

# 2024 Wave/Freeride/Foil/Freestyle Ranges



**SZ MAUI**<sup>®</sup>  
Legendary Design  
Magic Performance

CLICK ON THIS ARROW TO BEGIN!

# **S2MAUI** **Szpunar and Spanier** **Science and Sorcery**



## **Barry Spanier:**

Although I have been seriously occupied with the completion of the ROSIE G ([www.reddogyachts.com](http://www.reddogyachts.com)), the magic of social media has allowed me to keep up with what is going on with *S2Maui* in the world. It's so satisfying to see the years of Art's dedication to making every aspect of the ranges, their function, performance, and material properties all at the limit of lightness while still being strong enough for Cloud Break and Jaws. Fabric engineering in cooperation with Dimension™ Sailcloth development group has produced the exclusive technical materials that follow the Original *Technora™ Spacelight™* we tested in orbit. Now there is *Carbon WX Spacelight™* that is always load oriented and forms the shape stability in the lower sections of the sails.

Seeing the number of young sailors using *S2Maui* and getting strong results in high level competitions around the world shows me they have performance advantages that put them on the podium at Defi-Wind, Fiji Pro, Aloha Classic, and the PWA. France, Japan, Holland, Greece, Italy, the U.S. and Germany all have had champions over the last year. For me, this is simply the product of the talents of Art Szpunar and his ability to translate the feedback of the many sailors who provide input, and his own personal experience doing what he loves.

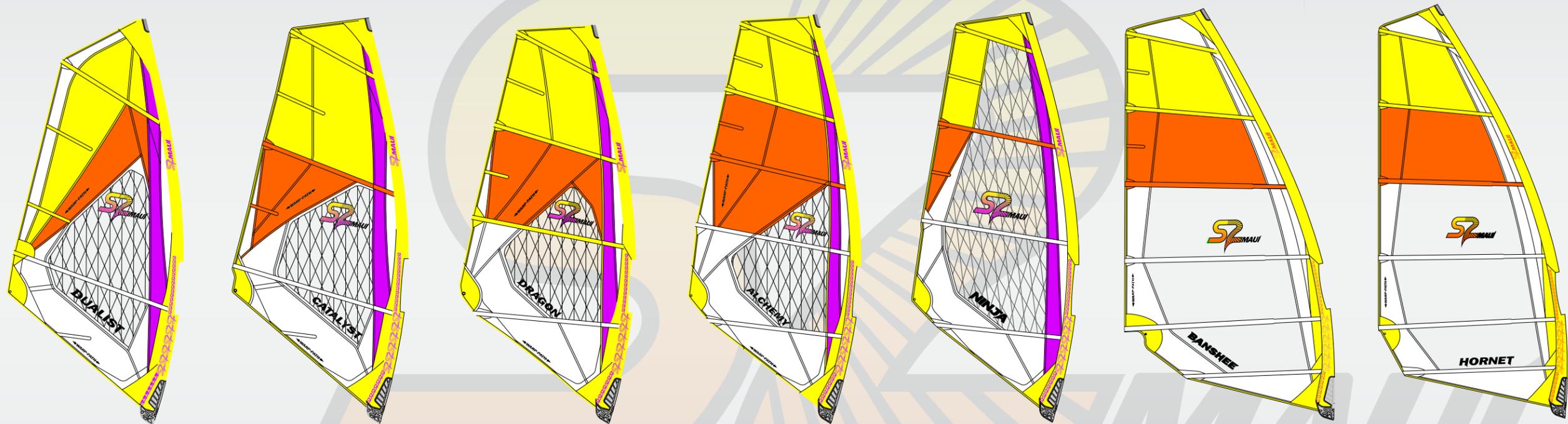
What is coming for 2024 will be a leap forward and I expect to see many more great results and praises for what has to be the most unique and highly developed sailing equipment available. It must be experienced to be fully appreciated..

Aloha, *Barry*



# 2024 WAVE / FREERIDE / FOIL / FREESTYLE SAIL RANGE OVERVIEW

**Mission:** *S2Maui's* foundation is our passion for windsurfing and innovative design, continuously pushing for the next performance level. We are dedicated to the highest level of design quality built upon experience creating sails that powered many champions to the highest levels and brought stoke to passionate riders world-wide. Our philosophy is to offer the highest performance, quality and value, combining the ultimate strongest and lightest materials with the best designs. Our exclusive, US built, technical laminate sail cloths now include the new extreme strength, low stretch **Carbon WX Spacelight™** in addition to our ultralight **Technora™ SpaceLight™** laminate sail cloth. *S2Maui's* **Spacelight™** styles weigh half as much, have stronger **Carbon** and **Technora™** fibers and are double pass laminated with adhesive on both sides of the fibers for maximum bond strength. *S2Maui's* high quality materials are a refreshing contrast to current industry trends of cheaper, lower quality materials with only polyester fiber and single side adhesive. Our personal reward comes during daily sessions on Maui's North Shore and through feedback from happy customers having the ultimate experience of the harmonious interaction of design, material, wind and water.



As the *S2Maui* brand continues to grow, we want to show appreciation to all of our loyal windsurfing family; customers, distributors, shops and athletes, for your continued support. Our goal in creating the new 2024 range is to offer significant innovation that will reward and excite. A major new development for this year is the **Gradient Concept** (details on p.7) which gives a technical structure and clean modern aesthetic like no other. The full carbon lower sail body is extremely functional and beautiful as well. This year's freeride sails also benefit from new development, notably *S2Maui's* "**Light-Film**" a light weight and durable colored Bi-ply material which works together with our **Technora™ Spacelight™** and shaping improvements to further reduce weight while increasing performance and overall wind range.

To help spread the word about *S2Maui's* innovative super light, strong and exceptional sails, we are proud to work with a talented group of riders. We have extended the contract of likely the planet's best waverider, winner of 2022 Cloudbreak, Fiji contest and vice Aloha Classic champ, Camille Juban for 2 more years. A dedicated group of Ho'okipa waveriders like Russ Faurot and Laurent Guillemain ensure constant "durability testing". Talented young rider Justine Lemeteyer has followed in veteran Delphine Cousin's footsteps, showing that *S2Maui* belongs atop the podium! Likewise young *S2Maui* rider Lohan Jules, shocks the world by winning the 2023 Defi-wind fin division. Veteran competitors Micah Buzianis and Antoine Questel provide valuable development feedback. Norio Asano and Mio Anayama continue to win in Japan. France, Holland, Germany, Italy, Greece, Finland and Portugal all have strong national teams! Thank you to all riders and importers for your work and support.

Together we continue with dedication to the ultimate in performance, quality and innovation to ensure that each new and every ongoing *S2Maui* customer will not want to sail anything else.

– Aloha, *Artur Szpunar*

## **S2MAUI'S EXCLUSIVE TECHNOLOGY ADVANTAGE**

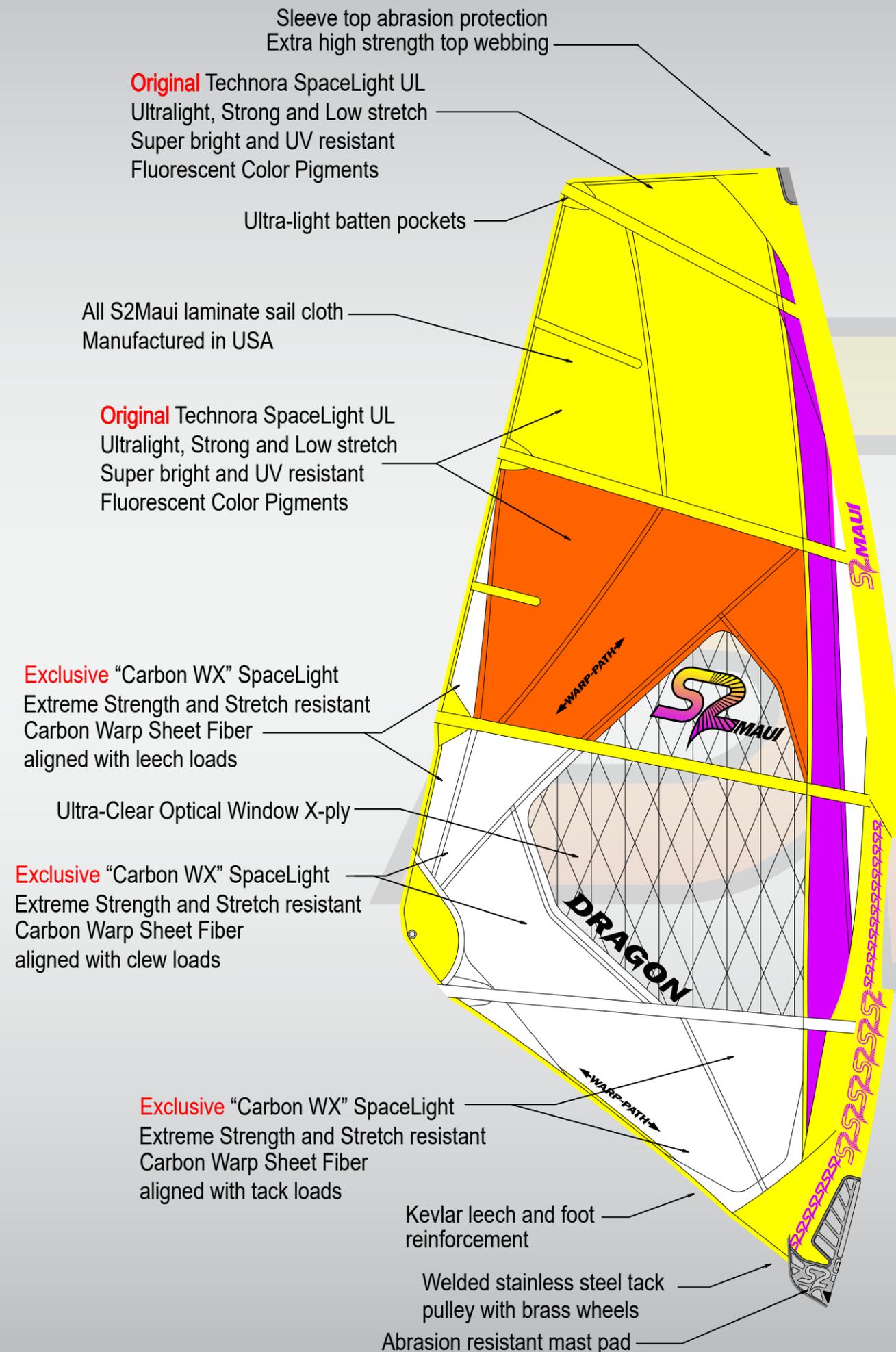
***S2Maui's high performance sails are built with Carbon and Technora™ fiber (S2Maui Spacelight™) which have up to 10x less stretch and 8x higher tensile strength than polyester (which is used by the other guys).***

***There's more to sail cloth than just its color! Many "marketing focused" brands use cheap polyester material that has 25 year old obsolete technology.***

***S2Maui is different and prioritizes cutting edge technical materials that give real performance advantages.***

To achieve our goal of developing sails with the highest possible performance, lightest weight and exceptional strength, we worked closely with the world-leading sail cloth manufacturer to design and develop the ultimate super-light and strong laminate sail cloth, ***SpaceLight™ Technora™*** to be used exclusively with our original, load oriented ***WARP-PATH™*** sail construction. To further push the envelope, we developed the exciting ***Carbon WX Spacelight™*** which incorporates extreme strength and virtually zero stretch 3500 Denier Carbon fiber warp yarns throughout the material, and is perfectly suited to handle the highest load tack, clew and leech areas of the sail and ensure ideal sail shape is maintained under load. All ***S2Maui*** laminate sail cloth is produced in the USA.





## SPACE LIGHT

*SpaceLight™* is *S2Maui's* exclusive durable super-light and stable laminate sail cloth featuring warp oriented *Technora™* and *Carbon* fibers.

*S2Maui* uses three different versions of *SpaceLight™*, each perfectly matched to the structural requirements in the given part of the sail.

1) *Carbon WX™ Spacelight™*: Extremely strong, durable and virtually zero stretch material with *Carbon* Fiber warp yarns. Used in highest load tack, clew and leech panels of the sail to perfectly control shape and provide incredible strength.

2) *Technora™ Spacelight™ UL*: Superlight, strong and stretch resistant material with 100% *Technora™* fiber warp and x-ply yarns. Used in upper and middle sail body panels for an amazing light feel and responsive handling.

3) *Technora™ Spacelight™ XTR*: Medium-light weight material with *Technora™* fiber. Used for durability in high load areas

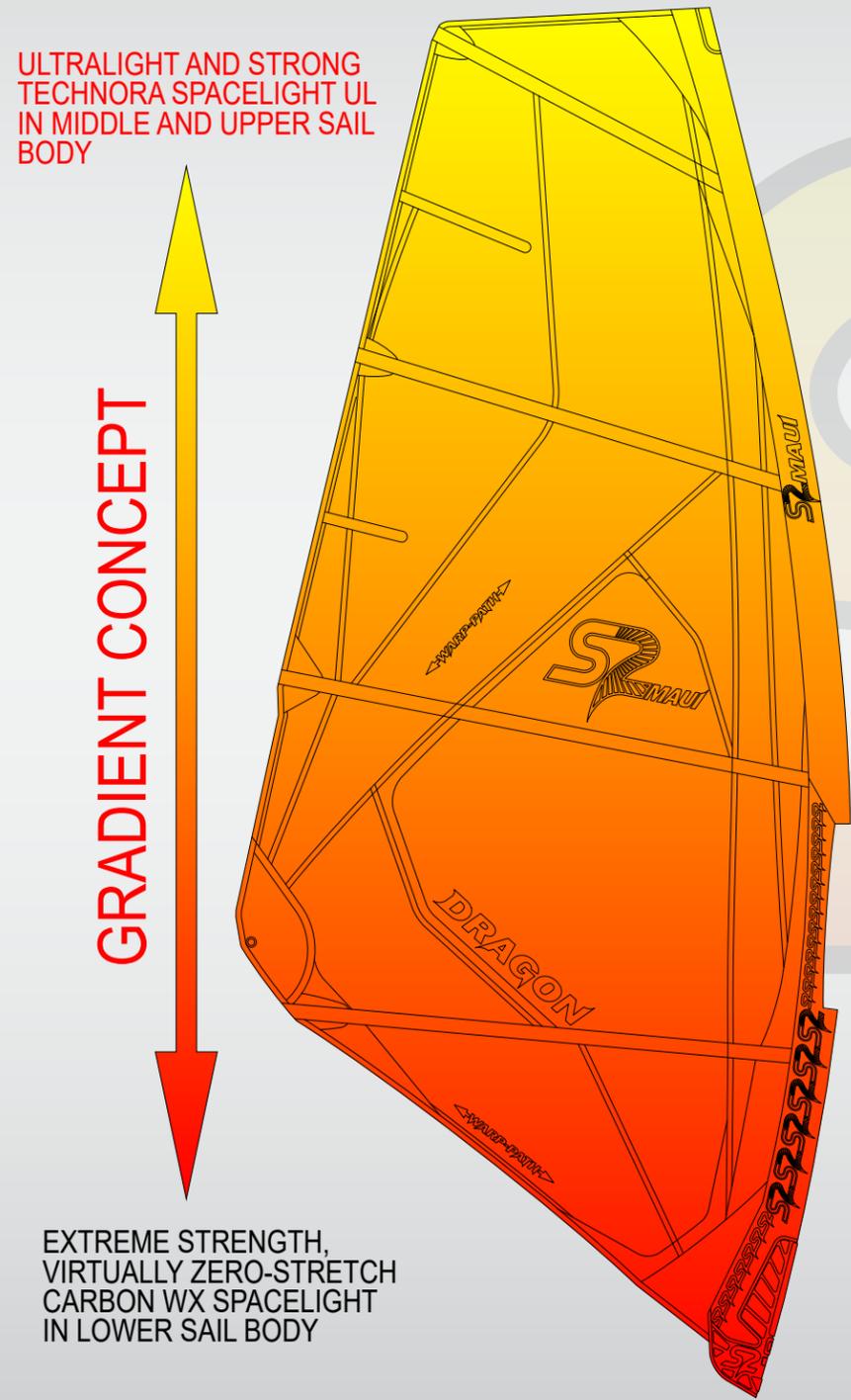


*S2MAUI'S exclusive WARP-PATH™ engineered panel layout load-orientates panels of technical Carbon WX Spacelight™ and Technora™ Spacelight™ material. New Gradient Concept™ locates these technical materials in their optimum location throughout the sail body.*

## **S2MAUI'S SPACELIGHT™ SAILCLOTH ADVANTAGE**

- **STRONGER MATERIAL:** *Carbon* warp fibers have eight times the tensile strength and *Technora™* fibers used in warp and bias directions have three times the tensile strength of standard polyester fibers.
- **LIGHTER MATERIAL:** *Technora™* and scrim matrix combined with double pass laminated, light weight films reduces weight by 50% to 75% compared to standard 5 mil sail material.
- **LESS STRETCH:** *Carbon* warp fibers used in highest load areas have 10 times less stretch than Polyester. *Technora™* fibers also have 4 times less stretch than Polyester. This is necessary for specific load orientated panel configurations.
- **MORE DURABLE:** The scrim base and extremely strong *Carbon* and *Technora™* yarns develop incredible tear resistance. Double pass lamination ensures a perfect bond with adhesive on both sides of the fibers and helps prevent delamination.
- **MORE UV RESISTANT:** The opaque and metallic pigments on both sides of the laminate have outstanding UV resistance.

## GRADIENT CONCEPT



New for 2024, *S2Maui's GRADIENT CONCEPT™* applies the highest strength, lowest stretch technical fabrics in the lower sail body and transitions to progressively lighter high-tech material as you move up the sail. The lower sail body is now built almost entirely with *S2Maui's* exclusive, incredibly stable, extreme strength *Carbon WX SpaceLight™* which transitions to ultralight, strong and responsive *Technora™ SpaceLight™* throughout the upper sail body. As a direct result, *S2Maui's* 2024 sails are lighter, more stable and more responsive than ever.

- Lower sail body in wavesails now built almost entirely with *Carbon WX Spacelight™* oriented according to load. This material provides extreme strength where it matters and it's virtually zero-stretch characteristics perfectly lock in the designed shape in the most essential lower sail panels
- Middle and Upper sail body in wavesails transitions to ultralight and strong *Technora™ SpaceLight™* with reduced number of seams. These upper regions of the sail benefit most from the incredible lightness, reducing swing-weight and providing lightning fast leech response.
- 2024 Freeride sails Banshee and Hornet also benefit from the *Gradient Concept*, however it is applied through a combination of multiple thickness Bi-Ply colored films, which progressively get lighter as you move from lower to upper sail body. *Technora™ SpaceLight™* is maintained in the leech for its outstanding combination of light weight and durability.



*Gradient Concept™ with full  
Carbon WX Spacelight™ lower sail body*

## WARP-PATH

**WARP-PATH™**, S2Maui's functional and unique panel layout, aligns *SpaceLight™* warp oriented *Carbon* and *Technora™* fibers along load paths in the sail body.

- **LIGHTER SAILS:** The strength of load oriented *Carbon* and *Technora™* fibers in super light *SpaceLight™* material allows for reduction in patch size which results in a weight of finished sails 10-20% below industry standard.
- **STRONGER SAILS:** Load oriented panels with high strength *Carbon* and *Technora™* distribute tension in high stress areas and create an incredibly strong sail body and perimeter. *Carbon* fibers used in foot, clew and lower leech have 8x higher tensile strength compared to Polyester Double pass lamination ensures long term durability.
- **PERFECT BALANCE AND STABILITY:** The **WARP-PATH™** engineered panel layout locates each technical material in it's optimum location to distribute forces throughout the sail body. 10x more stretch resistant *Carbon* fiber is load-oriented in the high tension tack, clew and lower leech zones, ensuring perfect shape integrity and improving stability and range. Superlight *Technora™* fibers are oriented according to twist and perimeter loads throughout the remainder of the sail body, creating a balanced skin tension and a smooth rig response. The rig feels perfectly balanced and connected throughout a wide wind range.
- **MORE RESPONSIVE HANDLING:** *Carbon WX Spacelight™* panels in the tack, clew and lower leech area more directly transmit energy and give the sail an amazing, responsive feeling that has to be experienced. Super-light weight and low stretch *SpaceLight™ Technora*, oriented along twist and perimeter loads allow for an extremely quick sail twist reflex dynamic. On the water, these technical features result in a magical feel that is light in the hands with smooth consistent power.

S2Maui's **WARP-PATH™** construction also has some notable advantages over expensive membrane sails:

- **SHAPING FLEXIBILITY:** **WARP-PATH™** offers benefits of *Carbon* and *Technora™* fiber orientation combined with the profile control advantages of vertical/horizontal sail shaping techniques.
- **CONTINUOUS ONE PIECE LUFF PANEL:** **WARP-PATH™** maintains a one piece, full length luff panel with *Technora™* fibers running the full length of the leading edge, uninterrupted. This is a much stronger construction than typical windsurf membranes, where horizontal seams split the fibers along the leading edge.
- **ABILITY TO CONTROL FILM THICKNESS:** **WARP-PATH™** combines benefits of *Carbon* and *Technora™* fiber orientation with the ability to also control film thickness where needed for durability. The result is the best combination of lightest weight and also highest strength and durability.



*WARP-PATH™ load oriented  
Carbon WX™ Spacelight™*

**DRAGON**

**←WARP-PATH→**

# DRAGON

## Competition Performance, Power & Agility

The *S2Maui* Dragon is the ultimate high performance, progressive wavesail. New for 2024, Gradient Concept Warp-Path construction applies the highest strength, lowest stretch technical fabrics in the lower sail body and transitions to progressively lighter high-tech material as you move up the sail. The lower sail body is now built almost entirely with *S2Maui*'s exclusive, incredibly stable, extreme strength *Carbon WX Spacelight™* which transitions to ultralight, strong and responsive *Technora™ Spacelight™* throughout the upper sail body. The final result is incredible stability and an ultralight, smooth and reactive feeling without equal. Combining incredible maneuverability and light, responsive handling with excellent power and wind range, the Dragon will draw the most radical lines at Ho'okipa, while also dominating a wave competition during a North Sea storm. Achieving agility and power from its perfectly balanced lower aspect ratio, the Dragon helps you execute the most demanding wave moves in down-the-line and onshore conditions alike, transitioning flawlessly from hard driving bottom turns to neutral off-the-top. Combining the power of traditional sails .2 square meters larger with reduced rotational inertia due to the low aspect ratio and super lightweight, the Dragon has a breathtaking maneuverability advantage that has to be experienced.

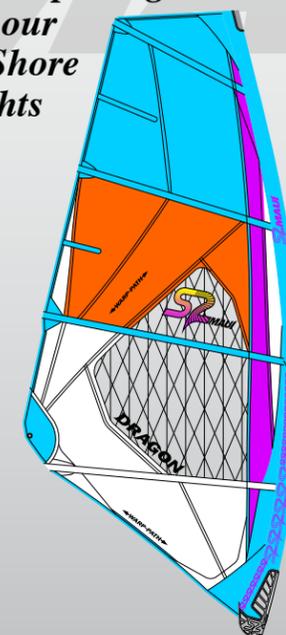
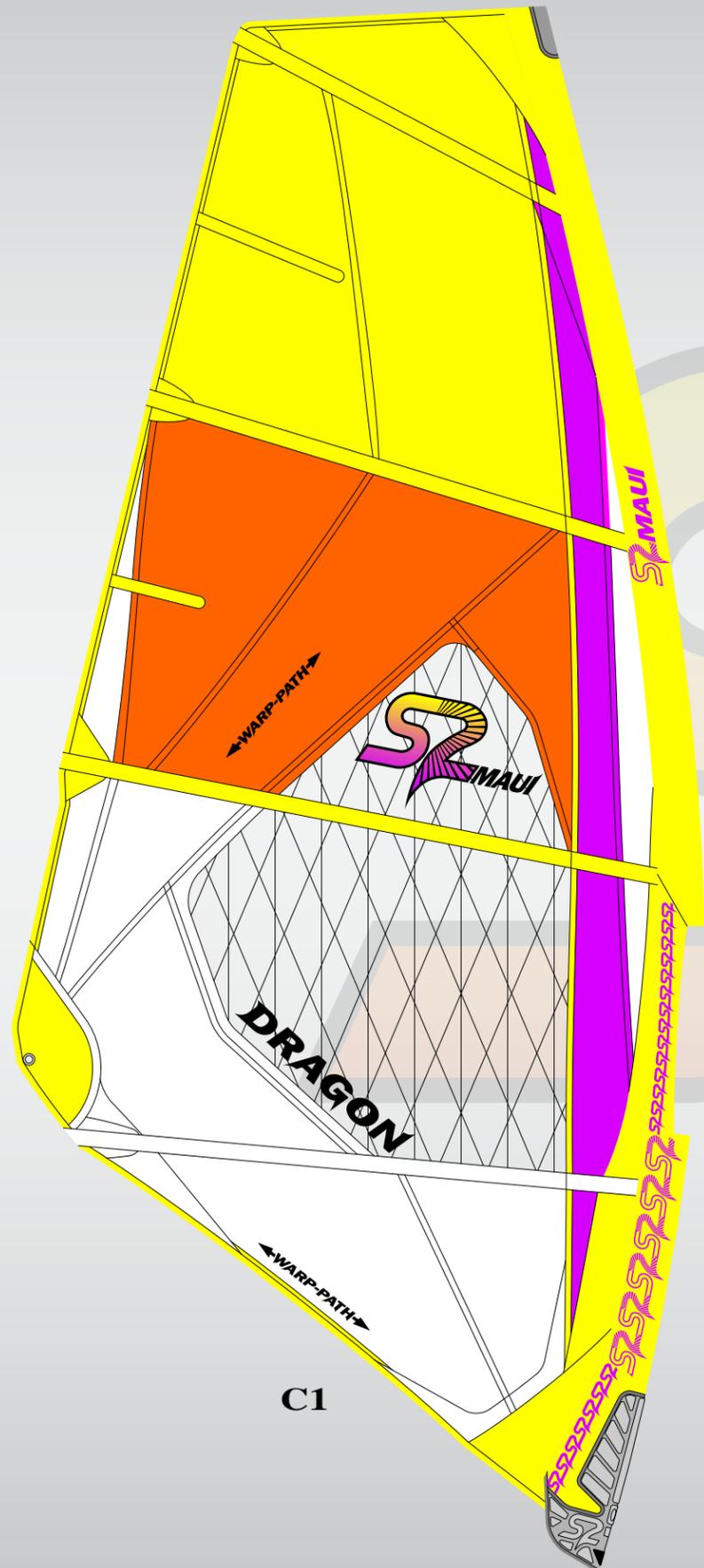
### Camille Juban:

*"When it comes to performance, the S2Maui Dragon is simply the sail I can trust the most. The lightness and maneuverability made me have good results at contests, especially at the Aloha Classic."*  
*(Camille career best PWA event results 2nd place at Aloha Classic, 3rd place at Cabo Verde.)*

### Artur Szpunar:

*The 2024 Dragon took a step forward with the new Gradient Concept construction. Having the lower sail body built entirely with the virtually zero stretch Carbon WX Spacelight™ really allowed us to lock in the shape while the sails got even lighter, stronger and more responsive. overall. Reducing the number of seams and increasing the use of the superlight Technora™ Spacelight™ in the upper sail body further reduced weight and improved handling. Thorough testing of our PATH load oriented construction in Maui's North Shore ultimate in extreme strength and amazing sail weights*

*hybrid Carbon fiber/Technora WARP-surf has proven it to combine the 15-20% lighter than the competition.*



### DRAGON Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
2.7	340	15	323	128	5	22	4
3.0	340	15	336	134	5	9	4
3.4	340	15	341	141	5	4	4
3.8	340/370	15/17	348	147	9/5	1/27	4
4.2	340/370	15/17	364	155	25/5	1/11	4
4.6	370	17	383	162	13	Fixed	4
4.9	370	17	394	167	24	Fixed	4
5.2	400	19	409	171	9	Fixed	4
5.6	400	19	415	178	15	Fixed	4

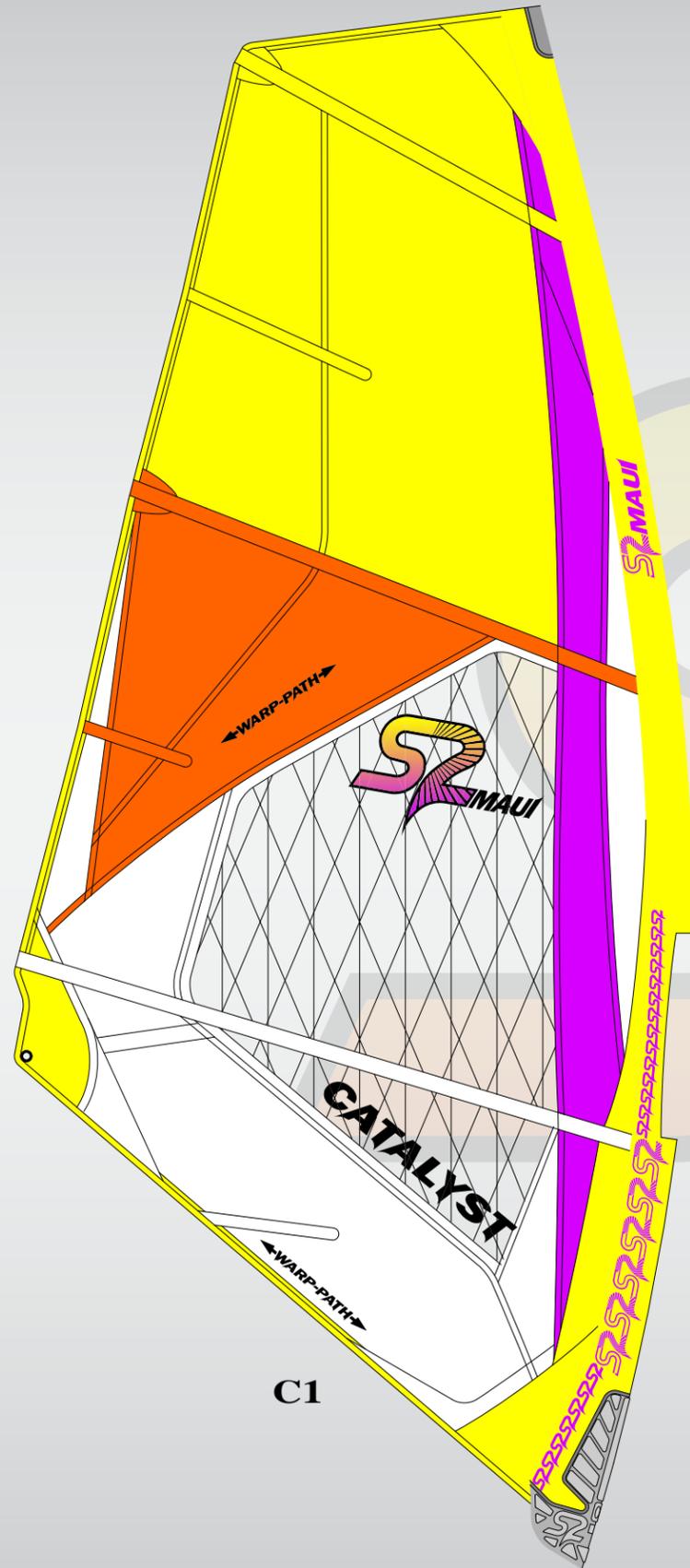








*S2MAUI'S 2024 DRAGON*



# CATALYST

## New School Radical Surf

The *S2Maui* Catalyst dishes out the explosive energy to perfectly suit Camille Juban’s aggressive style, down-the line riding. The 2024 Catalyst benefits from our **Gradient Concept WARP-PATH™** construction with incredibly strong and low stretch **Carbon WX Spacelight™** in the lower sail body transitioning to ultralight **Technora™ Spacelight™** above. All panels are carefully load oriented for excellent profile stability and wind range in gusty, offshore conditions. The lightest production 3-batten wave sail, it is designed for instant reactivity that will energize your wave ride and facilitate aggressive lines and progressive moves like takas, goiters, 360’s and new ones yet to be dreamed up. Lightning quick and agile, the Catalyst allows you get more vertical, cut deeper and explore your limits!

### Camille Juban:

*“The S2Maui Catalyst is my favorite sail for wave riding. From Cloudbreak to the Caribbean, the Catalyst makes it easier and more fun!”*

### Artur Szpunar:

*The Gradient Concept construction and material updates make the 2024 Catalyst lighter and more responsive than ever. The virtually zero stretch of the load oriented Carbon fiber in the lower sail body allowed us to lock in the shaping, creating an incredibly stable and responsive structure especially important in a 3-batten sail. Reducing seams and expanded use of the super light weight Technora™ Spacelight™ in the upper sail body give the new 2024 Catalyst incredibly light feel and quick handling.*

### CATALYST Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
3.8	340/370	15/17	358	147	19/5	1/17	3
4.2	370	17	377	155	7	Fixed	3
4.6	370	17	386	162	16	Fixed	3
5.2	400	19	412	170	12	Fixed	3

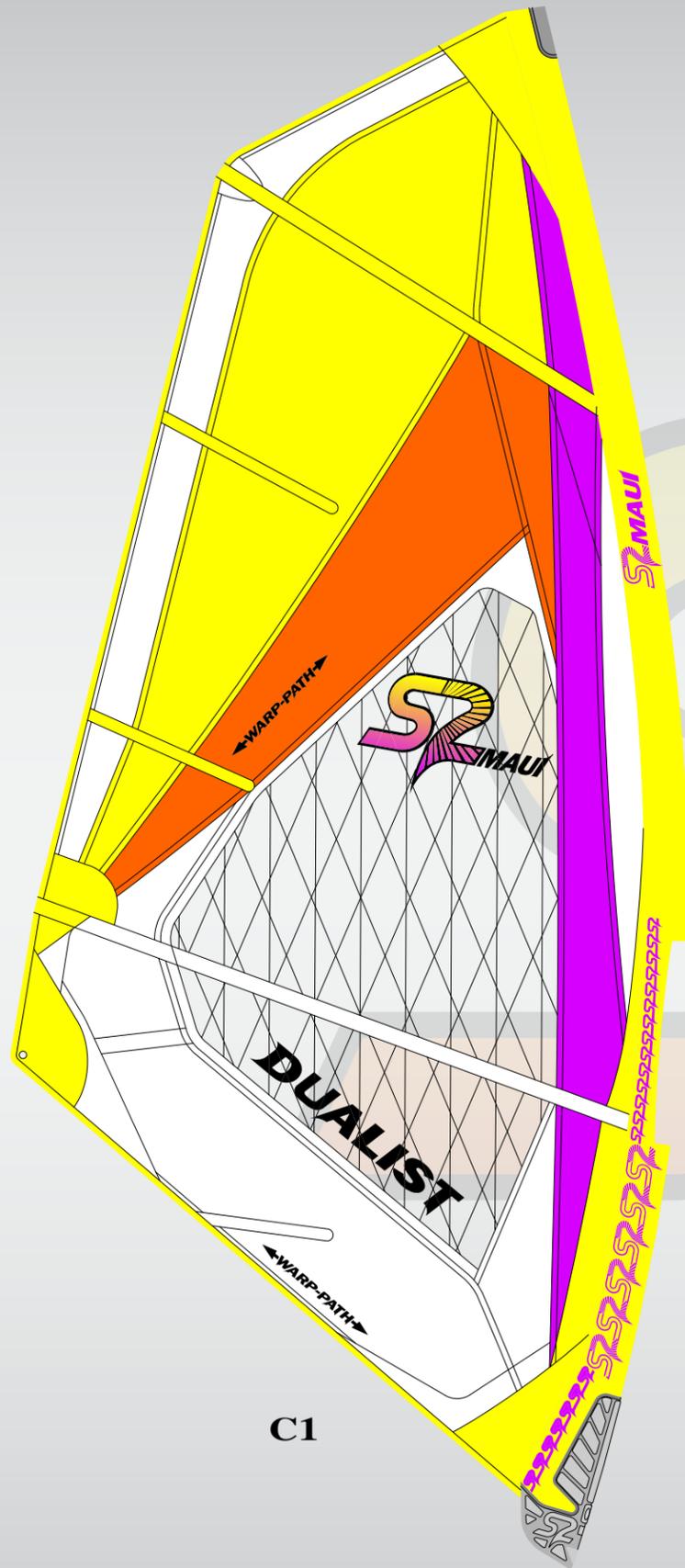








*S2MAUI'S 2024 CATALYST*



# DUALIST

## Wave Riding Purist

The revolutionary 2-batten Dualist came about due to our passion for innovative design and continuous search for the next performance breakthrough. Specialized for down-the-line, waveriding purists, the sensation of the *S2Maui* 2-batten Dualist can only be described as insanely light and agile with tons of drive. These characteristics, combined with the quick response of a tighter leech and instant power/depower of the 2-batten skeleton, certainly give you some new angles and opens your mind to possibilities that didn't exist before. It provides an advantage for fitting into "unmakeable" sections of the wave and leaves you scratching your head, thinking "did I really pull that off?" We are having lots of fun with these at Ho'okipa.

**Russ Faurot:**

*"The Dualist is basically my down the line dream sail. It's an extreme design and I had no idea what to expect when first trying it out but it blew me away. It's incredibly light, very stable, and has the perfect amount of drive. I couldn't ask for anything more."*

**Artur Szpunar:**

*For 2024 we increased the wind range of the Dualist by expanding the use of Carbon WX Spacelight™ to both the lower sail body and entire perimeter. In the absence of additional battens, this extremely strong and virtually zero-stretch technical material and load oriented WARP-PATH panel layout greatly contribute to the 2024 Dualist's increased wind range and stability. Furthermore, balance and stability in the 2-batten skeleton of the Dualist is made possible by the application of our center-of-effort balanced, FocusPoint™ profile shaping method. This must be the lightest, most maneuverable wave sail on the water – a gamechanger in terms of agility on the wave. Handles smoothly even in the gusts.*

**DUALIST Specs**

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
4.2	370	17	377	155	7	Fixed	2
4.6	370	17	389	164	19	Fixed	2
5.1	400	19	412	171	12	Fixed	2

# ALCHEMY

## All-round Wave, Stability & Control

The *S2Maui* Alchemy is an incredibly smooth, stable and versatile 5-batten wavesail with the greatest top-end wind range. New for 2024, Gradient Concept Warp-Path construction applies the highest strength, lowest stretch technical fabrics in the lower sail body and transitions to progressively lighter high-tech material as you move up the sail. The lower sail body is now built almost entirely with *S2Maui*'s exclusive, incredibly stable, extreme strength **Carbon WX Spacelight™** which transitions to ultralight, strong and responsive **Technora™ Spacelight™** throughout the upper sail body. The final result is incredible stability and an ultralight, smooth and reactive feeling without equal. Classic, neutral handling during wave riding combined with outstanding stability and power allow the Alchemy to excel in all high wind wave and bump 'n' jump conditions. Superior upwind ability gets you back to take off points faster, and its perfect balance gives confidence in the air. Covering and exceeding the abilities of traditional power, sideshore and bump 'n' jump sails, the Alchemy provides the magic combination of exceptional control, stability, power and effortless handling, no matter what the conditions.

### Russ Faurot:

*The Alchemy is the sail I choose when I want to blast around and jump high. I can ride it really powered up and keep control in the gusts! It is the most stable wave sail, planes early, and just goes faster when the wind really hits!*

### Artur Szpunar:

*The 2024 Alchemy benefits from the exciting new Gradient Concept construction. Having the lower sail body built entirely with the virtually zero stretch Carbon WX Spacelight™ really allowed us to lock in the shape while the sails got even lighter, stronger and more responsive overall. Reducing the number of seams and increasing the use of the superlight Technora™ Spacelight™ in the upper sail body further reduced weight and improved handling. WARP-PATH load oriented panels give the profile shaping full integrity and effectively distribute tension.*

### ALCHEMY Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
3.3	340/370	15/17	355	138	16/5	1/20	5
3.7	370	17	369	142	5	6	5
4.2	370	17	385	154	15	Fixed	5
4.7	400	19	405	161	5	Fixed	5
5.0	400	19	409	166	9	Fixed	5
5.3	400	19	419	172	19	Fixed	5
5.7	430	21	436	178	6	Fixed	5
6.2	430	21	448	189	18	Fixed	5



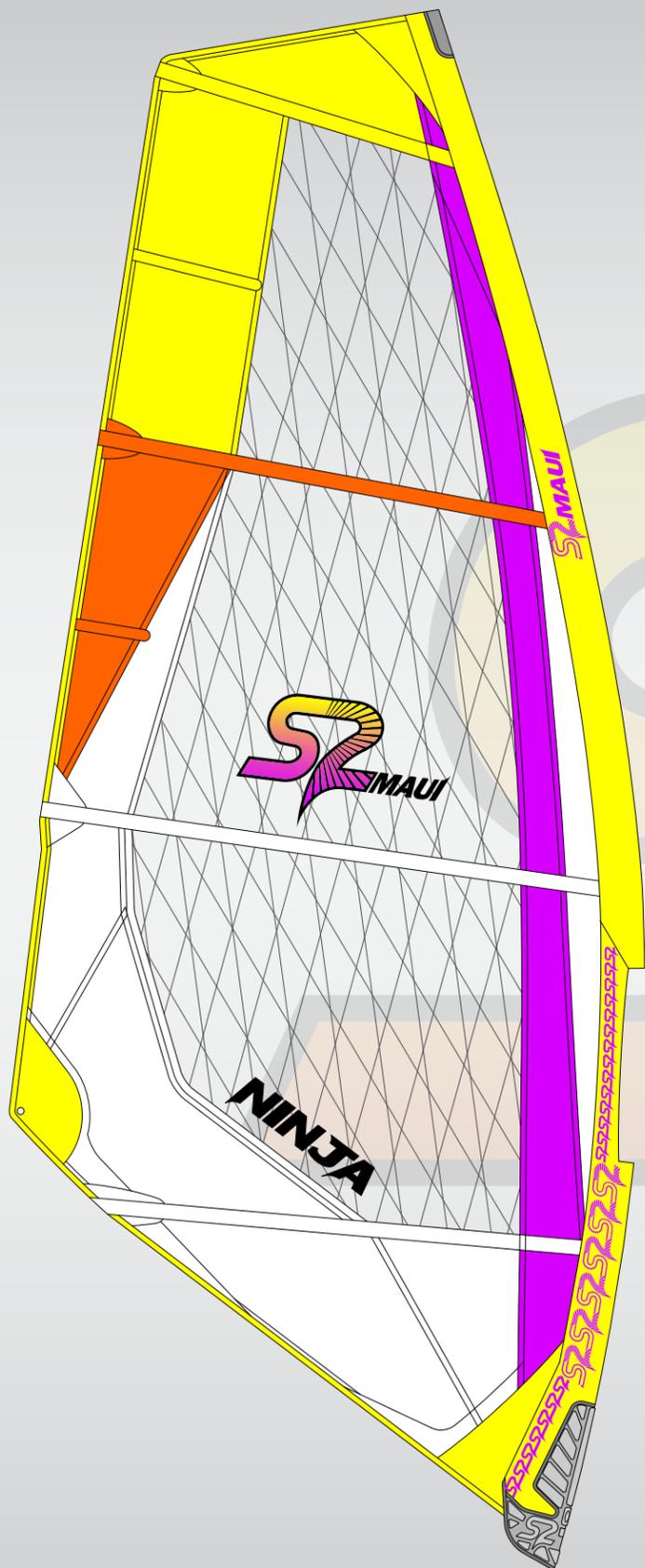








*S2MAUI'S 2024 ALCHEMY*



# NINJA

## Freestyle/Foil

A new panel layout for 2024 combined with refined shaping gives the latest *S2Maui* Ninja and more direct, crisp and responsive feel with increased stability. Recognizing the high impact nature of freestyle and foil, the NINJA has been engineered with a robust yet super-lightweight full-x-ply construction. Large panels of *S2Maui*'s optical, wide spaced x-ply maintain the crisp feel of monofilm, but with the durability of X-ply. *Carbon WX Spacelight™* has been oriented in the foot and clew areas to lock in profile and increase strength. *Technora™ Spacelight™* throughout the leech and head areas ensures excellent strength and incredible light weight. This new, high strength construction gives the NINJA versatility as dedicated Freestylers and Foil stylers can also occasionally take their quiver into waves with confidence. The NINJA earns its pedigree from our experience designing sails for some of the world's top freestylers. Moderately high aspect ratio with balanced leech tension provide instant reaction, rapid rotation and powerful acceleration to energize progressive freestyle maneuvers both on fin and foil. The higher aspect and tighter leech also contribute to steady foil flight and are perfectly suited to maneuver oriented wind-foiling.

### **Bryan Metcalf-Perez:**

*“Whether it’s 30 feet up and up side down in the Gorge, double pop freestyle fun in the flats, foiling in the smooth breeze of French Polynesia, or even some waves, I can always count on my S2Maui Ninja to get me exactly where I need to be.”*

### **Artur Szpunar:**

*An all new panel layout for the 2024 Ninja achieves that more direct, responsive feeling which is so desirable in freestyle. Improved load distribution from the clew and tack improves stability and efficiency.*

### **NINJA Specs**

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
3.6	340/370	15/17	364	140	25/5	1/11	4
4.0	370	17	377	148	7	Fixed	4
4.4	370	17	391	155	21	Fixed	4
4.8	400	19	410	160	10	Fixed	4
5.2	400	19	423	167	23	Fixed	4
5.6	430	21	438	174	8	Fixed	4
6.2	430	21	459	189	29	Fixed	5



# BANSHEE

## Performance RAF FreeRide/FreeRace/FreeFoil

S2Maui's high performance, ultralight RAF (camless) Freeride/Freerace/FreeFoil sail, the 2024 Banshee provides amazing speed, power and lightweight handling that puts many cambered sails to shame. Superlight weight and progressive leech twist give energetic early planing and instant acceleration. The center of effort is perfectly balanced low and close to the rider for maximum control and Race-derived **Focus-Point™** shaping locks a clean and stable profile. The Banshee's powerful shaping and stability makes it versatile and well-suited to performance minded sailors who like to enjoy both Freeride and Wind-foil with the same sail. The Banshee's exceptional power to size ratio and incredible light weight allow for perfectly balanced foil flight even in the lightest of winds. The Banshee offers exceptional speed, performance and versatility from Freeride to Foil, all with the ease of a camless sail

### Micah Buzianis:

*"The perfect one sail does it all is how I would describe the Banshee!! It has great range for going fast in a straight line or around a course. It also has great stability for foiling fun or fun racing!! And with its light weight and maneuverability it could even serve as a light wind bump 'n' jump sail."*

### Artur Szpunar:

*The 2024 Banshee has experienced significant evolution, notably the incorporation of our new "Light-Ply" light weight 2-ply colored film panels in the upper sail body. Overall weight is reduced and sails have more responsive acceleration, improved stability and wind range.*

### BANSHEE Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
5.8	430	21	436	177	6	Fixed	6
6.4	430	21	443	188	13	Fixed	6
7.0	460	25	464	198	4	Fixed	6
7.6	460	25	478	209	18	Fixed	6
8.2	460	25	487	219	27	Fixed	6



SR MAUI

WARP-PATH

BANSHEE

INVICTUS



INWAVE



BANSHEE





*S2MAUI'S 2024 BANSHEE*



*S2MAUI'S 2024 BANSHEE*



# HORNET

## Dedicated Performance RAF WindFoil

The *S2Maui* HORNET has been creating quite a buzz with performance-minded windfoil riders who prefer a lighter sail without cams. The latest 2024 HORNET combines elements of both our Eagle-FR Foil Race as well as the RAF Banshee for the ultimate windfoil experience. A high aspect outline, lower foot and panel layout evolved from our Eagle-FR Foil Race sail is combined with a 6-batten RAF skeleton and a tighter, foil specific leech twist profile. New for 2024 “Light-Ply” 2-ply colored film panels in the upper sail body reduce overall weight and provide more responsive acceleration, improved stability and wind range. Ultralight and strong *Technora™ Spacelight™* is used in the leech for smooth, quick response and solid durability. Powerful shaping and high efficiency leech tension accelerates quickly, lifting you up on the foil, while perfect balance and more forward draft position give outstanding stability and glide during flight. The Hornet is the perfect wind foil engine for the majority of riders, providing a high performance outline with the simplicity and light weight of a no-cam.

### Micah Buzianis:

*“The new Hornet is bred from all our work on the Eagle-FR packaged into a lighter, more user friendly sail. It has quickly become the perfect all around foil freeride sail, light weight, easy to rig, stable and great all around range. Rotation is smooth and easy, making foiling gybes a breeze!!”*

### Artur Szpunar:

*The 2024 Hornet has experienced significant evolution, notably the incorporation of the “Gradient Concept” with a progression to our new lighter weight “Light-Ply” 2-ply colored film panels as you move up the sail body. This concept keeps durability high while reducing weight where it is most effective.*

### HORNET Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
5.2	430	21	436	171	6	Fixed	6
5.7	430	21	443	178	13	Fixed	6
6.3	460	25	464	188	4	Fixed	6
6.9	460	25	478	198	18	Fixed	6
7.5	460	25	490	206	30	Fixed	6





*S2MAUI'S 2024 HORNET*

# S2MAUI MAST RANGE

S2 Maui's mast range has been built to follow the no-compromise performance philosophy of everything that we do. We have kept the range simple with each mast product incorporating the optimum combination of light weight and strength for its purpose. Kevlar reinforcement in the bottom section of all masts distributes load and provides impact protection, ensuring excellent durability. Our masts are built with a versatile constant curve bend that when combined with 100% carbon prepreg construction gives an incredibly responsive and dynamic feel to the entire rig. In addition to suiting S2 Maui rigs perfectly, our masts are also compatible with many other constant curve brands. Our bend percentages range between 63-65 bottom to 74-76 top depending on model and size.

## NORTH SHORE

S2Maui's high performance and high strength, 100% prepreg carbon RDM wave mast is the optimum spar to complement the ultra-light feel of our wave sails. High strength Kevlar reinforced bottom gives you the best of both worlds, a high performance wave mast that is built to handle the abuse of a North Shore winter.

**NORTHSHORE Specs:** SIZE / IMCS 340/15 370/17 400/19 430/21 460/25



## PE'AHU

S2Maui's all new PE'AHU 90 mast is built with the #1 goal of extreme strength for riders who are notoriously hard on gear, with high wall thickness and a top integrated ferrule. Testing involved extensive abuse at Pe'ahi (Jaws), Big Ho'okipa and Cloudbreak during the Fall, Winter and Spring of '18/19 and showed outstanding resistance to breakage.

**PE'AHU Specs:** SIZE / IMCS 340/15 370/17 400/19



## VENOM 100

Designed for a perfect synthesis with S2Maui's VENOM race sails, the VENOM 100% carbon race spar is light weight and ultra responsive. Kevlar bottom reinforcement protects from point loading associated with boom clamp and cambers. The constant curve character allows for a very progressive leech twist pattern and an ultra efficient rig that dynamically breathes and accelerates with every gust.

**VENOM 100 Specs:** SIZE / IMCS 400/19 430/21 460/25 490/29 520/33 550/36



## FREESPEED 75

75% Carbon SDM is perfect for Freeride performance. Light, responsive and durable. Makes the S2Maui BANSHEE come to life.

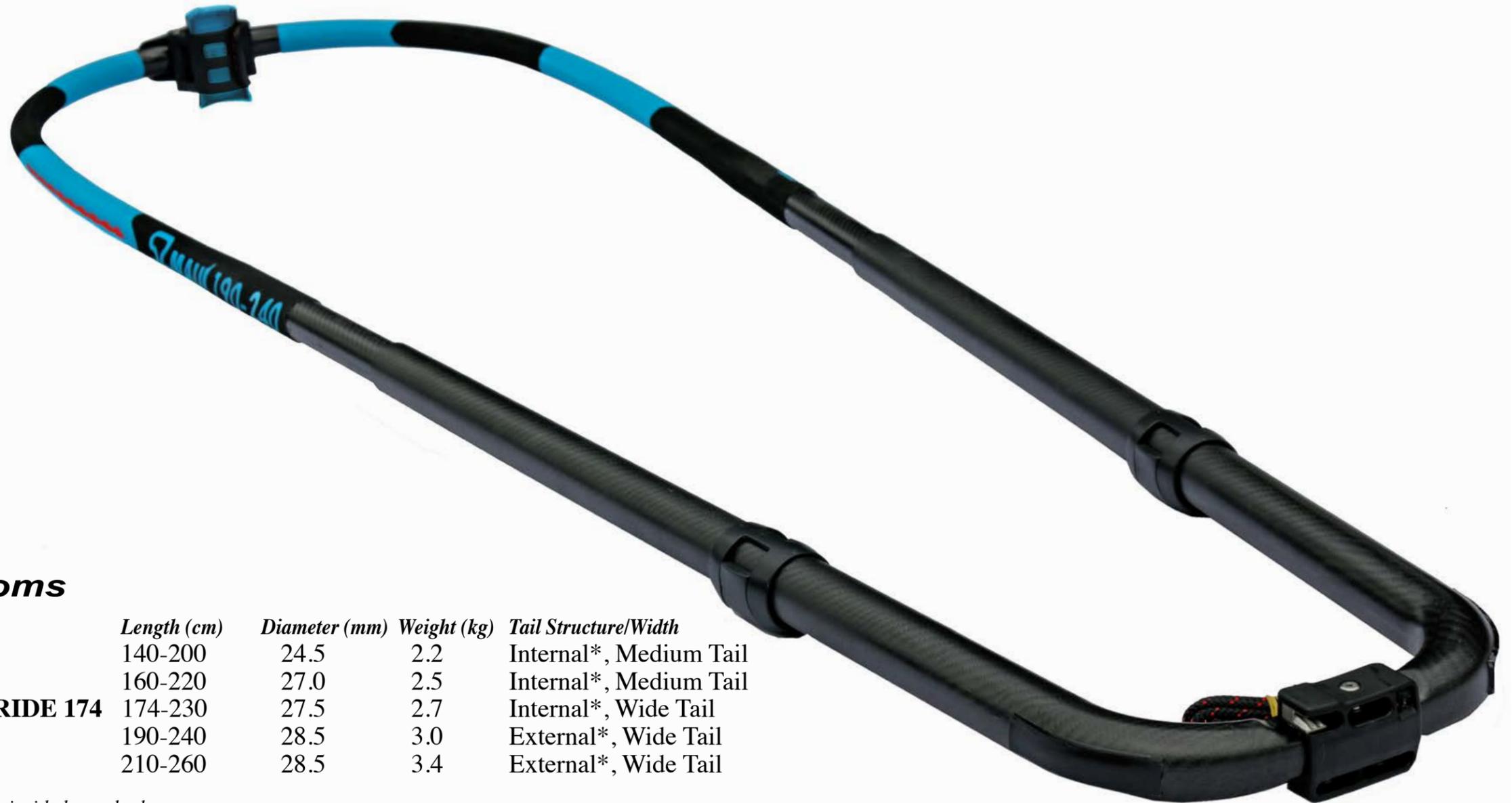
**FREESPEED 75 Specs:** SIZE / IMCS 430/21 460/25





# S2MAUI BOOM RANGE

To complement *S2Maui's* premium sails and masts we are pleased to offer a performance line of carbon monocoque booms. *S2Maui* booms are built with high stiffness and high strength pre preg carbon layups. For *S2Maui's* Race booms, we have boosted the reinforcement even further for extra stiffness. To ensure the most solid connection to the mast, all *S2Maui* slalom and race boom front ends include *S2 Maui's* new, original *Contour Grip*™ oversized rubber pad inside the clamp which conforms perfectly to modern race mast diameters. *S2Maui's* *Contour Grip*™ front end pad provides a much closer connection and eliminates play, ensuring maximum stiffness.



## S2Maui Carbon Booms

Model	Length (cm)	Diameter (mm)	Weight (kg)	Tail Structure/Width
Carbon WAVE SLIM 140	140-200	24.5	2.2	Internal*, Medium Tail
Carbon FREERIDE 160	160-220	27.0	2.5	Internal*, Medium Tail
Carbon SLALOM/RACE/FREERIDE 174	174-230	27.5	2.7	Internal*, Wide Tail
Carbon SLALOM/RACE 190	190-240	28.5	3.0	External*, Wide Tail
Carbon SLALOM/RACE 210	210-260	28.5	3.4	External*, Wide Tail

\* Internal tail is "normal," with tail body inside boom body.

\*\* External tail is special stiffer, wider construction for race boom with tail body outside of boom body.

# Ultimate Stiffness 190+ Slalom/Race Booms

## **S2Maui Carbon SLALOM/RACE 190**

*S2Maui's* unique *Contour Grip*™ oversize front end pad provides a rock solid connection. Maximum stiffness carbon lay-up, 190-240cm length, 28.5mm diameter grip and oversize, external wide tail for high powered racing on medium and larger size **VENOM** and **V-FR** race sails

## **S2Maui Carbon SLALOM/RACE 210**

The *Contour Grip*™ oversize front end pad ensures a rock solid connection. Maximum stiffness carbon lay-up, 210-260 length, 28.5mm diameter grip and oversize, external extra-wide tail for high powered racing on large size **VENOM** and **V-FR** race sails.



# Ultimate Stiffness Slalom/Race/Freeride Booms

## **S2Maui Carbon SLALOM/RACE FREERIDE 174**

*S2Maui's* unique *Contour Grip*™ oversize front end pad provides a rock solid connection. Stiff and comfortable 27.5 mm grip section with 174-230 cm length and wide tail fits perfectly with small and mid-sized **VENOM** race and **WICKED** freerace sails.



# ***Super-skinny Wave and Performance Freeride***

## ***S2Maui Carbon WAVE SLIM 140***

Super Skinny with maximum stiffness. The small 24.5 mm diameter feels amazing for this, but most importantly, the boom is stiff and strong. Medium width tail piece gives nice clearance to keep the belly of the sail from hitting the boom. The generous 140-200 length comfortably handles a large range of sails. Integrated RDM and SDM compatability.

## ***S2Maui Carbon FREERIDE 160***

Versatile 160-220 cm size with excellent stiffness. With its moderate and even stiffer 27mm grip, it works perfectly with the **BANSHEE** range of Freeride sails, larger wavesails and small to medium size **WICKED**'s. Integrated RDM and SDM compatability.





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