



G I N

## Sprint X-Alps Manual – in addition to the Sprint Manual



Please read this manual prior to your first flight with the Sprint X-Alps.

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## Sprint X-Alps manual in addition to the Sprint manual

Thank you for buying the Sprint X-Alps and flying with Gin Gliders

The Sprint X-Alps is the lightweight version of the Sprint, with new light materials, made for the pilots who like to travel with their flying gears and looking for compact equipment.

The user must be read carefully before flying the Sprint X-Alps. The Sprint X-Alps has very similar flying characteristics to the Sprint. GIN Gliders have achieved great savings in the weight of the Sprint X-Alps in comparison with the Sprint.

### Warning

This glider and its light bag (plus the light harness and the light rescue, delivered as an option) is made from special materials in order to reduce the weight of the glider.

These special light materials (fabric, lines, risers, webbing etc) are more susceptible to ageing than regular materials, even though their strength is more than sufficient.

For this reason, we ask that you:

- have your Sprint X-Alps fully inspected by an authorized GIN agent every 2years or after each 100 hours of flight, whichever is the sooner.
- It is not certified for any aerobatic practice, towing, paramotoring. For extreme manoeuvres to lose altitude, such as very deep spirals, big ears, please practice them with caution. Only use "altitude-losing manoeuvres" when absolutely necessary. They will cause the material of your Sprint X-Alps to age more rapidly.
- take special care of this wing not only during it's use, but also in it's packing and storage. Be careful during ground handling at the take-off site, do not pack it too tightly when you are not climbing with it, and let it dry in the shade after each flight before final packing (the material of Sprint X-Alps hates moisture and humidity).

# Technical Specifications

## Technical Data

SIZE		XXS	XS	S	M	L
FLAT	AREA	21.87m	23.35m	25.0m <sup>2</sup>	27.0m <sup>2</sup>	29.20m <sup>2</sup>
	SPAN	10.84	11.19m	11.59m	12.04m	12.52m
	A.R	5.37	5.37	5.37	5.37	5.37
PROJECTED	AREA	18.6m <sup>2</sup>	19.88m <sup>2</sup>	21.28m <sup>2</sup>	22.98m <sup>2</sup>	24.86m <sup>2</sup>
	SPAN	8.49m	8.77m	9.07m	9.43m	9.81m
	A.R	3.87	3.87	3.87	3.87	3.87
CELL NUMBER		53	53	53	53	53
GLIDER WEIGHT	Sprint	5.7 kg	6.0kg	6.3kg	6.5kg	7.1kg
	Sprint X-Alps	4.7kg	4.9kg	5.2kg	5.6kg	5.9kg
CERTIFIED WEIGHT IN FLIGHT		55~73kg	68~87kg	80~100kg	90~110kg	105~130kg
OPTIMUM WEIGHT IN FLIGHT		60-70kg	70-83kg	83-95kg	95-107kg	107-125kg
EN		B	B	B	B	B
LTF		1-2	1-2	1-2	1-2	1-2

## Materials

Model		Sprint	Sprint X-Alps
Fabric of Canopy	Top	Skytex 9017 E77A/E38A	Skytex 9017 E77A/E68A
	Bottom	Skytex 9017 E38A	Skytex 9017E68A, F70000E71A
	Profile	Dominico Tex 3RS FM	Skytex 9017 E29A/E68A
	Diagonal	Dominico Tex 3RS FM	Skytex 9017 E68A
	Reinforcement	Skytex P260	Skytex F06382 X20
	Bridle	Nylon HBT 13mm	Nylon 12mm
Suspension Line		Gingliders TGL 80/140/180/220	Lilos DSL70, PPSL120/160/200/275
Riser		Guth Polyester 20mm	Cousin Kevlar 12mm
Maillons		Subo tec Stainless Steel 4.3Ø	Peguet Stainless steel 3.0Ø
Thread		HT Polyester Yarn 150D/3, 225D/3	HT Polyester Yarn 150D/3, 225D/3