

PRION  
3

NOVA

product presentation  
PRION 3



PRION  
3

## PRION 3 – hungry for adventure

Enjoyment through innovation: the PRION 3 offers up-to-date features combined with an intelligent material mix, which substantially reduces the canopy weight. The result is a wing that excites with its agile handling, but which you can trust completely. Have your adventures on the PRION 3!



PRION  
3



## More paraglider

The PRION 3 is full of features which make it very safe but it also has lots of performance. Whether you are doing top-to-bottoms, crossing valleys or attempting FAI triangles - the PRION 3 is simple to fly and convinces with its playful handling and impressive performance. There are no limits to your adventures.

PRION  
3



## Light and progressive

Less weight, same durability: the PRION 3 is a weight-optimised wing that is also tough. The outer shell is made of robust material but the glider weight is reduced through lightweight materials and innovative structural design inside the wing. The result is a wing that is light to carry, easy to launch but still tough and durable.



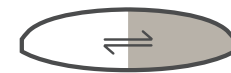
**WEIGHT  
OPTIMISED**

PRION  
3



## Simple and safe

Like its predecessors, the PRION 3 is brilliantly simple: few lines means easy sorting. The low aspect ratio of 4.7 means a high degree of passive safety. The handling is agile and also balanced, which helps pilots during all phases of a flight. Other safety features are the thoughtfully designed riser and adjustable brake handles.



LOW ASPECT  
RATIO



THREE  
LINER



## Features

The risers are differentiated by colours: red (left) and green (right). This colour scheme is also used in the NOVA ALTUS, our innovative all-round harness. This helps to avoid clipping in the wrong way.

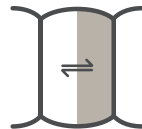
The PRION 3 is fitted with an **Adjustable Handle** as standard. This is an innovative brake handle, which can be individually adjusted to the pilot's hand and this makes it easier to hold in the correct position. The **Adjustable Handle** was developed in collaboration with the DHV.

The risers and lines follow the PMA recommended colour scheme:  
A = red, B = yellow, C = blue, brake = orange, stabilo line = green.

## PRION 3 technology

### Optimised cell widths.

Smart Cells counteract the variable force distribution within the wing that are caused by the line attachments. In NOVA paragliders constructed using Smart Cells, the cell widths have been adapted to the load - basically, intelligent cells. Wings with Smart Cells fly more calmly, are more compact and glide better.



**SMART  
CELLS**

### Light and durable.

Paragliders in the Weight-optimised category are lighter than conventional paragliders - but offer the same mechanical stability and durability. These wings are lighter to carry, easier to launch and are therefore suitable for hike & fly. Weight-optimised is aimed at pilots who appreciate light weight without compromising on durability.



**WEIGHT  
OPTIMISED**

### Flat profile nose.

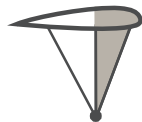
Anyone who tries to fold a piece of paper around a ball will notice that there are always creases. The nose profile of a paraglider is the same - the sail cloth has to adjust to both the profile and ballooning effect (cells are round, not straight). Double 3D Shaping uses additional seams to reduce creasing and therefore increases the performance of the wing.



**DOUBLE 3D  
SHAPING**

### Less is more.

Our idea of a three-liner with a reduced amount of line length allows us to construct wings with very good performance and a high degree of passive safety. The way we have conceptualised the lines has made it possible to manufacture wings which are collapse resistant; but when they do collapse, the collapsed area is generally less extensive. This significantly improves the wing's extreme flight behaviour.



**THREE  
LINER**

### Comfort on the ground.

All NOVA paragliders are made to be easy to use. For packing you can use a concertina bag, but it is not essential. Our extensive experience with rods has taught us that the packing method has little influence on the durability of the wing. Bent rods quickly spring back into their original shape.



**EASY  
PACKING**

### More compact.

The aspect ratio of a glider is not the only factor in passive safety, but still a very important one. A high aspect ratio favours cravats after asymmetric collapses, generally shortens brake travel and normally makes wings more difficult to fly. Nova's analytical tools permit us to build performance wings even with a low or moderate aspect ratio.



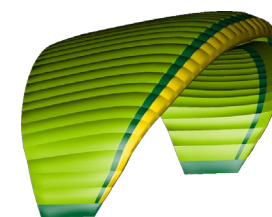
**LOW ASPECT  
RATIO**



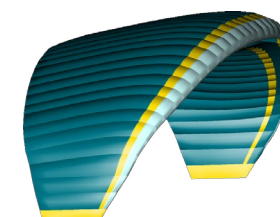
## Technical data

TYP		XS	S	M	L
Number of cells	m	39	39	39	39
Projected span	m	7,98	8,49	8,98	9,45
Projected area	m <sup>2</sup>	19,24	21,81	24,38	27,98
Projected aspect ratio		3,3	3,3	3,3	3,3
Flat span	m	10,25	10,91	11,54	12,14
Flat area	m <sup>2</sup>	22,54	25,54	28,55	31,61
Flat aspect ratio		4,66	4,66	4,66	4,66
Line diameter	mm	1 / 1.4 / 1.85			
Line length	m	6,12	6,52	6,89	7,25
Total line length	m	213	226	240	252
Max. chord	m	2,73	2,91	3,08	3,24
Min. chord	m	0,76	0,81	0,85	0,90
Weight	kg	4,7	5,00	5,40	5,70
Recommended take off weight*	kg	60 - 85	75 - 100	90 - 110	100 - 130
Certification (EN/LTF)		A	A	A	A
		(t.b.d)			

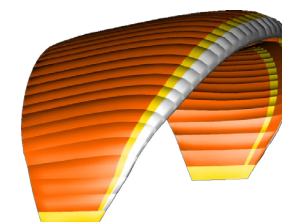
## Colours



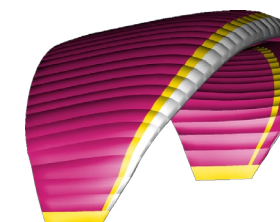
- Lime



- Petrol



- Orange



- Pinky

\*) Pilot incl. equipment and wing | Subject to change without notice





Every NOVA paraglider comes with a big package of extra services and guarantees.  
When you buy the wing you get more than just the product.



