





SYCROSS² LTF / EN B

GO XC

To succeed the Sycross One, one of the most successful paragliders in its class, SOL has produced a new masterpiece. The Sycross 2 is meant to consolidate the concept of high performance B gliders with excellent passive safety in the category. On this wing, the pilot evolves without changing the category accumulating many hours and kilometers.

We believe the Sycross 2 is the ideal glider for pilots who want lot of performance without waiving the safety of the B class, for frequently flying pilots who do not wish to change category and even so perform great XC flights.



Flight characteristics

The profile was completely redesigned, with the B attachments shifted back and C attachments shifted forward.

The shape of the leading edge was changed in order to build a more stable and easy-to-fly equipment.

The Sycross 2 surpasses its predecessor in all points: take-off, stability, speed, glide, thermal climbing and comfort.





Highlights and differences compared to Sycross One

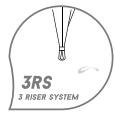
- More stable
- 12% less line consumption
- 3 Risers
- More gliding
- PPSLS and Vectran® lines with excellent durability and reduced drag
- Light & Compact
- Easier piloting
- Mini Ribs
- Pressure Booster Profiles
- Lighter
- 3D Shaping
- Steerable from the Risers

Technologies

The Sycross 2 incorporates the newest technologies and construction solutions deriving from the 2-line wings: more aerodynamic stabilos, profile with increased potential and stability, less arching, greater Projected A/R resulting in significant gain in performance with stability and comfort in flight.



Pressure Booster Profiles



3 Riser System



X - Battens



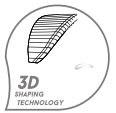
Laser Cut Technology



Full Hybrid Technology



Load Distribution Tapes



3D Shaping



Mini Ribs



Battens Technology



High Project Aspect Ratio



Bow Tec



High Tech Lines



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Tensile Power Tapes







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Technical data

	XS	S	M	L	XL	XXL	
Cells	60	60	60	60	60	60	
Real Surface	21,92	23,85	25,35	27,05	29,29	31,80	m ²
Real Wingspan	11,18	11,66	12,02	12,42	12,92	13,47	m
Real A/R	5,70	5,70	5,70	5,70	5,70	5,70	
Projected Surface	19,05	20,73	22,03	23,51	25,46	27,63	m ²
Projected Wingspan	9,10	9,50	9,79	10,11	10,52	10,96	m
Projected A/R	4,35	4,35	4,35	4,35	4,35	4,35	
Line Diameter	Dyneema PPSLS 1.05 - 1.2 - 1.58 / Cousin Vectran® 0.6 - 0.9 / Cousin Technora 2.1						mm
Heigh	721	750	772	796	826	859	cm
Maximum Profile	245	255	263	272	283	295	cm
Minimum Profile	50	52	54	56	58	60	cm
Weight	4,5	4,9	5,2	5,5	5,9	6,4	kg
Take Off Weight	65-80	75-90	85-100	95-110	105-125	120-140	kg
Certification	Load	B	B	B	(B)	Load	LTF / EN

Loading

Materials

SOL Paragliders always employs the materials under extremely strict evaluation considering durability, resistance and stability. The Sycross 2 is built of the best mix of materials. Its WTX 29g / 40g fabrics in synergy with PPSLS and Vectran® lines allows us to offer a 3-years guarantee.

Top	WTX 40 PU + Silicon 40 gr/sm - WTX 29 PU + Silicon 29 gr/sm
Bottom	WTX 40 PU + Silicon 40 gr/sm - WTX 29 PU + Silicon 29 gr/sm
Profiles	Pro-Nyl High Tenacity Nylon rip-stop Hard finish 36 gr/sm
Reinforcements	Nylon Maxfio Meada 2,5 mm
Lines	Liros Dyneema PPSLS 125 - 180 - 260 / Cousin Vectran® 12100 - 12240 / Cousin Technora 988
Carabiners	Ansung Precision 15 mm. 800 kg
Risers	Polyester Venus 15 mm. 1.600 kg
Pulleys	Nylon Sol 12 mm / ISR 16 mm ball bearing



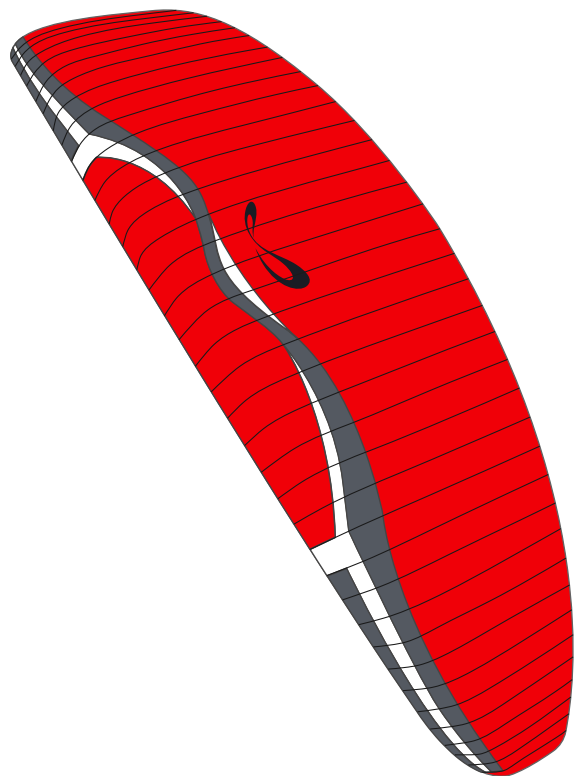




Colors

Red

TOP

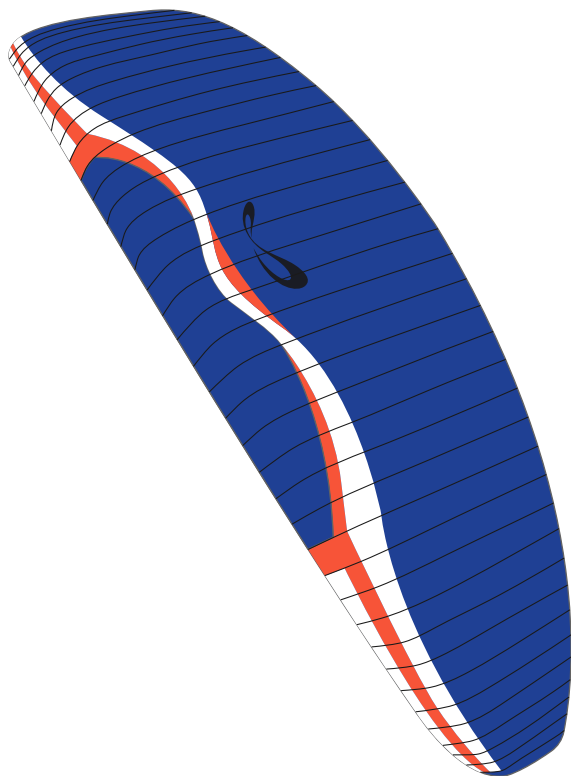


BOTTOM



Blue

TOP

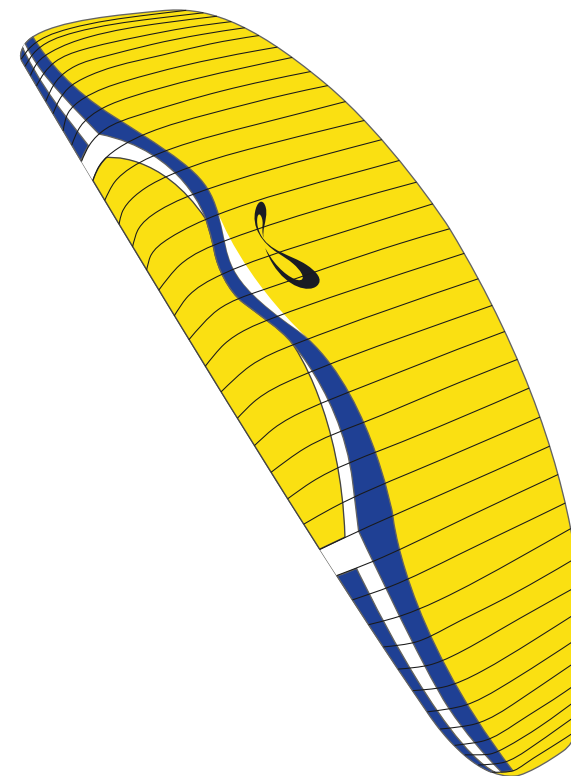


BOTTOM



Yellow

TOP



BOTTOM



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contact

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