

IBEX
3

NOVA

product presentation
IBEX 3



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IBEX 3 – By mountaineers, for mountaineers

Lightweight, high performing, uncomplicated: the IBEX 3 is an ultralight wing (from 2.5kg) made by mountaineers for mountaineers. The IBEX 3 XXS is aimed at pilots who appreciate a small wing with a lot of performance; the IBEX 3 XS and S are fully-fledged thermalling wings (EN/LTF A).

NOVA

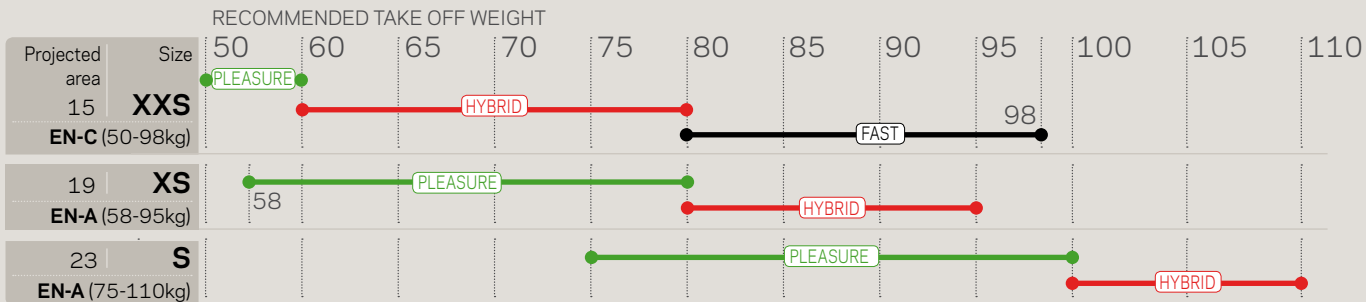


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Impressive performance/weight ratio

Either light or high performing – we were not prepared to settle for this compromise.

The IBEX 3 offers both: very lightweight, combined with the performance you would expect from a NOVA wing. The IBEX 3 sets the glide performance standard in the ultralight class. This means the IBEX 3 is a fully-fledged paraglider, which impresses both in performance and in its agile handling.



PLEASURE - for recreational pilots

HYBRID - more speed and good in thermals

FAST - perfect for those who value speed as well as good glide ratio

One wing, three uses

IBEX 1 and 2 were primarily aimed at those looking for a small, light paraglider. The IBEX 3 continues this tradition and offers a lot more: the XXS continues to be a small wing with lots of performance; XS and S (depending on wing loading) are fully-fledged paragliders which climb in thermals and make easy work of gliding. In-between is the hybrid zone. More info on this in the weight-range section. The IBEX 3 caters for a multitude of requirements.



Maximum simplicity

Rough, alpine terrain is incompatible with complicated design concepts. Therefore the IBEX 3 has been made easy to use: the few lines are quick to sort; the mechanically loaded leading edge on the top surface is made of abrasion-resistant 20D cloth; the launch and flying characteristic are incredibly uncomplicated. This makes the IBEX 3 a wing that can be trusted in all eventualities.

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Compression Bag

Every IBEX 3 comes with an innovative Compression Bag. This reduces the volume of the packed wing, protects it from moisture and means it is packed flat, which makes it easier to carry. Pack the wing as small as possible, place it in the Compression Bag, squeeze out the air, close the bag and use the valve to release the remaining air.

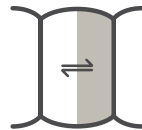
The Compression Bag also protects the wing from body sweat, which can harm the coating of the cloth. It is also water proof, which is a valuable feature when undertaking vol bivouac tours.

Please don't store the wing in the compression bag permanently. For this purpose we provide the conventional pack sack which is also included with the IBEX 3.

IBEX 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 as a feather and robust.

Very light but still durable: Light weight NOVA wings weigh little but are still robust enough to withstand the hard conditions of the mountains. The profiles are made out of durable cloth, so that this highly-stressed component does not deform - like it can with ultra-light material. This means we are able to guarantee consistent flying characteristics.



LIGHT WEIGHT

Flat profile nose.

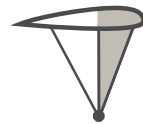
Anyone who tries to fold a piece of paper around a ball will notice that there are always creases. The nose profile of a paraglider is the same - the sail cloth has to adjust to both the profile and ballooning effect (cells are round, not straight). Double 3D Shaping uses additional seams to reduce creasing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

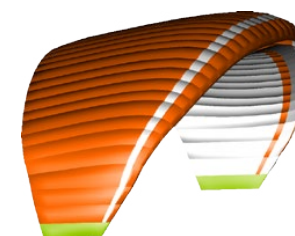


Technical data

TYP		XXS	XS	S
Number of cells	m	39	39	39
Projected span	m	7,19	8,12	8,87
Projected area	m ²	15,2	19,4	23,2
Projected aspect ratio		3,39	3,39	3,39
Flat span	m	9,11	10,28	11,23
Flat area	m ²	17,7	22,6	26,9
Flat aspect ratio		4,68	4,68	4,68
Line diameter	mm	1 / 1,4 / 1,85		
Line length	m	5,42	6,13	6,69
Total line length	m	187	212	232
Max. chord	m	2,42	2,74	2,99
Min. chord	m	0,67	0,76	0,83
Weight	kg	2,5	3	3,5
Recommended take off weight*	kg	50-98	58-95	75-110
Certification (EN/LTF)		C	A	A

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

Colour



Orange



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IBEX 3 - The performance featherweight

»Early morning my alarm clock is beeping. I set off for the Thaurer Jochspitze, the Mandls Spitze or the Wildangerspitze. I love it when the sun rises from the Tyrol Unterland over the mountain tops and bathes the pastures in a warm, red glow. I record these memories with my camera before I open the wing and glide into the valley to go to work. To me the IBEX is more than just a paraglider. It is the key to my passion - flying mountaineering.«

Philipp Medicus
Design & Development



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.

