

# FLYSURFER



## SUPERSONIC

### EXCEPTIONAL LIGHTWIND PERFORMANCE

**GRÖSSEN:**

12 / 15 / 19 / 22

**TECHNOLOGIE:**

CLOSED-CELL FOIL KITE: 4-LEVEL RAM AIR

**FOCUS:**

TOURING, FREERIDE

**KÖNNEN:**

INTERMEDIATE - PROFESSIONAL

**TAGS:**

#loyaltothefoil #flysurfersupersonic #supersonic #flysurfer





# SUPERSOONIC

LIGHTEST CLOSED CELL FOIL KITE IN OUR LINEUP

The SUPERSOONIC is designed for dedicated kitefoilers who demand peak performance in marginal winds. Created with a passion for foiling, this closed-cell kite is perfect for exploring coastlines, island hopping, and maximizing your daily distances. The SUPERSOONIC delivers thrilling speeds and exceptional handling, inspiring you to go faster, travel further, and discover the unknown.

## HIGHLIGHTS:

HYDRO-TECH CONSTRUCTION

CCB CUT - CHORD CUT BILLOW

SPECIALIZED FOR FOILING

## DESIGN CONCEPT

The SUPERSOONIC is engineered with a closed-cell construction that leverages its ultra-lightweight build to optimize performance and efficiency in minimal wind conditions. By reducing weight and incorporating advanced materials such as 10D and DLX+, the kite ensures superior stability and delivers crisp bar feedback.

The SUPERSOONIC's specially optimized canopy combines exceptional efficiency with superior aerodynamics, offering effortless handling and dependable light-wind relaunch capabilities. Reflex-profile sections further enhance control and depower by providing stability at low angles of attack and managing power buildup.

By integrating the standout features of the SONIC4 and VMG3 product lines, the SUPERSOONIC offers a unique bar feel akin to a freeride kite while delivering the forward drive and acceleration characteristic of a high-performance ram-air race kite. This seamless balance of control and speed makes it the ultimate choice for demanding foilers who value performance

## TARGET GROUP

### Longdistance touring:

Inspired by extended rides that help you disconnect from daily life. Maximize every moment of your free time, enjoy the serene beauty of nature, and stay fit. With the SUPERSOONIC, you'll enjoy the prestige of high-tech equipment that lets you kite from sunrise to sunset—making the most of every vacation.

### Landlocked areas with lakes:

Ideal for kite foilers transitioning from SONIC kites who focus on cruising

rather than jumping, the SUPERSOONIC excels in marginal winds thanks to its aerodynamic design, lightweight construction, and efficiency, ensuring you always make it back home.

### Snowkiting:

Although designed primarily for water, the SUPERSOONIC performs exceptionally well in high altitudes and thin air. Kite across snow-covered landscapes and frozen lakes, experiencing a unique and exhilarating ride. Proper care is essential to avoid damage from sharp objects like ice spikes or rocks.



## SCOPE OF DELIVERY:

1x SUPERSOONIC

1x SUPERSOONIC Light Bag

1x UNIVERSAL Bag

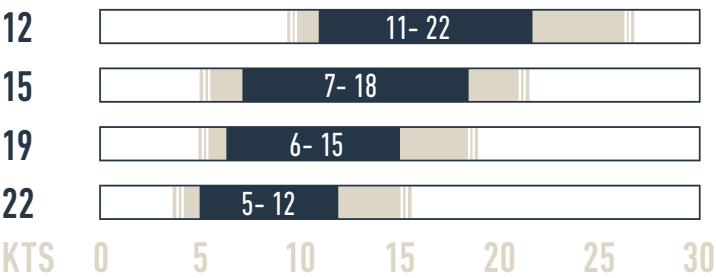
1x Sand Bag

1x Kite Safety Guide

1x Repair Kit



WINDRANGE



TECHNICAL HIGHLIGHTS

**Ultra-Light Construction:** Optimized for flying in extremely light winds, the SUPERSONIC combines proven technology with meticulous manufacturing. Its design is tested extensively on the Formula Kite race course, ensuring exceptional freeride performance.

**Hydro-Tech:** Built with the most advanced soft-coated fabrics, including Skytex32 on the leading edge and 10D sailcloth. This material mix effectively absorbs moisture, ensuring uninterrupted airflow and superior performance in humid conditions. Hydro-Tech is fine-tuned for strength and minimal weight, enabling agile performance in light wind scenarios.

**Air Intake Line:** Spanwise air intake lines stabilize the leading edge and prevent inlet deformation for quick inflation. This ensures faster inflation, quicker control, and enhanced stability across the wingspan during launches. When overpowered, the kite flies further to the wind window's edge, maintaining efficiency and delaying leading-edge dents.

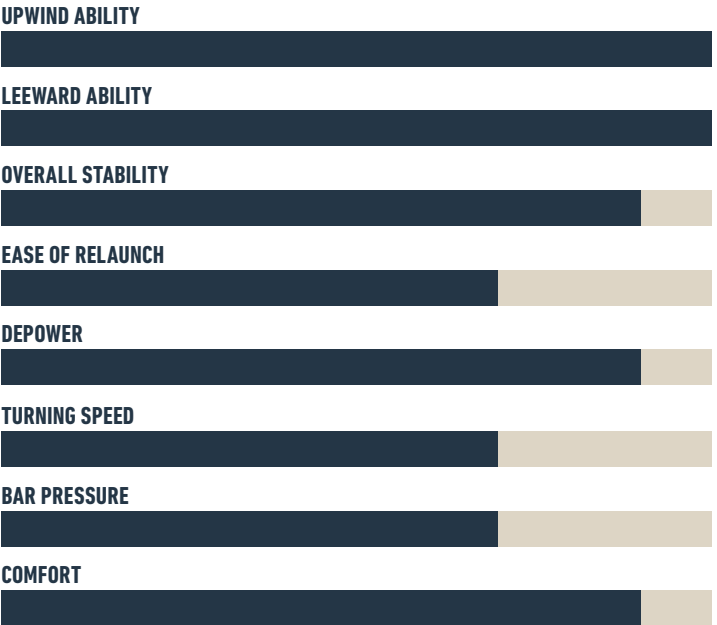
**High-Tensile Strength Bridle:** Equipped with Dyneema A-lines and Kevlar B and C-lines, all coated with UV-resistant layers for enhanced durability. The bridle ensures consistent length and strength, reducing



wear and adjustments while maintaining stability and control. Integrated Performance Tuner: A knot ladder on the C-pulley line allows precise adjustments to the camber for power, steering forces, and depower—Fine-tune brake line tension to match wind conditions and personal preferences.

**Mixer with Splice Trim to tune Camber:** The aerodynamically advanced mixer with splice trim allows precise tuning of the camber profile. The design adjusts the depower, can avoid front stalls, and maintains stability at high speeds. The mixer is designed to avoid tangling with bridle lines, ensuring smoother operation.

**Compact and packable:** As with all our freeride closed-cell kites, the SUPERSONIC is easy to transport and store, making it ideal for travel and on-the-go adventures.





# SUPERSONIC IN COMPARISON

## vs SONIC:

The SUPERSONIC is designed for speed, while the SONIC excels at Big Air tricks. The SUPERSONIC's ultra-lightweight materials are more sensitive and less tolerant of unequal power spikes, such as those occurring during takeoffs. This high-value kite requires gentle handling to maintain its performance and longevity. What you get in return:

- Phenomenal Light-Wind Performance
- Up to 500g less weight, depending on the size
- Fine-tuning options and a less trim-intensive bridle line mix
- Improved depower within the bar travel
- Worry-free handling during maneuvers, especially with low tension on the flying lines
- More front line load for easier take-offs, eliminating the need for advanced techniques

## vs VMG<sup>3</sup>:

The SUPERSONIC caters to performance-driven riders who enjoy comparing top speeds and tracking with friends or their kite community. The VMG<sup>3</sup> is designed for professionals competing at the highest levels, with the 9m VMG<sup>3</sup> being a complementary option for stormy conditions. What the SUPERSONIC offers:

- Significantly better relaunch
- Ease of control
- No special technique is required for getting up and starting to foil
- Better handling during maneuvers with low-line tension
- Compact pack size and convenience while traveling

## vs SOUL:

The SOUL is a more durable and versatile kite, best paired with a twin tip. The SUPERSONIC, by contrast, is built for experienced riders with knowledge of foil kites and strong flying skills.



# CONTROL BAR RECOMMENDATIONS

SUPERSONIC operates on 4-line Front Line Safety control bars. For the ultimate experience, we recommend the SYNC Carbon Free Bar. Compatible with Front-Line Safety System CONNECT, FUSION, FORCE, SYNC Control Bars.

Kite Size	12	15	19	22
Bar Size	60 cm [M] [L]	60 cm [M] [L]	60 cm [L]	60 cm [L]
Line Length	12 - 21 m	12 - 21 m	12 - 21 m	12 - 21 m

