

Cocoon harness Matador Alpin

Matador Alpin is a cocoon harness made for thermal flying, cross-country and competition pilots who appreciate aerodynamic characteristics and extremely low weight of only 3,0kg.

Conception

The advanced seat shell of Matador Alpin makes it possible to use the harness either with or without seat board. An optional available carbon seat board respectively foot plate reduce the harness weight, even if you prefer to fly with seat board. Due to the belt lock system **with variable opening for the speed bag**, it is possible to easily get out of the speed bag during flight. The large protector unites safety purposes and aerodynamic quality. The harness geometry of Matador Alpin is especially laid out for cross-country and thermal flying.

Features

- Excellent seating comfort - either with or without seat board
- Serial honeycomb seat board and base plate
- Optionally available carbon seat board and foot plate save 410g weight
- Aerodynamic silhouette
- Very low weight of 3,6kg (size M)
- Ultra-light, aerodynamic and windproof speed bag
- Length and angle of speed bag individually adjustable
- Friction-reduced, double-stage accelerator slide
- Get-Up belt lock system with safety T-bar
- Newly developed rescue bridle made of Dyneema; strength 2.800 daN
- Prepared for application of a drinking system
- Long and thick foam protector reaching up the back
- Removable cockpit
- Various speed bag sizes available
- Speed bag available in size S, M, L

Technical data

Size	Medium	Large
body height	160 - 180 cm	170 - 195 cm
max. load	120 kg	120 kg
harness weight	3,4 kg	3,6 kg
harness weight carbon version	3,0 kg	3,2 kg
suspension height	47 cm	49 cm
seat board size (width/length)	30 cm x 30 cm	30 cm x 30 cm

The sizes given only are references, as the individually suitable size differs according to physique and personal preferences. There are 3 speed bag sizes available, which can be used for each of the two harness sizes.

	Material
fabric	Nylon 210
carrying straps	25 mm Polyester
leg and breast closures	Finsterwalder PL-Hook, AustriAlpin Cobra
carabiner	Finsterwalder Snap Lock
idle pulley	AustriAlpin
seat board and foot plate	synthetic or optionally carbon

Questions & answers

For which purposes has Matador Alpin been designed?

Matador Alpin is made for ambitious pilots in thermal flying and in cross-country flying as well as competitors, who appreciate high seating comfort, ideal aerodynamic characteristics, **lowest equipment weight** and extremely low packed measure.

Is the speed system of Matador Alpin easy to handle?

The speed system of Matador Alpin is attached to the speed bag by a rubber band. Thus it always is in the right position and easy to get hold of.

Has the protector's impact been reduced for the aerodynamic silhouette of Matador Alpin?

No. Matador Alpin comes with a 17cm foam protector reaching up the back. The deceleration values achieved at certification tests with Matador Alpin are pretty good!

Matador Alpin comes with a Get-Up system (combined leg and chest loops). Isn't that uncomfortable for men during take-off and landing?

No! We have taken utmost care about that topic and designed it to be absolutely comfortable to wear. During take-off and landing the leg loops adhere closely to the thighs due to their well-thoughtout positioning. Additionally the leg belts are covered with soft neoprene.

Can I integrate my rescue parachute into the provided deployment bag with release handle?

Yes. The deployment bag meets the current LTF requirements, thus is compatible with all common rescue systems (annular and cruciform parachutes).

Does it affect the foam protector's impact, if I fold up Matador Alpin densely?

No. Even if you fold the harness densely in order to pack it into a pack sack, the foam is going to unfold itself quickly within seconds. Only at very low temperatures it might take a bit longer to unfold properly.

If you don't use Matador Alpin for a long period of time, it is advisable to store the harness unfolded and not to leave it in your pack sack.

