



ADVANCE PI³

Product presentation

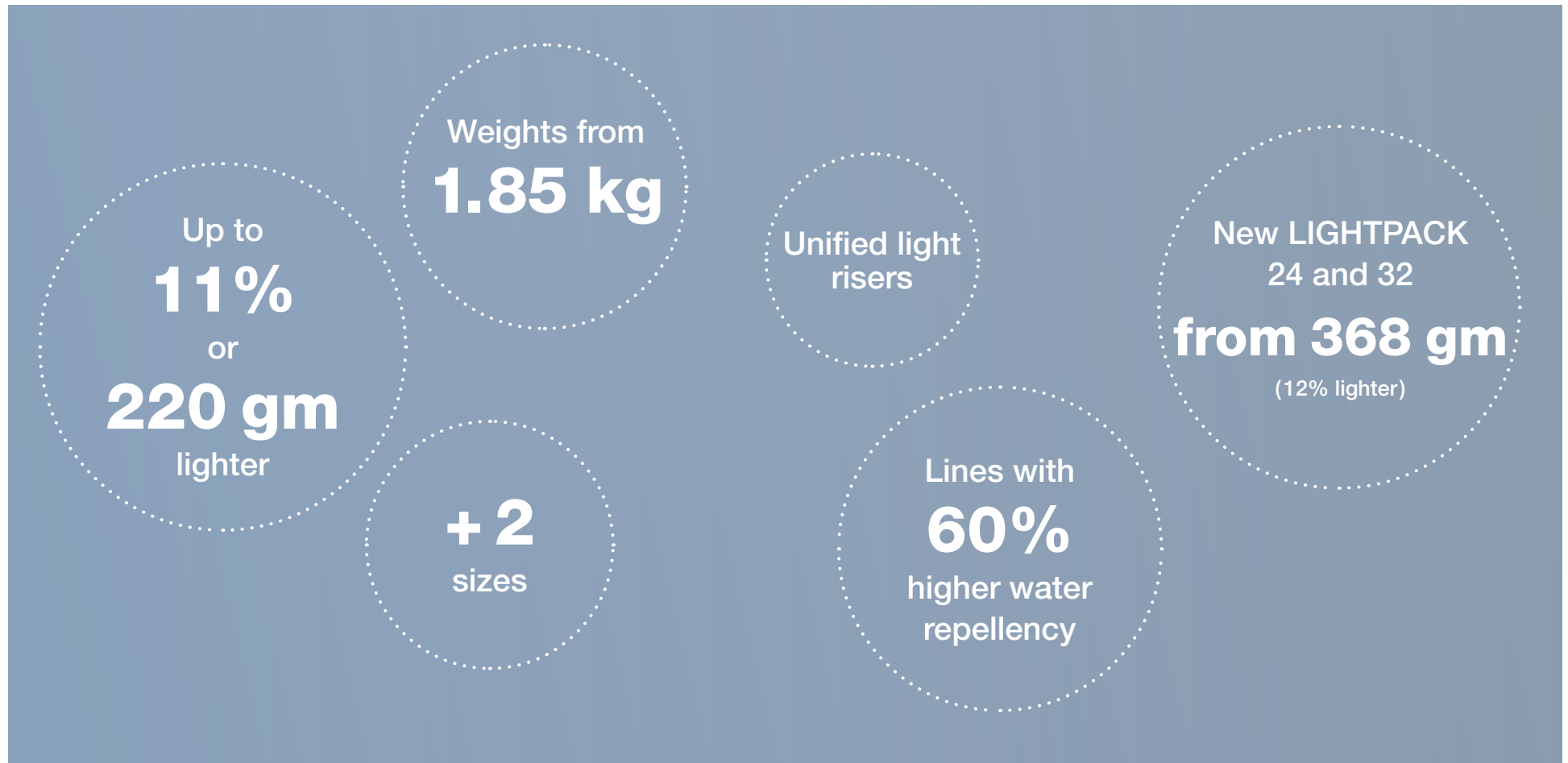
PI 3 – Light Versatility



For years the PI series has offered the best Hike & Fly package in terms of lightness in combination with a lot of performance and a definite fun factor. Originally conceived as a product to fulfil a specific demand, the PI series has become an established feature of our wing selection.

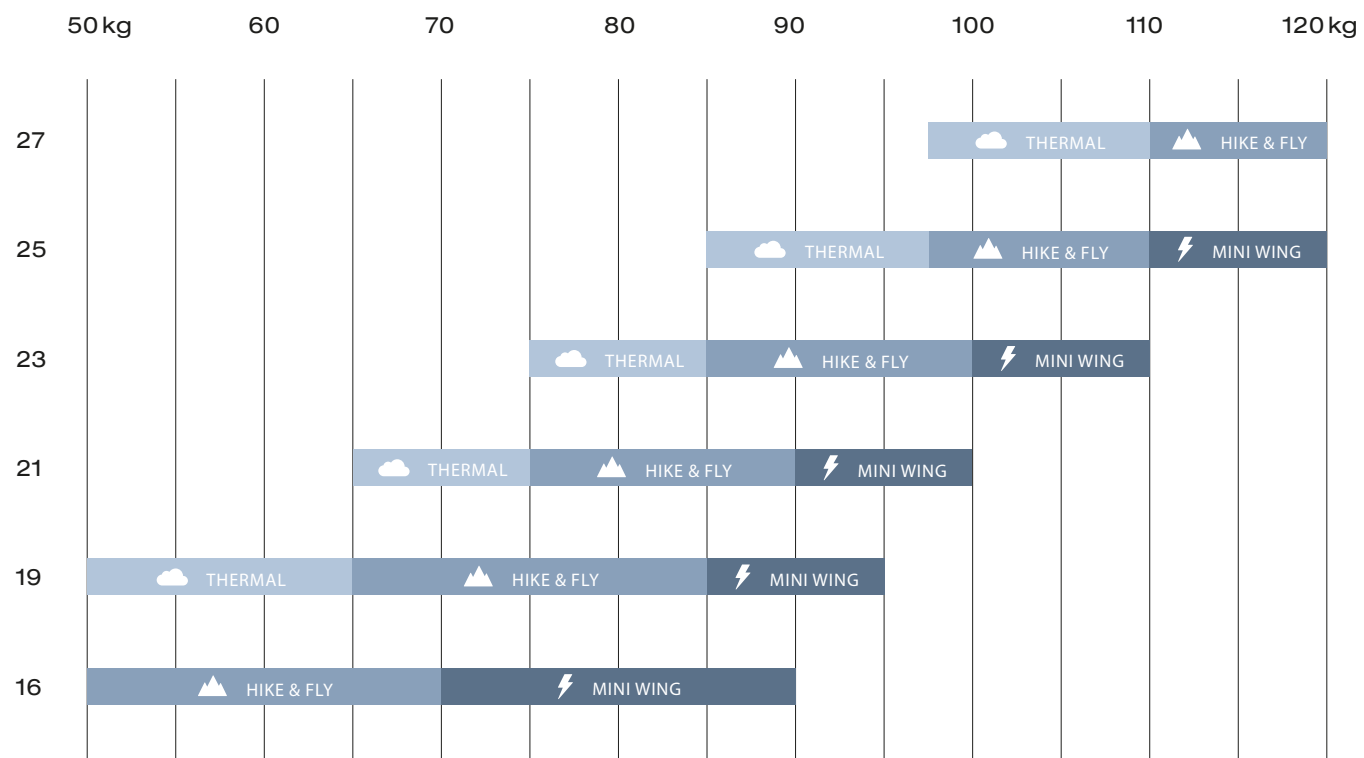
The “Light Versatility” motto will carry even higher significance in this third generation: there are two additional 21 and 25 sizes for the PI 3, and it is even lighter and more compact.

Compared with its predecessor





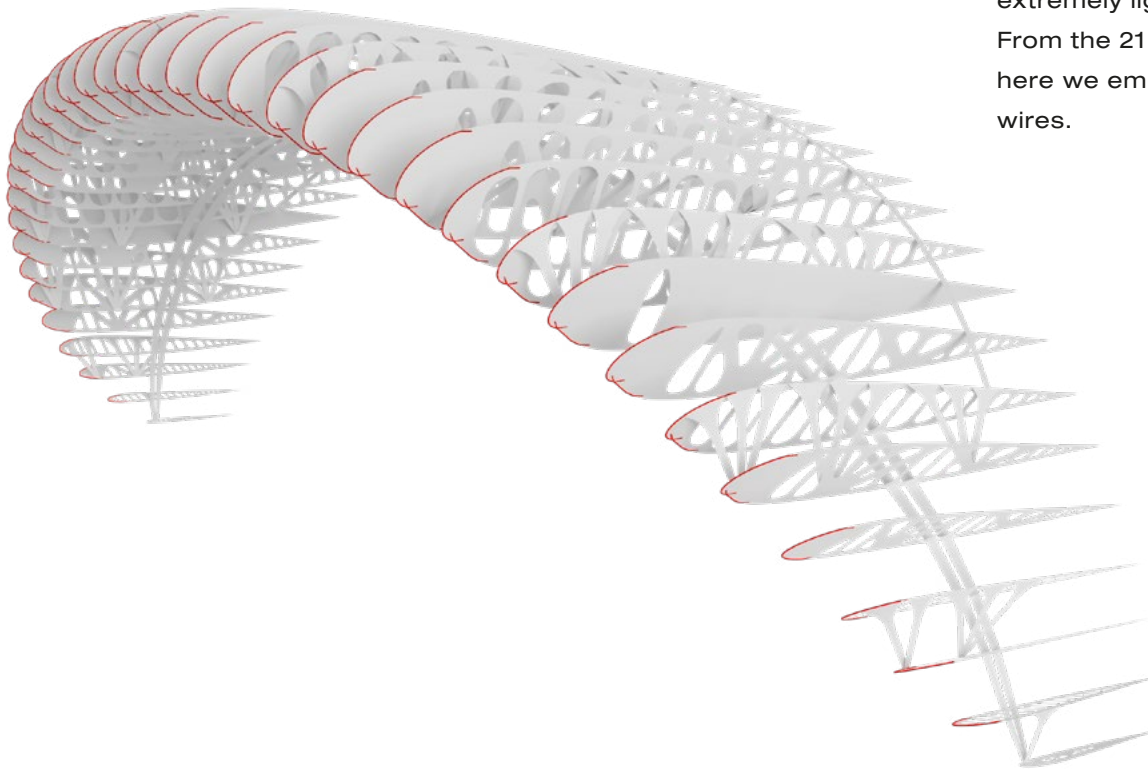
Individual uses



Depending on the wing loading the PI 3 fulfils the widest variety of pilot requirements. In the normal wing loading area of around 3.5 kg/m² it is ideal for thermaling; from 4 kg/m² the PI makes the perfect Hike & Fly wing and at 4.5 kg /m² and up we have a real action wing. The additional 21 and 25 sizes now enable every pilot to decide on exactly the PI 3 for one of three purposes: «Thermal», «Hike & Fly» or «Mini Wing».

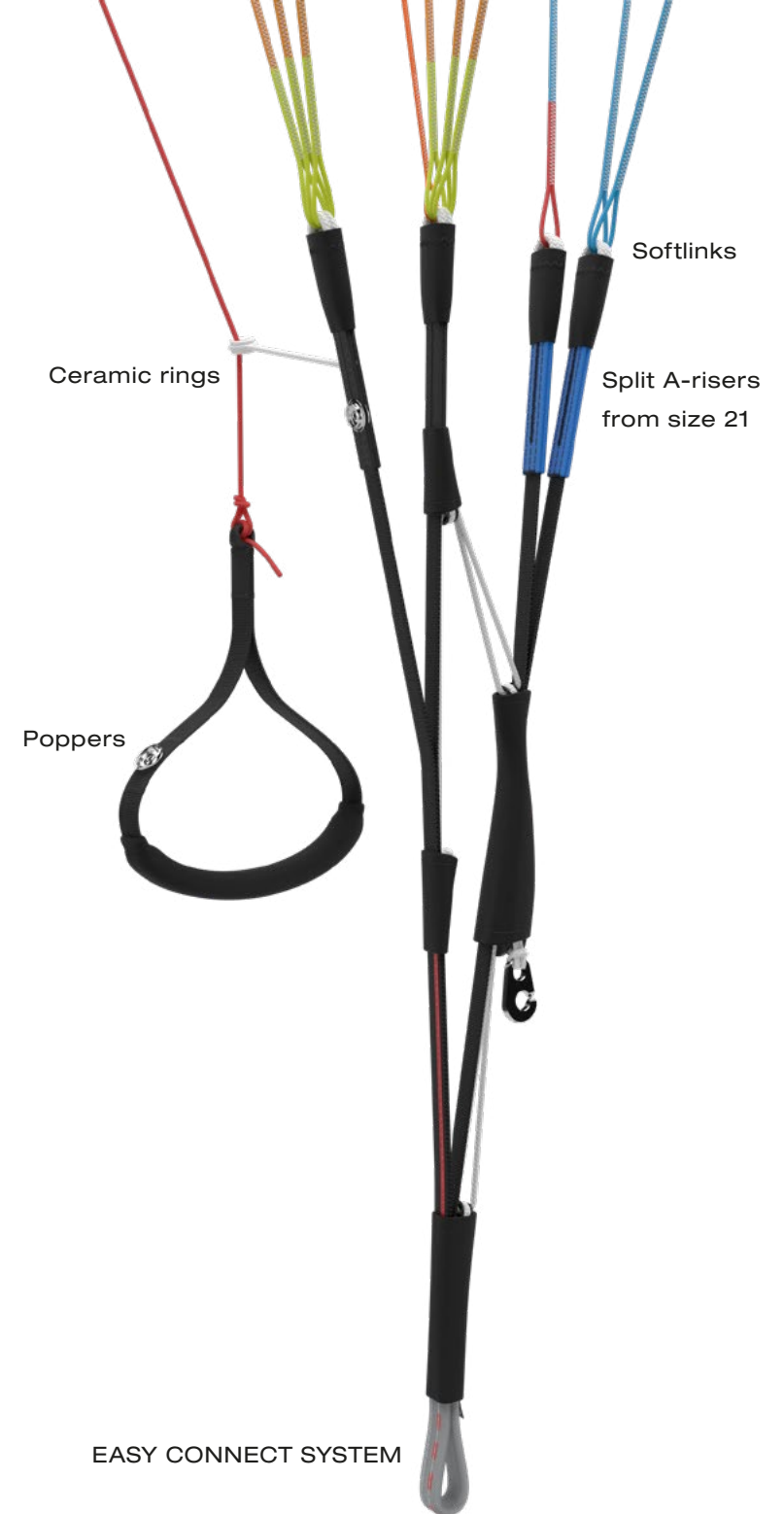
Different demands depending on size

The 16 and 19 sizes are more directed towards extreme Hike & Fly and Climb & Fly adventures – they have been uncompromisingly optimised for minimum weight and volume. Nitinol wires at the leading edge and extremely light Dominico 10D cloth make minimalistic weight a reality. From the 21 size the focus is more on ease of use and durability, and here we employ well-tried Porcher Skytex 27gm cloth and use Nylon wires.



New unified risers

The PI 3 has only one riser version; the advantages of the previous versions have been combined. This riser is extremely light but also easy to manage. 21 to 27 sizes have split A-risers for easy big ears: the smaller 16 and 19 do not have this function so save weight. Like all ADVANCE risers, all sizes have the popular and useful Easy Connect system.



The latest Edelrid Pro Dry lines

The PI 3 is the world's first paraglider to have Edelrid Pro Dry lines. Pro Dry is a further development of the very well-established 8000 Aramid line and has 60% higher water repellency. The line is extremely stable in length and demonstrates above average resistance to failure after long use. Something else new are the colours of this uncovered line, which better match traditional ADVANCE colour-coding, and make line sorting easier.

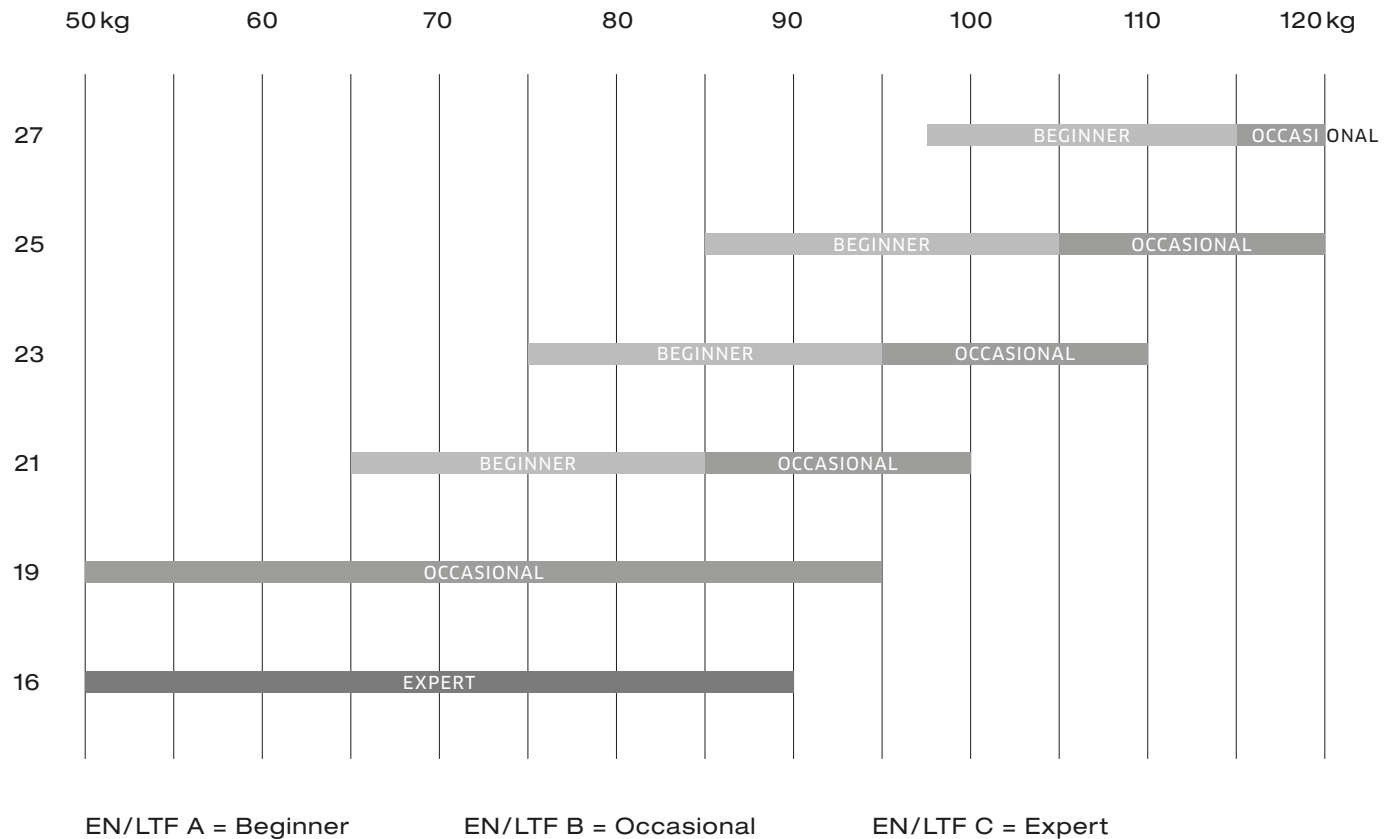


New LIGHTPACK



The new rucksack is part of the LIGHTPACK line and is available for the PI in two sizes: 24 Ltr (368 gm) and 32 Ltr (430 gm). It is even lighter and more effective than before. New breathable shoulder and hip straps of Ultra-Light-Mesh, a detachable helmet net and an ice axe holder put the finishing touches to this product. 16 and 19 sizes come with 24 Ltr bag, the others with the 32 Ltr version. As usual the rucksack order can be cancelled with a price reduction.

Pilot requirements



Higher wing loadings mean more demanding flight characteristics and handling. Small wings are basically more agile and demanding to fly, even when they are flown at normal wing loadings. Loading recommendations for Beginner, Recreational pilot and Expert are given in the table. A new feature is the fact that the PI 3 19 remains EN/LTF B certified over its entire weight range.

Delivery package



LIGHTPACK



COMPRESSBAG



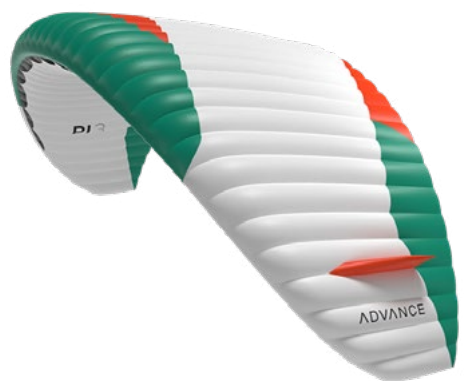
REPAIR KIT



WINDSOCK



Colours



White



Fire

Technical Data

PI 3		16	19	21	23	25	27
Flat surface	m ²	16.0	19.0	21.0	23.0	25	27.0
Projected surface	m ²	14.0	16.7	18.4	20.1	21.9	23.7
Recommended takeoff weight	kg	50-90	50-75	65-85	75-95	85-105	97-115
Increased takeoff weight	kg		75-95	85-100	95-110	105-120	115-120
Glider weight	kg	1.85	2.15	2.55	2.75	2.95	3.15
Aspect ratio		4.5	4.5	4.5	4.5	4.5	4.5
Projected aspect ratio		3.5	3.5	3.5	3.5	3.5	3.5
Flat span	m	8.5	9.3	9.8	10.2	10.7	11.1
Projected span	m	7.0	7.6	8.0	8.4	8.7	9.1
Certification Recommended takeoff weight		C	B	A	A	A	A
Certification increased takeoff weight			B	B	B	B	B
Number of cells		38	38	38	38	38	38
Number of risers		3	3	3+1	3+1	3+1	3+1
Accelerator travel max.	cm	11	11	11	13	13	13

Light Versatility

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