



ADVANCE IMPRESS⁴

Product presentation



Accessible Throne



New High-End harness for a wide variety of pilots

Fifteen years ago the IMPRESS series heralded a new era, and made reclining harnesses widely accessible to the public. We continue this tradition with the IMPRESS 4. It is the first comprehensive High-End cross country harness with an aerodynamically optimised rear spoiler, and will find its rightful place in any normal paraglider rucksack.

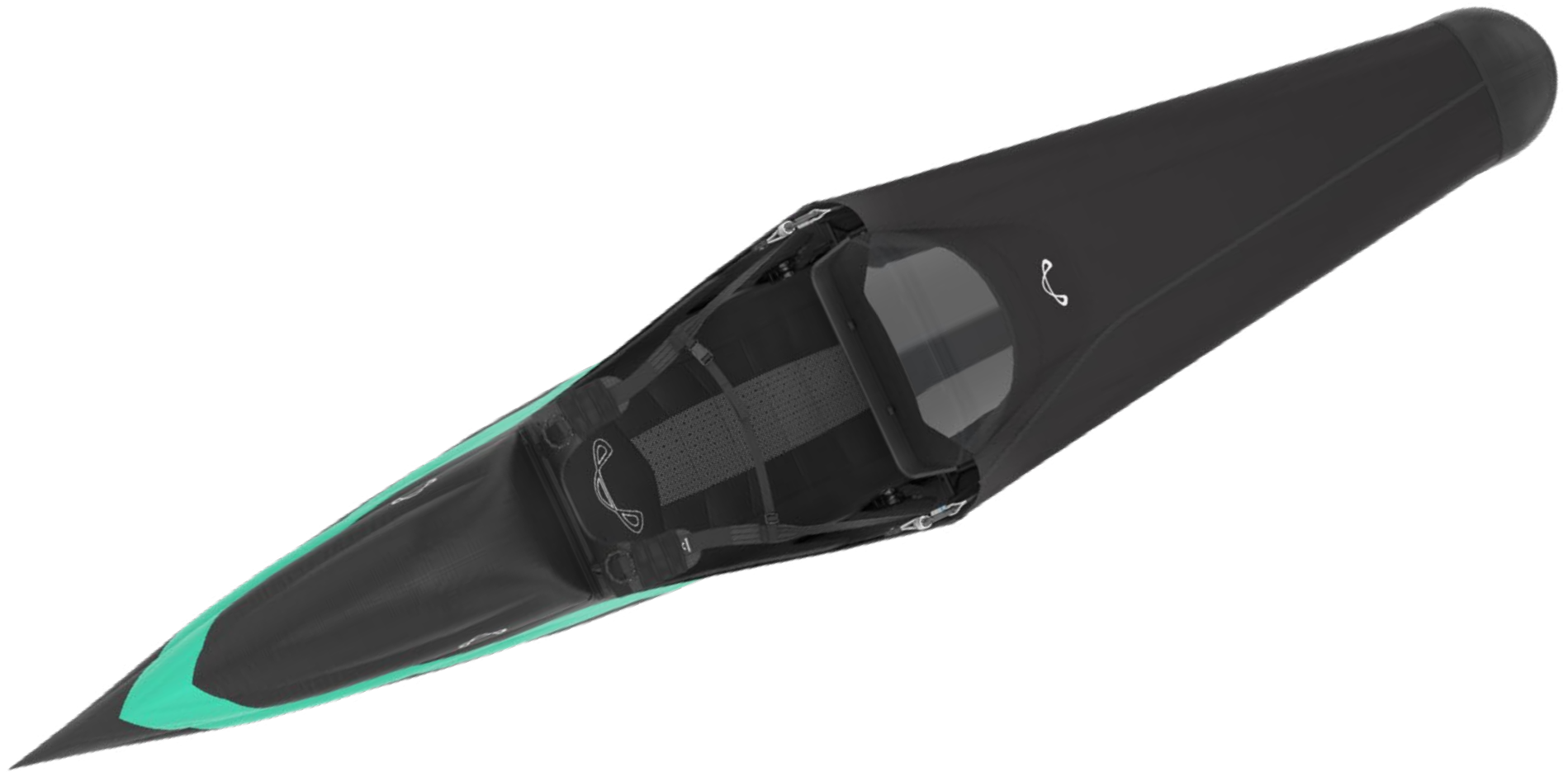
A High-End product, more compact and lighter than ever before – intended for the leisure cross country pilot right up to an XC champion.

Streamlined



Best possible aerodynamics

Perfect aerodynamics received our closest attention for this High-End harness. By means of CFD analysis in the virtual wind tunnel an optimal shape was derived, and by much reprocessing work the aerodynamic behaviour at airflow-relevant weak points was continually improved. Any protruding edges have been eliminated, the discontinuities of pockets internalised, the lower edge of the tail spoiler extended, its miniribs constructed with internal seams and even the carabiners are aerodynamically shielded. This work has produced a crease-free, streamlined silhouette for maximum performance.



Compact & Uncompromising



A place for it in any paraglider rucksack

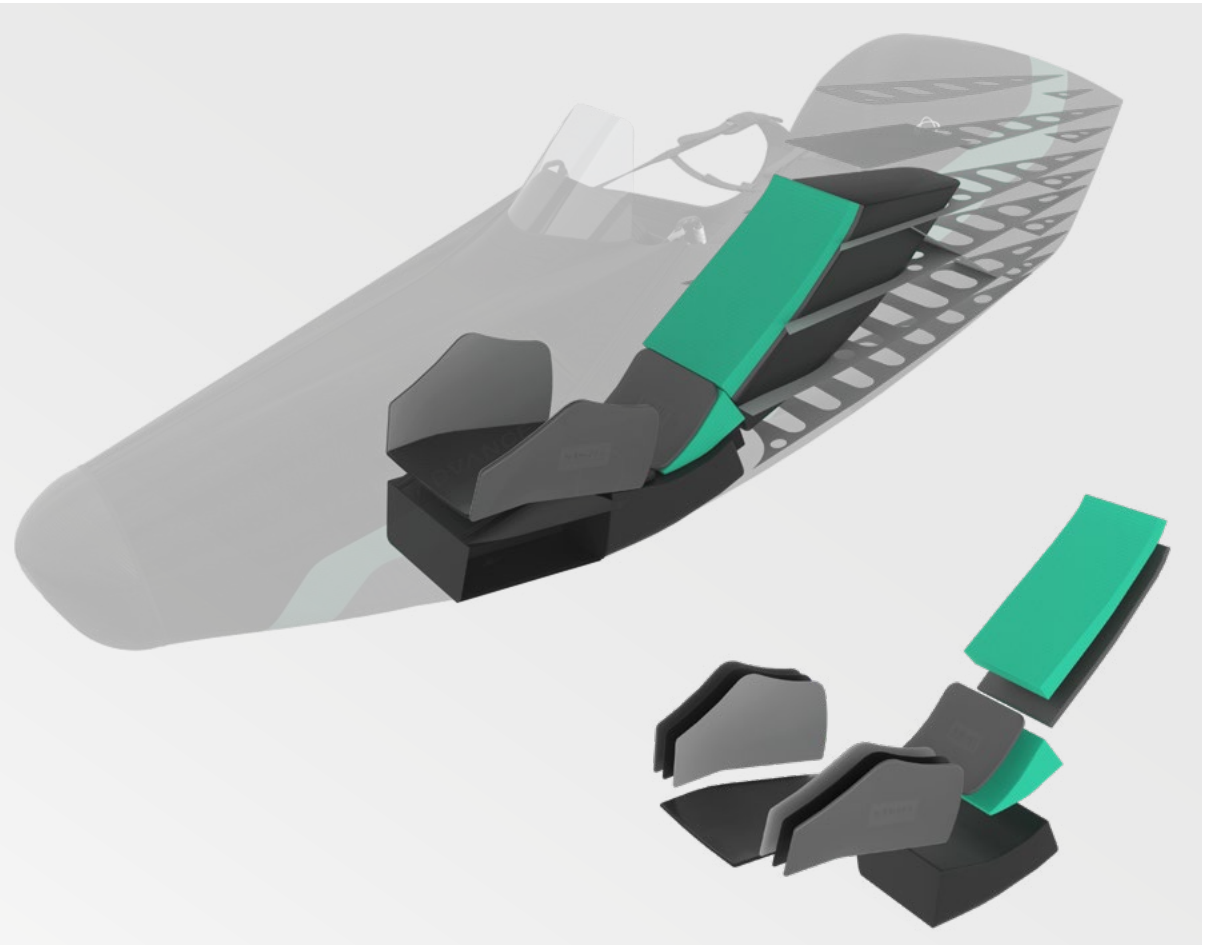
The especially compact IMPRESS 4 will fit in any normal paraglider rucksack – a new characteristic for a fully-operational cross country harness with a drag-reducing tail spoiler. A folding line across the back makes it convenient and easy to pack in the rucksack. Its light weight of 6 kg makes the IMPRESS 4 the lightest High-End harness – by far.

from 6 kg

Protected Comfort

All-round protection includes maximum comfort

More protection and comfort than ever: now the IMPRESS 4 pilot's body is completely surrounded by SAS-TEC components within the seat shell. These memory foam parts effectively protect against impacts and external hard objects and match themselves to an individual's personal ergonomics. A generous foam protector under the seat and Comfort-Foam in the back share the credit for both comfort and protection. Side impact resistance has been significantly improved, and SAS-TEC sandwich construction now provides an even more resistant feature. All these elements cooperate for best protection and comfort.

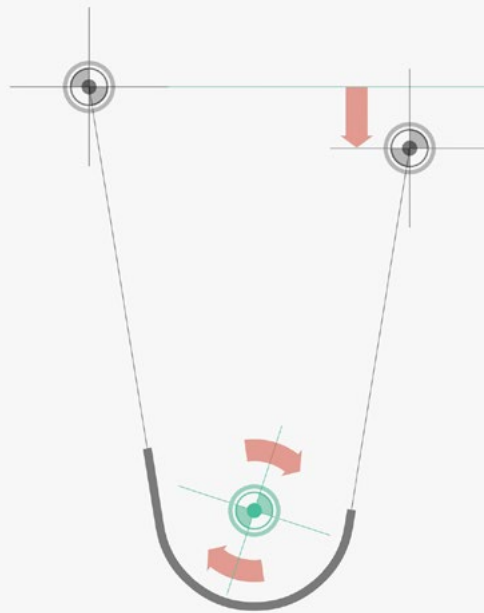


Convertible: Two in One

With or without a seatboard

The IMPRESS 4 succeeds in launching another revolution: it can be flown with or without its seatboard, with no additional restriction – and without having to change a setting or adjustment. With seatboard in place you experience that stiffer sports-suspension feeling: maximum tracking stability and direct feedback from the wing. When you remove the seatboard – simplicity itself – you can enjoy a comfortably damped Cruiser-Feeling and feel pleasantly enclosed in the all-encompassing seat shell. In terms of flight feeling the IMPRESS 4 can equally suggest professional athlete or Freeride-distance flyer.

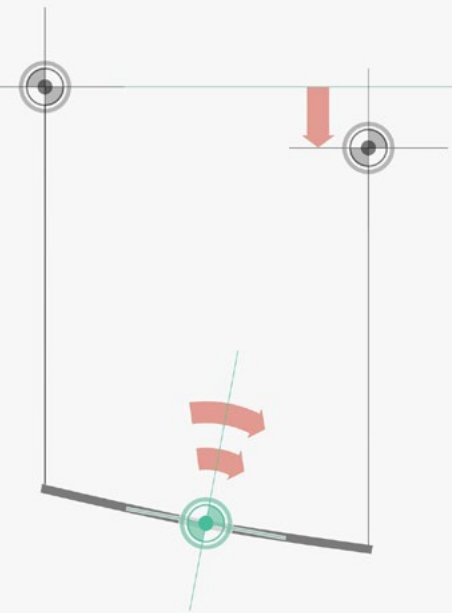
Without seatboard



Cruiser-Feeling

Damped comfort & all-encompassing seat surface

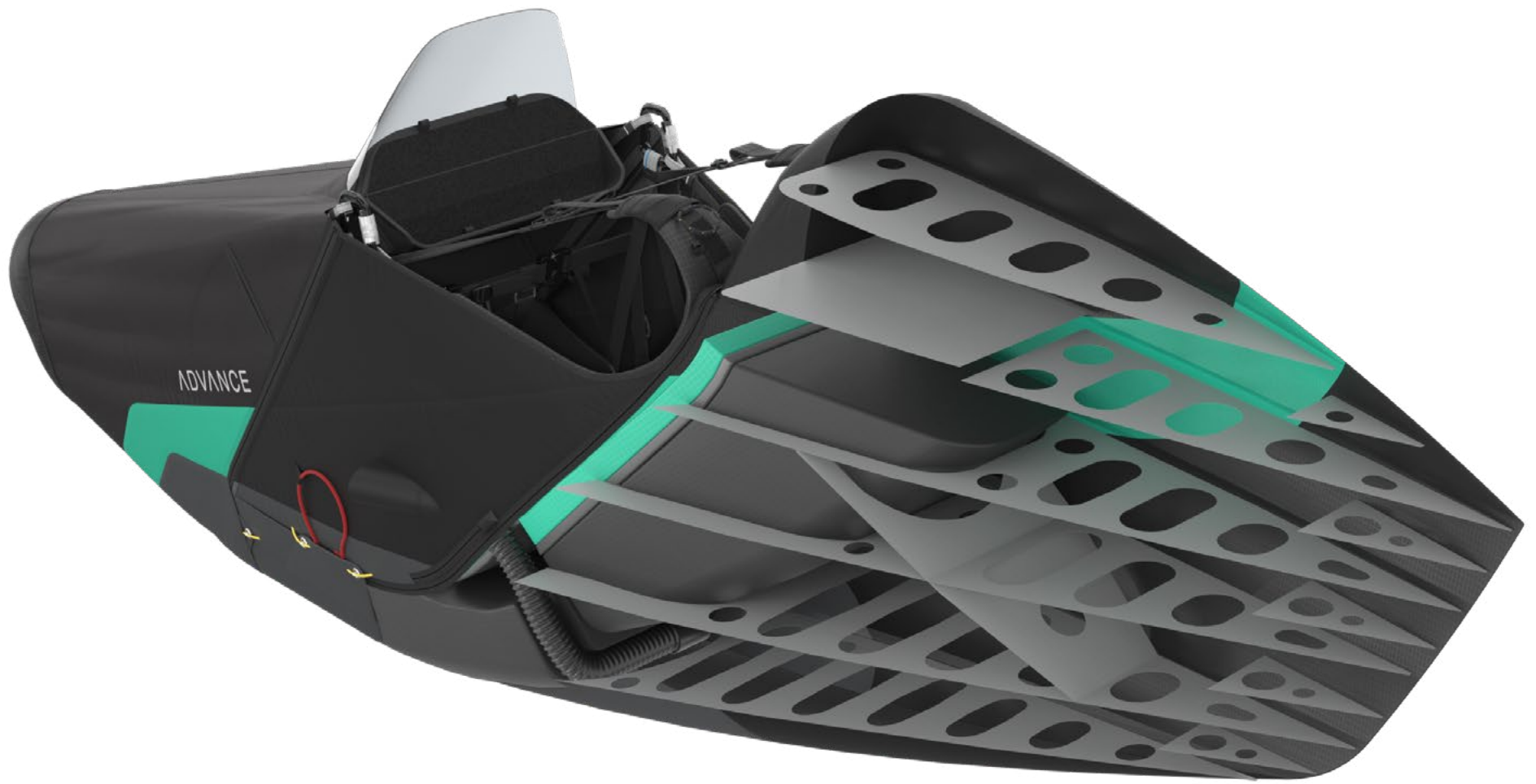
With seatboard



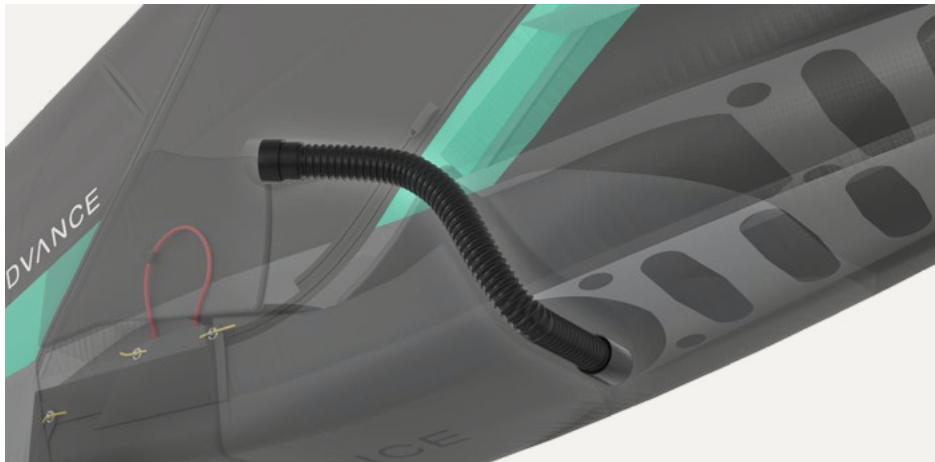
Sport-suspension feeling

Direct with good directional stability





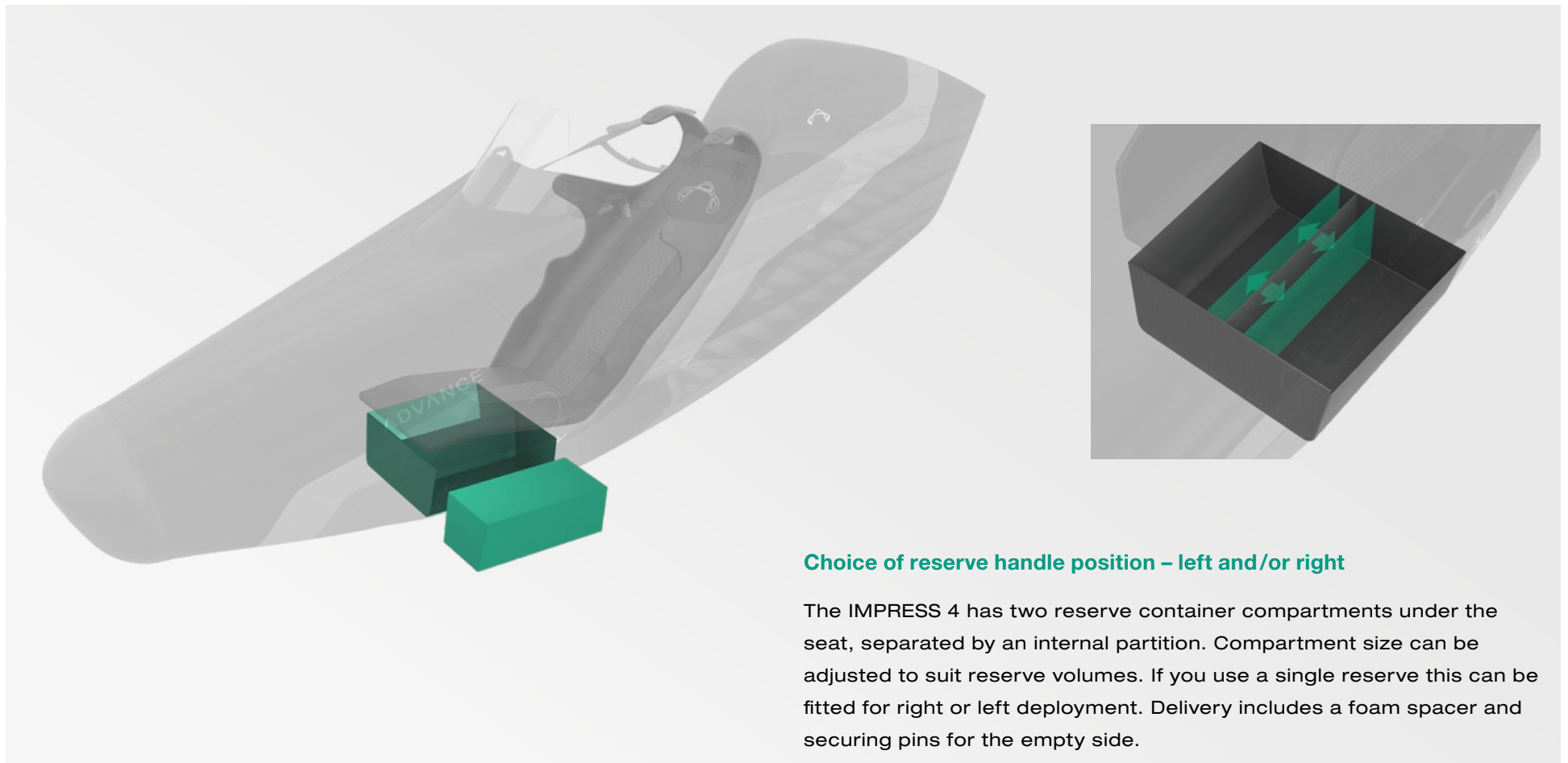
Optimized Internal Pressure



Stable shape, firmly inflated tail spoiler

Minimal air intake area and maximum internal pressure in the tail spoiler – a contradiction? Not for the IMPRESS 4, which has a single, side air intake of only 5 cm diameter to maintain a solidly inflated tail section. A non-return valve does not allow the spoiler to deform or empty, even under large changes of relative airflow. Air intake and non-return system were specifically developed to achieve this. The connection tube routing is completely protected within the spoiler.

2 Reserves: left, right or both



Windshield included



Windshield for even more flying comfort

The windshield reduces windchill and therefore a significant loss of body heat. Continuous wind noise on long transits – especially while accelerated – is reduced. This makes a great contribution to the achievement of long flights without excessive tiredness. The windshield is simple to attach and remove after flight.

Smart Cockpit



User-friendly Cockpit

The especially handy cockpit has a large easy-to-see instrument panel as well as several pockets. The main cockpit can be easily opened in flight – even with gloves. Several cable accesses lead to an external battery pocket. The instrument panel can be detached and instruments can be protected with a neoprene cover.

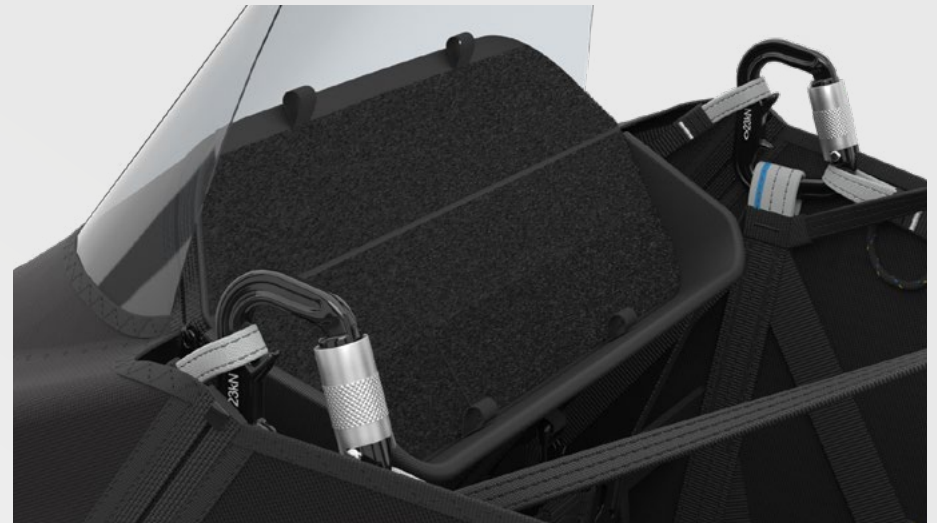
Speedbag Size Choice 3x3

Flexible choice of sizes

An important factor for both comfort in flight and the flawless silhouette of the IMPRESS 4 is a correct speedbag length. Flexible material means that a majority of pilots will find the speedbag corresponding to their harness size to be satisfactory. (S, M, L). But nature may have different ideas (e.g. long body/short legs or vice versa) so a speedbag of a different size to that of the harness can be ordered. In crossover areas (heights 165 cm – 172 cm and 178 cm – 183 cm) ADVANCE recommend that you try both adjacent speedbag sizes before deciding.



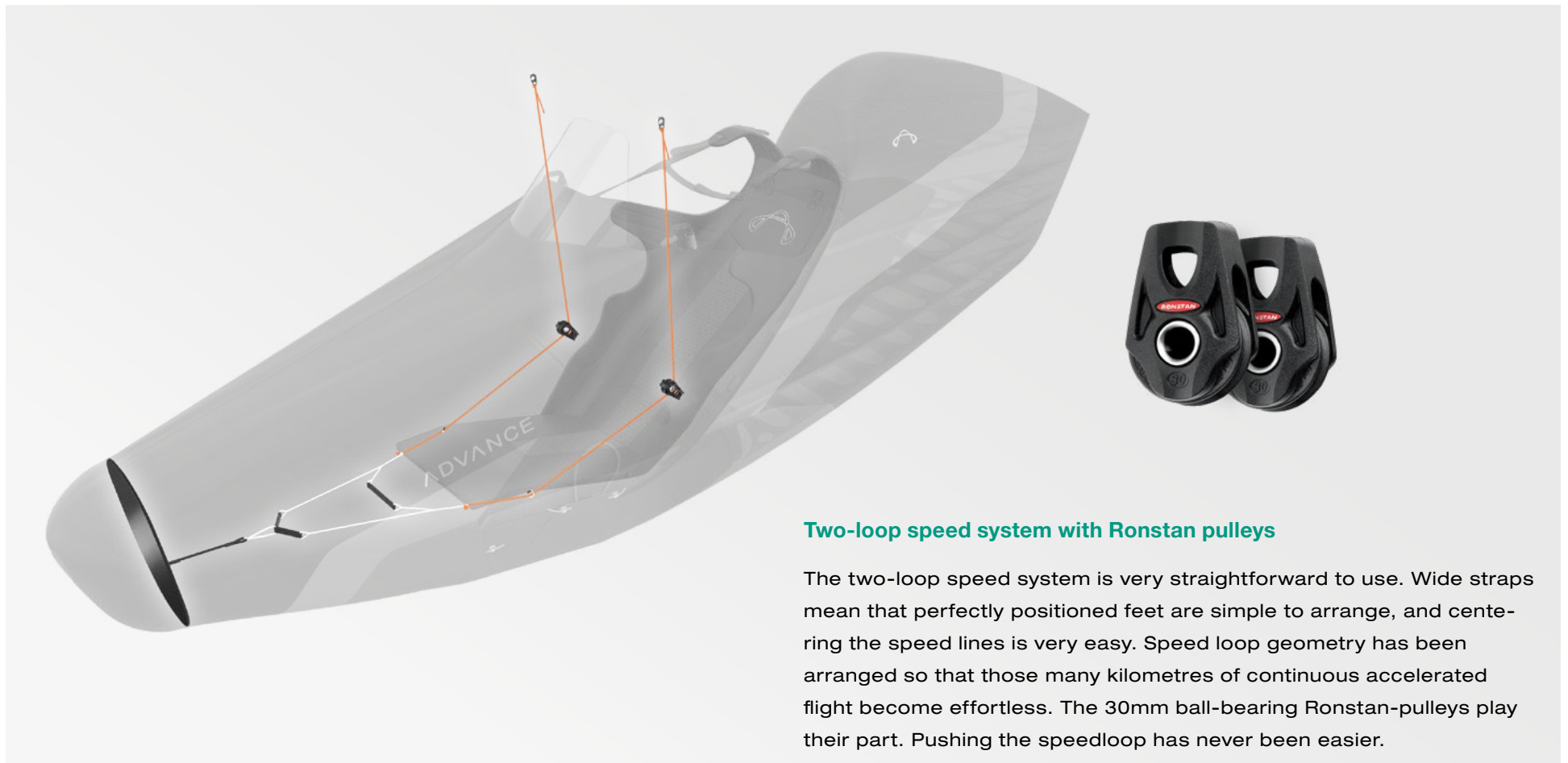
Customized Carabiner



Customised «Alias Speed» Carabiners

In cooperation with German hardware manufacturer Edelrid custom carabiners were developed specifically for the IMPRESS 4. These have an additional lug to locate the speedbag loops. This provides a higher speedbag bracing point, requiring less leg load to achieve a secure footplate feel. The main support system is also suitable for QuickOuts, and has Easy-Connect marks.

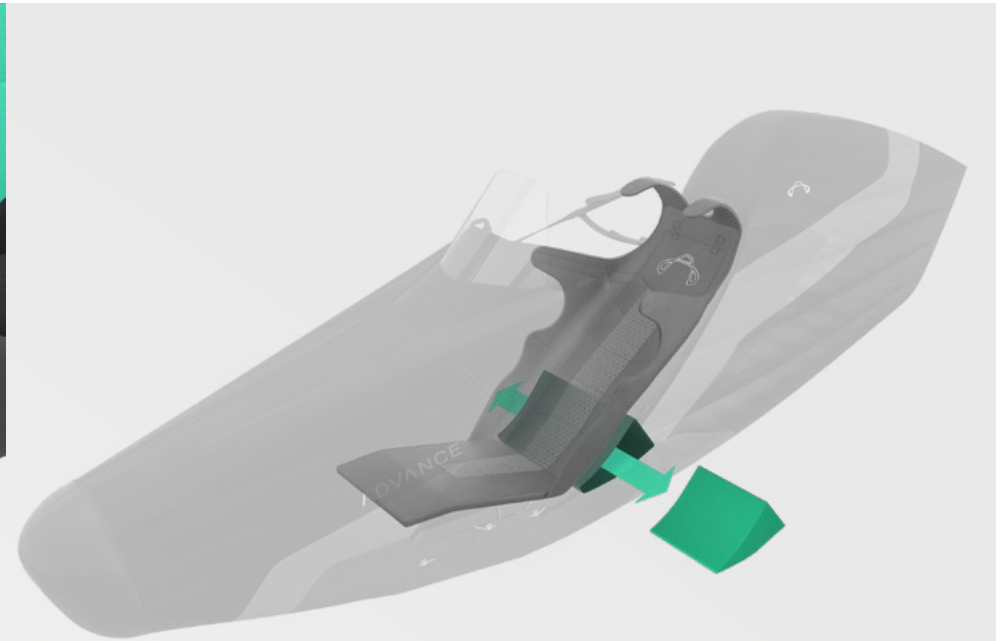
Smooth Acceleration System



Two-loop speed system with Ronstan pulleys

The two-loop speed system is very straightforward to use. Wide straps mean that perfectly positioned feet are simple to arrange, and centering the speed lines is very easy. Speed loop geometry has been arranged so that those many kilometres of continuous accelerated flight become effortless. The 30mm ball-bearing Ronstan-pulleys play their part. Pushing the speedloop has never been easier.

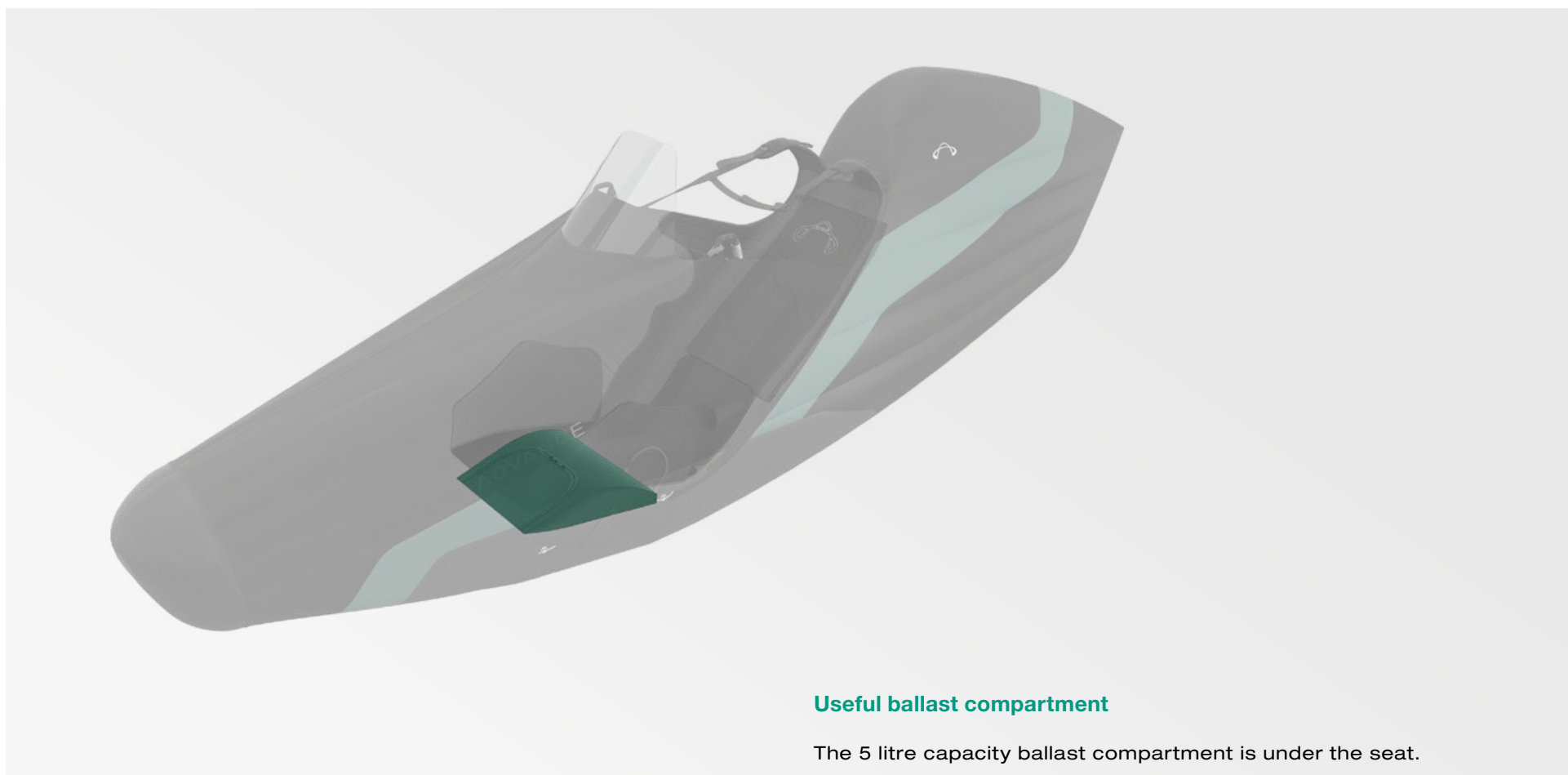
Anti-G Pocket



Anti-G instant activation

The Anti-G pocket is at hip level, and can be opened from either side. It can be activated in one simple movement and the chute restored with similar ease. This pocket could also be used as additional storage of personal items or ballast. Or you could leave the foam blank in it.

Underseat Weight Pocket



Useful ballast compartment

The 5 litre capacity ballast compartment is under the seat.


Comprehensive Package











Delivery package

- COMFORTPACK 3 130 I IMPRESS-Edition
- Wind Shield with protective cover
- Detachable Cockpit
- Hook Knife
- Radio Pocket
- 2 Edelrid «Alias Speed» Carabiners
- Air intake with NRV
- Certified foam protector
- Comfort foam in the back
- 4 SAS-TEC foam elements
- Carbon seatboard
- Anti-G pocket foam blank
- 30 mm Ronstan speed system pulleys
- Carbon foot plate
- Speed System
- Reserve container (left and right)
- 2 reserve connection lines (one fitted)
- Reserve compartment blank
- Blank reserve pins

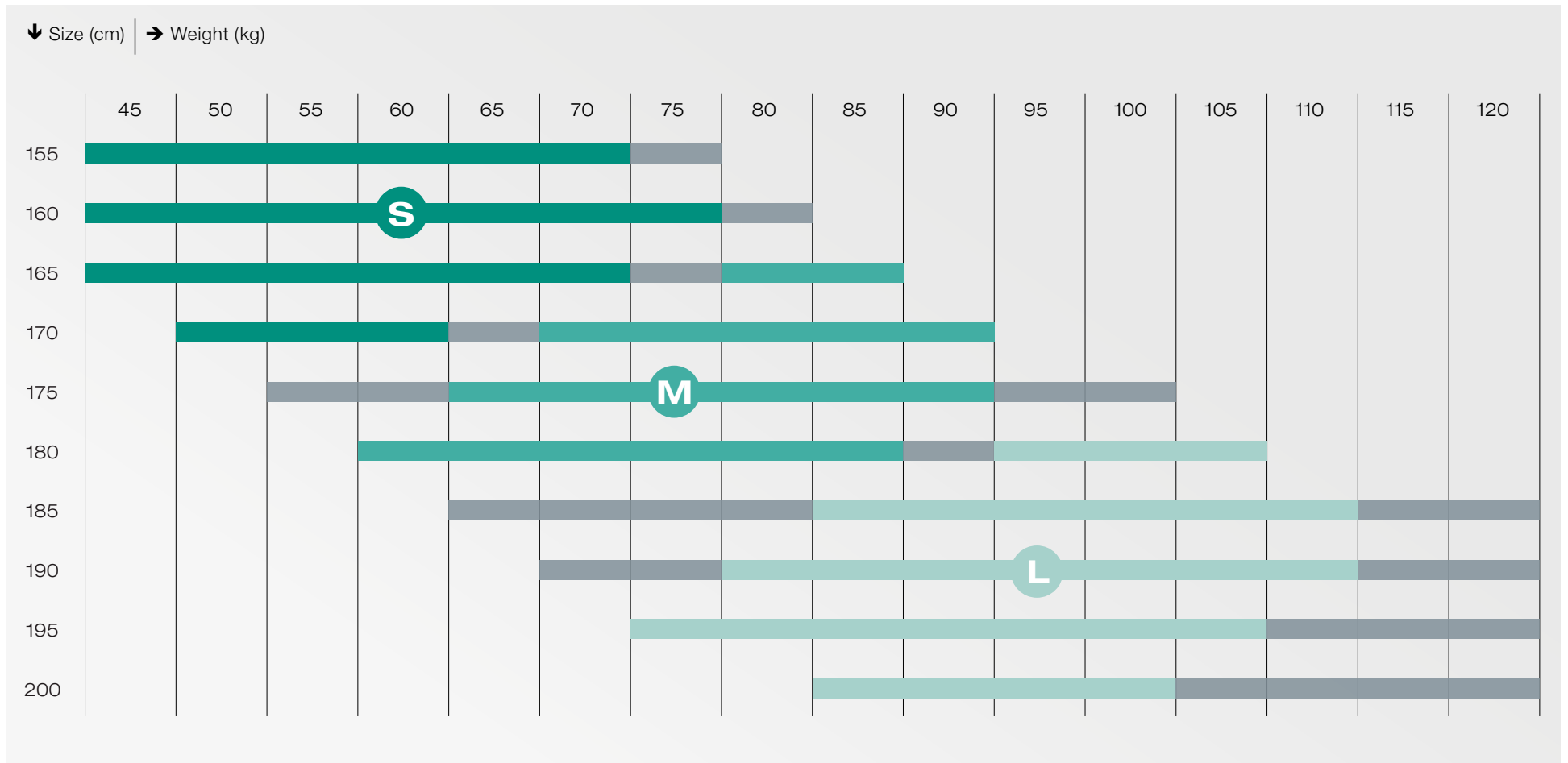


Range of Use

	 <p>LIGHTNESS 3</p>		 <p>IMPRESS 4</p>	
Configuration	Light Speedbag	Standard Speedbag	Without Seatboard	With Seatboard
Range of Use	<p>Vol biv</p> <p>Hike to XC</p> <p>XC on Travel</p> <p>XC leisure</p> <p>XC sport</p> <p>Competition</p>	<p>Vol biv</p> <p>Hike to XC</p> <p>XC on Travel</p> <p>XC leisure</p> <p>XC sport</p> <p>Competition</p>	<p>Vol biv</p> <p>Hike to XC</p> <p>XC on Travel</p> <p>XC leisure</p> <p>XC sport</p> <p>Competition</p>	<p>Vol biv</p> <p>Hike to XC</p> <p>XC on Travel</p> <p>XC leisure</p> <p>XC sport</p> <p>Competition</p>
Protection & Comfort	 <p>Foam Protector</p>	 <p>SAS-TEC-Element & Comfort Foam in the back, Foam Protector</p>	 <p>4 SAS-TEC-Elements & Comfort Foam in the back, Foam Protector</p>	
Seat Area	 <p>With Seatboard</p>		 <p>Without Seatboard</p>	 <p>With Seatboard</p>

	LIGHTNESS 3		IMPRESS 4	
Configuration	Light Speedbag	Standard Speedbag	Without Seatboard	With Seatboard
Windshield				
Number of Rescues	 1 Rescue right		 2 Rescues left and/or right	
Silhouette				
Weight	from 2.75 kg	from 3.25 kg	from 6 kg	from 6.3 kg
Pack volume				

Size Chart



Technical Data

IMPRESS 4		S	M	L
Pilot height	cm	155 – 172	165 – 183	178 – 200
Seatboard width	cm	31.5	33	34.5
Carabiner height with Seatboard	cm	46	47	48
Weight Harness "Ready to Fly" ¹	kg	n/a	6.4	6.6
Weight Seatboard	kg	n/a	0.29	0.32
Certification			EN 1651 & LTF 91/09, 120 kg	

¹ Harness without Windshield, Seatboard and Rucksack, including one rescue configuration (pod and handle)



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