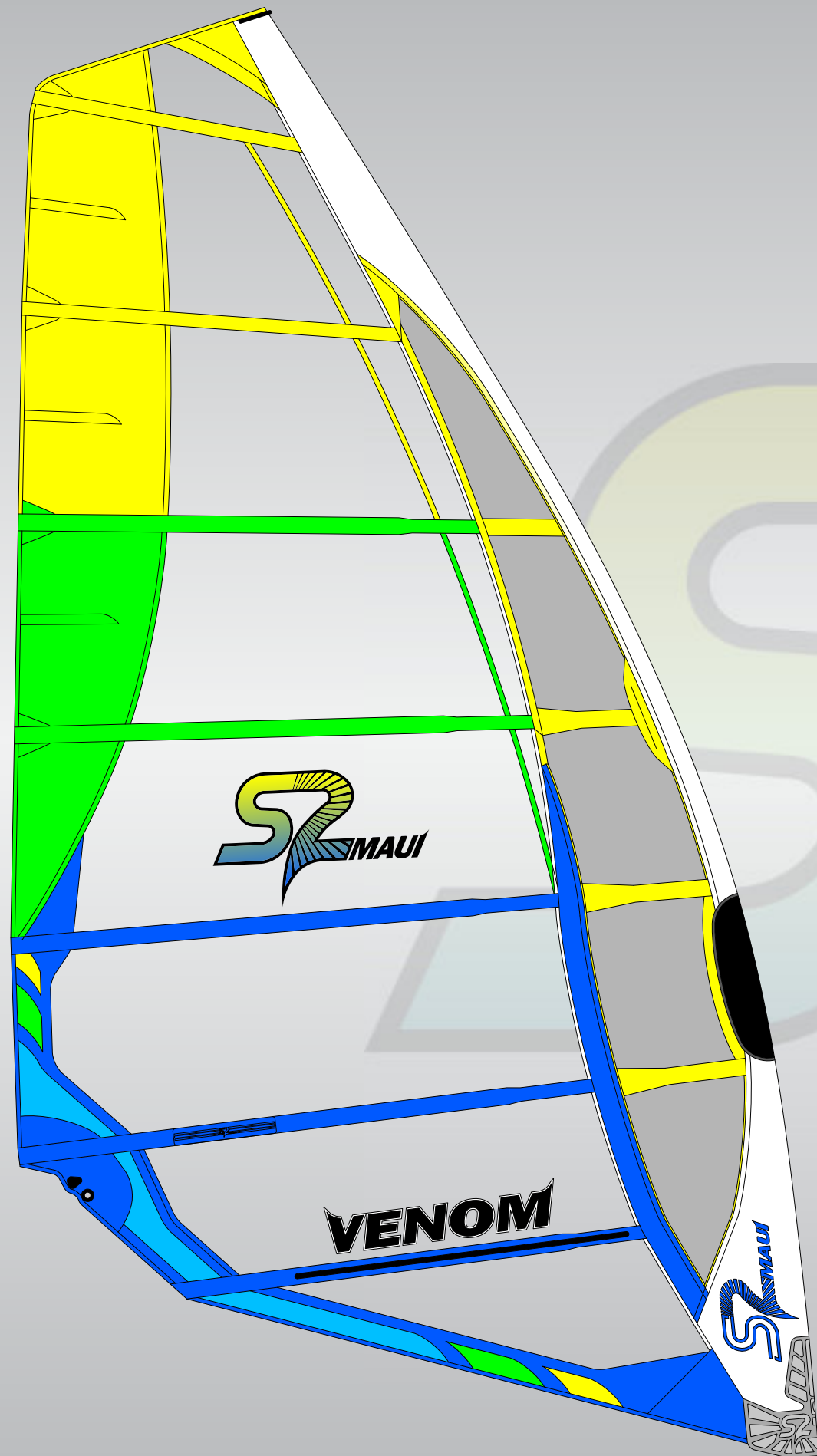


2022 Race/Foil Race/Free Race Program



*Legendary Design
Magic Performance*



VENOM

SLALOM RACE

The 2022 *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 Japan, France, Holland, Greece, 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, Andrea Rosati and Gabriel Browne. The 2022 *S2Maui* **VENOM** is our highest performing race sail to date.

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

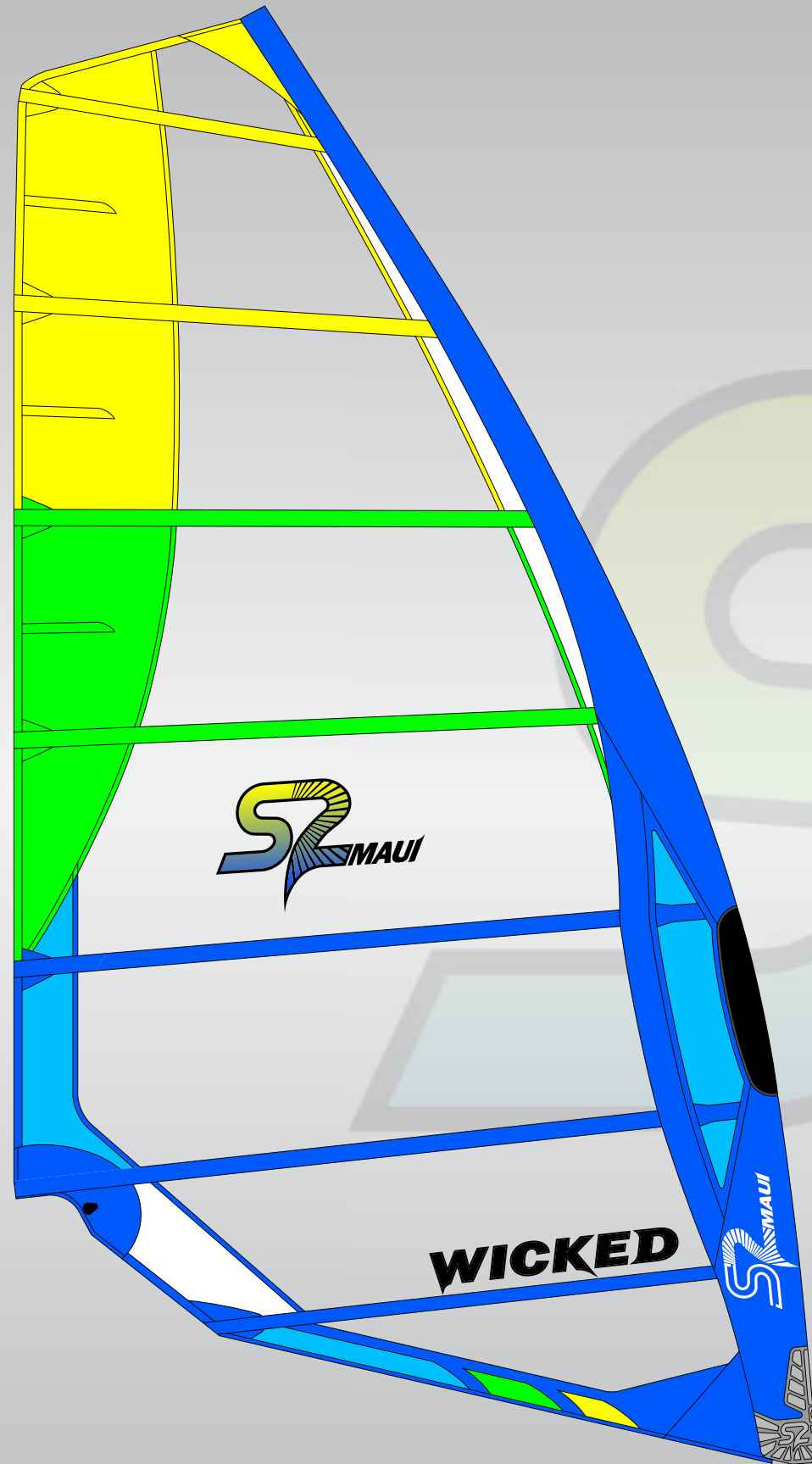
Size	Mast	IMCS	Luff	Boom	Downhaul	Head	Battens	Cams
5.0	400	19	405	174/171	5	Fixed	7	4
5.5	400	19	413	183/180	13	Fixed	7	4
6.1	430	21	434	190/187	4	Fixed	7	4
6.8	430	21	460	203/200	30	Fixed	7	4
7.5	460	25	481	217/214	21	Fixed	7	4
8.2	460	25	491	229/226	31	Fixed	7	4
9.0	490	29	516	240	26	Fixed	7	4

2022 DESIGN AND PERFORMANCE FEATURES

- **SHORTER CHORD AND BOOM LENGTH:** 2022 *VENOM* has a reduced chord length (distance from leading edge to leech) as well as shorter boom. This allows for tighter turns during mark roundings and a more efficient aerodynamic profile.
- **SECOND CLEW ADDED:** The 2022 *VENOM* has a second INOX D209 clew eyelet added further down and inwards. This increases versatility for riders who need their slalom race sail to serve dual purpose on both fin and foil, with the lower clew allowing a more upright rake angle, suitable for foil. The inward position of the second clew also reduces boom length further.
- **MORE EXPLOSIVE AND DIRECT ACCELERATION:** The 2022 features a fine tuned twist pattern and new panel layout that increases use of lightweight performance monofilm for the most responsive acceleration.
- **MAXIMUM SPEED AND EFFICIENCY:** The 2022 *VENOM*'s revised, shorter chord length outline together with precisely tuned 3-dimensional profile, slippery leech twist, and leeward pre-bend give it the ultimate top speed and efficiency needed to win races and speed trials.
- **ULTIMATE WIND RANGE AND STABILITY:** The 2022 *VENOM*'s shorter chord outline, tuned shaping and increased use of super stable performance monofilm together with S2Maui's exclusive superlight and strong *Technora Spacelight™* in the leech creates perfect stability and incredible wind range.
- **SMOOTH, COMPLETE, CAM ROTATION:** The 2022 *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, removeable shims for further tuning.
- **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.
- **PERFECT CHARACTER:** The 2022 *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.

2022 LIGHTEST AND BEST ENGINEERED CONSTRUCTION

- The lightest PWA champion slalom sail.
- Superlight, low stretch “Fluorescent Yellow” and “Hot Green” *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.
- 2x High Quality INOX clew eyelets with leech abrasion reinforcement
- Removeable, 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.
- Extra-durable mast sleeve top protector and internal reinforcements
- 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

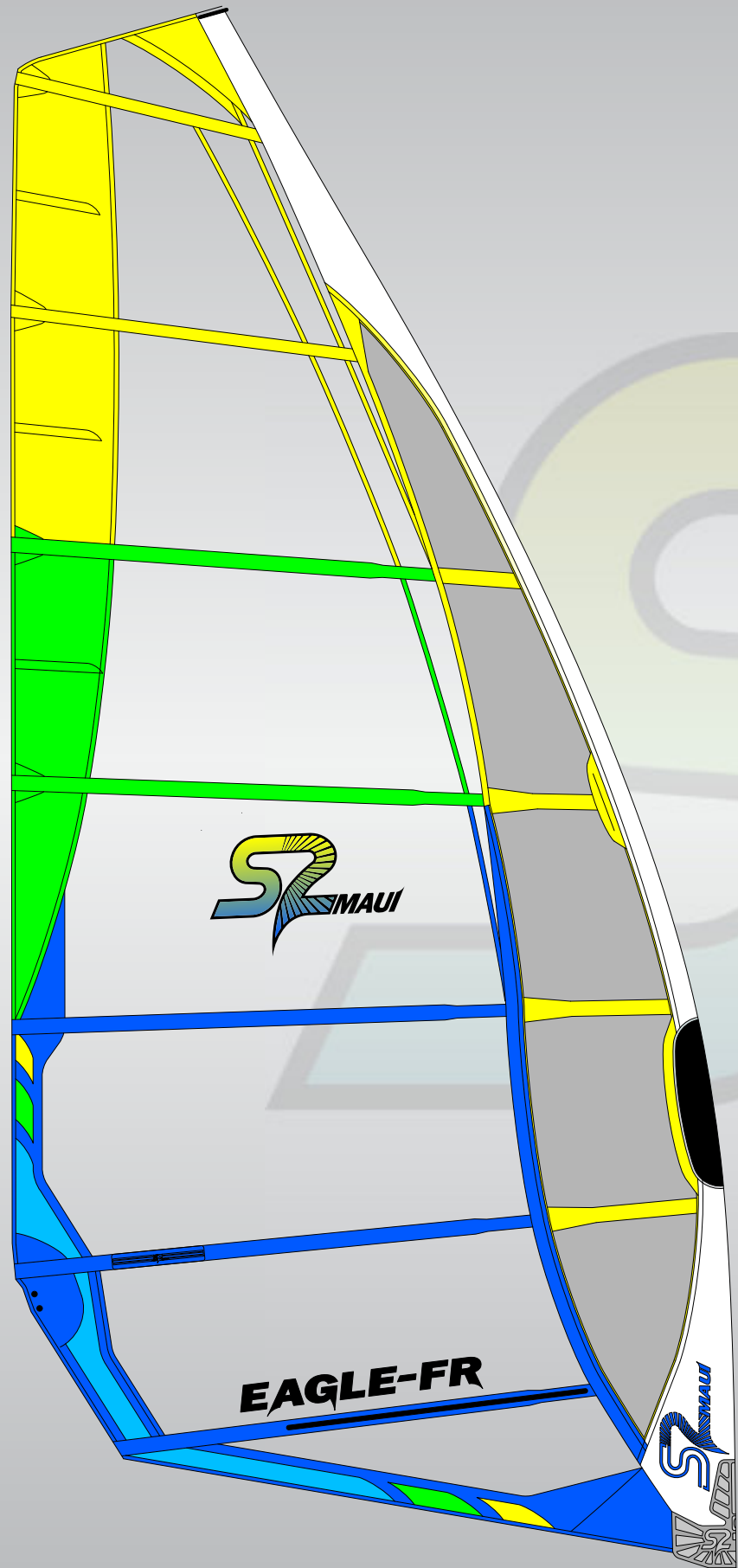
The 2022 *S2Maui WICKED* 2-cam Freerace sail brings exciting, high performance derived directly from our *VENOM* race sail, but in a more forgiving package. The new panel layout of the 2022 *WICKED* closely resembles the 2022 *VENOM* with increased use of lightweight performance monofilm in the sail body for direct and responsive acceleration. S2Maui's exclusive superlight and strong *Technora Spacelight™* is oriented along the leech with *Carbon Spacelight™* in the clew reducing weight where it matters most for instant and reactive leech response. Cam pressure is fine tuned for an optimum balance of locked stability and easy rotation.

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	
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

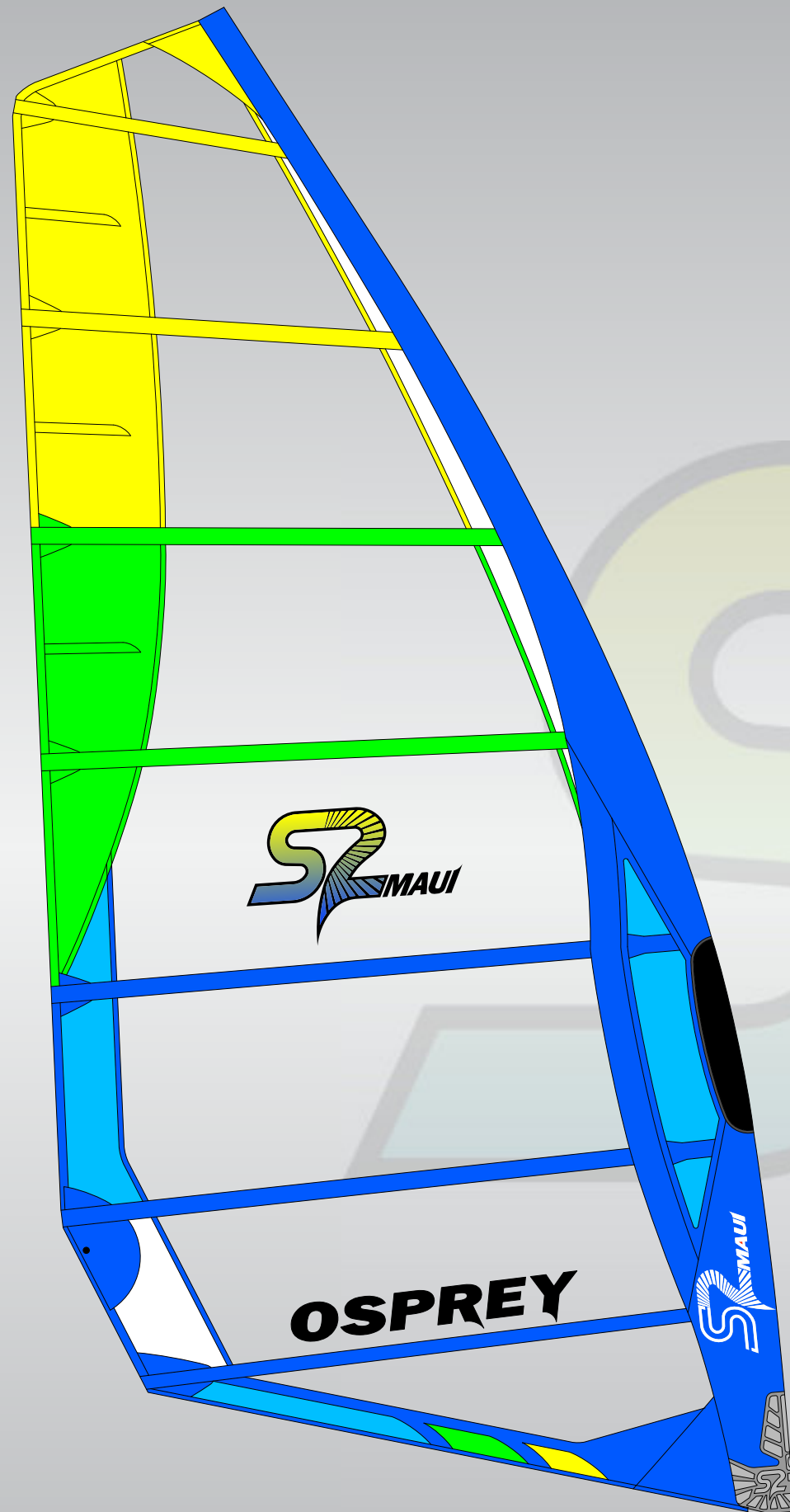
FOIL RACE

Great focus has been placed to ensure that the 2022 **EAGLE-FR** is at the pinnacle of performance for the rapidly evolving foil slalom and course disciplines. **S2Maui's** world cup foil race machine is developed working together with feedback from Antoine, Delphine and Micah and built upon an impressive foil race pedigree including Delphine Cousin winning 2 consecutive PWA Foil World Championships, Antoine Questel winning the first ever PWA exhibition foil title together with some of the first ever foil-slalom races and Micah Buzianis' timeless champion test expertise.

Updates for the 2022 **EAGLE-FR** include a revised outline with shortened chord length and boom which together with refined batten angles noticeably increase stability and further expand wind range. New 2022 panel layout increases use of lightweight performance monofilm throughout the sail body for more direct and explosive acceleration. S2Maui's exclusive superlight and strong **Technora Spacelight™** is oriented in the leech for lightning fast response, incredible light weight and good durability. We have fine-tuned the foil-race specific twist pattern with tighter leech tension in the top 3 battens, and an incredible, slippery-fast, progressive twist pattern from clew to head that allows the sail to breath and adjust itself for the most efficient airfoil profile. Higher sail body tension, flatter profile, more forward draft position, wide sleeve and high carbon content tube battens give the 2022 **EAGLE-FR** incredible locked stability allowing the racer to maintain perfect trim and body position.

V-FR Specs

<i>Size</i>	<i>Mast</i>	<i>IMCS</i>	<i>Luff</i>	<i>Boom</i>	<i>Downhaul</i>	<i>Head</i>	<i>Battens</i>	<i>Cams</i>
6.1	430	21	460	190	30	Fixed	7	4
6.9	460	25	491	200	31	Fixed	7	4
7.8	490	29	516	214	26	Fixed	7	4
8.8	520	33	543	226	23	Fixed	7	4
9.9	550	36	577	238	27	Fixed	8	4



OSPREY

FOIL FREERACE

The *S2Maui OSPREY* has proven itself as the perfect high performance foil freerace engine with 2 cams! The 2022 *OSPREY* has a 7-batten skeleton and shaping evolved from our latest *EAGLE-FR* 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. The new panel layout of the 2022 *OSPREY* closely resembles the 2022 *EAGLE-FR* with increased use of lightweight performance monofilm in the sail body for direct and responsive acceleration. S2Maui's exclusive superlight and strong *Technora Spacelight™* is oriented along the leech with *Carbon Spacelight™* in the clew reducing weight where it matters most for instant and reactive leech response. 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

<i>Size</i>	<i>Mast</i>	<i>IMCS</i>	<i>Luff</i>	<i>Boom</i>	<i>Downhaul</i>	<i>Head</i>	<i>Battens</i>	<i>Cams</i>
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
8.4 LW	490/520	29/32	527	226	37/7	Fixed	7	3

Note: The OSPREY 8.4 LW has 3 cambers and a softer mast sleeve optimized for foiling in light wind

Be a part of it!



***Legendary Design
Magic Performance***

Contact

Sales: Rick Whidden – rick@S2Maui.com

Designer: Artur Szpunar – art@S2Maui.com

Designer Emeritus: Barry Spanier – barry@barryspanier.com

S2Maui, Inc. • Haiku, Maui, HI USA • www.S2Maui.com

© Copyright 2022 S2Maui, Inc. Design/Photo Retouching: hauser-advertising.com.