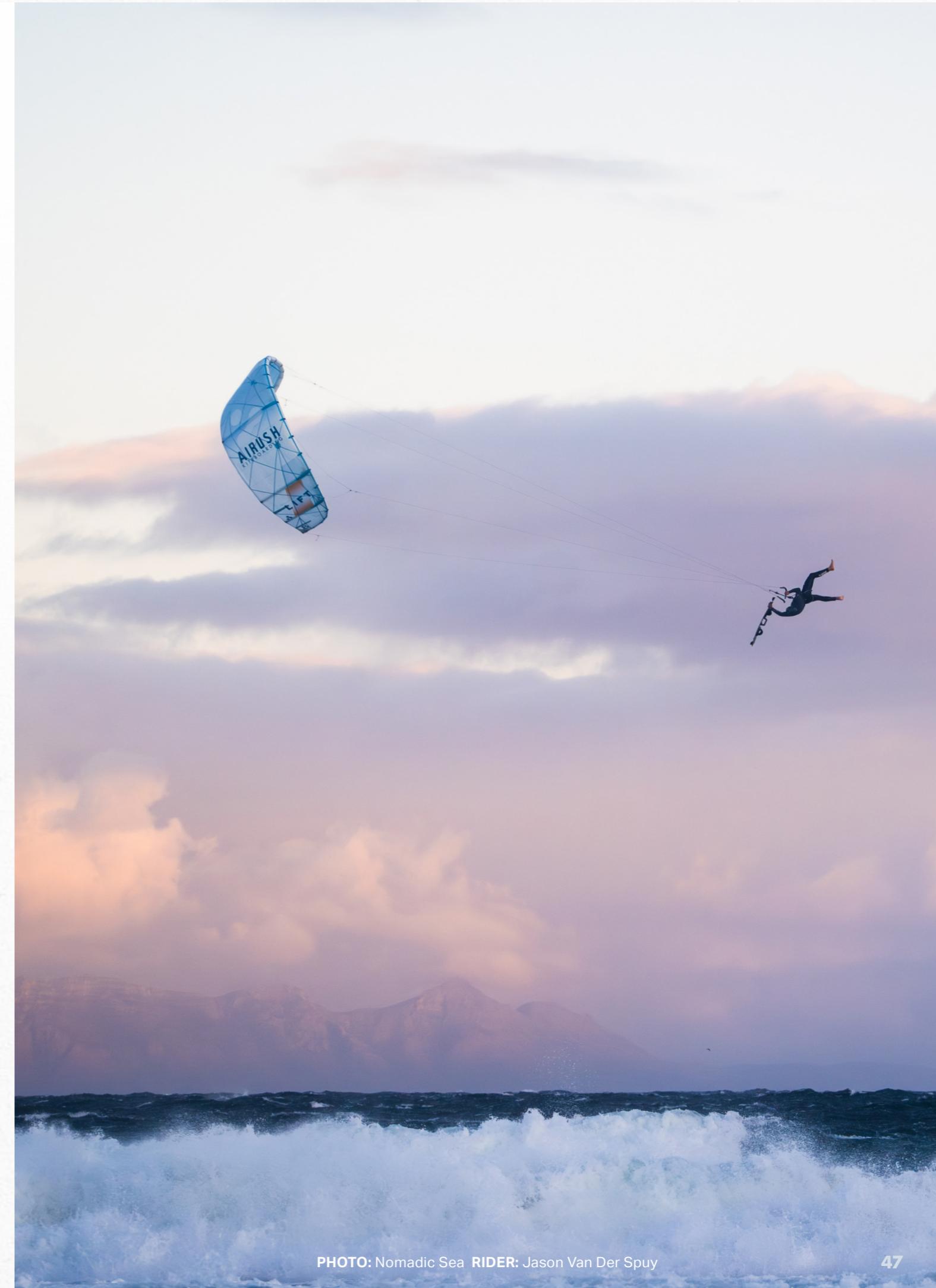


PHOTO: Nomadic Sea RIDER: Jason Van Der Spuy

# TWINTIP MODEL SUMMARY



## Switch vs Switch Team

The Switch Team has a stiffer and more lively construction than the Switch. The Switch is more flexible due to its glass construction, and performs better in choppy conditions. In comparison, the Switch Team has the same DNA as the Switch, but features a slightly stiffer flex pattern, making it more responsive and playful on the water.



## Apex vs Apex Team

The Apex is best suited to big air and performance freeride. The Apex Team has a stiffer and lighter construction than the Apex, making it better suited to advanced riding and big air. Both share the same shape and outline, built for big air freestyle crossover. The Apex is more forgiving in chop due to its more flexible layup whereas the Apex Team thrives under pressure, and will match anything you throw its way.



## Livewire vs Livewire Team

The Livewire is our dedicated park board, featuring a bombproof Duratech Response Glass construction featuring Triax technology, and a Sintered Grindbase. The Livewire can do it all, and can take a beating while doing it.

The Livewire Team is purely competition freestyle orientated, and features a bombproof Triax Carbon construction, which is optimized for maximum pop while remaining as light as possible.



## Diamond

The Diamond is our dedicated female board, which features a lightened construction for slightly more flex, and a tailored narrower stance. The Diamond is the perfect board for lighter riders.

## KEY COMPARISONS

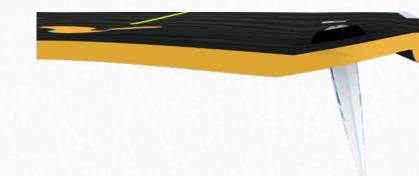
### Switch Team v11 vs Switch Team v12

- The Switch Team v12 features an all-new outline that's been optimized for holding an edge while limiting spray back.
- Refined Carbon Glass lightweight construction.
- Graphic update.

### Apex Team v9 & Apex Team v10

**Shape:** The Apex v10 features an all-new outline and shape optimized for Big Air/freestyle crossover, offering better traction on the water as well as improved upwind ability.

- The Apex v10 now includes "grab" pockets near the rail for board-offs or simply to carry the board down to the water.
- The Apex v10 features a canted fin design, which allows the maximum surface area of the fin to engage the water while the board is being driven hard on the rail. This canted fin design also enhances stability during fast landings.



**Rocker:** The Apex Team v10 has a rocker similar to the Apex v9 but features a more pronounced center spine, which adds a "double rocker" element, making hard landings feel much softer.

**Layup:** The Apex layup has been refined to achieve the perfect balance between flex and responsiveness on the water.

### Diamond v8

- New shape.
- Graphic update.

### Livewire v8 & Livewire v8 Wildcat

- Graphic update.
- Livewire v8 ships with 35mm GFN fins instead of 25mm.

### Livewire Team v8 vs Livewire Team v8 Wildcat

- Graphic update.
- Livewire v8 ships with 35mm GFN fins instead of 25mm.

# SWITCH

VERSION 12

Intuitive & comfortable freeride board.  
Step down rail for maximum edge control.  
AR Glass construction with Multizone Biotech core.

The longest running board model in kiteboarding history, the Switch is the ultimate refined freeride machine. Designed for all-around fun riding, combining ease of use with forgiving and friendly handling to match the needs of progressing kiters and those looking for a comfortable ride. With the new kiter in mind, the progressive single concave provides excellent comfort, for a smooth and lively riding experience. Thin rails ensure a clean water release and offer sensational low drag and easy upwind tracking.



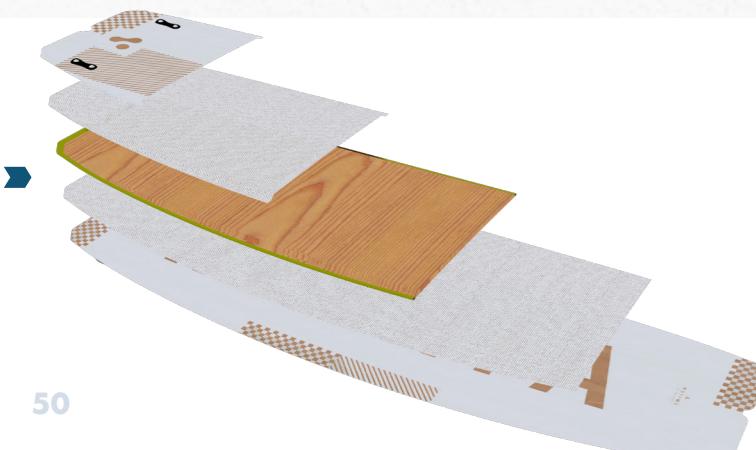
**Freeride:** 100% **Freestyle:** 25% **Wakestyle:** 0% **Progression:** 100%

#### Key Features

- Kitted with AK Durable Supply Co. bindings, fins, and handle.

#### Available In

138x41, 141x42, 144x43



#### Construction

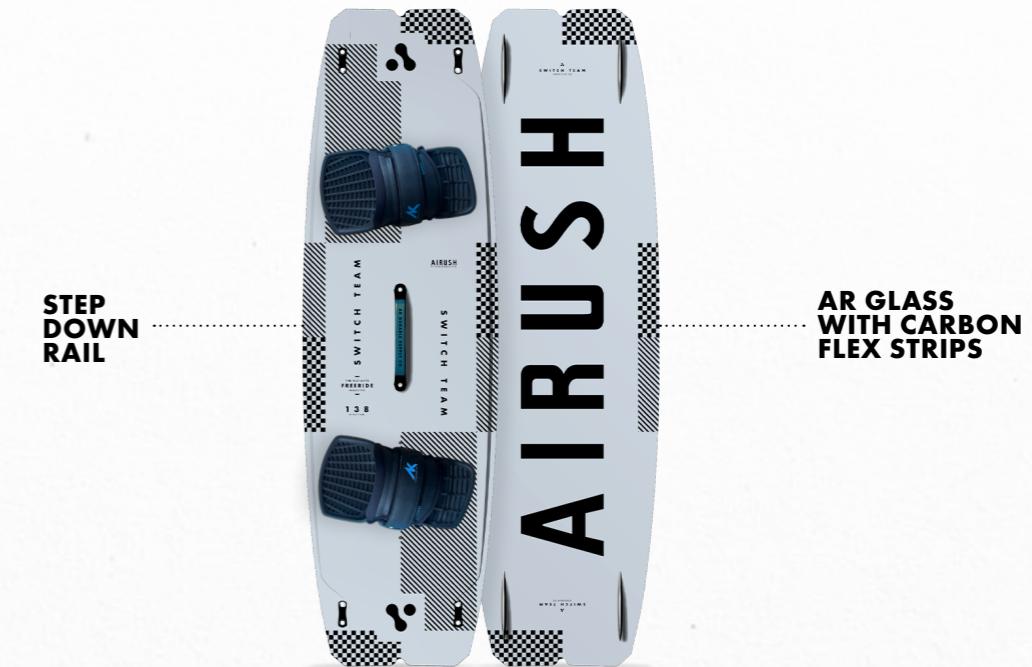
- AR Glass Construction.
- ABS Reinforced Inserts & Rails.
- Paulownia Multizone Biotech Core.
- Durable Bottom Sheet.

# SWITCH TEAM

VERSION 12

Intuitive & refined performance freeride shape.  
Step down rail for maximum edge control.  
Uni-directional center stringer for added response.

The Switch Team is an extremely responsive performance freeride board, which excels when loading, popping, landing and cruising. Even in the choppiest conditions, this board is really fun and easy to set on rail. The Switch Team is playful for carving, benefitting from just the right amount of grip with the thinner rails, tuned flex, and outline. Transitioning through carves along the board's rails is predictable and intuitive, while the Uni-directional stringers offer improved stiffness between the feet and faster reflex for enhanced freestyle performance.



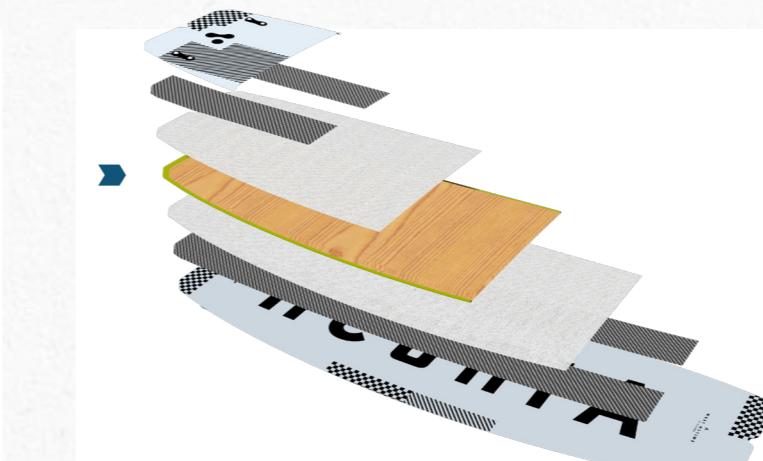
**Freeride:** 100% **Freestyle:** 50% **Wakestyle:** 0% **Progression:** 75%

#### Key Comparisons

- Carbon stringers for increased response and performance.
- Kitted with AK Durable Supply Co. fins and handle.

#### Available In

138x41, 141x42, 144x43



#### Construction

- AR Glass Construction.
- Carbon Flex Strips.
- ABS Reinforced Inserts & Rails.
- Paulownia Multizone Biotech core.
- Durable Bottom Sheet.



# APEX

VERSION 10

Performance Freeride & Big Air for intermediate to advanced riders.  
Hull inspired base channels for maximum edge control.  
Glass Construction with canted fin design.

The Apex is designed as an all-around versatile twintip for intermediate to advanced riders, using either boots or bindings, in both freeride and big air. The double concave with a solid center spine provides softer landings and better edge grip when riding on flat water, while the double basalt fiber laminate offers increased responsiveness and bombproof durability. This makes the Apex perfect for hooked and unhooked powered tricks, allowing you to push your limits.



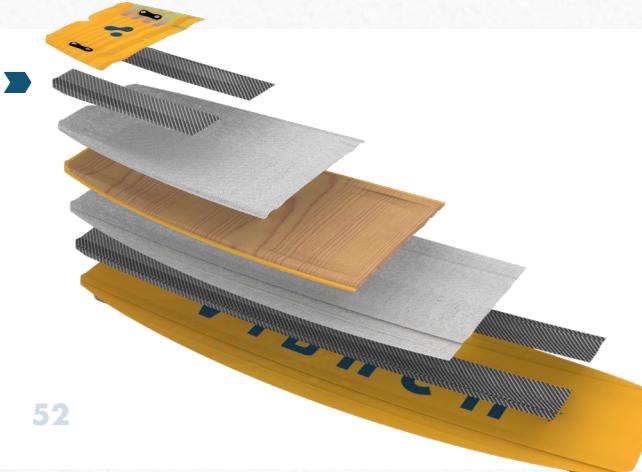
**Freeride:** 100% **Freestyle:** 75% **Wakestyle:** 50% **Progression:** 50% **Big Air:** 100%

#### Key Features

- All-new shape & bombproof construction.
- Channel bottom for added grip on the water.

#### Available In

133x39, 136x40, 139x40, 142x40



#### Construction

- Lightweight Top Sheet.
- Carbon-Glass Construction.
- ABS Reinforced Inserts & Rails.
- Paulownia Wood Core.
- Durable Bottom Sheet.

#### Canted Fin Design

# APEX TEAM

VERSION 10

Performance Freeride & Big Air for intermediate to advanced riders.  
Hull inspired base channels for maximum edge control.  
Lightweight Carbon construction with canted fin design.

The choice of our Big Air team, the Apex Team is designed as an all-around versatile twintip for performance freeride and big air. The double concave with a solid center spine aid both soft landings and better edge grip when riding on flat water. The premium Carbon Basalt construction increases performance for added pop when jumping big, making the Apex Team perfect for hooked and unhooked powered tricks, allowing you to push your limits.



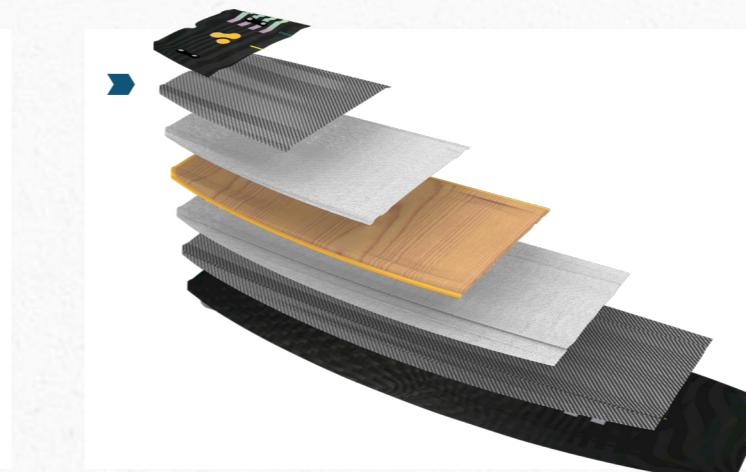
**Freeride:** 100% **Freestyle:** 75% **Wakestyle:** 25% **Progression:** 75% **Big Air:** 100%

#### Key Features

- Engineered around our big air team to be stronger & lighter.
- All-new shape & construction.
- Channel bottom for added grip on the water.

#### Available In

133x39, 136x40, 139x40, 142x40



#### Construction

- Weight Optimized Layup.
- Carbon Glass Hybrid Laminate.
- ABS Reinforced Inserts & Rails.
- Paulownia Wood Core.
- Durable Bottom Sheet.

#### Canted Fin Design



# LIVEWIRE

## VERSION 8

Performance freestyle & park-specific twintip.  
Duratech Response Glass with Triax technology.  
HD Grindrite sintered base with deep channels.

The Livewire is a refreshing take on a freestyle, park, and wakestyle board, providing tons of performance without compromising on riding comfort. Boots or straps, the Livewire is responsive underfoot, grips incredibly well, and the pop will fire you into your next move. Featuring an HD Grindrite base, deep channels, and a concave combo bottom in conjunction with a high rocker; this combination of features makes the Livewire the most aggressive and durable freestyle and wakestyle board in our range.



**Freeride:** 25% **Freestyle:** 100% **Wakestyle:** 100% **Progression:** 0%

### Key Features

- Full 3D deck shape.
- Deep channel & concave combo bottom shape.
- Rail channels.

### Available In

138x41, 140x42, 142x43, 147x43



### Construction

- Duratech Response Glass.
- ABS Reinforced Inserts & Rails.
- Paulownia Multizone Biotech Core.
- HD Gridrite Sintered Base.



# LIVEWIRE TEAM

## VERSION 8

High performance freestyle machine.  
Perfect balance of weight, rocker & flex for response.  
Carbon Triax Technology.

The Livewire Team is designed for the high-performance freestyle rider focused on the perfect balance of weight, rocker, flex, and response. Ideal for boots, the optimized 3D deck, deep channels, and concave combo bottom make this board a competition machine. The Carbon Triax Technology combined with 12K spread tow carbon adds another dimension of laminate strength. For an insane amount of pop, the Livewire Team makes fast rotations during complex maneuvers effortless, and has exceptional impact absorption for controlled landings, all while remaining light underfoot.



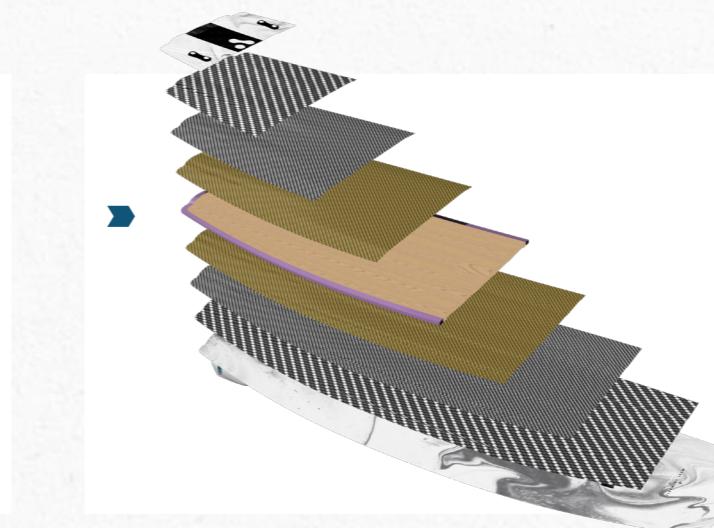
**Freeride:** 25% **Freestyle:** 100% **Wakestyle:** 75% **Progression:** 0%

### Key Features

- Deep channel & concave combo bottom shape.
- Rail channels.

### Available In

138x41, 140x42, 142x43



### Construction

- Triax & Wide Tow Carbon Lamination.
- ABS Reinforced Inserts & Rails.
- Paulownia Multizone Biotech core.
- Deep Channels & Concave Combo Bottom.

# DIAMOND

## VERSION 8

All-around freeride twintip for the lighter rider.

Narrow stance & softer flex pattern.

Single basalt fibre lamination for lightweight reflex.

The Diamond is the ultimate all-around female freeride board. Created with the smaller, lighter rider in mind, the Diamond has a narrower relative outline, softer flex pattern, and fine-tuned narrowed stance. A double concave with a solid spine allows for smooth landings, while a basalt fiber lamination provides the flex, lightness, and durability. This makes it perfect for riders pushing their limits without compromising its playful character for those progressing.



NARROW  
STANCE &  
SOFTER FLEX  
PATTERN

SINGLE BASALT  
FIBRE LAMINATION

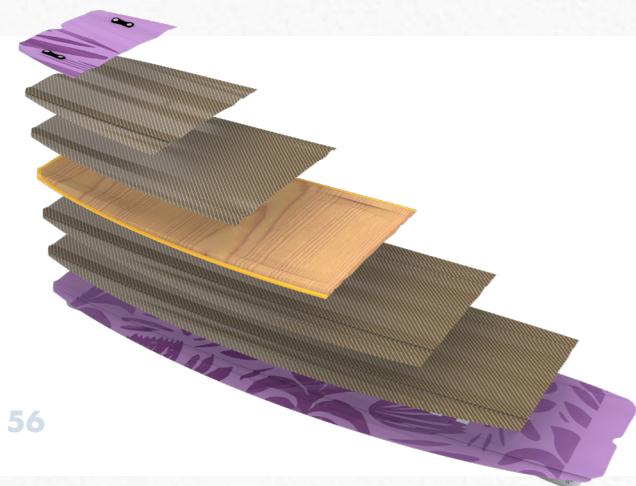
Freeride: 100% Freestyle: 100% Wakestyle: 25% Progression: 75%

### Key Comparisons

- Women's specific lightweight laminate.
- Fine-tuned narrower stance.
- Matte PBT base for improved scratch resistance.

### Available In

130x39, 133x39, 136x40



### Construction

- High Gloss Durable Top Sheet.
- Single Layer Basalt Construction.
- ABS Reinforced Inserts & Rails.
- Paulownia Multizone Biotech Core.
- TPU Lightweight Bottom Sheet.



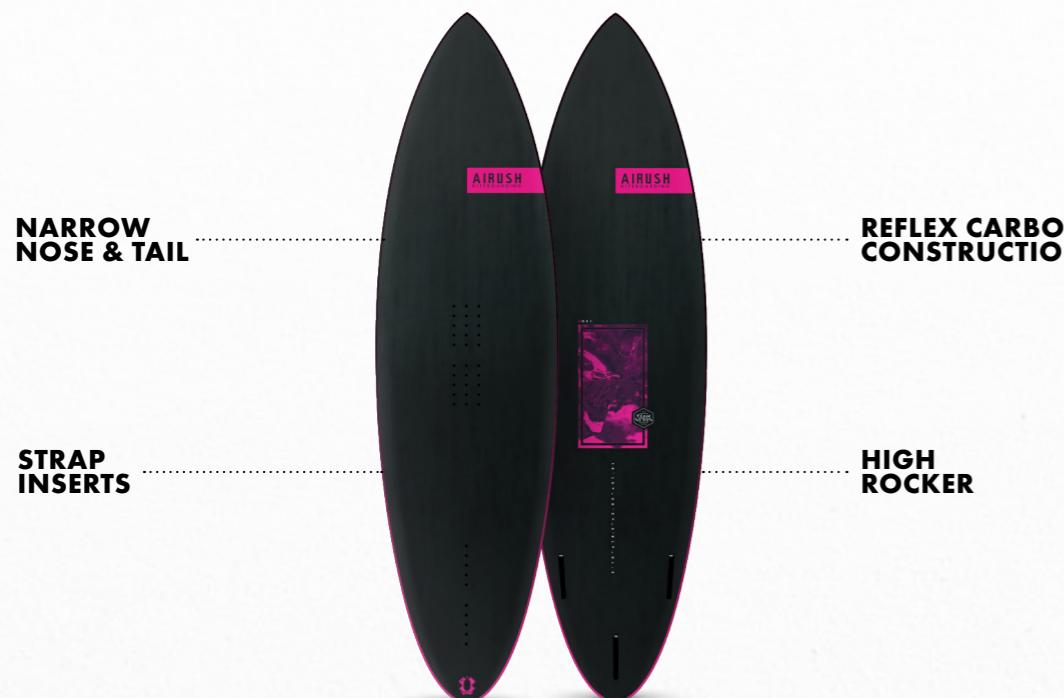
5 x World Champion  
BRUNA KAJIYA



# OS-1 TEAM

Down-the-line performance shape.  
High rocker with narrow nose & tail.  
Durable & lightweight Reflex Carbon construction.

The OS-1 Team is our down-the-line performance oriented board. The high rocker allows you to edge into the steepest of waves, while the narrow nose and tail open up its full turning abilities and top to bottom riding. The Reflex Carbon construction offers the best combination of flex and maximum durability.



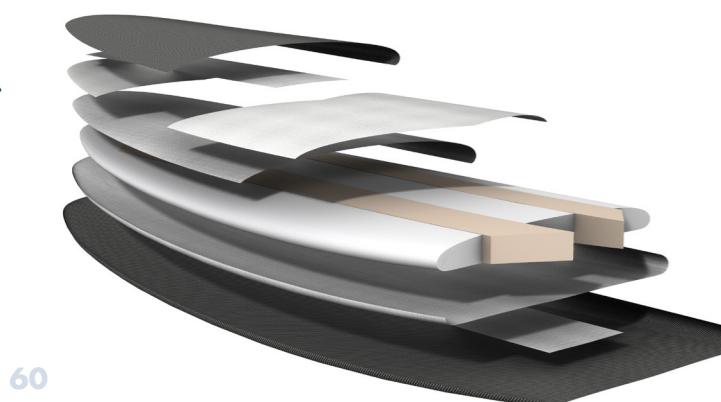
**Cross-shore:** 75% **Lightwind:** 75% **Wave Height:** 75% **Onshore:** 75%

## Key Features

- Down-the-line shape.

## Available In

5'10" (178cm) x 18" (45.7cm) x 2.05" (5.2cm) x 21.8L  
5'10" (178cm) x 18.5" (47cm) x 2.05" (5.2cm) x 22.4L



## Reflex Carbon Construction

- 150g Biaxial Carbon.
- 225g UD Glass.
- 225g UD Glass (15cm Panel).
- Fused EPS Core.
- 225g UD Glass (15cm Panel).
- 225g UD Glass.
- 150g Biaxial Carbon.



# AMP TEAM VERSION 6

All-around surf shape without footstrap inserts.  
Fast rocker with maneuver oriented outline.  
Durable & lightweight Reflex Carbon construction.

The AMP Team is our legendary all-around surf shape in a premium Reflex Carbon construction. It combines a flat rocker for high speed and control with a higher curve outline for optimal drive and maneuverability. The fuller nose aids the low wind performance, while the single to double concave absorbs chop effortlessly. The Reflex Carbon construction offers the best combination of lightweight and maximum durability. The AMP sets the standard in smaller wave and strapless riding performance.



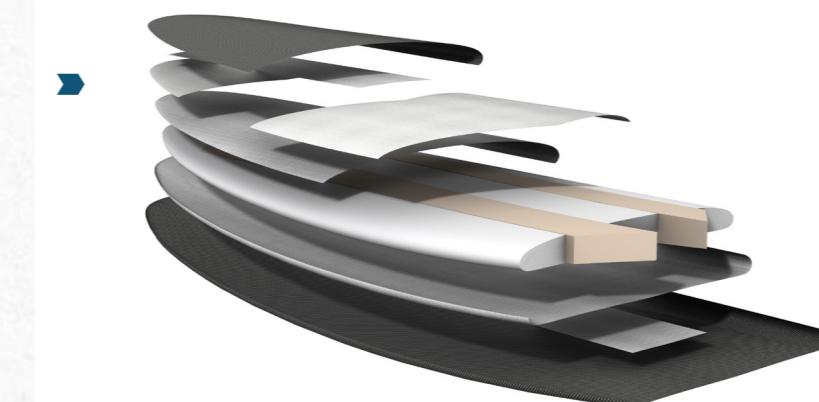
**Cross-shore:** 75% **Lightwind:** 75% **Wave Height:** 75% **Onshore:** 75%

## Key Features

- Reflex Carbon construction.
- All-around shape.

## Available In

5'2" (157cm) x 18.25" (46.4cm) x 2.0" (5.1cm) x 20.4L  
5'4" (163cm) x 18.75" (47.6cm) x 2.0" (5.1cm) x 21.6L  
5'6" (168cm) x 19.25" (48.9cm) x 2.0" (5.1cm) x 22.9L



## Reflex Carbon Construction

- 150g Biaxial Carbon.
- 225g UD Glass.
- 225g UD Glass (15cm Panel).
- Fused EPS Core.
- 225g UD Glass (15cm Panel).
- 225g UD Glass.
- 150g Biaxial Carbon.



# LAZY TWIN TEAM

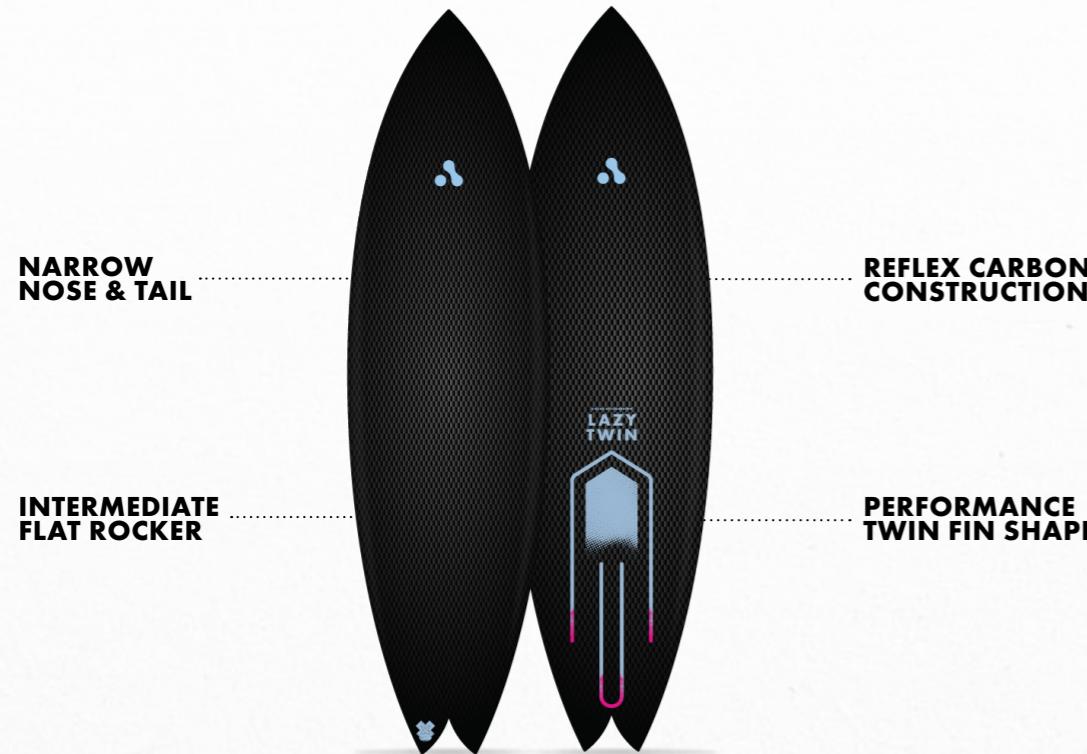


Performance Twin Fin shape.

Intermediate rocker with narrow nose & tail.

Durable & lightweight Reflex Carbon construction.

The Lazy Twin eats medium surf and loves speed, having you rethink how a twinfin should ride. Made for less-than-perfect conditions, the narrow shape, intermediate rocker, and relatively parallel fin configuration create a true performance twin for driving powerful turns and pivotal snaps.



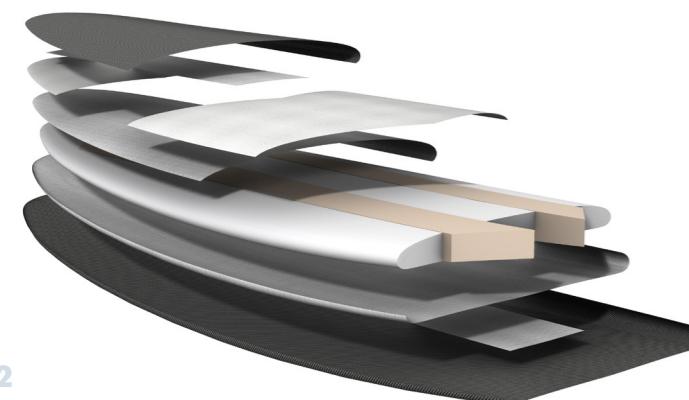
**Cross-shore:** 75% **Lightwind:** 75% **Wave Height:** 50% **Onshore:** 100%

## Key Features

- Performance Twin Fin.

## Available In

5'4" (163cm) x 17.5" (44.5cm) x 2" (5.1cm) x 19.2L  
5'6" (168cm) x 18" (45.7cm) x 2.05" (5.2cm) x 21.0L



## Side Profile

- Medium Tail Rocker.
- Medium Center Rocker.
- Medium Nose Rocker.

## Top Profile

- Narrow Tail.
- Forward Wide Point.
- Narrow Nose.

## Reflex Carbon Construction

- 150g Biaxial Carbon.
- 225g UD Glass.
- 225g UD Glass (15cm Panel).
- Fused EPS Core.
- 225g UD Glass (15cm Panel).
- 225g UD Glass.
- 150g Biaxial Carbon.



# CYPHER TEAM

## VERSION 4

High speed strapless blasting & boosting machine.

Parallel outline for stability.

Durable & lightweight Reflex Carbon construction.

The Cypher Team is optimized to be stable at speed with its flatter rocker, compact outline, and parallel rails. This makes it ideal for dedicated strapless freestyle, or ripping small surf. The single to double concave maintains its surf heritage, while softening the ride in chop. The Reflex Carbon construction offers the best combination of light weight and maximum durability. Boost, pop or shred, the Cypher delivers.



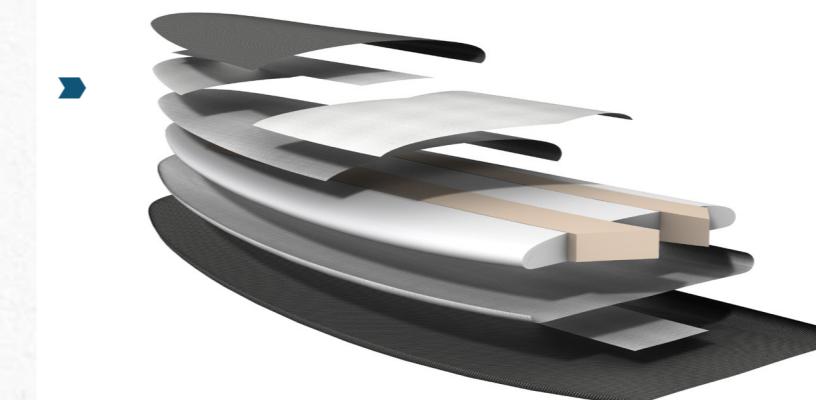
**Cross-shore:** 50% **Lightwind:** 75% **Wave Height:** 50% **Onshore:** 100%

## Key Features

- 1" Thinner for added performance.
- Strapless flatwater & onshore shape.
- Full deck cord traction.

## Available In

4'10" (147cm) x 18" (45.7cm) x 1" (2.54cm) x 11.4L  
5'0" (152cm) x 18.5" (47cm) x 1" (2.54cm) x 12.6L  
5'2" (157cm) x 19" (48cm) x 1" (2.54cm) x 12.8L



## Side Profile

- Flatter Tail Rocker.
- Flatter Center Rocker.
- Medium Nose Rocker.

## Top Profile

- Medium Tail.
- Central Wide Point.
- Wide Nose.

## Reflex Carbon Construction

- 150g Biaxial Carbon.
- 225g UD Glass.
- 225g UD Glass (15cm Panel).
- Fused EPS Core.
- 225g UD Glass (15cm Panel).
- 225g UD Glass.
- 150g Biaxial Carbon.





# FOILBOARDS

# TEAM FOILBOARD

## VERSION 5

Compact foilboard for riding with or without straps.

Concave deck with bevelled rails & convex nose.

Durable & responsive carbon construction.

The Team Foilboard is an extremely fun and skatey board for advanced freeriders, riding strapped or strapless. The ultra-light & durable carbon construction features a concave deck with bevelled rails & convex nose. This board is excellent for carving and performance freeride.



**Entry-Level:** 100% **Freeride:** 75% **Carving:** 100% **Racing:** 25%

### Key Features

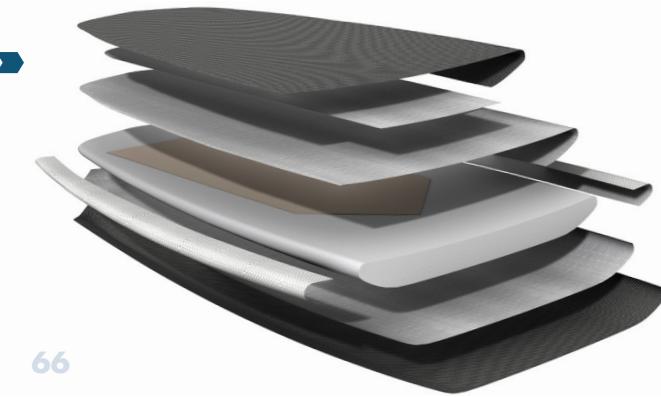
- Reduced weight Carbon construction.
- Concave deck with performance bottom shape.
- V-Strap & single front strap options.
- 10" US Foil boxes for micro trim.

### Available In

**11L** 38.6" (98cm) x 16.5" (42cm) x 1.5" (3.9cm)

**13L** 42.5" (108cm) x 17.7" (45cm) x 1.5" (3.9cm)

**15L** 47.25 (120cm) x 18.5" (47cm) x 1.5" (3.9cm)



### Carbon Construction

- 160g Carbon.
- 227g UD Glass.
- 227g UD Glass Center Panel.
- 160g Glass Rail Band.
- Fused EPS Core.
- 80kg/m<sup>3</sup> PVC Insert.
- 227g UD Glass.
- 160g Carbon.



PHOTO: Mitchell Doyle Markgraaff RIDER: Elias Ouahmid



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