

# FLYSURFER



## SONIC<sup>5</sup> UP YOUR GAME

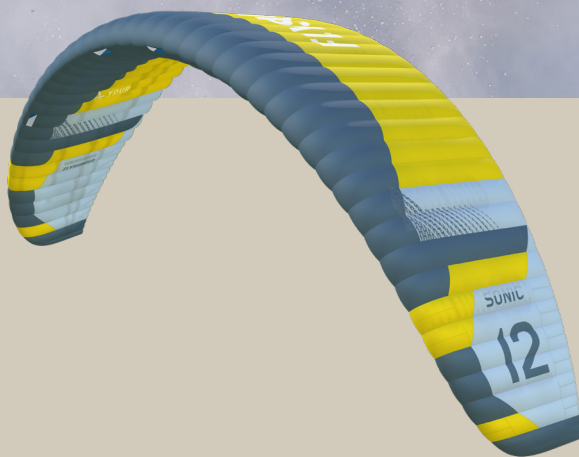
**SIZES:** 7 / 10 / 12 / 15

**TECHNOLOGY:** Closed Cell Foil Kite, 4-Level Ram Air (A, B, C, Z)

**FOCUS:** Big Air

**SKILLS:** Intermediate - Professional

**TAGS:** #upyourgame #sonic5 #flysurfersonic



# SONIC<sup>5</sup>

## UP YOUR GAME

Maximum Jump Frequency! The SONIC5 is a high-performance upgrade for trick junkies. Building on the foundation of the SONIC4, it has been tweaked and refined to meet the training demands of the world's Big Air elite. It's designed for athletes aiming to master jump height, trick execution, and smooth, controlled landings.

### HIGHLIGHTS:

MAXIMIZE YOUR JUMP FREQUENCY

LAND CLEANER

STAY LONGER IN THE AIR

## DESIGN CONCEPT

The SONIC captures everything we love about foil kites: explosive takeoffs, endless hangtime, efficient depower, top-end speed, and maximum time on the water - the very reasons we fly foil kites.



## TECHNICAL HIGHLIGHTS

### OUTLINE & CONPOY CURVE (ARC)

Adjustment of the outline and canopy curve to make turning more harmonious and to delay flow separation.

### PROFILE SECTIONS

Power delivery is more progressive, and feedback to the harness and bar is increased to create maximum explosiveness while maintaining balanced depower.

### INCREASED ASPECT RATIO AND CCB

Performance gains without loss of control.

### AIR INTAKE LINE

Supports launching and prevents deformation of the leading edge. Enhances control at low angles of attack.

## SCOPE OF DELIVERY:

1x SONIC<sup>5</sup> Kite only

1x SONIC<sup>5</sup> Bag [S] or [M]

1x Trim Checker

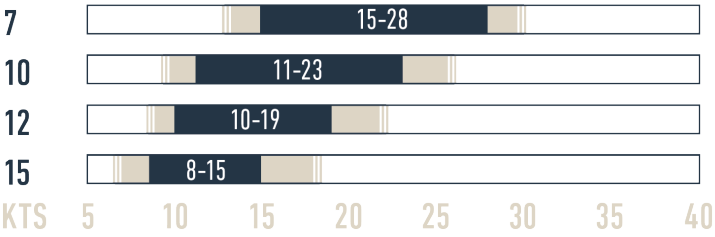
1x Sandbag

1x Repair Kit

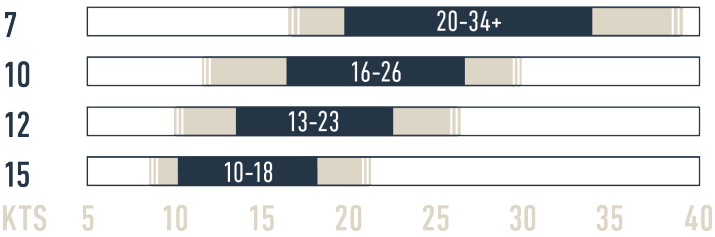
1x Kite Safety Guide

WINDRANGE

KITEFOIL



TWINTIP



Note on Table Usage:

The values provided in the table are intended solely as a general guideline and are based on an average rider weight of 75 kg. However, the appropriate kite size depends on a range of individual and environmental factors, including: the rider's body weight, the prevailing wind and terrain conditions (water or land), and the type and size of the board used (e.g., small twintip or hydrofoil).

Recommendation:

Kite size selection should always be guided by personal experience and sound judgment. In case of uncertainty, it is generally advisable to opt for a smaller kite size for safety reasons.

UPWIND ABILITY



LEEWARD ABILITY



OVERALL STABILITY



EASE OF RELAUNCH



DEPOWER



HANGTIME



TURNING SPEED



BAR PRESSURE



COMFORT



USP:

INCREASED JUMP FREQUENCY

PERFORMANCE CHANGES

TURNING

Consistent contact with the wingtip and bar feedback. Steering without flow separation to extract maximum performance.

OPTIMIZED HELILOOP

Loops more harmoniously and precisely, without stalling. More controlled and softer landings, with an impressive second lift.

IMPROVED HANDLING

Direct steering characteristics and progressive holding force to feel the kite in the air as clearly as possible. Simplified launching and reliable relaunch.

STABILITY AND CONTROL

Excellent power-to-depower ratio, with high stability at full speed and in turbulent conditions.

MORE HANGTIME & PERFORMANCE

Technical features and increased aspect ratio to squeeze out the last percentages of performance and hangtime.

INCREASED VERTICAL LIFT

The kite flies through the wind window with minimal lateral forces and high speed. Takeoffs are easier to time, and the lift follows progressively.

TRIMMING

Durability-focused material and bridle mix. Less trimming is required, resulting in more hours of full performance - robust materials for many hours on the water.



## AREA OF USE

### BIG AIR TRAINING

Internalizing complex movement patterns and replicating them with ERA. More hours on the water with increased jump frequency.

### HYDROFOIL BIG AIR

For everyone who falls asleep while cruising. Amazing jumping performance for maximum fun.

### HIGH-PERFORMANCE FREERIDE

Push it until your muscles burn. Sporty foil kite feeling for experienced riders.

### NOT RECOMMENDED FOR:

**Beginner Training:** We recommend HYBRID<sup>2</sup> and INDIE for practice.

**All-round use:** We recommend SOUL<sup>3</sup> and STOKES<sup>4</sup> for this use case.

**Lightwind Hydrofoiling:** We recommend SUPERSONIC for all light wind lovers.



SONIC <sup>5</sup> at a glance with our foil kites										
	USP	Positioning	Target Group	Material Mix	Size Curve	Compatible Control Bars	Recommended Bar Width	Recommended Flying Lines	Flag Out System	Board
SONIC <sup>5</sup>	Jump Performance	Big Air	Big Air riders, aistylers, jump-oriented hydrofoilers	Leading Edge: DLX+ Canopy Cloth: TX Light	15, 12, 10, 7	SYNC Free, FUSION, FORCE - [M] & [L]	52 – 60 cm	20 m	Single Front Line Safety	SHOT, RADICAL
SONIC <sup>4</sup>	Accessibility	High-Performance Freeride	Freeriders, aistylers, jump-oriented hydrofoilers	Leading Edge: DLX+ Canopy Cloth: TX Light	18, 15, 12, 10, 8, 6	SYNC Free, FUSION, FORCE - [M] & [L]	52 – 60 cm	20 m	Single Front Line Safety	SHOT, RADICAL, STAGE
SUPERSONIC	Reliability	Touring & Freerace	Performance foilers, racers, lightwind hunters	Leading Edge: Skytex 27 Canopy Cloth: 10 D	22, 19, 15, 12	SYNC Free, SYNC Race, FUSION - [M] & [L]	52 – 60 cm	15 m	Single Front Line Safety	STAGE, RADICAL
SOUL <sup>3</sup>	Versatility	Allround & All Terrain	First-time foil kite owners, versatile riders, globetrotters	Leading Edge: DLX+ Canopy Cloth: TX Light	21, 18, 15, 12, 10, 8, 6	SYNC Free, FUSION, FORCE - [S], [M], [L]	52 – 60 cm	20 m	Single Front Line Safety	TRIP, RADICAL, STAGE
VMG <sup>3</sup>	Efficiency	Racing	Kitefoil racers, competitive athletes	Leading Edge: Skytex 27 Canopy Cloth: 10 D	21, 19, 15, 11, 9	SYNC Race - [M] & [L]	55 – 60 cm	12 m	Single Front Line Safety	-
HYBRID <sup>2</sup>	Safety	Progression & Easy Foiling	Beginners, lightweights, children, wave foilers, trainers	Leading Edge: DLX+ Canopy Cloth: TX Light	12, 10, 8, 6, 4.5, 3	CONNECT, FUSION - [S], [M], [L]	47 – 60 cm	21 m	Single Front Line Safety	STAGE, RADICAL

Characteristics in comparsion to SOUL <sup>3</sup> , SONIC <sup>4</sup> , SUPERSONIC and VMG <sup>3</sup>										
	Upwind Performance	Drift	Stability	Relaunch	Flight Speed	Hangtime	Backstall Resistance	Holding Forces	Steering Forces	Jump Performance
SONIC <sup>5</sup> Specifics	Best upwind performance on a twintip in our lineup. Generates less lateral force than the SOUL.	Drift is only relevant when hydrofoiling – and here, it's comparable to the SOUL. The SUPERSONIC and VMG have an edge in this area due to their lighter weight.	As a high-performance kite, it requires precise control, as it tends to overshoot and must be actively flown. Maintain back line tension and, if necessary, stall into the soft zone.	Like its predecessor, it requires experience with foil kites. If you're looking for more reliability, the SOUL is the better choice.	Increased aspect ratio and refined profile improve speed. The kite moves faster through the wind window, making takeoffs easier to time. Downloops pull consistently and smoothly.	Maximum airtime.	Highest backstall resistance among all high-performance kites in the lineup.	Bar pressure increases with kite load and wind speed. In the sweet spot, it's very comfortable to ride.	Highly precise bar feedback. Steering forces increase the more and longer you turn—a clear improvement over the SONIC <sup>4</sup> .	Best jumping performance in the lineup: explosive and precise.

SONIC <sup>5</sup> vs SONIC <sup>4</sup> by Luca Ceruti - 3rd @ King Of the Air 2024	
Vertical Lift:	The SONIC <sup>5</sup> offers a noticeably more vertical lift. Thanks to improved wingtips, the kite turns up faster and stays closer to the edge of the wind window. Requires less steering input than the SONIC <sup>4</sup> , resulting in a more confident takeoff.
Downloops:	he SONIC <sup>5</sup> has a tighter turning radius and more uplift during loops. Unlike the SONIC <sup>4</sup> , which looped more in front of the rider, the V5 loops further behind the head, creating a smoother, more balanced pendulum effect. This results in easier, more controlled downloops and increased hangtime.
Hangtime:	While the SONIC series is known for hangtime, the V5 excels due to: Improved pendulum dynamics. Faster flying speed with less drag. These changes make learning downloops more accessible.
Overall Impression:	The SONIC <sup>5</sup> shows clear improvements in vertical lift, hangtime, and downloop performance. It's suitable for everyone -from intermediate to elite riders.

