

VENTUS

NOVA

product presentation
VENTUS



VENTUS | free as the wind

The VENTUS wasn't developed as the successor to the ALTUS - it is a completely new design. The all-round harness convinces with its high level of passive safety, little weight and an extraordinary amount of flying fun.

A new development is the design of the back protection. The VENTUS features a traditional foam protector that is extremely light and compressible, but still has excellent impact-absorption properties. Additionally, a SAS-TEC protector covers the whole back area. This viscoelastic soft-foam protector was first developed to guard against heavy impacts in motorcycling and skiing and will protect the pilot's back in the case of an incident.

Many clever details, like the integrated compartment for the drink bladder, the detachable radio pocket (included as standard), colour-coded buckles and carabiners and the sporty look, feature on this well-designed harness.



Safety First

The VENTUS has a foam protector with a particularly small packing volume (between 18 and 20 cm, size M) which covers all the lumbar vertebrae and protects the pilot from the moment they put it on.

Despite its compressibility, the protector does not lose its impact-absorbing properties even after years of use. A protector made by the German firm SAS-TEC is additionally fitted in the upper back area. In the case of an impact, this distributes the pressure of hard objects, such as stones or objects in the storage compartment, over a larger area. This reduces the risk of severe back injuries.



Dependable deployment

The VENTUS has an ergonomically optimised parachute container and we tested deployment in a multitude of directions. The EN standard for harnesses only stipulates that the release force for the parachute must be between 2 and 7 daN – testing deployment in different directions is not required. Additionally, this functionality was tested with significant forces on the G-Force Trainer. In an emergency the parachute may be deployed in any flying position and even with high g-forces, it will deploy reliably.

Target group

The VENTUS is aimed at all pilots who are seeking an uncomplicated, safe and innovative harness for everyday flying. The clever details ensure intuitive handling. The seat plate and harness geometry guarantee a pleasant and precise feeling in the air. Sizes S and L were specifically designed for small and large pilots. The VENTUS is suitable for instruction as well as for experienced, discerning pilots.

Clever details for more comfort

The storage compartment has space for a drinking bladder and a channel for the drinking tube on the shoulder straps. This means the pilot can easily stay hydrated even on long flights.

The auto-lock zip ensures that the storage compartment cannot accidentally open in flight, even if it was not completely closed before launch.

A whistle on the chest strap.

The radio pocket that is included as standard can be fixed to the shoulder strap in two positions. Additional additional zip pockets space for a mobile phone, camera, first-aid kit, etc.





Intuitive operation

Well-thought-out components make this harness simple for beginners and will equally enthuse experienced pilots. The colour-coding featured on the PRION and IBEX risers is replicated on the VENTUS. The main hang-points and buckles are green on the right side and red on the left side. Adjusting the seat angle, the shoulder straps and the chest strap is possible in flight - not just on the ground!



Seat comfort

The SAS-TEC protector ensures safety and provides excellent back support. The combination of the seat plate, the AIR-Mesh padding and the ventilation strip means the VENTUS offers the highest degree of comfort..





VENTUS



Enjoyment of flight

The hang-point height was optimised so that all sizes of the VENTUS are pleasant and stable to fly. Thanks to the honeycomb seat plate and the well-thought-out seat geometry, it responds very well to weight-shift and provides direct feedback even during dynamic manoeuvres. Additionally, the protector made by the German firm SAS-TEC provides excellent back support. The soft backrest made from Air Mesh, in combination with the central ventilation strip, rounds off the seat comfort. With the VENTUS, long flights are relaxed and comfortable.



Accessories included

- EN/LTF certified foam protector
- SAS-TEC protector
- 2x NOVA Special EDELRID Alias 2 Carabiner
- Carbon speed-bar
- Manual
- Radio pocket
- Chest-strap protector





FAQ

NOVA tests parachute deployments even at higher g-forces. What does this mean?

In an emergency, the pilot often has to throw their rescue when the wing is turning violently with correspondingly high g-forces. The current EN tests do not include deployment tests with high g-forces. NOVA voluntarily and intensively tests its harnesses using the G-Force Trainer - with differently sized parachutes, different pilot sizes, different lengths of connection bridles, in several deployment directions and until our testers black out...

How were the size ratios of the VENTUS determined?

We designed the VENTUS so that just three harness sizes would cover a large range of body sizes. Very useful for paragliding schools.

The VENTUS has a foam protector. Does it still pack down to a very small size?

The foam protector achieves good impact-absorption values and protects the pilot from the moment they put it on, whilst still being compressible. Naturally, it is not as small as an airbag, but still pleasingly compact.

Can the VENTUS be used for groundhandling?

It is completely suitable for groundhandling, thanks to the whole harness geometry, leg loop configuration as well as the additional padding on the leg loops and chest strap.

What are the advantages of the T-Lock buckle system?

More safety! The chest strap can only be closed with a buckle connected to the left

leg loop. If the chest strap is closed, it is impossible to fall out of the harness.

How does the seat geometry work on the VENTUS?

The VENTUS permits an upright and slightly reclined seating position. Adjustment is easy and can be performed in the air.

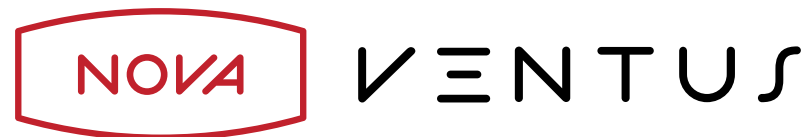
How should you store the VENTUS?

Generally harnesses should not be stored in damp, wet or hot conditions. The harness should never be exposed to hazardous substances like solvents, paints, battery acid and their gases, etc.

Technical Data



		S	M	L
Pilot height	cm	< 170	165-180	>180
Harness weight	kg	4,4	4,7	5,2
Certification (EN & LTF)		DHV GS-03-0391-18		
Maximum clip-in weight		120 kg (LTF)		
Energy absorbtion value		33		
Colour		NOVA Skyblue		



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