

2019 Wave/Freeride/Freestyle Ranges



MAUI®

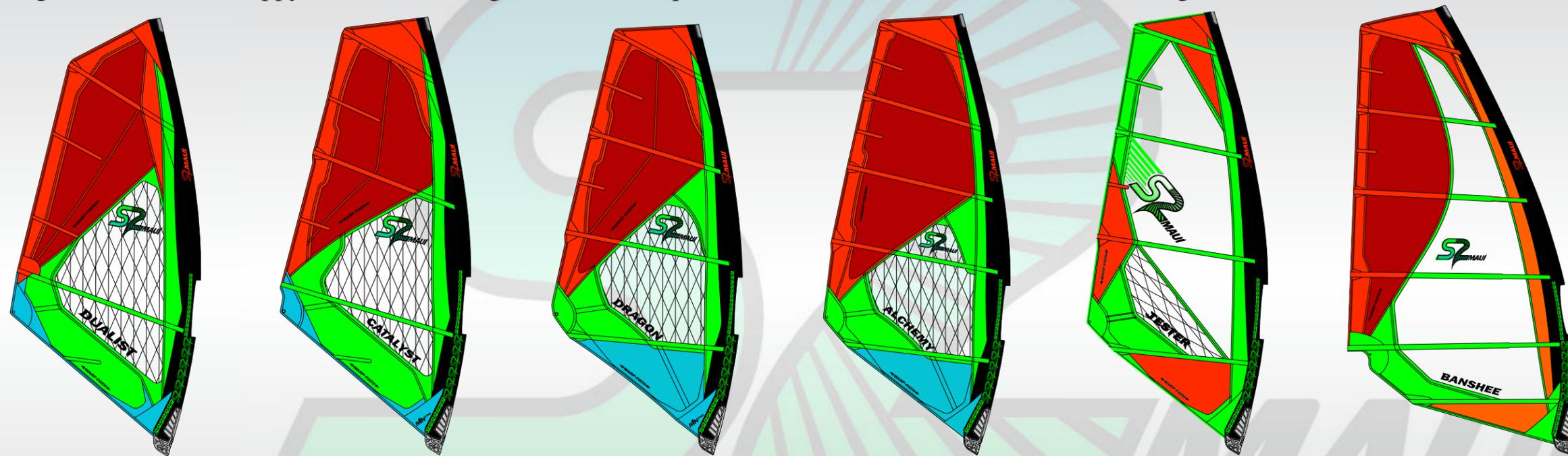
*Legendary Design
Magic Performance*

CLICK ON THIS ARROW TO BEGIN!

2019 Wave/Freeride/Freestyle Sail Range Overview

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 *Technora™ SpaceLight™* laminate sail cloths weigh half as much, have 3x stronger *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.



We are excited that *S2Maui* has been steadily growing each year thanks to the support of our distribution partners and the great response from customers, riders, friends and media to *S2Maui's* excellent sail performance. To ensure that *S2Maui* stays on the cutting edge with both testing and competition we have assembled an international team of some of windsurfing's most recognized champions like Micah Buzianis, Delphine Cousin Questel, Antoine Questel and new for 2018, 3x Aloha classic Champion Morgan Noireaux!

Highlights for 2019 development include new super strong and incredibly bright “*Lava Red*” *SpaceLight™ Technora™* used in leech and head panels. The full *Technora™ SpaceLight™* sail body now has added extra wide unidirectional Kevlar load strips in the foot as well as clew which work in combination with the load oriented *Technora™ SpaceLight™* panels to increase stability and give maximum strength and stretch resistance. Shaping and luff curves have been refined on a size-by-size basis to expand wind range and promote a smooth twist profile for perfect balance in gusty conditions.

2019 performance wave sail models have been tested together with Morgan Noireaux. The 4-batten DRAGON which he uses for PWA and IWT wave competition and the radical 3-batten CATALYST Ho'okipa slayer are symbolized as pro models. Morgan was also blown away by the pure wave riding performance of the revolutionary *S2Maui* 2-batten DUALIST! The 2019 5-batten ALCHEMY has incredible stability and control while the BANSHEE 6-batten performance freeride has been infused with additional VENOM Race DNA. The 2019 JESTER showcases *S2Maui's* expertise in cutting edge freestyle sails.

– Aloha, Artur Szpunar



Unretouched photo taken April 24, 2015 during testing of S2Maui's exclusive SpaceLight™ laminate's UV resistance properties at the edge of space. Special thanks to Dr. Tony Phillips at Earth to Sky Calculus.

TECHNOLOGY

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™** to be used exclusively with our original, load oriented **WARP-PATH™** sail construction.

SPACE LIGHT

SpaceLight™ is S2Maui's exclusive durable super-light and stable laminate sail cloth featuring warp oriented **Technora™** 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.
- **STRONGER MATERIAL:** **Technora™** fibers used in warp and bias directions have three times the tensile strength of standard polyester fibers.
- **LESS STRETCH:** specifically oriented warp fibers have three times less stretch. This is necessary for specific load orientated panel configurations.
- **MORE DURABLE:** The scrim base 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 (red) pigments on both sides of the laminate have outstanding UV resistance.

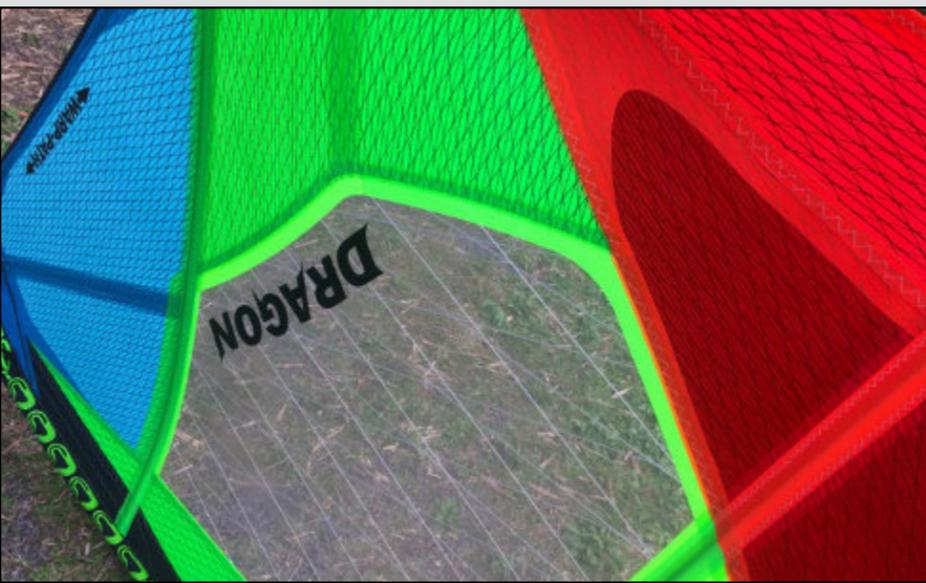
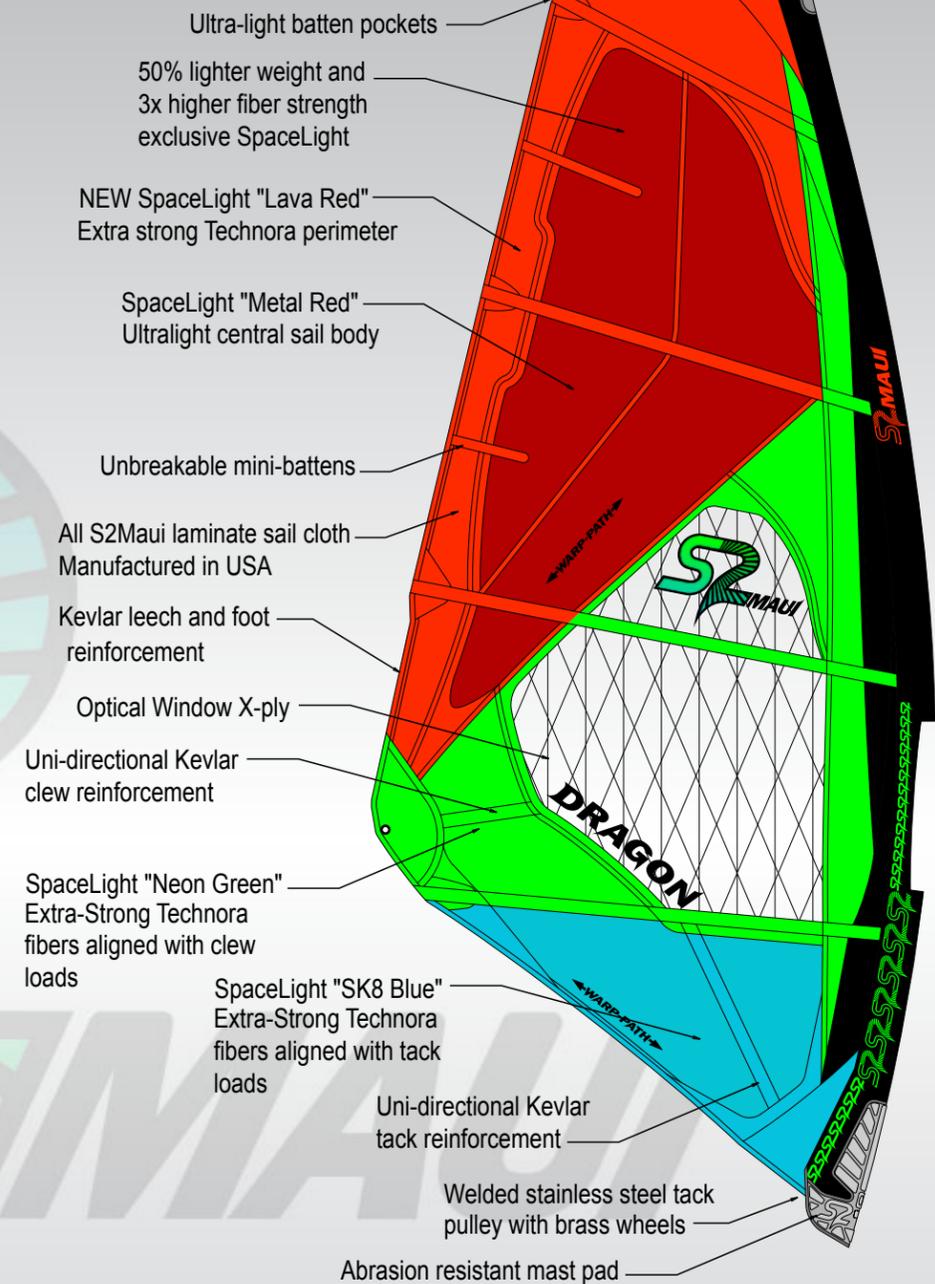
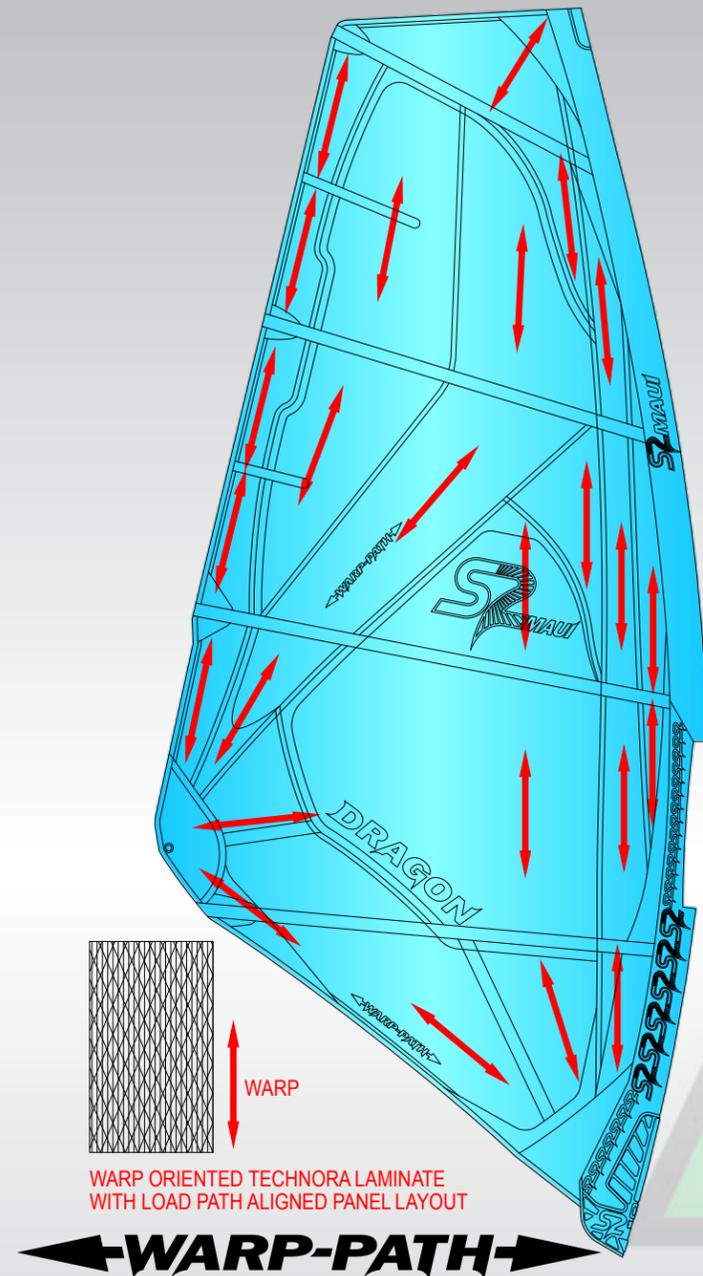
Designer Artur Szpunar testing SpaceLight™'s properties back on earth.



WARP-PATH

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

- **LIGHTER SAILS:** The strength of load oriented **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 **Technora™** distribute tension in high stress areas and create an incredibly strong sail body and perimeter. Double pass lamination ensures long term durability.
- **STABILITY:** Low stretch **Technora™** fibers resolve downhaul, perimeter, and twist loads throughout the sail body, locking in shape, and limiting distortion wrinkles.
- **MORE RESPONSIVE:** The light weight and low stretch allow for an extremely quick reacting and responsive sail dynamic. Diagonally oriented **Technora™** enables instant twist reflex response.
- **HANDLING:** Properly resolved internal tension in the sail skin creates a magical feel that is light in the hands, and produces smooth consistent power.
- **BALANCED TENSION:** The **WARP-PATH™** panel layout fiber orientation distributes forces throughout the sail body, creating a balanced skin tension and a smooth, efficient shape under load. The rig feels perfectly balanced and connected throughout a wide wind range.
- **SHAPING FLEXIBILITY:** **WARP-PATH™** offers benefits of fiber orientation combined with the profile control advantages of vertical/horizontal sail shaping techniques.





DRAGON

MN^{PRO}
Morgan Noireaux Pro Model

Competition Performance, Power & Agility

The Dragon is the ultimate high performance, progressive wavesail built entirely in premium *TechnoraTM SpacelightTM* for an ultralight and smooth 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 it's 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.

Morgan Noireaux:

"The Dragon is the perfect all around wave sail. Doesn't matter what the conditions, you know you'll rig it up and it'll work amazing. It's what I'll be using on tour everywhere from nuking, on-shore Pozo, to light side-off-shore Peru."

Artur Szpunar:

The 2019 Dragon has fine-tuned luff curve/shaping and twist profile for perfect release during top turns and balanced smooth response in gusty conditions. Extra wide unidirectional Kevlar load strips have been added to the foot as well as clew and work together with the load oriented WARP-PATHTM panel layout to lock in shaping and achieve excellent balance and stability. Full TechnoraTM SpacelightTM construction results in extreme strength and sail weights 15-20% lighter than the competition!

DRAGON Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
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



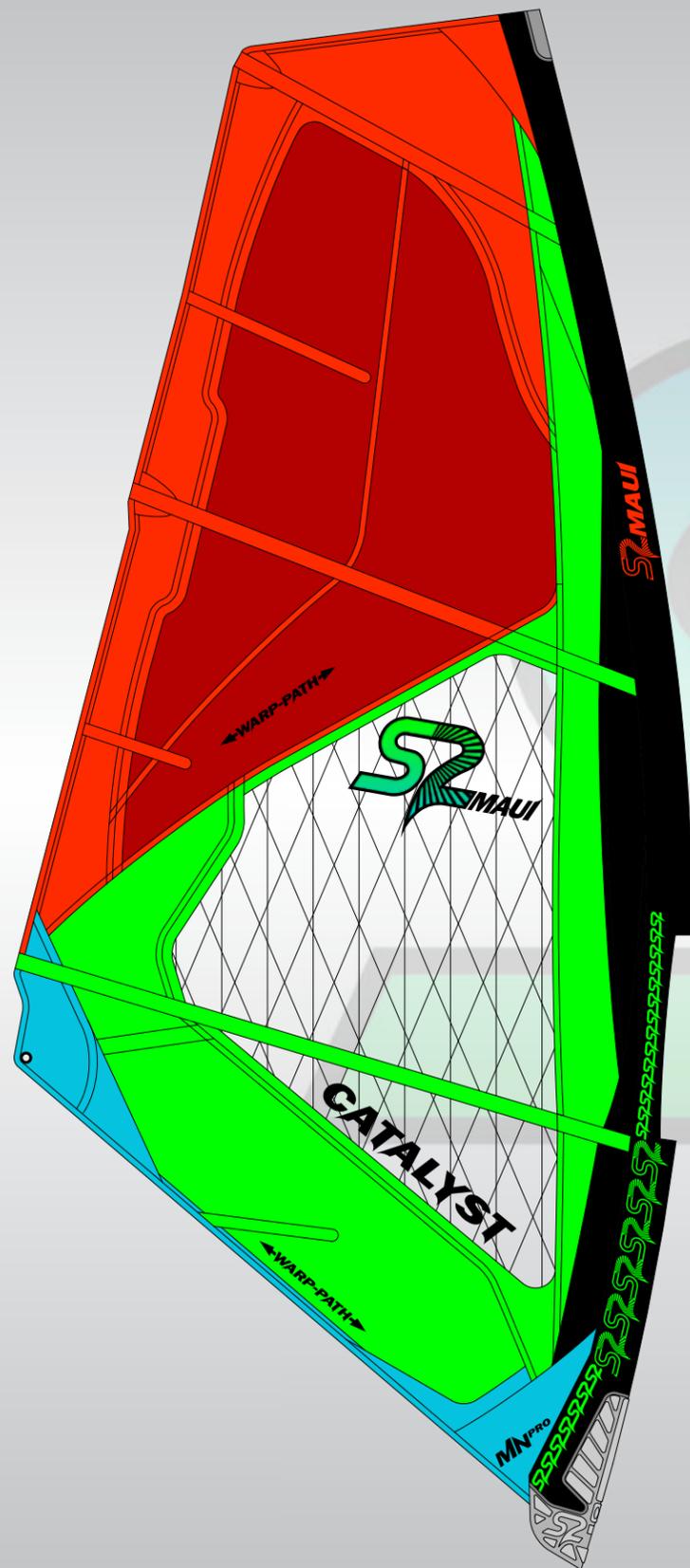
Photo by Erik Aeder



Photo by Erik Aeder



Photo by Erik Aeder



CATALYST

MN^{PRO}
Morgan Noireaux Pro Model

New School Radical Surf

We worked closely with Morgan Noireaux on the **2019 Catalyst** at Ho'okipa to ensure that it performs at the highest level in sideshore conditions and radical maneuvers. The Catalyst is 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 and cut deeper. **S2Maui's** exclusive FocusPoint™ shaping together with the load oriented WARP-PATH™ panel layout ensures the stable profile and good wind range necessary to handle gusty offshore conditions.

Morgan Noireaux:

"I've been spending a lot of time on the Catalyst and it really excels at wave riding. It's super maneuverable making tight turns and moves like goiters and takas a lot easier."

Artur Szpunar:

Notable developments for the 2019 Catalyst have been increased twist in the upper sail body allowing for extreme vertical turns. Draft position has been moved forward for an even lighter feel and excellent stability in strong, gusty wave conditions. The load carrying ability of the low stretch oriented Technora™ fibers in the WARP-PATH™ panel layout makes a huge difference in a 3-batten sail and the Catalyst holds it's shape where the competition folds in half.

CATALYST Specs

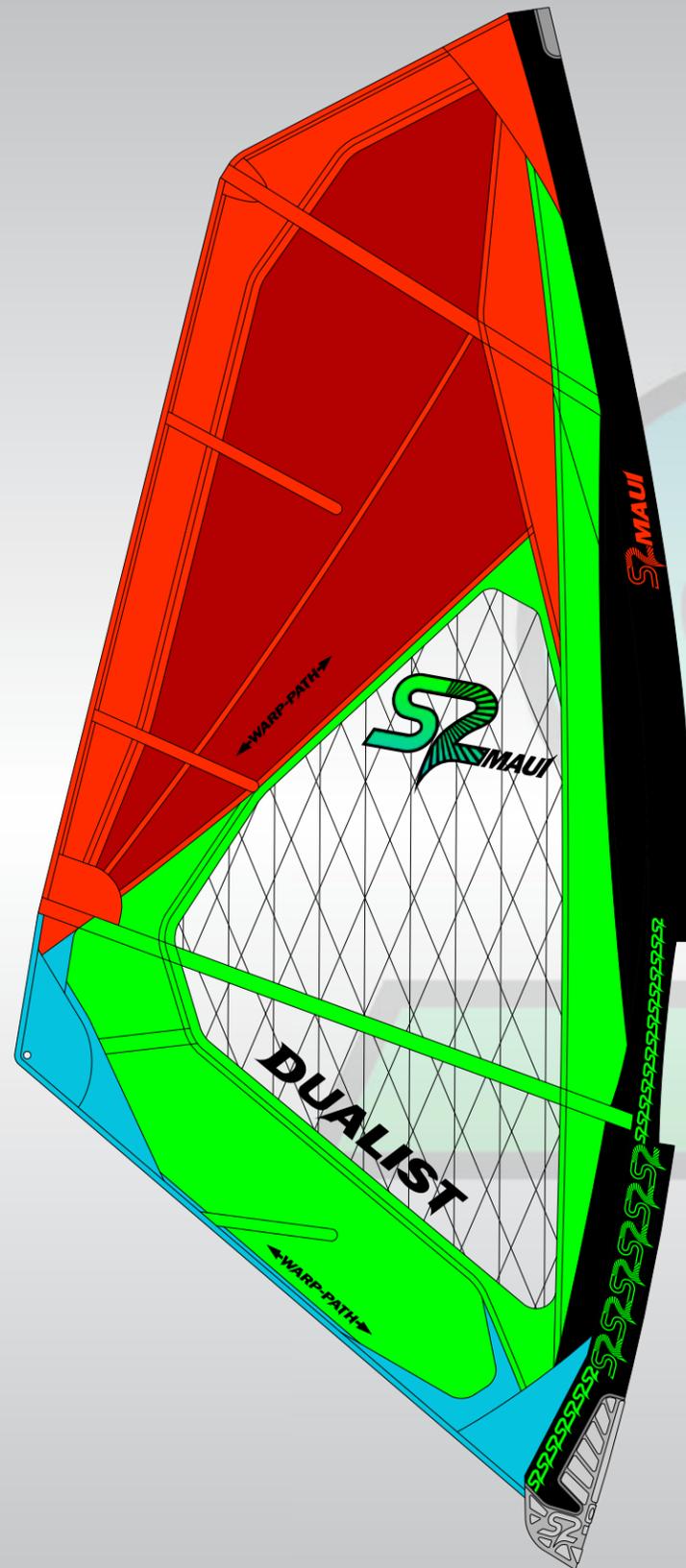
Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
3.8	340/370	15/17	358	147	19/5	1/17	3
4.2	370	17	377	155	7	Fixed	3
4.6	370	17	386	162	16	Fixed	3
5.2	400	19	412	170	12	Fixed	3



Photo by Erik Aeder



Photo by Erik Aeder



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.

Morgan Noireux:

"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 perfect amount of drive. I couldn't ask for anything more."

Artur Szpunar:

Achieving balance and stability in the 2-batten skeleton of the Dualist was made possible by the application of our center-of-effort balanced, FocusPoint™ profile shaping method together with the load-stabilizing WARP-PATH™ panel layout in the design. This must be the lightest wave sail on the water – a game changer in terms of agility on the wave. Handles smoothly even in the gusts.

DUALIST Specs

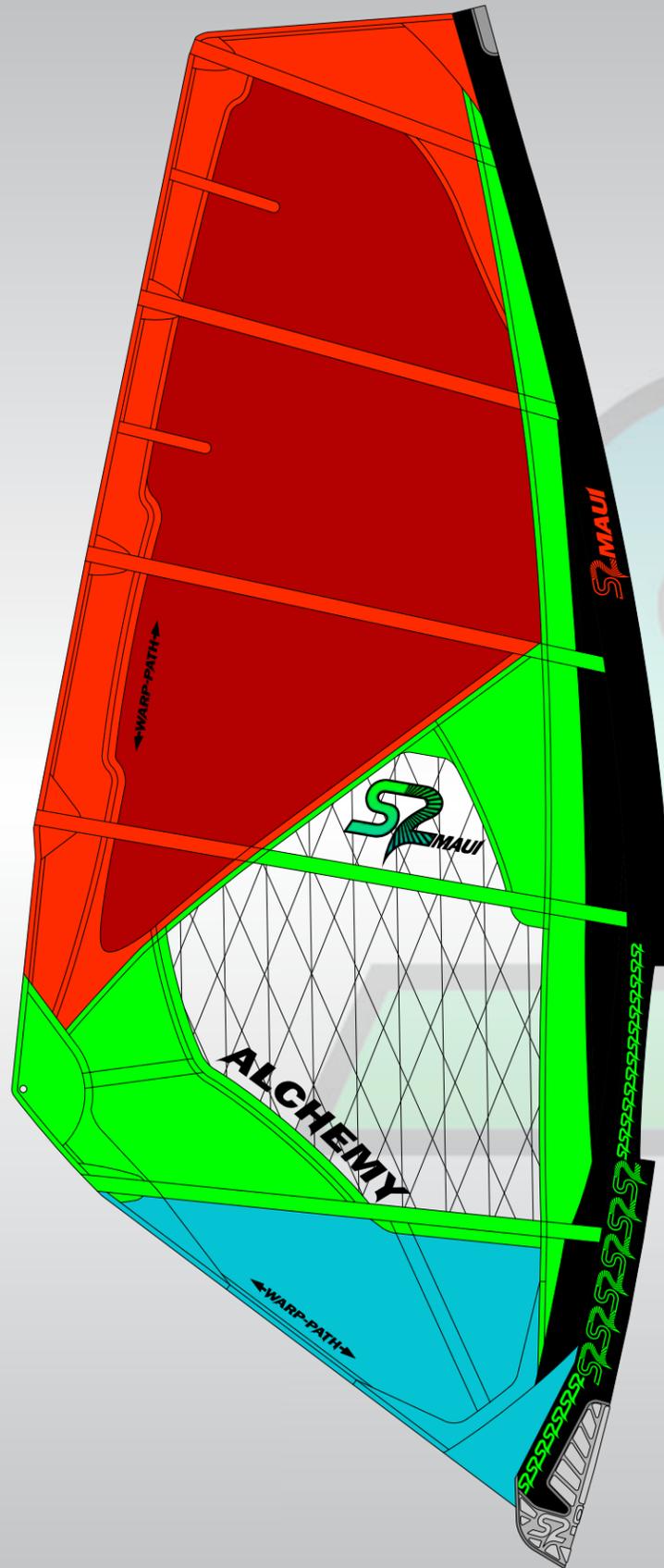
Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
4.2	370	17	377	155	7	Fixed	2
4.6	370	17	389	164	19	Fixed	2
5.1	400	19	412	171	12	Fixed	2



Photo by Jimmie Hepp



Photo by Erik Aeder



ALCHEMY

All-round Wave, Stability & Control

The **2019 S2Maui** Alchemy is an incredibly smooth, stable and versatile 5-batten wavesail with the greatest top-end wind range. Classic, neutral handling during wave riding combined with outstanding stability and power allow the Alchemy to excel in all high wind wave and bump and 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 and jump sails, the Alchemy provides the magic combination of exceptional control, stability, power and effortless handling, no matter what the conditions.

Casey Hauser:

“I love the Alchemy for when it’s windy and I want to blast around, jump, or catch as many waves as I can. The top end feels limitless, and though it has a more locked in feeling, it’s still light in the hands and easy to maneuver.”

Artur Szpunar:

The 2019 Alchemy has been upgraded with a diagonal load carrying panel above the boom which further improves stability while under twist loads. Extra wide unidirectional Kevlar load strips have been added to the foot as well as clew and work together with the load oriented WARP-PATH™ panel layout to lock in shaping and achieve excellent balance and stability.

ALCHEMY Specs

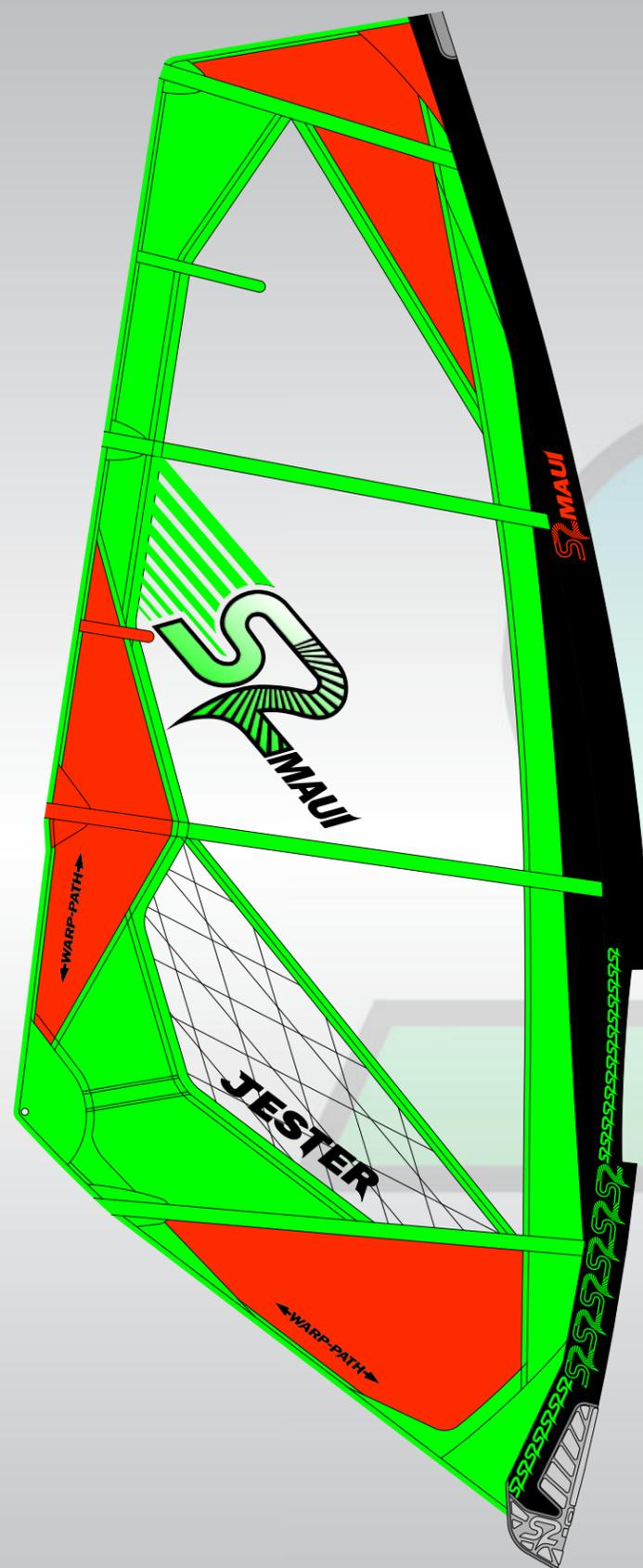
Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
3.3	340/370	15/17	355	138	16/5	1/20	5
3.7	370	17	369	142	5	6	5
4.2	370	17	385	154	15	Fixed	5
4.7	400	19	405	161	5	Fixed	5
5.0	400	19	409	166	9	Fixed	5
5.3	400	19	419	172	19	Fixed	5
5.7	430	21	436	178	6	Fixed	5
6.2	430	21	448	189	18	Fixed	5



Photo by Erik Aeder



Photo by Jimmie Hepp



JESTER

Ultimate Freestyle

S2Maui's 100% dedicated freestyle sail, the **2019** Jester is built upon the experience that comes from designing the most sought after competition sails for some of the world's top freestylers, resulting in the most progressive one yet. Built in a no-compromise, ultra-light construction of *SpaceLight™* perimeter and light, crisp monofilm mid-body, with a Dacron luff panel, the Jester leaves no room for excuses. Optimized for the most progressive style, the Jester is designed to bring your trick arsenal to new levels. In **2019**, S2Maui is happy to expand its freestyle team to include the very talented Aron Etmon CUR-2 (PWA 2015 Freestyle Youth Champion) together with top US rider, Bryan Metcalf-Perez.

Aron Etman:

“Really powerful, light sail with lots of lift even in lighter winds. Although the sail is easy and fast during rotation, it stays in control.”

Artur Szpunar:

For 2019 we increased the size of the SpaceLight™ Perimeter on the Jester for added durability and light weight while maintaining monofilm where needed, to give that characteristic crisp, reactive feel desired by dedicated freestylers. A moderate aspect ratio with a nicely tensioned leech provides instant response, exceptionally quick handling and max pop factor!

JESTER Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
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



Photo by Cliff Hauser



BANSHEE

Performance RAF FreeRide/FreeRace

The **2019** Banshee draws additional performance inspiration directly from S2Maui's Venom race sail development program. As a high performance, ultralight RAF (camless) Freeride/Freerace sail the Banshee provides speed, power and light weight handling that puts many cambered race sails to shame. Larger sizes focus on freerace and transition to a freeride outline in smaller sizes, each with incredible speed potential. Superlight weight and progressive leech profile give incredible early planning and instant acceleration. The center of effort is perfectly balanced low and close to the rider for maximum control. **FocusPoint™** shaping derived from race development locks in a clean profile for maximum stability. For those who want maximum, no compromise speed and performance but don't want cams.

Casey Hauser:

"The no-hassle, light weight slalom rig, the Banshee's ease of use is second to none for back and forth blasting. I am always surprised with how easy it is to go fast and rip through planing jibes, and am always stoked when I get back to the beach."

Artur Szpunar:

The 2019 Banshee has a new panel layout modeled around concepts used in our Venom race sail. Spacelight is used in the twist zone, while film is used for crisp, stable feel in the area of maximum profile. Top end wind range is increased due to improved leech release and FocusPoint™ shaping locked in with race quality tube battens.

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



BANSHEE

MAUI BUILT

Photo by Cliff Hauser

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.

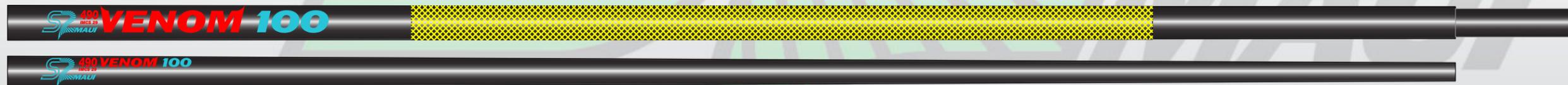
NORTHSHORE Specs: SIZE / IMCS 340/15 370/17 400/19 430/21



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



FREESPEED 75

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

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



Be a part of it!



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