



### **SIGMA 8 – Discover free riding**

As a top-performance intermediate with a high fun-factor the SIGMA 8 is the definitive Cross Country Free Rider: sportiness and dynamic handling paired with performance, enriched with the latest technology, reduced to minimum weight. This wing is just waiting to take you on new flying adventures, to leave your well-worn paths and investigate some fresh countryside.

### **Uncompromising 3-Liner**

The SIGMA 8 is a true three liner with much less drag and the best possible compromise of performance/handling and aspect ratio. The noticeable balanced pitching quality allows the glider to operate at a glide ratio of 10 and a top speed of 55 km/h even in turbulent air. The reduction to 3 line levels also means that the SIGMA 8 can be more easily and efficiently accelerated.

### **High fun factor**

The origin of the lively-sporty handling lies in ideal lift distribution combined with the specially selected new profile. This also makes the SIGMA 8 behave more quietly in pitch and roll as well as providing nicer turning and improved circling. The result is more direct and precise manoeuvring in all dimensions.

### **Newest technology included**

The inside of the SIGMA 8 is evolutionary: an analysis of the structure with a focus on weight reduction and the inclusion of the latest technology such as Nylon wires make the SIGMA 8 the lightest of its class. The end result is knock-on benefits - less canopy inertia, therefore even better pitch control and ultimately more passive safety.

### **Other important details**

- Advanced hybrid line concept
- SPI and 2-Phase-Speed system
- ADVANCE Standards



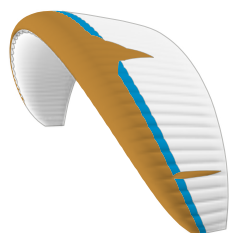
## Technical details

<b>SIGMA 8</b>		<b>23</b>	<b>25</b>	<b>27</b>	<b>29</b>
Flat surface	m <sup>2</sup>	22.50	25.00	27.00	29.00
Projected surface	m <sup>2</sup>	18.92	21.03	22.71	24.39
Span	m	11.63	12.25	12.75	13.21
Aspect ratio		6.0			
Take off weight <sup>2</sup>	kg	65 - 85	75 - 95	85 - 110	100 - 130
Glider weight	kg	5.3	5.6	5.9	6.3
Number of cells		61			
Number of risers		3			
Min. speed <sup>1</sup>	km/h	23 +/- 1			
Trim speed <sup>1</sup>	km/h	39 +/- 1			
Max. speed <sup>1</sup>	km/h	55 +/- 2			
Min. sink rate <sup>1</sup>	m/s	1.1 +/- 0.1			
Best glide <sup>1</sup>		10 +/- 0.2			
Certification		EN / LTF			

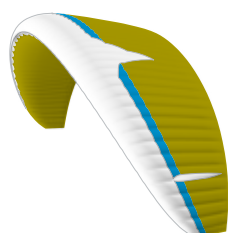
<sup>1</sup> Values depending on wing loading, harness/pilot and glider size

<sup>2</sup> Pilot, wing, equipment

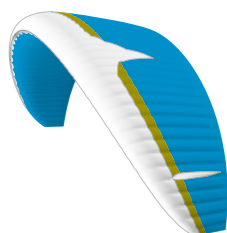
## Colours



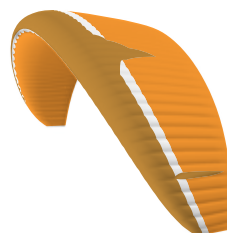
white



palm



azur



orange



grey