

2020 Race/Freerace/Foil Race Program



***Legendary Design
Magic Performance***



VENOM

RELENTLESS!

The *S2Maui* **VENOM** from Artur Szpunar and Barry Spanier has a legacy of design experience creating winning sails that powered many champions at the highest international and national level competitions. *S2Maui* provides the engines that allow riders to achieve their goals. After an amazing 2018 season where *S2Maui* **VENOM** rider Delphine Cousin won 4 consecutive events to become World Champion, we are happy to see her continue this good form, having already won 2 PWA slalom events this season. *S2Maui* **VENOM** has also powered Antoine Questel to some of his career best results in 2019! We are most impressed by the success of our great team of national riders around the world who claimed multiple championships in Greece, France, Japan, Holland, Peru and Hawaii.

S2Maui's development never stops and the especially intense **VENOM** Race Sail program benefits from the feedback of our customers and riders as well as the detailed reports from our champion-filled World Cup and test team, Antoine Questel, Delphine Cousin Questel, Micah Buzianis, Mark Boersma, Casey Hauser and Gabriel Browne. The 2020 *S2Maui* **VENOM** brings performance and refinement to the next level!

WHAT IS SPECIAL ABOUT THE VENOM?

Experience, passion for performance and meticulous design attention create the magic formula of radical acceleration, power and speed with incredibly light and smooth handling. The **VENOM** combines ease and pleasure of use with lethal performance that can win races at the highest level of competition.

VENOM Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens	Cams
5.0	400	19	405	174	5	Fixed	7	4
5.6	400	19	413	185	13	Fixed	7	4
6.3	430	21	434	195	4	Fixed	7	4
7.0	430	21	460	209	30	Fixed	7	4
7.6	460	25	481	223	21	Fixed	7	4
8.3	460	25	491	234	31	Fixed	7	4
9.0	490	29	516	240	26	Fixed	7	4



Photo by Erik Aeder

RELENTLESS DEVELOPMENT!

2020 DESIGN AND PERFORMANCE FEATURES

- **CAM ROTATION, NO HESITATION:** The 2020 *VENOM* uses new, low friction, multi-roller, wide footprint cambers at high pressure stations. Together with luff curve adjustments and alternate side batten pockets down low, rotation is smooth, complete and symmetrical.
- **FASTER WITH MORE HORSEPOWER:** Shaping locked low in sail body, leaner shape above boom with pronounced “Leeward Pre-Bend” provides an extremely efficient and fast wing while increased lift gives the horsepower to keep accelerating.
- **BALANCED LIFT:** Careful attention has been given to profile shape and twist flow on each sail size to accomplish the perfect balance of lift and downforce for optimum speed and efficiency
- **OPTIMIZED SIZING AND OUTLINES:** Sail sizes and outline proportions have been optimized for consistent, maximum performance and perfect sail body tension on the recommended mast.
- **7-BATTENS:** Super-light in the hands, better pumping, easier rotation and more efficient twist while maintaining 100% stability and wind range.
- **SLALOM AND FOIL-SLALOM:** New powerful 9.0 *VENOM* size designed to give optimum speed and handling for both traditional light wind slalom racing (with fin) as well as new PWA style, slalom foil.
- **MORE ACCELERATION:** Outline and shaping optimized for powerful and direct forward acceleration out of each jibe allowing you to overtake when the opportunity arises!
- **SMOOTH, STABLE AND BALANCED:** The 2020 *VENOM* flies smooth and balanced, even on the roughest and most gusty race course, allowing you to maintain optimal board trim and body position and focus on being the fastest, while others struggle.



Photo by Jose Morales

2020 LIGHTEST AND BEST ENGINEERED CONSTRUCTION

- The lightest PWA champion slalom sail.
- Refined panel layout increases use of “performance film” in the lower sail body and focuses new superlight, low stretch “Bright Molten Red” and “Intense Metallic Blue” Technora Spacelight TM in the upper leech for instant and reactive leech response
- 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.
- New material extra-durable mast sleeve top protector.
- Abrasion protection of lower two battens in rigging and boom wear areas.
- Extended sleeve bottom protection.
- Reinforced leading edge at camber contact points.
- High Strength Epoxy batten tips and close tolerance tip/tube interface for durability and smooth bend.



Photo by Jose Morales



SR MAUI

VENOM

Photo by Erik Aeder



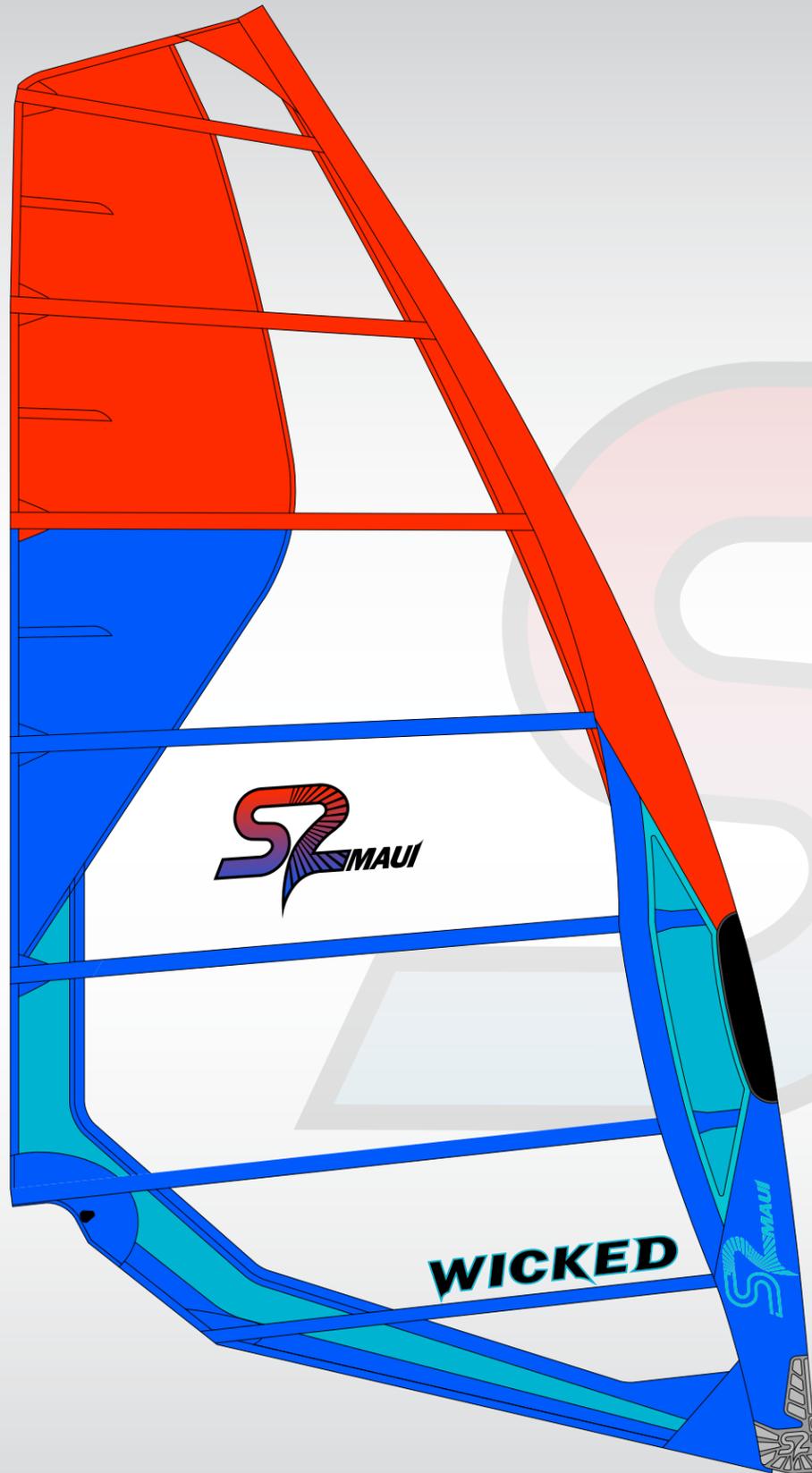
Photo by Erik Aeder



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WICKED

FREERACE OR FREEFLIGHT

The 2020 *S2Maui* **WICKED** 2-cam Freerace and Foil sail always impresses with its high performance derived directly from our **VENOM** race sail, but in a more forgiving package. 2020 offers upgraded *Spacelight™* panel layout with increased use of “performance film” in the lower sail body and focuses new superlight, low stretch “Bright Molten Red” and “Intense Metallic Blue” *Technora Spacelight™* in the upper leech for instant and reactive leech response.

The **WICKED** is one of the lightest production Freerace and Foil sails available. Its 7 battens, which include carbon tubes like the **VENOM**, make for an incredibly smooth, stable and efficient freerace sail with full race sail speed. Slightly softer overall tension and cam pressure ensure effortless rotation and excellent control with a light feel.

The versatile **WICKED** also provides outstanding and easy wind-foil performance with incredible light weight, perfect balance and easy rotation ensuring you will have a smooth flight!

WICKED Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens	Cams
4.6	370	17	389	163	19	Fixed	7	2
5.2	400	19	413	171	13	Fixed	7	2
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



V-FR

AHEAD FROM THE START

The 2020 **V-FR** (**Venom-Foil Race**) is *S2Maui*'s dedicated, superlight weight, World Cup foil racesail. The **V-FR** evolved from *S2Maui*'s **VENOM** racesails which dominated the first PWA foil events in 2017, but features a significantly higher aspect ratio and tighter leech for upwind performance. In its first year, the V-FR already showed impressive performance with Delphine Cousin winning both PWA Foil events in 2019, Japan and Korea, and Antoine Questel winning one of the first Foil slalom races in Costa Brava. Working together with feedback from Antoine, Delphine, Gabriel and Micah, significant improvements have been implemented to the 2020 **V-FR**, including shorter cord length, tighter mid leech, lower foot and increased lift. New multi-roller, wide footprint, low friction cambers and alternate side pockets at lower battens provide excellent, smooth and complete cam rotation. Refined *Spacelight™* panel layout increases use of "performance film" in the lower sail body and focuses new superlight, low stretch "Bright Molten Red" and "Intense Metallic Blue" *Technora Spacelight™* in the upper leech for instant and reactive leech response. A new 7.0 size has also been added to the 2020 **V-FR** range for higher wind conditions. The 2020 7.0, 8.0 and 9.0 are designed for maximum performance in both Foil Slalom and Foil Course style racing. The 9.9 size is designed specifically for Foil Course racing. The 2020 *S2Maui* **V-FR** is the weapon of choice for those serious about foil racing.

V-FR Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens	Cams
7.0	460	25	491	202	31	Fixed	7	4
8.0	490	29	516	216	26	Fixed	7	4
9.0	520	33	543	228	23	Fixed	7	4
9.9	550	36	577	238	27	Fixed	8	4

Be a part of it!



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