





Barry Spanier:

Years of working with Art Szpunar and Rick Whidden have proven to be creative and inspirational. Ten years of cooperation and collaboration with Art have proven to me that he is worthy and capable of taking all of my design philosophy and much more into the future. His talent and determination stand above the rest in my mind, and I am happy to see him exceed all my own abilities. S2 is growing based on deep strengths bound in the fertile soil of amazing hard work and relentless drive to thrive in this challenging environment. This simply means *S2Maui* is for real and has the awesome things every sailor should seek and appreciate.

S2's SpaceLightTM fabrics are the most significant development in materials. Hard use and observation has proven it is possible to reduce weight and increase performance, while retaining durability and keeping costs competitive. Weight reduction is the most obvious immediate return, as much as 20% against all other available laminate types (matching super expensive load path string models), but the built-in stability and delivery of power ramps up the fun quotient. The dimension of liveliness and weight savings that must be experienced to understand.

S2Maui is family to me. There is depth to the core, a collection of talents meant to be together, which I see bringing a continuing string of good ideas and wicked good performance into the future of the sport. Champions Micah Buzianis, Josh Angulo, Delphine Cousin Questel, and Antoine Questel and talent like Casey Hauser, Jake Miller, Russ Faurot, and Bryan Metcalf-Perez add the spice and details that attract and inspire the people who will truly make S2 great, those that are the satisfied users. Foiling and other advances will challenge design, and the human drive to win at competition will fuel the wonderful search for better solutions. I feel privileged to be considered relevant in our consultation and can feel the energy of the future in all our conversation.

Aloha, Barry

2018 Sail Range Overview

S2Maui is built upon our passion for innovative design and windsurfing, continuously searching for breakthroughs to enhance the experience and create new performance levels and a solid foundation of design experience creating wings that powered many champions to the highest levels and brought stoke to passionate soul-riders. Our philosphy 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 **SpaceLightTM** laminate sail cloths weigh half as much and have 3x stronger fibers, rejecting the current industry trend towards cheaper and lower quality materials. Our reward comes during daily sessions on Maui's North Shore, when the perfect synthesis of design, material, wind and water combine for the ultimate experience.



Thanks to the great response to *S2Maui*'s sail performance and support from our customers and friends during these first 2 seasons, for 2018 we have stayed true to our commitment for continuous development and improvement in design engineering, along with the added testing and competition expertise of some of windsurfing's most recognized champions, like Micah Buzianis, Josh Angulo, Delphine Cousin Questel andAntoine Questel. Supporting these athletes has also allowed us to push *S2Maui* into the spotlight on the world stage of PWA competition. Highlights of 2018 design improvements include a significant engineering improvement in the main sail body to full Technora *SpaceLight*TM reinforced with unidirectional Kevlar load patches, creating a substantial strength increase, weight reduction and an incredible handling improvement, giving the sail a silky-smooth, connected, quiet and stable feel. Shaping refinements from daily testing, customer and competition feedback evolve the designs for improved wind range and ultimate feeling. 2018 styles range from the ultimate competition performance DRAGON four batten wave sail to the ground-breaking two batten DUALIST for purist wave riders. The three batten CATALYST energizes the radical new school, while ALCHEMY gives magic control and stability with its five batten skeleton. For the dedicated freestyler, the *S2Maui* JESTER performs at the cutting edge. For those hooked on velocity, the 6-batten freeride/freerace nocam BANSHEE is fast enough to scare other race sails. Our ultralight WICKED 2-cam offers fast and balanced freerace performance and is also a great choice for foil. Our highly anticipated flagship model, the 2018 VENOM offers the highest level of World Cup race performance due to an incredibly intense development/testing cycle involving champion riders and outstanding design expertise.



TECHNOLOGY

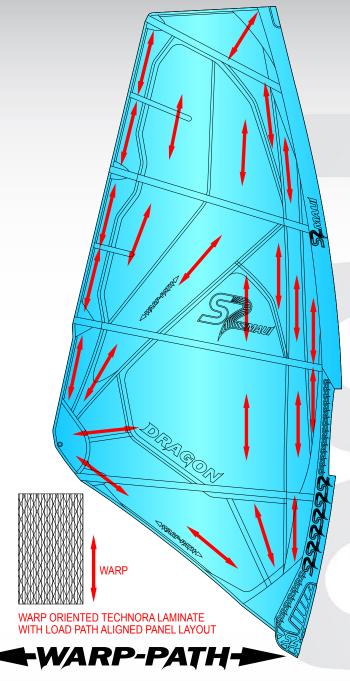
To achieve our goal of developing sails with the highest possible performance, lightest weight and exceptional strength, we worked closely with the world-leading sail cloth manufacturer to design and develop the ultimate super-light and strong laminate sail cloth, **SpaceLight**TM to be used exclusively with our original, load oriented **WARP-PATH**TM sail construction.

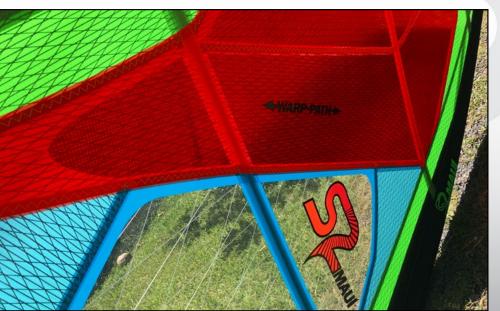
SPACE LIGHT

SpaceLight™ is S2 Maui's exclusive durable super-light and stable laminate sail cloth featuring warp oriented *Technora™* fibers.

- LIGHTER MATERIAL: *Technora*TM 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*TM 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.



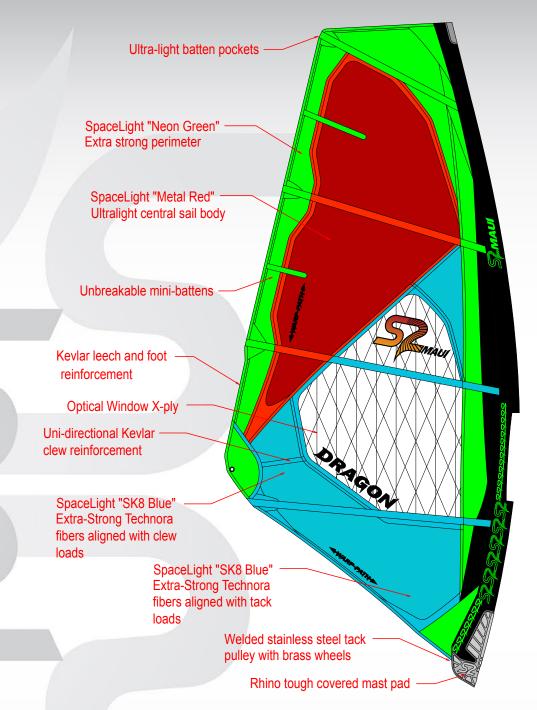




WARP-PATH

WARP-PATH[™], S2 Maui'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 *TechnoraTM* fibers in super light *SpaceLightTM* 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 *TechnoraTM* 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*TM 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

Competition Performance, Power & Agility

The Dragon is the ultimate high performance, progressive wavesail and in 2018 is built entirely in premium Technora spacelight 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 competitionduring a North Sea storm. Achieving agility and power from its perfectly balanced lower aspect ratio, the Dragon puts you quickly into position to 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 superlightweight, the Dragon has a breathtaking maneuverability advantage that has to be experienced.

Artur Szpunar:

For 2018 we upgraded the engineering of the main sail body to full Technora SpaceLightTM reinforced with unidirectional Kevlar load patches, allowing us to increase strength and reduce weight to industry leading levels, while boosting the incredible silky-smooth, quiet and stable handling to another dimension. The DRAGON's wind range has been increased through luff curve refinements which promote twist and stabilize profile. The WARP-PATHTM oriented panel layout offers the ultimate load carrying and shape control ability and allows for 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	





CATALYST

New School Radical Surf

The Catalyst is the lightest, production 3-batten wave sail. For **2018**, engineering improvements have allowed us to use full Technora *SpaceLight* in the entire main sail body, creating a noticeable improvement in smooth, quiet and more balanced handling. The new Technora clew and perimeter construction reduces swing weight to unbelievable levels. The ultra-maneuverable and lightning quick Catalyst performs at the highest level in sideshore conditions and radical maneuvers. The center of effort is perfectly positioned to naturally draw fantasy, surfstyle lines on the wave face, while *S2Maui's* exclusive *FocusPoint* shaping ensures the stable profile and good wind range necessary to handle gusty offshore conditions. As the name suggests, the Catalyst's instant reactivity will energize your wave ride and facilitate aggressive lines and progressive moves.

Artur Szpunar:

The 2018 Catalyst feels significantly lighter, smoother and more draft forward thanks to expanding the excellent load carrying properties of SpaceLight TM to the entire sail body. S2Maui's FocusPoint™ shaping concentrates the shape where it is most important for supporting the sail structure, optimizing balance while allowing the sail to feel light and effortless. Our load oriented WARP-PATH™ panel layout, using our exclusive, ultra-light, low stretch SpaceLight™ laminate material, contributes to the stability and responsiveness of the sail as well as to the incredible light weight.

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





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.

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, FocusPointTM profile shaping method together with the load-stabilizing WARP-PATHTM 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





ALCHEMY

All-round Wave, Stability & Control

The **2018** *S2Maui* Alchemy sets a new standard as 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.

Artur Szpunar:

For 2018 we upgraded the engineering of the main sail body to full Technora SpaceLightTM reinforced with unidirectional Kevlar load patches, allowing us to increase strength and reduce weight to industry leading levels, while creating an incredible silky-smooth, quiet handling character combined with outstanding stability and wind range. Fine-tuned shaping and a classic 5-batten skeleton yield a very versatile design. Moderately low aspect ratio adds maneuverability and improves acceleration.

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





JESTER

Ultimate Freestyle

S2Maui's 100% dedicated freestyle sail, the 2018 Jester is built upon the experience that comes from designing the most sought after competion sails for some of the world'stop freestylers, resulting in the most progressive one yet. Built in a no-compromise, ultra-light construction of SpaceLightTM 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.

Artur Szpunar:

For 2018 we upgraded the engineering of the main sail body to full Technora SpaceLightTM reinforced with unidirectional Kevlar load patches, improving the handling character, reducing swing weight and physical weight to mind-popping levels! A moderate aspect ratio with a nicely tensioned leech provides instant response and exceptionally quick handling. FocusPointTM shaping balances maximum profile with center of effort and dishes out maximum pop. Super-light and quick!

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





BANSHEE LEAVE YOUR FRIENDS BEHIND

The **2018** Banshee benefits from S2Maui Venom race development and provides speed, power and light weight handling that puts many cambered race sails to shame. This highperformance RAF (no-cam) design focuses on slalom/freerace performance in middle and larger sizes, with the smallest sizes transitioning to freeride, each with blistering speed. 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. FocusPointTM 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.

Artur Szpunar:

For 2018, we focused on expanding the Banshee's upper wind range while maintaining low end power. Increased Spacelight™ in clew and leech areas reduces perimeter weight and gives a more reactive leech. Outline and FocusPoint™ shaping, evolved from Venom race development but adapted to a superlight, 6-batten RAF skeleton gives tremendous horsepower and acceleration. Our exclusive, high-tech load oriented WARPPATH™ panel layout featuring SpaceLight™ body construction together with race-stable, tube battens reduces weight and locks in profile.

BANSHEE Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens
5.8	430	21	436	177	7 6	Fixed	6
6.4	430	21	443	188	3 13	Fixed	6
7.0	460	25	464	198	3 4	Fixed	6
7.6	460	25	478	209	18	Fixed	6
8.2	460	25	487	219	9 27	Fixed	6





WICKED FREERACE OR FREEFLIGHT

The 2018 *S2Maui* WICKED 2-cam Freerace sail is a direct descendant of our ultimate performance VENOM race sail, but in a more forgiving package. 7 battens which include carbon tubes, make for an incredibly light, stable and efficient freerace sail with blazing speed.

SpaceLight construction makes the WICKED one of the lightest production Freerace sails available. Slightly softer overall tension and cam pressure ensure effortless rotation and excellent control with a light feel. All these properties also make the WICKED an excellently balanced, smooth, light and stable sail for wind foil and testing has proven it to be one of the best.

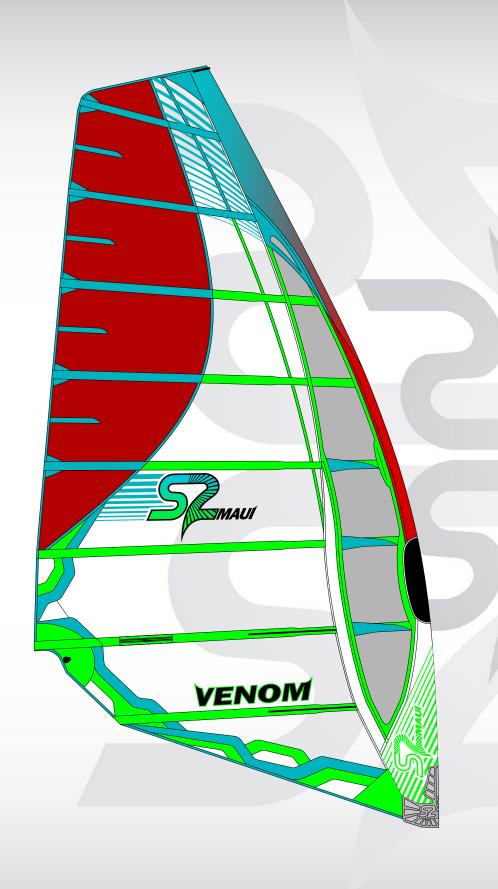
Artur Szpunar:

For 2018, a fine tuned luff curve makes the sails even more balanced. A moderate width sleeve at the 2 cambers locks the profile. Above and below the cambers, the sleeve quickly tapers to a narrower width to reduce water retention and save weight. Progressive leech twist profile modeled after VENOM for maximum efficiency, speed and acceleration. An incredibly light and efficient wing.

WICKED Specs

Size	Mast	IMCS	Luff	Boom	Downhai	ıl Head	Battens	Cams
5.8	430	21	433	182	3	Fixed	7	2
6.3	430	21	435	192	5	Fixed	7	2
7.0	430	21	458	204	28	Fixed	7	2
7.6	460	25	476	212	16	Fixed	7	2
8.2	460	25	489	224	29	Fixed	7	2
9.5RB	490/520	29/32	527	249	37/7	Fixed	7	3

*Note: WICKED 9.5RB has 3-cams and is a special purpose design particularly suited to the Raceboard class



VENOMRELENTLESS!

The *S2Maui* VENOM from Artur Szpunar and Barry Spanier has a legacy of design experience creating the wings that powered many champions to the highest levels and, having returned to PWA World Cup competition, is proving its pedigree once again.

EVIDENCE: After switching to *S2Maui* VENOM in 2017, long-time PWA competitor Antoine Questel has improved his provisional (6 events completed) slalom ranking by 10 places from the previous season, won the Japan World Cup Foil exhibition event and is on track for one of the best results of his career. Working together with feedback from our champion-filled World Cup and test team, Antoine Questel, Delphine Cousin Questel, Josh Angulo and Micah Buzianis, the **2018 VENOM** leaps forward in performance and is our most lethal slalom race sail yet.

WHAT IS IT LIKE TO SAIL A VENOM?

Unrivaled design attention yield the magic combination of radical acceleration, power and speed with incredibly light and smooth handling. The **VENOM** is like a fine, lightweight sword in a field of heavy clubs.

2018 DESIGN AND PERFORMANCE IMPROVEMENTS

- TOP SPEED AND RANGE: New profile shape distribution and luff curve expands top-end wind range and speed while maintaining mid/low end efficiency (special focus in middle and larger sizes).
- GUST CONTROL: New twist profile allows rider to better maintain position through gusty conditions commonly encountered on the race course.
- STABILITY: New outline in middle and larger sizes lowers center of effort, increases stability and control.
- ACCELERATION: Increased drive, lift and forward acceleration.
- BALANCE AND SPEED: Built in "Leeward Pre-bend" shaping increases wing efficiency, balance and max speed.
- CONTROL: Focus on control when overpowered with smaller sizes.
- ROTATION: Cam pressure adjusted for best combination of profile stability, easy rotation and balanced power.



2018 LIGHTEST AND BEST ENGINEERED CONSTRUCTION

- The lightest World Cup Slalom race sail.
- Optimized strength to weight ratio with high strength/ultralight Technora SpacelightTM upper body handles repetitive twist loads and progressive weight film lower body for crisp, responsive feel.
- Multiple, full length vertical luff panels lock in shaping and resist stretch from downhaul loads.
- "Light Tip" upper battens with custom fittings designed. Reduces sail weight further in most important areas and quickens leech response.
- Varying Flex Carbon/composite tubes carefully suited to each batten position.
- Durable mast sleeve top protector.
- Abrasion protection of lower two battens in rigging and boom wear areas.
- Extended sleeve bottom protection.
- Improved high strength Nylon 66 Camber body with anchored stainless pins.
- Reinforced leading edge at camber contact points.
- Batten tensioner screw threaded tighter and sits deeper in tensioner to reduce loosening.
- High strength Epoxy batten tips and close tolerance tip/tube interface for durability and smooth bend.

VENOM Specs

Size	Mast	<i>IMCS</i>	Luff	Boom	Downhaul	Head	Battens	Cams
5.0	400	19	404	172	4	Fixed	8	4
5.7	400	19	412	183	12	Fixed	8	4
6.3	430	21	434	193	4	Fixed	8	4
7.0	430	21	460	206	30	Fixed	8	4
7.7	460	25	480	218	20	Fixed	8	4
8.4	460	25	491	232	31	Fixed	8	4
9.3	490	29	519	240	29	Fixed	8	4







DOES A VENOM SLALOM RACE SAIL ALSO WORK FOR FOIL?

Piloted by Antoine Questel, the **VENOM** showed an incredibly dominating performance, winning the PWA World Cup Foil Exhibition in Japan. Antoine finished in first place, ahead of Antoine Albeau.

There are several reasons why the **VENOM** works so well on foil. For foiling, it is especially important to maintain a stable stance to minimize foil disturbance, keeping the foil surfaces attached and water flowing consistently and evenly. This requires a very steady and balanced rig. Incredibly stable with built in gust control, the **VENOM** excels at delivering

a powerful, smooth ride. In addition, the VENOM has a carefully calibrated soft cam rotation, adding to stability in transitions. Finally, the **VENOM** is the lightest PWA race sail on the market. This makes the entire kit and sailor combination lighter, giving the sailor the earliest possibility of shifting from conventional to foil modes – and with the smallest size sail. With the vastly faster speeds vs true wind velocity realized in foiling, starting with a smaller size that can aid in early foiling pays off dividends at the sail's top end with inherently less drag and higher top end speed and control. The light weight further aids the sailor by being easier to control and keep steady. When combined with the well-known balanced feel and extraordinary range of the *S2Maui* Race and Freerace sails (derived from the superbly efficient twist and profile shape combined with proprietary stable and lightweight materials,) the *S2Maui* VENOM (rigged with slightly less downhaul than for slalom) performs very well on foil.



The S2Maui VENOM is the one to beat.

"The **S2Maui VENOM**'s are super light sails.... In Japan, it was clearly a real advantage for acceleration in the straight sequences and also at the end of each jibe. The other secret of the 8.4 **VENOM** is that you rig it on a 460 mast. Thanks to that, you can pump the sail easily and foil quickly. For windfoiling, I put a bit less downhaul just to have more power in the front of the sail and also more stability in general." — Antoine Questel

"I feel great with my S2Maui VENOM for foiling." – Delphine Cousin Questel

VENOM **RELENTLESS!**

S2MAUI IS VERY PROUD OF OUR TEAM'S EFFORTS IN 2017



Delphine Cousin Questel (Fra-775) wins Le Defi Wind Women's Championship



Mark Boersma (USA-17) Hawaii State Pro Champion





Hellenic Slalom Tour Overall Champion Zois Theocharis (GRE-100) and Vice-Champion Philip Adamidis (GRE-1)



Antoine Questel (Fra-99) wins PWA Japan Foil Exhibition event



Hellenic Slalom Tour Paros Championship event winner Philip Adamidis (GRE-1) followed by Zois Theocharis (GRE-100), overall tour champion.

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

SMORTH SHORE SMORTH SHORE

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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