

***2021 Race/Foil Race/Free Race Program***



***Legendary Design  
Magic Performance***



# VENOM

## SLALOM RACE

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. It has been a pleasure to witness *S2Maui* **VENOM** rider Delphine Cousin accomplish 2 consecutive PWA Championship seasons, winning both slalom and foil! *S2Maui* **VENOM** has also powered Antoine Questel to some of his career best results! We are most impressed by the success of our great team of national riders around the world who regularly claim multiple championships in Greece, France, Japan, Holland, Peru, Brazil and Hawaii each season. *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 2021 *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

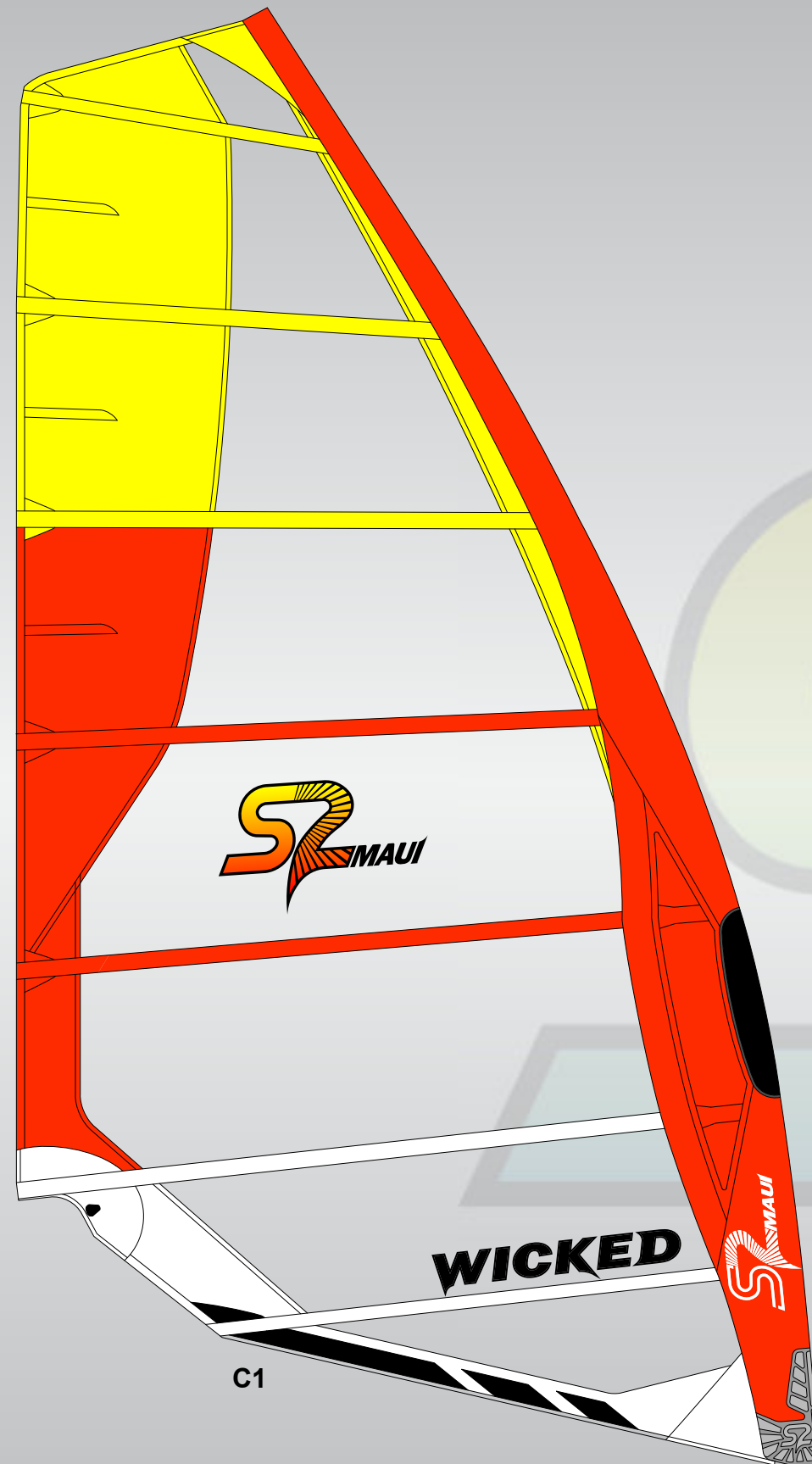
Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens	Cams
5.0	400	19	405	174	5	Fixed	7	4
5.6	400	19	413	185	13	Fixed	7	4
6.2	430	21	434	192	4	Fixed	7	4
6.9	430	21	460	206	30	Fixed	7	4
7.5	460	25	481	220	21	Fixed	7	4
8.2	460	25	491	231	31	Fixed	7	4
9.0	490	29	516	240	26	Fixed	7	4

## 2021 DESIGN AND PERFORMANCE FEATURES

- **INCREASED EFFICIENCY:** 2021 *S2Maui VENOM* has revised outlines and sizes with slightly shorter chord length and more efficient twist pattern for increased speed, acceleration, efficiency and ease of jibing.
- **HIGHER TOP SPEED:** The 2021 *VENOM* is a 3-dimensional wing with profile shape, leech twist profile and leeward pre-bend precisely optimized for blistering top speed.
- **GREATER RANGE AND STABILITY:** The 2021 *VENOM*'s panel layout improves the orientation of *S2Maui*'s exclusive superlight and strong *Technora Spacelight™* in the upper leech reducing weight for instant and reactive leech response. Performance film increased in the mid-sail body to lock in complete stability.
- **SMOOTH, COMPLETE, CAM ROTATION:** The 2021 *VENOM* uses *S2Maui*'s low friction, multi-roller, wide footprint cambers at high pressure stations. Cam pressure has been carefully tuned for correct blend of stability and smooth, complete rotation. Lower cams have preinstalled, removable shims for further tuning.
- **FORWARD DRIVE AND ACCELERATION:** More direct transmission of power to forward acceleration, allowing the 2021 *VENOM* rider to leave the pack behind out of each jibe mark.
- **OPTIMIZED LIFT:** Careful attention to accomplish the perfect balance of lift and downforce keeps you perfectly trimmed while flying across the water.
- **7-BATTENS:** Super-light in the hands, better pumping, easier rotation and more efficient twist while maintaining 100% stability and wind range.
- **SMOOTH, STABLE AND BALANCED:** The 2021 *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.

## 2021 LIGHTEST AND BEST ENGINEERED CONSTRUCTION

- The lightest PWA champion slalom sail.
- Superlight, low stretch “Fluorescent Yellow” and “Intense Metallic Blue” *Technora Spacelight™* 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.
- High Quality INOX clew eyelets with leech abrasion reinforcement
- Removable, light weight “VIPER CLIP” clew pulley
- “Light Tip” upper battens with custom fittings designed. Reduces sail weight further in most important areas and quickens leech response.
- Varying Flex Carbon/composite tube 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.



# WICKED

## FREERACE OR FREEFLIGHT

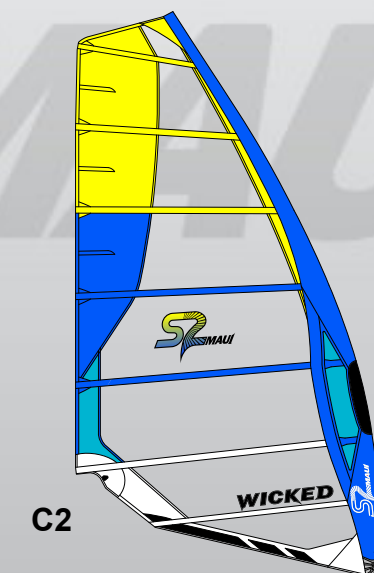
The 2021 *S2Maui* **WICKED** 2-cam Freerace sail brings exciting, high performance derived directly from our **VENOM** race sail, but in a more forgiving package. For 2021 we focused on expanding stability and range by fine-tuning luff curve and cam pressure. An updated panel layout optimizes *S2Maui*'s exclusive superlight and strong *Technora Spacelight™* in the upper leech and new *Carbon Spacelight™* in the clew reducing weight where it matters most for instant and reactive leech response. Performance film in the mid-sail body gives a crisp, stable feel.

The **WICKED** is one of the lightest production Freerace sails available. Its 7 battens, which include carbon and fiberglass 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





## EAGLE-FR FOIL RACE

With the foil discipline evolving rapidly in both slalom and course, we placed a special emphasis on the development of *S2Maui*'s new 2021 **EAGLE-FR** world cup foil race machine.

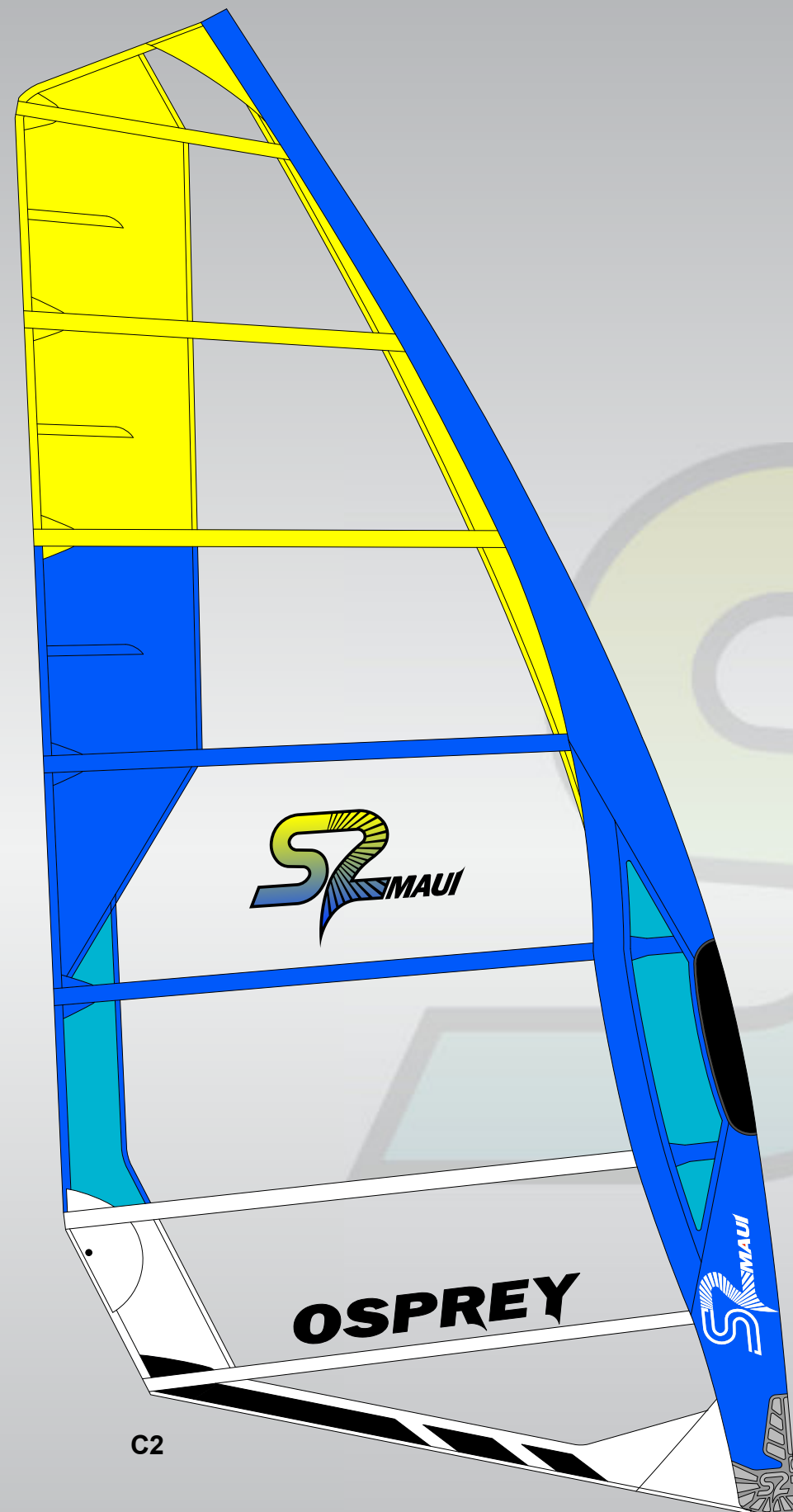
The **EAGLE-FR** replaces *S2Maui*'s **V-FR** which enjoyed good success the past seasons, with Delphine Cousin winning 2 consecutive PWA Foil World Championships and Antoine Questel winning one of the first ever Foil-slalom races in Costa Brava. Working together with feedback from Antoine, Delphine, Gabriel and Micah, the new **EAGLE-FR** has been designed to win.

Through rigorous testing and recuts we developed an incredibly fast and efficient foil-race specific twist pattern with tighter leech tension in the top 3 battens, while allowing a progressive release from clew to head for perfect balance. The **EAGLE-FR**'s new outline has a high aspect ratio with a shorter chord, narrower head width, lower-cut foot and lower clew for perfect balance and trim. Overall sail body tension has been increased slightly and together with a flatter profile, more forward draft position and wide sleeve, the **EAGLE-FR**'s incredible stability allows you to focus on flying past the competition.

Incredibly light, 2021 **EAGLE-FR** is built with *S2Maui*'s exclusive superlight and strong **Technora Spacelight™** in the upper leech reducing weight for instant and reactive leech response. Performance film in the mid-sail body and carbon tube battens lock in complete stability. *S2Maui*'s multi-roller, wide footprint, low friction race cambers and alternate side pockets at lower battens provide excellent, smooth and complete cam rotation.

### V-FR Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens	Cams
6.2	430	21	460	192	30	Fixed	7	4
7.0	460	25	491	202	31	Fixed	7	4
7.9	490	29	516	216	26	Fixed	7	4
8.9	520	33	543	228	23	Fixed	7	4
9.9	550	36	577	238	27	Fixed	8	4



# OSPREY

## FOIL FREERACE

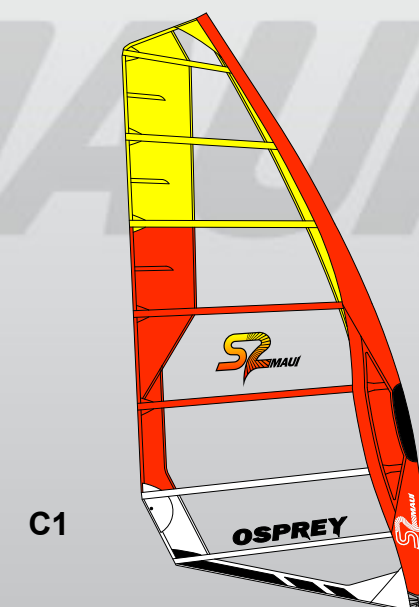
The 2021 *S2Maui OSPREY* is our exciting, new high performance foil-specific freerace sail with 2 cams. The *OSPREY* has a 7-batten skeleton and shaping evolved from our latest world cup foil-race sails, but adapted to a more forgiving package with slightly softer tension, effortless cam rotation and moderate sleeve width. A high aspect ratio, narrower head, tighter leech twist and low-cut foot are perfectly optimized for incredibly efficient and stable foil flight.

The *S2Maui OSPREY* is one of the lightest, cambered Foil-Freerace sails in production. Utilizing *S2Maui*'s exclusive superlight and strong Technora Space light in the upper leech and *Carbon Spacelight™* in the clew reduces weight where it matters most for instant and reactive leech response. Performance film in the mid-sail body gives a crisp, stable feel. Race quality carbon and fiberglass tubes lock in the profile.

If you are looking to maximize your wind-foil speed but prefer something lighter and more forgiving than a full-on PWA foil-race sail, the new *S2Maui OSPREY* is the perfect choice!

### OSPREY Specs

Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens	Cams
6.2	430	21	458	191	28	Fixed	7	2
6.9	460	25	476	200	16	Fixed	7	2
7.5	460	25	489	211	29	Fixed	7	2



***Be a part of it!***



***Legendary Design  
Magic Performance***

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