

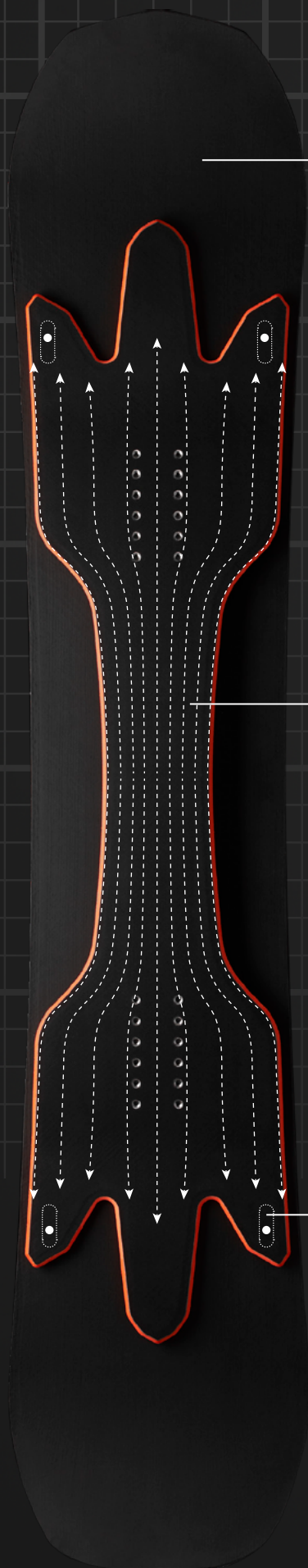
New perspectives on sports.



The ISPO Award Magazine 2/22

ISPO
Award





**INVERSE CONCAVE BENDING
SYSTEM (ICS)™**

45 degree lengthaxis bending of the
motherboard



**CONVEX PRESSURE BOW
SYSTEM (CBS)™**

snapback function | pressure transmission
to effective edgepoints of the board |
binding leverage | easy turn control



**SUPERSLIDE RAIL
SYSTEM (SRS)™**

higher pop | shock absorbing

Get to know
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at Booth 100, Hall B3.

www.doubledecksnowboards.com

DD DOUBLEDECK®

Rethink snowboarding.



„DOUBLEDECK features the most innovative snowboard technology I have ever experienced in my career.“

TERJE HÅKONSEN - Snowboard legend and partner of DOUBLEDECK snowboards

Welcome

Innovation never stops!

With the ISPO Award, the leading international sports platform ISPO honors the industry's highlight products and services.

One year ago we extended the ISPO Award and thanks to the new award concept, the ISPO Award Winners will not only be in the spotlight at the OutDoor by ISPO and ISPO Munich trade fairs, but will also enjoy international coverage throughout the year.

More reach - More flexibility More news-value – All year round

Besides serving media and retailers, the award helps consumers as an orientation and a basis for purchase decisions in a multi-layered market.

In our new award magazine we present the latest highlights of the last two jury meetings.

We are looking forward to seeing you during ISPO Munich 22 at the Award Exhibition in the Future Lab!

Have fun reading.
Your ISPO Award Team

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The Team

Project management



Christina Rabi

Project Manager ISPO
Collaborators Club / ISPO Award
The perfectly organized,
charming lady in the team
makes sure that everything goes
100% according to plan.

Technical editors



Andi Spies

Jury Member ISPO Award 2022
Sports journalist
Founder of the content studio
Textkommissariat and Editor at
large ISPO.com, works as a
action & outdoor sports journalist
for more than 25 years.

Collaborators jury meeting 3



Pedro Moutinho

Consumer expert and Member
of the ISPO Collaborators Club
Shoe Designer and passionate
biker

Collaborators jury meeting 4



Dominic Rasp

Consumer expert and Member
of the ISPO Collaborators Club
Not only an enthusiastic sports
juggernaut – a sports scientist at
the Technical University of Munich
he also has a close connection to
sports in his professional life.



Florian von Stuckrad

Project Lead, Team Member
ISPO Award, Head of publishing
at MPM AG The enthusiastic
mountain biker and skier nick-
named „Stucki“ has been working
in the media for over 20 years.



Prof. Dr. Martina Wengenmeir

Jury Member ISPO Award 2022
Sports journalist
A smarty pants when it comes to
mountain sports – which makes
her right at home writing about
them as well as in the lecture hall.



Sebastiano Giampiccolo

Consumer expert and Member
of the ISPO Collaborators Club
Multi-sportsman and
enthusiastic mountaineer, skier,
and mountain biker



Franziska Höll

Consumer expert and Member
of the ISPO Collaborators Club
Laboratory engineer with a
specialist knowledge of light-
weight metals such as carbon



Christoph Beaufile

Brand Strategist Consumer Goods
& Product Owner ISPO.com
The strategic head behind ISPO
Award and ISPO.com has a lot of
plans for the platforms. When he's
not in the office, you'll find him in
his caravan, biking or skiing.



Dr. Regina Henkel

Jury Member ISPO Award 2022
Sports journalist
For more than 20 years as a
trade journalist in the international
fashion and sports segment, the
accomplished expert has seen
many innovations come and go.



David Stiehler

Consumer expert and Member
of the ISPO Collaborators Club
Multi-active mountain and
outdoor sportsman



André Meyer

Consumer expert and Member
of the ISPO Collaborators Club
Running coach, certified running
therapist, author of specialist
books

72 hours 195 products 9 experts

Mobile Power Generation, Digitalization, Individualization – that’s how you could summarize the basic ideas behind the products that have applied for an ISPO Award this time. The expert jury meets regularly on different sites to select their favorites.



First a paragliding flight, and then into the ISPO Award jury meeting with a fresh mind: This time, sports experts from three countries judged the most innovative products. From the app for individual performance improvement and new recycling ideas to completely newly developed sports products - there was a lot to be amazed at during the two-day meeting. There was plenty to marvel at, laugh at and test even more.

Rarely has a jury meeting for the ISPO Award illustrated the enormous creativity of the sports business better: “At this jury meeting, I was particularly impressed by the diversity of the products and digital services submitted. From highly specialized sports equipment to innovations that provide access to sports for a broad target group,” explains jury member and Editor at Large ISPO.com, Andi Spies, at the end of the event. More than 40 products had made it into the final selection and were presented to the international jury of experts in Garmisch-Partenkirchen shortly after.

Above the roofs of the town of Garmisch-Partenkirchen

With a view of the city and mountains, namely on the roof terrace of the award-winning Moun10 Youth Hostel, the products and services submitted had to be examined in detail. Climbing scaffolds were set up, avalanche backpacks were released, apps were loaded and tested, and jackets, pants, shoes and backpacks were tried on. Even a new bike wash was among the nominated products and could be tested because a local bike rental company already works with it.



Above: The team of the third jury meeting
Left: The team of the fourth jury meeting







Trends: mobile power generation, digitalization, individualization

In view of the current energy situation, the products submitted for mobile, solar power generation proved to be highly topical. The megatrend of sustainability was not as obvious this time as in previous rounds, but of course still resonated with almost all products. This was mainly due to the fact that less clothing was submitted overall and more hardware - or digital services. For the first time, several new apps and digital devices were among the nominees. For example, an application that uses artificial intelligence to offer consumers products that are precisely tailored.

However, products that have simply been convincingly developed further also stood a good chance; these include new hydration bladder systems, high-performance headlamps or bike towing systems that also make cycling uphill fun for children.

Jury meeting with a lot of adrenaline

Of course, this meeting was not without sports and adrenaline. On the very first day it went with Fly Garmisch first up to the Kreuzeck and then by paraglider tandem flight back down into the valley. The wind conditions were treacherous, not every take-off was successful at first go. The flight was all the more beautiful for it, with a magnificent view over snow-covered peaks and the bustling town. For most of the jurors, the paragliding flight was a premiere. Accordingly intoxicated, with beaming faces and above all a lot of energy for the next product evaluations, all landed safely back on earth.

First snow at jury meeting number 4 in Bayrischzell

A quiet farmstead near Bayrischzell. The surrounding mountain landscape delicately dusted with the first snow. Pure idyll. In the main house of the farmstead, hustle and bustle. The Hasenöhrl Hof, a cozy cooking and event location of the eponymous owner and chef Bärbl Hasenöhrl, provided part of the premises for the fourth jury meeting of the ISPO Awards this year.

And space was needed. After the process and concept of the ISPO Awards was adapted a year ago now, the industry had fully embraced the new concept. With ISPO taking place for the first time in November and a new ISPO Awards exhibition, there were accordingly many new products to choose from. Over 100 entries had to be evaluated by a jury consisting of industry experts and the collaborators, consumers with an affinity for sports. The number of entries can confidently be considered a success.

An additional competition held outdoors

Smoking heads were juxtaposed with culinary delights and one or two sporting activities to compensate.. One activity should be briefly mentioned here: crossgolfing was on the



agenda for the second day. As a title and incentive, an Alpen-Plus ski card was ready to be received by the winning team. And so, in the rain, between hole-in-one and shots far from the target holes, all golfing skills were thrown into the ring. The Henkel/Rasp team secured the victory.

Quality makes the difference

In the end, 57 products achieved the number of points required to be ISPO Award-worthy. The fact that, despite the mass of entries, there was also a massive increase in the quality of the products submitted shows that the industry is well on the way to realizing its full potential. The winners will be on display in the Future Lab at ISPO Munich 2022 at the end of November.



Omnichannel logistics solutions for the sports industry

Sustainable D2C and omnichannel order management with FIEGE

Against the backdrop of coronavirus, the climate crisis, supply chain bottlenecks and the skills shortage, the sports industry is looking for viable concepts for the future. The change in sales channels offers great potential but also poses huge challenges for manufacturers and retailers.

Shaping the future with expertise and innovative prowess

FIEGE is an expert partner for the expansion of sales channels and for omnichannel management. It is with good reason that major names such as Zalando, SportS-check and Jack Wolfskin have trusted in our expertise as omnichannel logistics and ecommerce fulfilment specialists for many years now.

As the inventor of contract logistics, the family-run company from Greven, Germany, has represented the pinnacle of innovative prowess for five generations now. Today, more than 23,000 employees in over 100 countries also ensure continuity and a close partnership, even in difficult times.

Expanding sales channels with modular solutions

Expanding direct sales (D2C), optimising your presence on the marketplace or making your logistics processes more sustainable? FIEGE works with modular systems, such as for warehousing, carrier management, automation, last mile, packaging and customer centres. This means:

- Finely honed solutions for start-ups and global players
- Complete cost control with the choice between regular and sustainable, standardised and customised modules
- High flexibility thanks to peak management

Transparency and planning reliability

The digital services and last mile solutions from FIEGE create complete transparency, control and planning reliability across the entire value chain.

Customer service for customer satisfaction

In addition to classic complaints management, FIEGE also takes care of phone orders and product consultations. Jack Wolfskin, for example, has been relying on the services provided by the D2C expert since 2015 now.



→ fiege.com/de

The ISPO Award

One of the most established awards in sports, the “ISPO Award”, is now at home at ISPO.com all year round. Through this strategic positioning, the ISPO Award is communicated via our high-reach multilingual digital magazine ISPO.com



The audience favorite “Public Choice Award”

Our consumer experts from the ISPO Collaborators Club award the sought-after “Public Choice Award”: From all the award-winning products, they select the one most outstanding.

The ISPO Award combines an editorial product review and seal of quality in one.

How do you generate enthusiasm for a product?

Most consumers are inspired by test reports and credible quality awards. With the revised ISPO Award we are combining these two sources of inspiration.

51% Test Reports

17% Quality-Awards

15% Friends/Family

7% Brand-Ambassadors/
Testimonials

4% Certificates

3% Sponsoring

2% Loyalty/Club Programms

1% Advertisement

68%
Source of
Inspiration

These are the advantages as an ISPO Award Winner:

Award label. Each ISPO Award Winner receives its own award label for placement in print and web, e.g. social media, advertising, POS/displays, website, email signature, lookbook.

ISPO.com review article. Each ISPO Award Winner will receive their own review article on ISPO.com, which complements the organic reach via content distribution to the target group. The article is published in three languages (DE, EN, FR).

The trophy. ISPO Award Winners will of course receive a trophy in a sleek, but high quality design with the inscription of the brand and the name of the product – a showpiece for every brand.

Hangtags and stickers. ISPO Award Winners will receive print files for stickers and hangtags, which can be attached to the products.

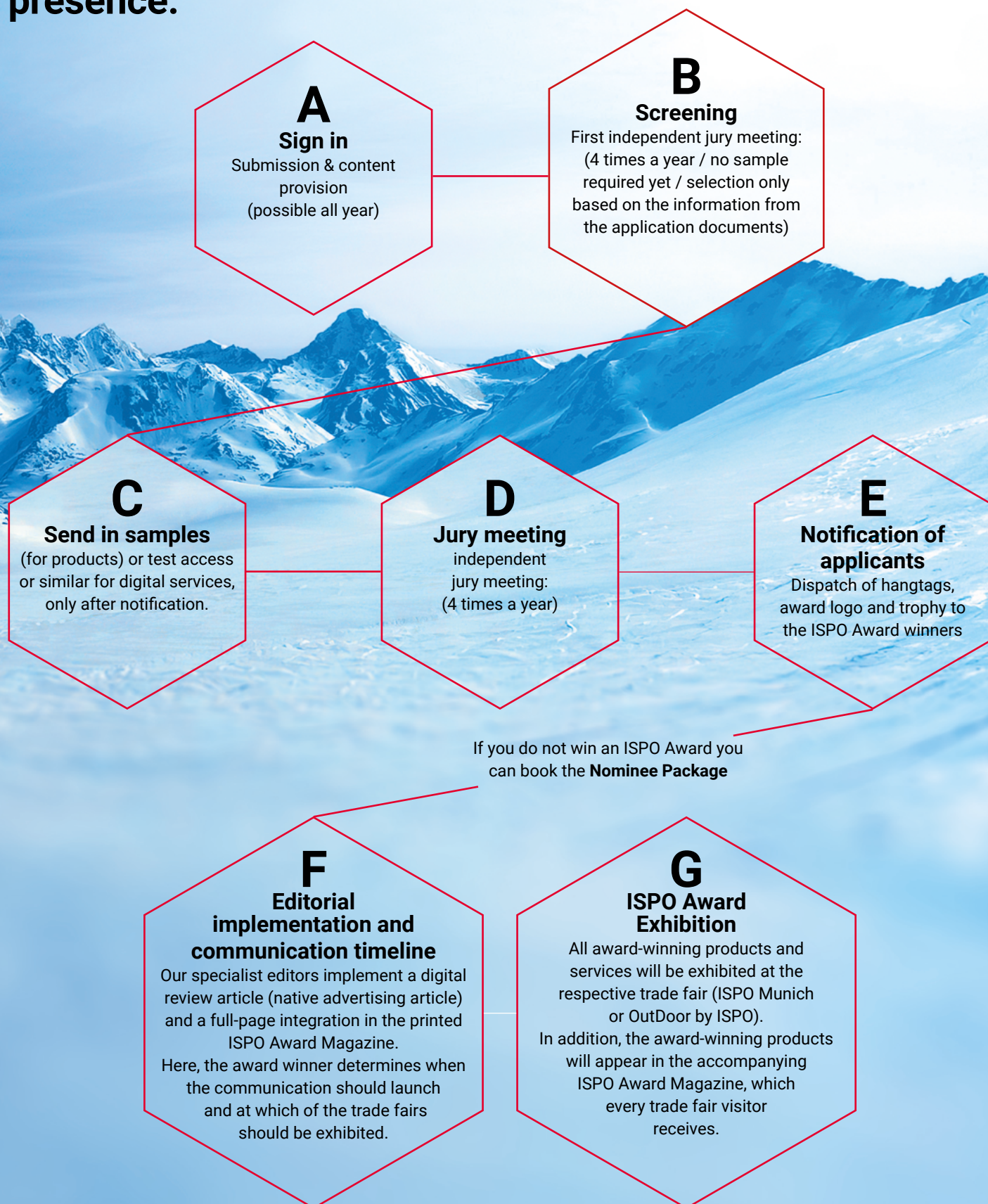
ISPO Award Magazine. All award-winning products and services will be published in the new ISPO Award Magazine.

A communication package, no hidden costs. Registration is possible anytime and the jury meetings take place four times a year.

Public Choice Award. Participation in the Public Choice Award is optional and without additional costs. It is possible at ISPO Munich and OutDoor by ISPO.

Award exhibition at the fair. You have the choice whether to exhibit your award product at OutDoor by ISPO or at ISPO Munich.

**Year-round, easier,
and with a trade show
presence.**



The Winners

The new judging process makes the ISPO Award more credible.

Our independent editors meet on a quarterly basis with selected consumer experts from the the ISPO Collaborators Club. The most coveted rating, "Approved by Consumer," is thus ensured by the participation of our opinion leaders. This argument helps during sell-in. The awarding procedure is standardized and enables an objective evaluation.

Judging criteria

innovation & trend character

purpose & target group

material selection

design & appearance

price / performance ratio

weight / pack size

manufacturing quality

functionality

sustainability



**Find out more
about all the ISPO Award
winning products**



SEE YOU
at the ISPO
Award Exhibition
in Hall B2



Innovative combination of jacket and pants for ski touring



With the Alpspitze Air 3L Jacket & Pants Jack Wolfskin has developed an innovative, ultra-lightweight, extremely air-permeable, waterproof and functional ski touring concept with a sophisticated range of features.

The symbiotic concept consisting of jacket and bib pants stands for high performance and maximum comfort in demanding conditions. To achieve this, Jack Wolfskin has constructed a jacket that offers maximum freedom of movement with minimal seam construction. Calling this innovative construction "Kimono Cut", Jack Wolfskin avoided seams in the shoulder and hip area, which reduces potential weak points and eliminates friction points, even when wearing a backpack. The minimalistically designed dungarees are divided into an elasticized, fitted top and functional pants. A removable bib with a zippered chest pocket provides space for an avalanche transceiver. The pants, bib and jacket are perfectly matched and together offer the highest comfort. The PFC-free outer material consists of the waterproof and enormously air-permeable 3L Pertex® Shield Air. In addition to the fabric's tremendous air permeability, the jacket features an innovative ventilation system that allows air to flow like a chimney through an expandable collar and side zip opening. At the same time, this ventilation opening provides quick access to the bib and its pockets for the cell phone or avalanche transceiver. Thanks to the excellent breathability of the material and the special construction, the ski tourer is perfectly equipped for the ascent and the descent during changing winter conditions, without having to constantly change his layering system. The materials are designed for performance and durability. In addition, the development team has paid special attention to reparability.

Jury-Statement:

"Jack Wolfskin presents a clothing set for ski touring that is highly specialized and yet versatile. What's great is the soft, low-noise outer material and the well thought-out cut construction of the jacket and pants, which are precisely coordinated."

ISPO Award Jury

Advantage overview:

- Particularly breathable
- Particularly lightweight
- Waterproof
- Windproof
- Repairable
- Can also be used separately

Product specifications:

Available in sizes S-XXL
in the color Carmine (Brown)
This ski touring outfit is also available for women in the color "blush powder"
Size set: XS-XL
Market launch Autumn/Winter 2023
Retail Price:
Jacket: 599,95 €, Pants: 599,95 €, Whole Concept: 1.199,90 €

→ jack-wolfskin.com





Individually outstanding, together unbeatable



The Y MountainLine is a state-of-the-art product designed to keep you comfortable and safe during your toughest mountain adventures.

Designed to give you strong protection and premium performance in extreme environments. Constructed with a strong and durable 100% recycled polyamide upper. Combined with Bega Membrane Bold Pro Technology, this material offers superior comfort and protection – and that combined with top-notch wear resistance. The dungarees are equipped with highly breathable and ergonomically shaped straps that provide full freedom of movement.

The Y MountainLine is a state-of-the-art product designed to keep you comfortable and safe during your toughest and steepest mountain adventures. Using the most advanced material technology, Bergans has developed some of the highest performance garments available. With the motto: Individually outstanding, together unbeatable.

Adjustable, fixed and breathable suspenders with buckle front closure, placed so they do not collide with the backpack. Full-length side zippers with four sliders. And in addition, a "drop seat" function.



Jury-Statement:

"This is where durability and technical function combine. Cleverly placed Cordaura reinforcements in places that are particularly stressed when using crampons are just one example of the very well thought-out product design."

ISPO Award Jury

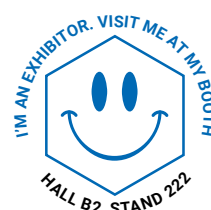
Advantage overview:

- Bega Membrane Bold Pro
- Highly durable fabric construction
- 100% recycled Polyamide

Product specifications:

Color: Dark Shadow Grey
Price: 500,00 €
Available: August 2023

→ bergans.com





A blend of performance and responsibility

An innovative and sustainable jacket for alpine climbing in harsh winter conditions: the Alpine Suit by Patagonia unites the latest membrane technology by Gore-Tex with progressive design.

patagonia

Patagonia's Alpine Suit represents the cutting edge of design and material innovation for committed alpinists and is the latest result of the US company's partnership with GORE. Patagonia has paired years of intensive design experimentation and testing in the harsh winter climbing of Scotland and the Alps with the latest membrane technology by Gore-Tex. The result is a new benchmark in performance and responsibility for the next generation of alpine pursuits.

Intended for committed winter alpinists who care for the planet, the Alpine Suit stands for responsible performance. While rooted in the alpine climbing ethic of minimalism, style and partnership, it combines Patagonia's innovative design solutions to reduce layers and improve mobility for alpinists with GORE-TEX's latest PFC-free extreme and extended material technology. In other words: the Alpine Suit represents the next era of solutions for alpinists from Patagonia and Gore-Tex.

The jacket features 100% PFC-Free GORE-TEX® ePE, the latest Gore-Tex material innovation that provides excellent storm protection without PFCs. The innovative pattern ensures great mobility, whereas the spiral zip hood and cuff designs provide a perfect fit. Regarding sustainability, the Alpine Suit is made with recycled polyester and nylon. The materials use all Bluesign approved dyes and contain no forever chemistries, and the ePE used is built with a lower carbon footprint. Thus, the jacket showcases Patagonia's intention as a responsible business partnering with other brands to move the industry towards a better way of doing things.

Jury-Statement:

"Two things stand out in this jumpsuit for powder hunters. First: the very well-thought-out cut for unrestricted freedom of movement. Secondly, the practical zippers on the lower back. That allows for easy handling of the overall when going to the toilet."

ISPO Award Jury

Advantage overview:

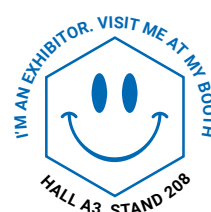
- Eco-friendly 100% PFC-Free Gore-Tex® ePE membrane
- Innovative design
- Lightweight
- Recycled fabrics

Product specifications:

Colour: Nouveau Green & Touring Red

Price: 1.000,00 €

Available: October 1, 2023



→ eu.patagonia.com



First ever bib pant with eco-friendly Gore-Tex ePE membrane

Patagonia's Untracked bib pants have a supple built-for-movement design for big backcountry days in even the most unrelenting conditions. Functional snow features for venting, pocketing and adjustability; bibs have drop-seat side-vents.

patagonia

Built with 100% recycled, PFC-free, waterproof/breathable 3-layer ePE Gore-Tex and warm soft shell backer, the Untracked Bib provides complete extreme and extended performance with a lighter environmental impact. ePE sets an entirely new standard for responsibly built technical shells, built with a lower carbon footprint and backed by Gore-Tex's „guaranteed to keep you dry“-promise.

Tested extensively in the lab and in the snow, ePE products are subject to the same Garment Quality Standards (GQS) as all Gore-Tex products, to ensure they meet requirements for winter's most demanding backcountry and alpine conditions. On top of that, the Untracked Bib uses a PFC-free DWR platform that excludes the use of perfluorinated chemicals in this product.

Patagonia offers for all products the so-called Iron Clad Guarantee. If a customer is not satisfied with one of the products, or if one of the products does not perform to satisfaction, customers can return it to Patagonia for a repair, replacement or refund. Damage due to wear and tear will be repaired at a reasonable charge.

Jury-Statement:

"Freeriders in particular appreciate the advantages of bib pants. That this technical garment is now available in recycled, PFC-free material will please all environmentally conscious winter sports enthusiasts."

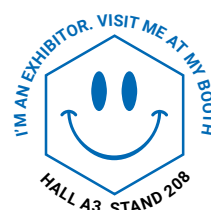
ISPO Award Jury

Advantage overview:

- First-ever Gore ePE Snow Bib Pants
- Made with 100% recycled face fabric
- Lightweight and eco-friendly

Product specifications:

Extra: RECCO Reflectors for added safety
Target group: Backcountry freeride ski and snowboard. Men and women.
Price: 700,00 €



→ eu.patagonia.com



For climbers who care about the environment

The Patagonia Super Free Alpine Jacket is made with the newest Gore-Tex membrane technology and provides eco-friendly weather protection as well as functional mobility.

patagonia

Uniting high-level performance features for alpine climbing and advanced ecological innovations, this jacket is designed for alpinists who are also advocates for the planet. The Super Free Alpine Jacket is born from a partnership between Patagonia and GORE and rooted in the idea of responsible, performance-led alpine solutions. Pairing a simple yet innovative design for weather protection and functional mobility with the newest membrane technology by GORE-TEX, Patagonia's Super Free Alpine Jacket keeps the storm outside and stays calm and comfortable on the inside, making it just the right jacket for tackling the boldest routes in the most committed style.

In the manufacturing process, Patagonia uses 100 % PFC-Free GORE-TEX® ePE, which sets an entirely new standard for responsibly built technical shells providing superior storm protection in terms of waterproofness and breathability. It is built with a lower carbon footprint and backed by GORE-TEX's "Guaranteed to keep you dry" promise.

The innovative design solutions in the hood and cuffs provide complete weather protection and functional mobility, resulting in the next generation responsible mountain performance for alpine climbing. Hence, the Super Free Alpine Jacket reflects Patagonia's style of climbing: committed, hard alpine style climbs. But it also showcases their product ethos of responsible performance: building better performing products out of more responsible supply chains. The main body is a 100% recycled nylon fabric woven in China while the garment is assembled in Vietnam. The Super Free Alpine Jacket also uses a PFC-free DWR platform that excludes the use of perfluorinated chemicals in this product.

Jury-Statement:

"A high-end jacket for environmentally conscious alpinists and climbers who attach particular importance to the best technical performance and the lowest possible ecological footprint when choosing their equipment."

ISPO Award Jury

Advantage overview:

- Eco-friendly 100% PFC-free GORE-TEX® ePE membrane
- PFC-free DWR finish
- Lightweight

Product specifications:

Color:

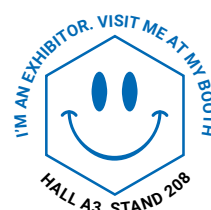
M's: Belay Blue, Touring Red, Nouveau Green

W's: Lagom Blue, Touring Red, Nouveau Green

Price: 600,00 €

Available: October 2023

→ eu.patagonia.com





Design your own outdoor clothing



MADE's goal is to create custom kits that perform the best. In this way, the brand creates the most inclusive clothing line, without genders, pink taxes and features for specific market segments.

Tailored, technical clothing made to measure? No problem thanks to MADE Apparel. Plus a guaranteed perfect fit designed by the user. The young Canadian brand also handles this challenge sovereignly. But first things first. How does the MADE work?

Custom design means users not only choose the color, but also fit and features like zippers, pockets and powder skirts. MADE customers get exactly what they want from their apparel because they are the ones making the decisions, not some designer. No more "mystery pocket" that forever goes unused.

Outdoor apparel brands traditionally use a mix of sizing, to develop a collection of average sizes that are "close enough" for their target group. Trying to fit all sizes results in garments that don't actually fit anyone properly.

This is where the MADE Apparel comes in. It is tailor-made to order and only then shipped to the customer. This means less wasted resources. MADE Apparel only makes what the customer requires, and therefore they're using recycled and recyclable materials such as Sympatex and A-grade dead stock of Polartec Neoshell, which would otherwise end up in landfills. Sounds like a great concept.

The entire system is based online and backed by an AI. The process is simple: First, the user is measured using a digital screenshot. Then MADE goes to work creating the user's gear. With the individual data, the garment is created and then shipped.

Jury-Statement:

"MADE makes it possible to get outerwear that has all the features you need and none that you won't. Because you design it yourself. The online selection and measurement tools are easy to use and the features to add are well explained."

ISPO Award Jury

Advantage overview:

- Customized product design
- Production after order only
- Recycled materials
- Recyclable
- Performing finishing

Product specifications:

Available: October 2022

RRP: 535,00–800,00 €

→ madeoutdoor.ca



Technical pants made from recycled, resource-saving Stormfleece™



With the RACE PANT M&W, Ternua has created a technical pant that wears like a softshell, but is more durable and uses less material.

The technical RACE PANT M&W by Ternua is made of recycled 4-way stretch STORMFLEECE™ material made of polyamide. It is highly wind and water repellent and breathable without the use of membrane fabrics.

STORMFLEECE™ is a patented technology that combines woven fabric and fleece technology to create a fabric that features a particularly wind- and rain-resistant outer layer and a soft and warm inner layer. The material, which is as robust as it is supple, thus consists of only one layer, unlike conventional, two-layer soft shells made of knit. This allows Ternua to minimize material consumption while maintaining the same function. At the same time, the tightly woven structure is durable and less prone to fiber loss and microfiber emission. All fabrics used are bluesign approved and have a PFC-free DWR.

The stretchy pants are comfortable, warm, breathable and versatile. Built-in knees provide more freedom of movement, and the waist is adjustable with an elastic drawstring. Other details include two zippered front pockets and zippers at the hem of the pants to accommodate wider boots.

Jury-Statement:

"We all appreciate the comfort of softshell pants. Ternua presents a new more resource-efficient material construction that is tough on the outside and just as soft and comfortable on the inside as a softshell, but reduces the risk of microplastics and thus lasts longer."

ISPO Award Jury

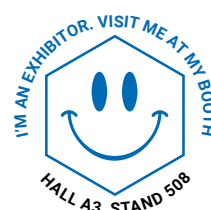
Advantage overview:

- Bi-stretch
- Breathable
- Resource-saving
- Recycled polyamide
- Moisture management
- Water repellent
- Windproof

Product specifications:

Available in three colors
for men and women
Available in sizes S–3XL for men
and women XS–XXL
Market launch October 2023
Retail Price: 189,00 €

→ ternua.com





A sustainable all-rounder



An eco-friendly, lightweight, warm, waterproof, and breathable glove: Snowlife's Capricorn DT Eco 3 Finger comes with the new Dimpora membrane.

The Capricorn DT Eco 3 Finger by Swiss company Snowlife is a sustainable all-round glove developed for environmentally aware freeriders. Its materials include recycled Polyester, wool lining, and wool insulation. While the outer fabric used for the glove is treated with C0 DWR, it is the first glove made with the Dimpora membrane. Dimpora is based on a new technology that creates pores with minerals instead of toxic DMF, so no environmentally harmful substances are used in production. It is Fluorine-free and delivers the perfect balance between high waterproofness and breathability.

For freeriders and any other athlete who loves mixed winter activities, the Capricorn DT Eco 3 Finger keeps fingers warm and protected. Snowlife's aim was to create a glove as sustainable as possible in its category without reducing the functionality, quality, and lifecycle. Thus, the new glove only uses natural or recycled components in combination with a modern look and a light hand feel.

Snowlife were also not happy with the common membranes using fluorinated chemicals or toxic solvent (DMF). Their goal is to develop long-lasting, high-quality products that are as durable as possible for less negative impact for the environment. And that's when Dimpora came into play. The company from Zurich, Switzerland, develops high-performing waterproof and breathable membranes based on Fluorine-free materials that are also avoiding halogens. Its waterproof membranes support the transition from old chemical processes to a new generation of functional membranes. While experience shows that jackets with this membrane are still in use and working well after 3 years, Snowlife gives a guarantee its gloves can be used up to 10 years.

Jury-Statement:

"It is gratifying to see that more and more manufacturers are placing value on membranes that are as environmentally friendly as possible. Through the cooperation with the Swiss membrane developer Dimpora, the glove specialists from Snowlife set new standards."

ISPO Award Jury

Advantage overview:

- Eco-friendly
- Lightweight
- Moisture management
- Recycled materials
- Water- and windproof

Product specifications:

Colour: navy/white/black and black/brown

Price: 149,00 €

Available: November 2022

→ [snowlife.ch](https://www.snowlife.ch)



Lightweight & packable comfort zone



The brand Turbat from Ukraine convinces with the Ultar Down Sleeping Bag and an extremely lightweight and warming solution for micro adventurers and travelers.

Outdoor fans are constantly on the lookout for lightweight and small packable equipment. Whether for the bike tour or the multi-day stay in the mountains. Micro adventures are very popular. For all those who like to sleep outside, there is now a new highlight in terms of sleeping comfort.

The idea of a sleeping bag from the UL segment has no big compromise in comfort and provides with ergonomic handling user experience. The different shapes, orientations, and sizes of the down cells proportionally filled with 850FP down provide the necessary thermal insulation according to the corresponding areas and help to reach better weight and temperature balance. The optimized thermal protection is achieved thanks to different orientation and structure of the down cells.

The Ukrainian brand proudly refers in its product description to use local white goose down 850FP. Through a direct contact with the down supplier, Turbat has full confidence in quality, control, and ethical sourcing.

In addition to all the functional aspects, the sleeping bag can also convince with its visual product design. Getting in and out of the bag is ergonomically well done, the mummy character and an additional warmth collar increase the comfort. There is also enough space in the sleeping bag.

The fact that the footwall can be opened separately is a top feature. This allows to move back and forth without having to slip in and out of the sleeping bag. Well-thought-out.

Jury-Statement:

"The clever course of the zippers with the practical addition to open the sleeping bag from the knees separately, it allows, for example, before sleeping still have enough room to move without freezing through the open places. Due to the small pack size, it can be taken well on long trips, space-saving. Top warming, great insulation performance at low weight."

ISPO Award Jury

Advantage overview:

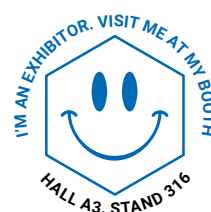
- Lightweight
- Water repellent
- Easy closing & opening usability
- Compression

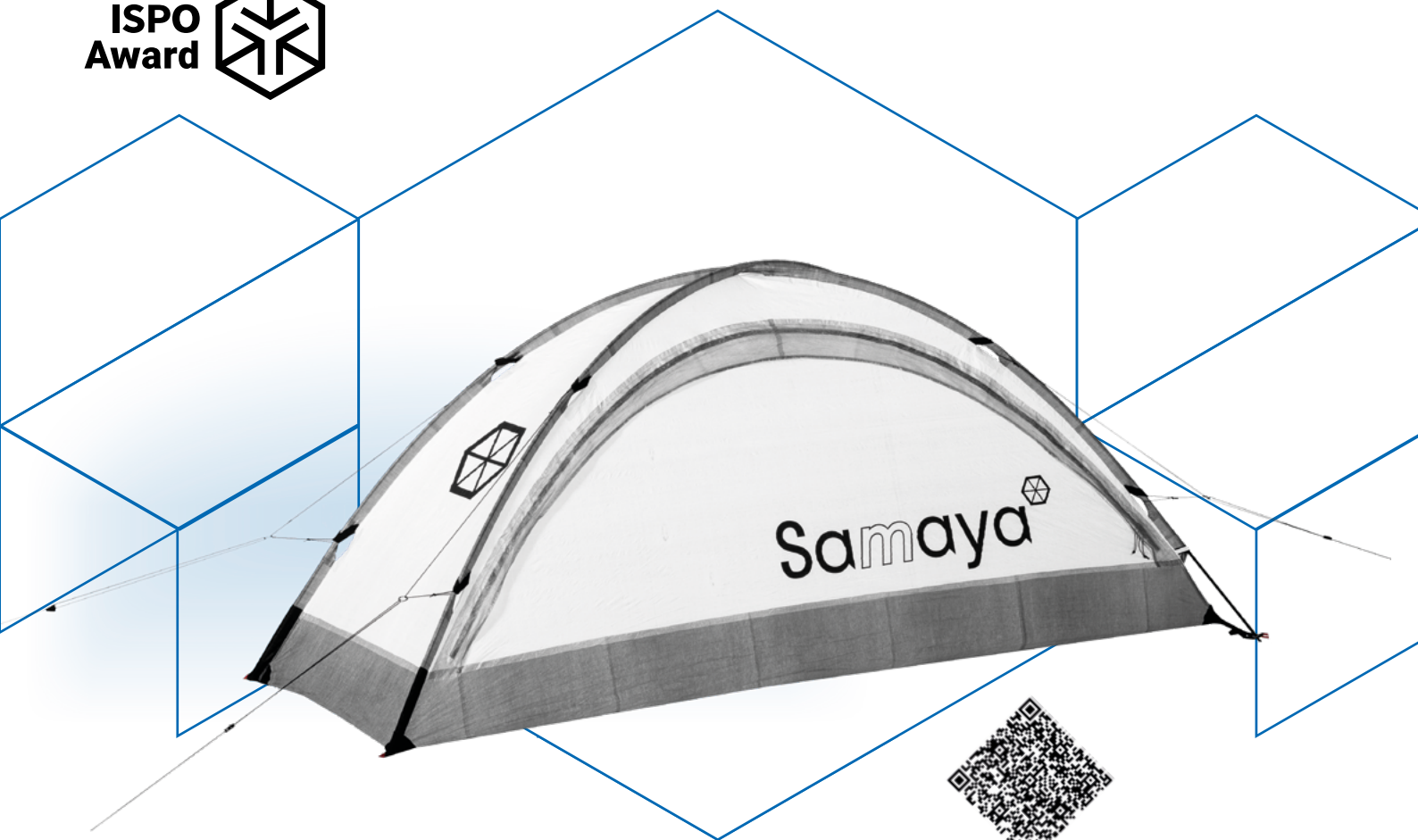
Product specifications:

Available: since March 2022

UVP: 330,00 €

→ turbat.ua/en





Minimalist 4-season shelter

Samaya®

With its Radical1 tent, Samaya breaks new grounds in terms of light weight, packability, and performance. Its bio-based material is also eco-friendly and waterproof.

The Samaya Radical1 is a minimalist 4-season tent for one person that is suitable for all conditions, even the most extreme ones. Its weight of only 655 grams and packed volume limited to 2 liters makes it the go-to tent for mountaineers, mountain guides and alpinists who look for minimalist equipment. French manufacturer Samaya designed the tent together with and for their athletes aiming to reach the best ratio between performance and light weight. With its cutting-edge materials, it provides safety even in the most challenging high-mountain routes.

The bio-based 2-layer Dyneema fabric with ePTFE membrane provides a great lightness/performance ratio, reduces moisture inside the tent and offers high-level waterproofness of 20,000 mm, which is supported by the seamless design. The walls have a high breathability of 40,000 g/m²/24h. The welded joint between floor and walls improves robustness and waterproofness, while the extremely narrow shape allows the tent to be set up even on the most vertical slopes. The carbon poles reduce weight while keeping high resistance properties.

Though the Samaya Radical1 is designed as a 1-person tent, it may give refuge to 2 athletes if needed. According to tests in Samaya's in-house cold chamber, the inner temperature warms up by 20 °C within 5 minutes with 2 people inside, creating a protective cocoon.

Another asset of the tent is its eco-friendly material. Walls and floor are made from bio-based Dyneema Composite Fabric (DCF), other components include recycled plastic pegs. DCF is tearproof and considered the strongest fabric in the world, being 15 times stronger than steel. It is also naturally water repellent, hydrophobic and protects the user from strong winds.

Jury-Statement:

"For Mountain sports enthusiasts who are on tour with light luggage and attach importance to low weight and small pack size in their equipment, this tent is the perfect fit."

ISPO Award Jury

Advantage overview:

- Lightweight: only 655 grams
- Compression: only 2 liters in volume once packed compressed
- Breathable walls: 40,000 g/m²/24h
- Eco-friendly: made from bio-based Dyneema® Composite Fabric (walls & floor) + recycled plastic pegs
- Waterproof walls and floor: 20,000 mm
- Tearproof
- Windproof

Product specifications:

Colour: White

Price: 1.500,00 €

Available since June 2022

→ samaya-equipment.com



Running pack meets roll-top



With this hybrid solution IAMRUNBOX is filling the gap between top-of-the-line runners gear and the everyday backpack.

The Everyday Rolltop from Swedish brand IAMRUNBOX is a hybrid solution filling the gap between top-of-the-line runners gear and an everyday backpack. It is the perfect hybrid that caters equally well to the avid runner as well as those who wish to wear one bag throughout the day. And the cherry on top? It is made from 53 recycled plastic bottles refined into a highly durable and 100% waterproof TPU fabric held together by welded seams. This construction and design makes it a recycled, waterproof and customizable everyday companion for everyday commuters that want to be more active in style.

This Everyday Rolltop companion can easily be turned from a durable and minimalistic everyday backpack into a runner's backpack in no time. The padded S-shaped shoulder straps ensure an ergonomically correct weight distribution. Snap-on the sternum strap for a snug fit that keeps your backpack rock steady on the run. For extra comfort and easy-access pockets in the front, attach the ergonomic "Waist Pocket Belt".

The backpack is stripped down from all unnecessary details leaving the user with a highly durable, ergonomic backpack and the option to modify the product to their own needs with an eco-system of accessories, add-ons, and packing organizers. The Everyday Rolltop, like the name suggests, does not look like the common running backpacks on the market. A conscious choice by the brand, made to make an active and sustainable lifestyle attractive to a broader group of people, even those who do not identify with a "neon-striped" and performance focused design. The backpack is made to last a lifetime using durable and recycled materials. It is also designed to cater to most activities that the everyday person might encounter in their everyday life or when commuting.

Jury-Statement:

"This hybrid backpack is not only a looker and really well designed, it also hits a nerve: using your own body to commute while running is an active, more sustainable and future-proof way of living an urban outdoor lifestyle."

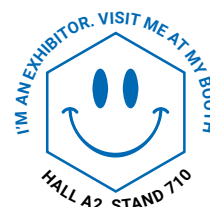
ISPO Award Jury

Advantage overview:

- Run in style: does not look like a classic running pack
- Adaptable from everyday backpack to running companion
- Waterproof, long-lasting material and design
- TPU fabric made from recycled plastic bottles
- Stylish product promoting a healthy & sustainable urban lifestyle

Product specifications:

Colors: Black, Navy, Orange, Gray, Green
RRP: 149,95 €



→ iamrunbox.com



For chair laps all-day long

With the CamelBak Powderhound 12 you move on the safe side when it comes to quenching your thirst on a long tour.

CAMELBAK

With 10 liters of storage space and a 2-liter reservoir, the Powderhound is the ideal backpack for ski resort vacations and occasional off-piste tours. The proven Crux Hydration System delivers 20% more water per sip. Add to that the Snowshed Back Panel, which is snow-repellent and the Therminator Carrying System, an insulated hydration tube guide with a zipper in the shoulder strap. This keeps the water supply reliable and frost-protected even in low temperatures. The Therminator Harness insulates the reservoir hose to prevent freezing, so water can continue to flow in ice, snow and sub-zero temperatures.

All in all, the Powderhound 12 Snowpack is a universal board and ski bag for all-day lift rounds or short backpacking trips. The Lift Access Quick Release Harness is designed specifically for chairlift trips so you can easily access your gear between carving. SnowShield Technology protects your gear all day long during your winter adventures.

So with the CamelBak Powderhound 12 skiers and snowboarders move on the safe side when it comes to quenching their thirst on a long tour and not suddenly being without water. And that in any weather. The Powderhound reliably gives athletes exactly what they and their bodies need.

Jury-Statement:

"This ski and snowboard backpack offers – despite its small size – not only space for a 2 liter hydration bladder. Also shovel, probe and first aid pack can be stowed without problems. A minimalist daypack for piste and backcountry."

ISPO Award Jury

Advantage overview:

- Snowshield Material
- Insulated Therminator Harness
- Lift Access Quick Release Harness
- Ski Carry (diagonal or A-Frame)

Product specifications:

Colors: Black/White, Grey/Orange, Blue Mist/Black

Price: 110,00 €

Available: November 2022



→ camelbak.com



Lightness made to last

PARBAT The Parbat A4M is a true minimalist: made entirely of Dyneema® composite fabric it is durable, waterproof and functional.

A4M, short for "Above 4000 Meters", has been designed by Parbat® as a backpack in response to the extremely demanding specifications of light and fast style athletes during alpine style ascents. The A4M is a compendium of technology, yet truly a minimalist: made entirely of Dyneema® composite fabric it is durable, waterproof and functional. The minimum weight of this modular backpack is only 480g.

Dyneema combines unique characteristics: lightness, durability and ease of repair. Optimal features for a technical product where every gram of weight matters. And also to extend the life of the product. The simple functional elements of the backpack also reduce the chances of fractures and wear, as a complex product has more chances of wear. The A4M, similar to other Parbat® products, has few fixed elements and many interchangeable and replaceable elements.

Alpine backpacks often have additional functions of low technical importance such as additional internal and external pockets that are sometimes filled with useless objects or are simply dangerous external dangling holds during mountaineering crossings. For this reason, Parbat® opted for a simple design reduced to the essentials.

Each element of the lightweight backpack has been designed for high repetitions of use even in extreme conditions. Even if products are made to last, there is inevitable wear when you use them. This is why the brand offers free repairs in their studio, where they also produce each of their products. This also prolongs the life cycle of their pack to make it more sustainable.

The simplistic design is inspired by the concept of ice, rock and crevasses. Observing their colors during sunrise and sunset the brand developed three backpacks in three different shades.

Jury-Statement:

"The minimalist design of this backpack is well-balanced: it is modular, so it can be adapted to be super lightweight. As it is made entirely from Dyneema, the Parbat A4M is really durable and a long-lasting buddy for all sorts of alpinist adventures to come."

ISPO Award Jury

Advantage overview:

- Made from abrasion and cut resistant, long-lasting Dyneema®
- Long product life cycle
- Made for light and fast alpinism style ascents
- Waterproof
- Modular, yet minimalistic design

Product specifications:

Size: 38 + 2 Liters of volume, unisex backpack

Colors:

Pantone 545C,

Pantone 2945c

Pantone 169c

RRP: 450,00 €

Available from November 2022

→ parbat.it



The backpack garage for crampons



The Pierra Ment EVO backpack by Millet comes with a unique feature enabling ski mountaineers to safely store their crampons when they're not needed.

MILLET's Pierra Ment EVO is a ski alpinism backpack dedicated to intense activities and committed ski mountaineers. In addition to loads of well-conceived features, it especially optimizes the handling of crampons through an innovative add-on named "IF – Isolate Free Yourself". MILLET developed this new concept based on the feedbacks of their technical advisors in an extensive 2-year product development process. In the course, it was tested again and again in the field and proved itself in practice for this intensive mountain sports activity.

Crampons are an essential performance and safety tool in skimo racing. Many competitors lose them or waste time storing them in the soft compartment of the backpack, whose hook-and-loop fastener doesn't always guarantee easy handling and a secure pocket closure. The Pierra Ment EVO provides a solution for these problems.

The expandable IF Isolate Free Yourself system improves access to the equipment and offers superior security for carrying the equipment that is essential for autonomous and safe progress in the mountains, such as crampons, or skins. It is completely removable from the bag, so the backpack can also be used during competitions or training sessions where crampons are not necessary, or when the user wishes to favor extreme lightness.

The semi-rigid plastic container does not crush stuff, fits the user's back, and follows his movements. Its plastic door with a magnetic closure (Fidlock® loop) provides high closing security and a semi-automatic closing system, another guarantee of closing. The design concept of the Pierra Ment EVO is centered on the asymmetry of use and linked to the key functions of the bag: while the IF sits on the lower right side of the bag, there is also a diagonal ski holder on its left side.

Jury-Statement:

"With this backcountry backpack from MILLET, small details make all the difference. Every tourer will appreciate this smart solution for safely stowing crampons."

ISPO Award Jury

Advantage overview:

- Innovative feature for ski mountaineers to keep their crampons safe
- Fast access
- Clever & secure magnetic closing system
- Abrasion and cut resistant material
- Removable

Product specifications:

Colour: Blue

Price: 249,99 €

Available: October 2023

→ millet.com



A backpack for a lifetime

Tropicfeel Shell Backpack is an extremely versatile backpack with multiple sizes and a lightweight, weatherproof yet minimalist design.

The dream of every traveller is a well organized backpack holding just all the essentials you need on various occasions. Bearing this in mind, the Shell is an extremely versatile backpack with multiple sizes and a lightweight, weatherproof yet minimalist design. A backpack for a lifetime, it meets the needs of the modern traveller, from daily commutes to work to long treks across the country. Its unique locker system allows you to optimize internal capacity and enhance the travel experience.

The adaptable 3-in-1 shell design can be switched between 22 and 40 liters. This means you can free up space when packing for a week-end trip and lock it back up when exploring during the day.

Shell has an accessory ecosystem to help you keep everything organized. Its wardrobe with integrated compression system packs up to 20% more items, so you can hang it anywhere and still have a fully functional and empty backpack for your daily adventures.

To cover both goals, travel and everyday life, all the features of a hiking and travel backpack, but also an everyday backpack were needed. In the extended version, the backpack is more like a hiking backpack, with extra space due to the kangaroo pocket and straps to pack everything you need. But if you want to use it in everyday life, you can squeeze the backpack and hide the kangaroo, then you have a perfect backpack for on the go. The Shell backpack is a successful combination of an everyday and travel backpack, so you can use it anywhere and anytime.

Jury-Statement:

"The Tropicfeel Shell backpack convinced the entire jury right away. The modular system, which enables three different areas of application, is not only practical but also sustainable: Buy one product and use it in many ways!"

ISPO Award Jury

Advantage overview:

- Made from durable and long lasting materials
- Breathable and water repellent materials
- Great accessory ecosystem which makes the pack well organized and truly modular
- Environmentally friendly through the use of recycled materials
- Lightweight
- High performance finishes

Product specifications:

Colors: Green, Chocolate red and Black

RRP: 249,00 €

Including inner wardrobe system

→ shop.tropicfeel.com



Kids and parents love this ski boot



The Fischer ONE & TWO take children's ski boots to the next level: light and easy to handle as well as a completely new and innovative design.

What does a ski boot for kids have to be able to do? In the development process, the Fischer product team first spent a lot of time with children in the snow, talking to parents, ski instructors, and boot fitters. It quickly became clear that the most important factors were the boot's weight and its ease and intuitiveness of use. As a result, Fischer ONE & TWO are more than just shrunk-en copies of adult or youth ski boots. Buckles or even the ratchets known from children's models are sought in vain. „We have deliberately dispensed with them,” states Christoph Lentz, Product manager for Fischer.

“For one thing, it's really hard to determine when the boot was closed too tightly or too loosely with a ratchet buckle. And smaller children often find it hard to close buckles themselves,” explains Lentz. That's why the width of the inner shoe is adjusted with an easy-to-close hook-and-loop fastener. In addition, the protective gaiter is zipped up at the front with a zipper that children's hands can easily operate with an extra-large puller. The new children's ski boot thus consists of an innovative construction of soft parts and a hard ski boot shell. The soft gaiter made of PVC keeps warm and is lined on the inside; at the same time, it is tear and abrasion resistant on the outside.

The fact that this outer layer keeps feet warm was particularly important to the team because nothing ends a child's ski day faster than cold feet. And for that, the ski boots have to fit really well. The shape of the toe box was specially adapted for this purpose, and the inner boot can also be adjusted when the feet have grown. This new design allows the ski boots to be worn longer as the child grows.

Jury-Statement:

“With the two children's ski boots ONE & TWO from Fischer, the innovative overall concept has convinced us. A truly child-friendly ski boot that offers the little ones optimum support and makes the often tedious putting on and taking off of ski boots much easier for kids and parents.”

ISPO Award Jury

Advantage overview:

- Velcro fastener instead of buckles for enough hold yet child-friendly handling
- Two side straps for easy pulling up
- Inner boot adaptable to fast-growing feet
- Non-slip GripWalk® sole
- Waterproof, warm and robust gaiter with zipper

Product specifications:

Sizes:

Fischer ONE: 15.5, 16.5, 17.5

Fischer TWO: 18.5, 19.5, 20.5

Weight:

400 g (Fischer ONE),

415 g (FISCHER TWO)

Available in stores from: Fall 2022

Price:

Fischer ONE 109,99 €

Fischer TWO 119,99 €

→ fischersports.com



Thermal solution for professional mountaineers

SCARPA

With the Phantom 8000, Scarpa succeeds in providing a professional and easy-to-use boot thermal solution for extreme cold conditions during expeditions.

Cold can be dangerous, especially if it concerns cold feet when climbing at 8,000 meters this leads to a serious problem, as frostbite can jeopardize ascent and descent on a mountain expedition. Likewise, people on expeditions in other extreme regions such as the Arctic need shoes warming reliably.

Scarpa now offers a solution with the Phantom 8000 Thermic HD and its integrated thermal solution. This was developed together with the well-known Nepalese mountaineer Nirmal Purjia. The shoe is technically built and designed for high altitudes. The Phantom 8000 Thermic HD should thereby optimally warm the feet, but also protect other muscles from cooling down.

Up to 75% of our muscle power can fall victim to the cold. This results in a reduction in muscle power and endurance. Thermo Transfer Technology can apply heat to the critical areas. Muscle power is restored, the blood flow is stimulated, and the cold chills end. THERM-IC will preserve from injury, so your physical performance and safety will be re-established. "Keep your feet warm, and you will benefit saving energy, power and endurance", is the message that Scarpa wants to send with this product line.

Another aspect of the shoe describes the brand's approach to sustainability. Since no shoe can currently be 100% sustainable, Scarpa is committed to an environmental and social sustainability profile that aims to improve all activities along the entire life cycle, from raw materials to product recycling.

Jury-Statement:

"A thoughtful choice and combination of materials makes climbing the highest mountains and moving in freezing conditions more comfortable with this shoe. In addition, the cleverly integrated thermal system allows you to keep your feet warm at the touch of a button and thus maintain performance for longer. A robust and professional solution for ambitious mountaineers."

ISPO Award Jury

Advantage overview:

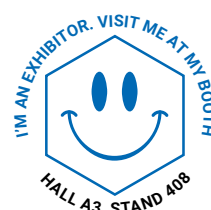
- Thermal regulating
- Lightweight
- Quick dry
- Recycled Materials like Primaloft Gold insulation

Product specifications:

Available: October 2023

RRP: 1.299,00 €

→ [scarpa.net](https://www.scarpa.net)





Light, waterproof and super warm

reima Megapito boots from Reima keep children's feet reliably warm even in seriously low temperatures.

Children and snow are an unbeatable combination – but only as long as everything is packed warm and the big freeze doesn't start. Then child and parents quickly lose the fun.

With the Megapito children's boot, Reima wants to prevent just that and has developed a boot that still reliably keeps warm even at the lowest temperatures.

This much is clear: a Finnish company based north of Helsinki brings enormous credibility right from the start when it comes to producing warm gear. And that's exactly what Reima has been doing since 1944 – initially only for clothing, and in 2004 the first shoes were added.

With the Megapito, Reima has now developed a children's boot that defies temperatures down to -30 degrees Celsius. The boot, which will be launched for the winter of 2022/23, is waterproof, particularly flexible in the sole and easy for children to wear. It is offered in four timeless colors, yellow, blue, red and black. To ensure that children can also enjoy premium function, Reima has brought well-known suppliers on board. Warmth and breathability are provided by 400 grams of PrimaLoft insulation. In addition, Reima uses a new Vibram technology in the sole, the Vibram Traction Lug Technology. The special shape of the lugs improves grip and traction of the outsole. This means that the shoe remains slip-resistant even on snow and ice. Studies confirm a higher propulsion and braking power. The boot is manufactured using DIP technology. DIP stands for Direct Injection Process and refers to a manufacturing technology in which the sole and upper are directly moulded together. Shoes made this way do need less glue and are particularly flexible and robust.

Jury-Statement:

„Having warm feet outside makes all the difference for children in winter. But the boots have to fit just as well. Well thought-out details in the design, the non-slip sole and the fit make all the difference with the Megapito.“

ISPO Award Jury

Advantage overview:

- Reliable protection from the cold down to -30 degrees Celsius
- Still a lightweight, flexible shoe
- Clean, child-friendly design
- Use of premium partners such as PrimaLoft and Vibram
- High-quality workmanship

Product specifications:

RRP: 129,00 €

→ reima.com



Like a glove for your foot

Ultimatefit liners provide great anatomical fit around the ankle and of course the foot for high-performance and race ski boot shells.



It is difficult to combine comfort and performance in a ski boot. Yet, every serious skier is on a quest to find the best compromise between comfort and precision. To support alpine skiers with better material and fit, Mark Festor started building an innovative ski boot liner built around the foot functions and not around the shell. The goal was to develop a mechanically solid liner that would be easy to fit and that would allow for improved responsiveness for the skier's ankle.

A revised edition of Mark Festor's older prototype liners could be realized with the help of an Italian liner manufacturer in 2019. The new design consists of a combination of heat moldable ankle pad made to match your ankle bones and a thermo moldable foam cradle around the heel section, providing the rear foot section an unprecedented heel bucket. The tongue has been completely defined in terms of stiffness and integration of cork material increasing the lower leg contact with the shell all testers were raving about. The liner will provide an exceptional bio-mechanical ankle transmission to the shell, improve the biomechanics of the foot in its mid section and solves complex fitting issues, no matter the ski boot stiffness. The Ultimatefit ski boot liner is mechanically solid and is easy to fit, allowing improved responsiveness for the skier's ankle. It is constructed with innovative ankle pads and a combination of thermolastic resin and foam pads around the rear foot section. The Ultimatefit FIS ski Race liner is recommended for performance shells and racing ski boots from shoe sizes 21.5 to 31.5. It is a great customization solution, making it easy to blend different technologies, such as special thermo lining material or special ankle pads. For the liners to work, they must be fitted by trained skiboot technicians. The patented technique may also be integrated in production OEM liners. Ultimatefit wishes to provide the key ski boot manufactures the support in the development of this innovative technology in their range of shoes, especially for the performance shoes or junior racing program.

Jury-Statement:

"Fit is key if you want a ski boot that performs. These liners allow to be fitted precisely in race or performance shells. Their design speaks through the heel section, tongue and toe box speaks for themselves."

ISPO Award Jury

Advantage overview:

- Liner that fits the foot, not the shell
- For more precision without compromising comfort
- More toe room and greater ankle support
- Snug sensation without uncomfortable vise-like grip

Product specifications:

Size: 215–315

RRP: 375,00 €

Available in stores from mid 2022

→ ultimatefitliners.com



Casual look with heating function

With its intelligent warming softshell ski hoodie, Fooxmet shows how inconspicuous and streetwear-friendly tough functions such as integrated heating can be.

FOOXMET

If you think of heated jackets, you might still have bulky clothing with impractical cables in mind. But that is outdated. Fooxmet from China has equipped a simple, light hoodie with an intelligent thermal function that cannot be guessed from the outside. The function can be activated via a button on the hem. The hoodie connects via the associated app, which can also be used to continuously adjust the temperature from 30°C to 53°C. Automatic temperature adjustment depending on the level of activity is also possible with a sports mode, indoor mode, outdoor mode and cold mode. Other functions such as timing mode, brightness control and light effect options are also possible.

The hoodie was developed for skiing, so it stays true to the demands of skiing. It consists of a four-way stretch material and is also windproof, waterproof and breathable. The waterproofness is 20K and the water vapor permeability is more than 20K. However, its actual application possibilities go far beyond that. Essentially, Fooxmet has created a garment that can be worn at any time of the year.

Jury-Statement:

"What impresses me most about this hoodie is how unobtrusive it is - despite its integrated features. I can easily imagine how it could turn heads on the slopes. It's also incredibly versatile and covers almost every climate zone."

ISPO Award Jury

Advantage overview:

- Integrated heating function controllable via app
- Waterproof
- Windproof
- Four-way stretch
- Versatile use

Product specifications:

Available for men and women
Market launch October 2022 in China

→ fooxmet.tmall.com



Sustainable and inclusive monoski set

Adidas Terrex has created an adaptive wear monoski outfit with and for female athlete Quinn Brett that is a highly technical, sustainable and more inclusive solution for winter sports.



Together with and for the female athlete, Quinn Brett, adidas Terrex has created an adaptive wear monoski outfit. Quinn is an adventurer and multi-record breaking athlete. In 2017 she fell while climbing El Capitan leaving her paralyzed from the waist down. Since then she has found a new passion in monoskiing. In cooperation with Quinn, adidas Terrex has created a specially constructed monoski jacket and pant made from elasticated, Rain.RDY warpknit fabric and sustainable Flooce lining to support her needs.

The Terrex Techrock adaptive wear monoski jacket and pants solve the issues of a person monoskiing who is paralyzed from the hips down. This person has no feeling in their legs which means that any wrinkle or pressure point can cause bruises or wounds on the skin.

The jacket is shorter in the front for less bulk during activity while sitting in the monoski. The pant is higher at the back since normal pants are not high enough. Additionally, there are added pockets at the lower backside of the jacket, on the chest and on the arm sleeve in order to give easy accessibility to personal items like cellphone, lift pass or keys. The leg hem is constructed in a way to avoid frostbite from snow coming in. Most visibly and highly important, the pants have a special toilet zip opening. Quinn has worked on a special toilet opening zip construction with adidas Terrex that makes it easier for paralyzed people to use the toilet. The zip is opening all around from front to back side and is made without causing any pressure points. It also is waterproof at the same time.

The jacket has been made for the female Terrex athlete Quinn Brett and will not be sold commercially.

Jury-Statement:

"Ski apparel made for healthy people is not working for monoskiers. This adaptive ski outfit is highlighting how a brand can create more inclusive solutions by meeting the needs of an athlete and additionally using more eco-friendly materials."

ISPO Award Jury

Advantage overview:

- Shorter front and lower back of jacket allowing better range of movement
- Pant constructed for seated position with less cutlines
- Toilet zip opening for easier handling
- Cutline and construction made for female bodies, e.g. slightly fitted jacket
- Use of eco-friendly yet highly performing materials

Product specifications:

Elasticated, Rain.RDY warpknit fabric
Warm Flooce lining
RRP: 900,00 €

→ [adidas.com](https://www.adidas.com)



Light boots for winter hiking

Winter hiking is one of the most popular outdoor winter activities in recent years. Merrell picks up on this trend with the MTL Thermo Rogue 4 and gives sporty hikers an agile winter hiking boot.

MERRELL

What does Nasa have to do with a hiking boot? Well, the insulation of the agile and technical mid-cut hiking boot was developed in the style of the US space agency's spacesuits. The high-tech material is called Oros Solarcore insulation. However, the shoe's high technical features do not end with the warming layer, but run through the entire construction of the lightweight hiking boot.

"Our goal was to deliver the ultimate high performance, lightweight winter boot that sacrifices nothing in terms of the durability and comfort that consumers expect from the Merrell brand", says Nathan Buelow, Senior Brand Manager Merrell.

The Thermo Rogue 4 appeals to the latest generation of winter hikers. It is a lightweight, sporty winter boot with robust features. An outsole with Vibram Arctic Grip, well-placed traction lugs provides stable footing on uneven terrain. Gore-Tex upper provides the necessary waterproofing and ventilation when outdoors in inclement weather.

Jury-Statement:

"This is the kind of shoe modern hikers and outdoor enthusiasts are looking for in winter – athletic and durable winter hiking boots. The MTL Thermo Rogue 4 also provides the best possible sure-footedness, warm and dry feet and compact, lightweight construction. Despite the lightweight construction, it is robustly designed. That is contemporary and ensures a longer life."

ISPO Award Jury

Advantage overview:

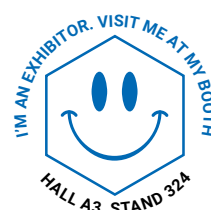
- Solarcore technology
- Vibram Ice Trek and Traction Lug
- Lightweight
- Waterproof & Windproof
- Quick dry

Product specifications:

Available: Q3 2023

RRP: 280,00 €

→ [merrell.com](https://www.merrell.com)





Next level trail running

With the next version of the Agility Peak, Merrell is taking the path more consistently than ever before. Comfort meets tactility and contemporary design.

MERRELL

With this update, the Agility Peak enters its fifth version. The shoe relies on proven elements, without forgetting the innovative character. The ultra trailrunning boot has become an absolute top shoe that supports the current trend of fast hiking in addition to its running performance on the trails of this world.

Comfort is a priority in the Agility Peak 5. This is supported by a more contemporary increase in the midsole and the accompanying better cushioning of the shoe. The weight of the shoe remains low thanks to the lightweight FloatPro Foam. Things also get interesting with the outsole. It has been constructed in such a way that the agile shoe experiences maximum grip and also knows how to shine with tactile properties. This allows to run through uneven terrain with great stability. Additional stability is provided by an extra sling on the heel, which is additionally fixed. All together results in a perfect trail running shoe for a safe and perfect performance in the mountains and on all other uneven surfaces.

Other features clearly show the next stage of development. The rocker construction has been increased and the weight reduced to less than 300 grams. Gore-Tex ensures the usual good, waterproof functionality. The high protective edge along the entire shoe is also striking. This additional protection of the mesh upper will certainly have an impact on the durability of the Agility Peak 5.

Jury-Statement:

"Whoever manages to combine the tetrad of cushioning, traction, lightness and weatherproofing in one shoe takes the hybrid trail running shoe approach to the next level. A state-of-the-art running shoe for professionals that is equally oriented towards the needs of fast-moving hiking fans."

ISPO Award Jury

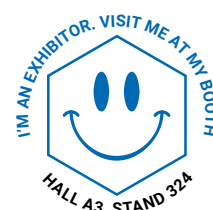
Advantage overview:

- Vibram Megagrip outsole
- Vibram Traction Lug
- Gore-Tex Waterproof Membrane
- Lightweight

Product specifications:

Available: second half 2023
RRP: 160,00 € (without GTX)
190,00 € (with GTX)

→ [merrell.com](https://www.merrell.com)





Seamless Apparel made from wood-based Tencel™ and Tencel™ Luxe – without elastane

TENCEL™
LUXE

Seamless apparel used to require an elastane content to ensure elasticity and shape recovery. The Seamless Athleisure Set by Sidonios x Tencel™ Luxe, however, does completely without.

Especially in soft sports categories like Athleisure, Yoga and Pilates, comfort and sustainability play a particularly important role. With the new Seamless Athleisure Set, Portuguese seamless specialist Sidonios Tech has developed a workout combination, consisting of leggings and a long-sleeved shirt, that avoid petroleum-based stretch fibers. The future will bring limited editions and collaborations with different designers and brands. Instead, 100 percent TENCEL™ Lyocell components are used: TENCEL™ LUXE, Lenzing's first lyocell filament yarn, as a substitute for petroleum-based filaments, blended with TENCEL™ lyocell staple fiber. This made it possible to create a seamless bi-stretch product that uses only one raw material source and thus may be suitable for circular processes. Just like TENCEL™ fibers, the TENCEL™ LUXE filament yarn is made from cellulose pulp. This is derived from wood from sustainable managed forests in accordance with the Lenzing Group's strict Wood and Pulp Policy. Sustainable and resource-saving production is ensured by a closed production cycle that minimizes environmental impact through low water and energy consumption and the economical use of raw materials. For example, the process water is recycled and the solvent reused with a recovery rate of more than 99 percent. The TENCEL™ LUXE lyocell filament is a bio-based* product that is certified by the Vegan Society, and accredited as biodegradable** and compostable*** under various conditions.

* LENZING™ Lyocell fibers and LENZING™ Lyocell filament yarns are certified Biobased Products by USDA's BioPreferred® program
** "OK Biodegradable Soil", issued by TÜV AUSTRIA, *** "OK Compost Home" and "OK Compost Industrial", issued by TÜV AUSTRIA

Jury-Statement:

"The search is on for more sustainable alternatives to petroleum-based fibers. Athleta proves that there is a 100 percent plant-based solution even for leggings and bustiers. Being a monomaterial, they are even recyclable."
ISPO Award Jury

Advantage overview:

- 100 percent bio-based
- Bi-stretch without elastane
- Moisture management
- Quick dry
- Reduces consumption of water, energy and CO₂ emissions
- Recyclable

Product specifications:

Available for women
Intended usage athleisure, yoga, pilates

→ tencel-luxe.com



Ultralight and sustainable hoodie made from merino and bamboo

LÉ BENT

For the new Feathertop Ultralight Hooded LS Tee, Australian brand Lé Bent blends merino wool and bamboo fibers to achieve excellent product properties thanks to innovative Nuyarn spinning technology.

The sustainable hoodie was developed by Lé Bent in collaboration with Nuyarn's innovative yarn spinning technology. The ultra-lightweight 125g blended fabric is made of merino wool and bamboo, with the two fibers working together in perfect harmony. The merino fibers absorb moisture vapor, while the bamboo fibers absorb water droplets. This results in maximum moisture management and breathability while retaining warmth. Unlike conventional spinning processes, which compromise the natural potential of the fibers by twisting them into a rope-like structure, Nuyarn technology develops the merino and bamboo fibers into one yarn without severe twisting. This creates a structure with more volume and ventilation, enhancing the natural properties of the fibers and leading to better performance.

The soft yet durable hoodie is designed for high performance sports, winter sports, outdoor and trail running categories. The high breathability and moisture management, as well as the ultralight weight of the shirt make it ideal for year-round use.

Thus, the hoodie does not require any synthetic fibers at all. Also, no aggressive chemicals are used in the production of the loose bamboo fibers, combing, spinning and dyeing.

Jury-Statement:

"The light, soft material is particularly pleasant to the touch and yet brings a certain robustness. The working split between merino wool and bamboo makes the hoodie a versatile top for a wide range of activities."

ISPO Award Jury

Advantage overview:

- Abrasion resistance
- Breathable
- Eco friendly
- Lightweight
- Moisture management
- Quick dry
- Thermal regulating
- UV protection

Product specifications:

Colors: Mens – black and twilight blue;

Womens – Black and Sage

Intended usage: high performance sports, winter sports, outdoors, trail running, hiking

Market launch: September 2023

→ lebent.com



Cold Water Comfort

Integrated graphene particles and a super-stretchy neoprene make O'Neill's Hyperfreak Fire wetsuit the go-to product for staying warm and performing in the water for longer.



The Hyperfreak Fire wetsuit range features Heat Trapping Technology for more warmth, higher performance, improved durability and comfort. All-new butter-soft and heat-recirculating TB4 materials line each suit. These technologically advanced materials, along with O'NEILL's fully sealed Fluid Seam construction, have created a new cold water suit that is also really stretchy and allows a great range of motion.

O'NEILL's Hyperfreak Fire wetsuit represents the latest evolution in an ongoing quest to integrate sustainable materials and advanced technologies into their performance products. The integration of thermal-retentive Graphene particles into the inside layer of our super-stretch Technobutter neoprene makes Hyperfreak Fire wetsuits warmer without sacrificing the great stretch of the world-renowned Hyperfreak series of products. Designed to match the function of the product with technically advanced yet subtle visual texturing on the outside, this wetsuit also features a fiery hot appearance throughout the inside.

Unrivalled flexibility, infused with heat trapping technology allows the wearer to perform and stay in the water for longer, even in the harshest conditions.



Jury-Statement:

"With this new wetsuit cold water seems not to be so cold anymore. The new construction focused on flexibility and agility of the movements. Wearability, lightness and quality of the sealing makes this wetsuit a perfect choice for the enthusiastic surfer".

ISPO Award Jury

Advantage overview:

- Eco friendly
- Lightweight
- Tearproof
- UV protection
- Warmer through the use of thermal-retentive Graphene particles

Product specifications:

RRP: 299,95 €–449,95 €
Available: October 2022

→ oneill.com



Effective extra power



A pair of running shorts with a high density of innovation and technology. Effektor 4D Running Streamlite Shorts not only improves running performance, it also brings recovery.

Coming up with something new in the development of running trousers is certainly not easy. But X-BIONIC stands for new technologies and well-thought-out products, developing them technically for the high-end sector.

This is what happened with the Effektor 4D Running Streamlite Shorts. What sounds confusing in the name, the shorts live up to it. Ventilation is also provided at the front and back of the waistband. The knitted fabric embedded there offers optimal ventilation in a sensitive area via air channels. A great solution, and to our knowledge never implemented in this way. For us, an absolute highlight of this product.

The compression properties of X-BIONIC products are also convincing. This is transferred to the legs via the inner layer of the Streamlite running shorts, and is addressed through targeted knitted fabric. Partial compression at its best.

The high-tech running shorts support natural thermoregulation and allow good ventilation during activity. The sweat management, as it is also called, is convincing. The compressible and regenerative properties of the shorts should enable an increase in performance during running. According to measurements, the pants should reduce the heartbeat by 2.4 beats per minute.

The lightweight running shorts leave a high-quality impression. The materials chosen are a good balance of robustness and weight. Worn comfortably and barely noticeable. Perfect for a relaxed run, including longer distances.



Jury-Statement:

"An all-rounder for any distance with fine features such as an optimally and newly placed ventilation at the front waistband. In addition, partial compression with a regenerative and muscle activating effect. Proud price, but many state-of-the-art technology details. A double-layered running pants, in which also ultrarunners will have their joy."

ISPO Award Jury

Advantage overview:

- Lightweight
- Compression
- Eco friendly
- Organic
- Thermal regulating

Product specifications:

Available: March 2023
RRP: 169,00 €

→ [x-bionic.com](https://www.x-bionic.com)



Mint-scented base layer made entirely in Spain



Ternua made this seamless base-layer Seal L/S T-Shirt M&W in its own factory in Spain, using nylon collected and recycled locally from discarded fishing nets.

Supply chains don't always have to be long: Ternua's SEAL L/S T-SHIRT M&W was made in its own factory in the Pyrenees using Seamless technology. It is made of a functional recycled nylon yarn that comes from discarded fishing nets collected in Spain. It was developed together with Spanish technology partner and yarn specialist Antex. All the yarns used are Oeko-Tex certified and therefore harmless to health. They have also been given an anti-odor treatment by HeiQ. This finish is based on mint oil instead of a metal-based antibacterial treatment.

This versatile and technical base layer can be used all year round for activities in the mountains. With HeiQ Fresh MNT odor control, the T-shirt also requires less washing, which in turn saves water, detergent, energy and microfibers and extends the life of the garments.

The t-shirt is available for men and women, with the product specifically designed to fit both body shapes. The designs and colors were also developed separately for both genders.

Jury-Statement:

"The special charm of this base layer made from recycled yarn is that the yarn was collected, recycled and processed in Spain. The anti-odor treatment based on mint oil is also exciting."

ISPO Award Jury

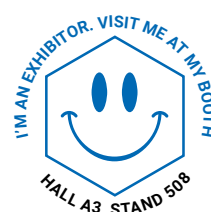
Advantage overview:

- Short supply chain
- Recycled yarn from Spain
- Light weight
- Moisture management
- Quick drying
- Heat regulating

Product specifications:

Available in two colors for men and women
Available in sizes XS to XXL for men and women
Market launch: September 2023
Retail Price: 59,95 €–64,95€

→ ternua.com





Running on clouds with maximal cushioning



The On Cloudmonster has a particularly high sole that cushions the foot on landing and enables powerful push-offs.

The Cloudmonster running shoe from On features the most cushioned outsole for high energy return that the Swiss sportswear brand has brought to the market so far. The shoe with the unique look convinced the ISPO Award jury with its cushioning and running feel.

"CloudTec" is the name of the sole technology with which On has celebrated surprising successes in the last 12 years and developed into one of the leading running shoe manufacturers worldwide. The soles consist of small hollow chambers that are connected to each other. As a result, these Cloud elements react to individual movements both individually and as a unit, cushioning the landing in both horizontal and vertical directions. The chambers are compressed during landing and thus form the basis for powerful push-offs.

The On Cloudmonster appeals not only to runners who pay attention to functionality, but also to fashionistas who want to wear an extraordinary look. The men's version in all black is dark and cool.

With the Cloudmonster, On has taken technology to the extreme. Its sole is so thick that it offers space for two layers of clouds. This increases both cushioning and energy return and provides an even softer running feel. Beside the visible Cloud elements CloudTec includes a so-called Speedboard. This liquid-injected flexible plate of polypropylene lies between the midsole and the upper shoe. When the foot hits the ground, the Speedboard is bent and absorbs the energy of the impact – similar to an archer drawing a bow, as On co-founder Olivier Bernhard once explained. On push-off, it releases the energy again to propel the runner forward in a powerful way.

Jury-Statement:

"Generously soft cushioning, and at the same time a rockered sole construction makes for a pleasantly effort-saving and dynamic movement. The feeling of running with the On Cloudmonster is definitely a different one."

ISPO Award Jury

Advantage overview:

- High cushioning
- High energy return
- Breathable
- Quick drying
- Recycled materials

Product specifications:

Available from March 2022

RRP: 169,95 €

→ on-running.com



The all weather companion



A body-fit full zip mid-layer with a special zone membrane solution combined with knitted material. The structure is designed to cool the body naturally.

The product is designed for training sessions or endurance competitions in cold and windy conditions. The special knitted technologies support the body's natural temperature regulation. The laminated membrane at the front protects from wind and over cooling. The protective membrane elements have been integrated into particularly wind-exposed areas of the layer jacket. In this form, certainly a new and innovative approach to combine materials.

This jacket is designed to offer the full advantage of thermoregulation without restricting freedom of movement. For a targeted effect, intelligent functional zones are positioned even more precisely in the ultra-dense knitted fabric. The product is designed for training sessions or endurance competitions in cold and windy conditions. To make clear once again the basic idea of X-BIONIC behind the development of this jacket: to combine wind protection through a laminated membrane on the front, with already existing and award-winning 3D technologies. The goal, a performance product for ambitious athletes. This goal seems to have been achieved.

Last but not least, the X-BIONIC Windskin Transmission Layer scores points with regard to the haptic impression that a tight-fitting sports layer should have. Whether running track on cool days or wearing it as midlayer in other sports, it is a comfortable solution with tendencies to become a real favourite piece.

Jury-Statement:

"According to the motto: There is no such thing as bad weather, only wrong clothes, X-BIONIC has reached deep into the bag of tricks and created a very sophisticated mid-layer for (ski) cross-country skiers and endurance athletes in cold and windy conditions. Sufficient wind protection on the front and freedom of movement through an extremely stretchy fit support the natural thermal regulation. The completely continuous zipper rounds off the overall package. High-tech solution for endurance lovers."

ISPO Award Jury

Advantage overview:

- Thermal regulating
- Windproof
- Moisture management
- Antibacterial
- Bi-stretch
- Breathable

Product specifications:

Available: September 2023

RRP: 249,00 €

→ [x-bionic.com](https://www.x-bionic.com)



Currex InsoleFinder – your digital shopping advisor



Currex has developed a new solution to increase shoe comfort and minimize the risk of injury for their customers through customization with insoles. This is made possible with the AI-based Currex InsoleFinder.

A shopping experience shouldn't be complicated! CURREX's InsoleFinder has made things even simpler, providing an online tool for the individual fit of insoles in sports shoes. Customers can use the tool to easily configure the perfect-fitting 3D insole to support their foot shape and shoe type when shopping for shoes online. The CURREX team has examined and analyzed more than 10,000 feet over the past year and trained a unique neural network. The AI technology measures the inner arch of the foot via a photo and determines the required shape of the insole. The software application can be quickly and seamlessly integrated into any online store and is therefore also intended for retailers to enhance their customer's experience. There is no need to download an app and it simply works via your Internet browser.

CURREX was founded in 2000 by former professional triathlete and sports scientist Björn Gustafsson with a clear vision: to help people move healthily throughout their lives.

The company develops professional motion analysis systems and dynamic insoles for more than 10 sports – from running, hiking and soccer to cycling and tennis. CURREX is sold in more than 50 countries worldwide, and in Germany and Austria alone, the insoles can be experienced at more than 500 retailers.

Jury-Statement:

„When it comes to personalizing sports products, easy handling of the respective tool is essential. CURREX's InsoleFinder is a prime example of this.“

ISPO Award Jury

Advantage overview:

- Unique image analyzing artificial intelligence
- Individual foot type determination
- Works via Internet browser – no app download required
- For B2B customers: very simple implementation in online shop

Product specifications:

Available: Online tool is active
Price: e.g. Hiking insole 44,95 €, use of the InsoleFinder free of charge

→ currex.com



Minimalist on the run



When developing the Zero Jacket, the Swiss sports brand On aimed to reduce every detail to a minimum in order to achieve maximum performance.

The ON Zero Jacket should give the wearer an effortless feeling while running, as it is one of the lightest running jackets on the market. It is made from 100% recycled polyamide mini-ripstop fabric and has been treated with a water-repellent DWR coating that is PFOS-free. The thin yet durable material has an almost see-through effect and makes the jacket very small to pack and easy to stow away.

The technologies used strike a balance between being windproof and breathable. The fabric has a weight of just 29 grams per square meter. Thanks to other extremely lightweight details such as the zip tape, the Women Zero Jacket in size S weighs just 51.8 grams and the men's version in size M weighs 60.6 grams.

With its minimalist look, the Zero Jacket also scores style points. ON's design inspiration was the motto "Speed of Light" combined with influences from nature. "The Zero Jacket is an ultra-light running jacket whose appearance is reminiscent of the wings of a dragonfly. The color gradient also symbolizes the speed of movement," says Daniel Hanssler, Apparel Product Management Lead at On, summarizing the advantages of the jacket.

The Zero Jacket is designed for ambitious runners with high goals and a minimalist attitude. It is best suited for light, fast running and training in unpredictable weather. Then it protects against cold wind and rain and keeps the body warm when in motion without weighing the runner down.

Jury-Statement:

"The jacket is so light and compact that you no longer have to think about whether to take it with you. It fits everywhere and offers reliable protection from wind and rain. Its absolutely low weight, the one hundred percent recycled and durable material thanks to ripstop, as well as the futuristic design make it a loyal companion when running."

ISPO Award Jury

Advantage overview:

- Packs small and is easy to stow
- Doesn't weigh you down thanks to lightweight details and fabric
- Breathable yet windproof and water-repellent
- Quick drying
- Recycled materials

Product specifications:

Sizes: XS–XL (ladies)
S–XXL (men's)
RRP: 159,95 €
Available since March 2022

→ on-running.com



New baselayer



Crafted for high intensity winter sports activities, Odlo's Revelstoke PW 150 delivers a new benchmark in merino performance base layers.

Performance Wool powered by Nuyarn represents the pinnacle of ODLO's new merino performance base layer offer. Crafted to outperform 100% wool in fit, form and function via an innovative spinning technique that results in a performance blended fabric that is faster drying, stretchier and longer lasting. All while utilizing less resources in the production process.

The highlight of the Nuyarn material is its patented production method. Nuyarn produces yarns for which wool fibers are spun along a core of high-performance filaments. In this two-layer technique, the yarn is first spun in one direction („S"), then neutral to parallel, and finally again in the opposite direction („Z"). This means that the wool fiber is not twisted in itself and a structure is created that enhances its natural properties – in contrast to the traditional ring and rotor spinning processes, where the original potential of the fibers is compromised by the twisting. The Nuyarn yarn, on the other hand, does not twist the fibers and thus preserves the wool's natural abilities, for example in heat retention, moisture transport and wearing comfort.

By partnering with Nuyarn, ODLO was able to engineer a high performance base layer that delivers the best of both worlds: blending the natural benefits of merino fibers with the performance functions of synthetics. The Revelstoke PW 150 baselayer is designed for performance-oriented winter athletes who engage in intensive sweat-inducing activities such as skiing, snowboarding, touring, cross-country skiing or running.

Jury-Statement:

"Wool has many advantages, but also disadvantages – especially in sweaty sports. Here ODLO uses the new merino technology Nuyarn, which eliminates some of these disadvantages due to a novel spinning process: the Revelstoke PW 150 has less weight, it is warmer, more robust, more elastic and it dries faster."

ISPO Award Jury

Advantage overview:

- Antibacterial
- Breathable
- Good moisture management
- Thermoregulating
- Odor-inhibiting
- Soft
- Robust
- Sustainable

Product specifications:

RRP: 110,00 €

Available: September 2022

→ [odlo.com](https://www.odlo.com)



A state-of-the-art product

Bergans
OF NORWAY

This jacket sets a new standard for lightweight, technical midlayers, both in terms of performance and durability.

The sustainable merino wool with durable Cordura Tecnostretch offers a composition of thermal regulation and breathability. The ceramic finish strengthens wear resistance. Raglan seams are reinforced with tape. The hood can be worn under the helmet. An additional layer of fabric has been added to the back of the hood, which functions as an integrated neck warmer. The entire jacket is a result of innovative ideas and technologies.

Y MountainLine Wool Midlayer Jacket is a state-of-the-art product. Using the most advanced material technology, Bergans has developed a very efficient and high-performance garment. Used: a highly technical knitted tecnostretch material with ceramic print for extra protection. This fabric is a blend of Cordura and merino wool, which means it is warm, durable, breathable, incredibly soft and flexible.

The full ceramic finish increases the fabric's wear resistance. Offset shoulder and side seams reduce friction when wearing the pack. Raglan seams are also reinforced with tape. Spacious "Napoleon pockets" on the front provide space for items such as a smartphone, GPS, or keys without interfering with the backpack's climbing harness or hip belt.

The design philosophy is striking, direct, technical and easily adaptable in extreme environments.

Jury-Statement:

"A very practical and functional mid-layer. The thin hood can be worn under the helmet. A baklava or a thin cap as additional protection against the cold for the head becomes superfluous."

ISPO Award Jury

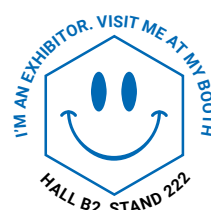
Advantage overview:

- Highly technical knitted Technostretch material
- Ceramic print
- Durable, breathable, and incredibly soft and flexible

Product specifications:

Colour: Dark shadow Grey, Mango Yellow, Pearl Grey
Price: 250,00 €
Available: August 2023

→ [bergans.com](https://www.bergans.com)





Glimpse into the future

Turning carbon into a fabric. Add to this other strong recycled properties – the CO₂ Jacket from Craghoppers knows how to convince with strong sustainability aspects.



This jacket is a statement for a better future in textiles. The latest recycling possibilities have been brought together in a fleece midlayer. Carbon capturing is a new trend that finds a way onto the shelves of outdoor retailers with the fleece midlayer, bringing the consumer a real sustainable alternative in a good price-performance ratio.

Craghoppers is committed to fundamentally offering more affordable products made from more sustainable fibres. In doing so, the brand is embarking on a path that will bring more consumers access to sustainable clothing in the future and is taking an exemplary role. For Fall/Winter 23, it is introducing an entire capsule collection of fleece made from 100% recycled fabrics that contain fibres made from CO₂ industrial waste. This includes the now award-winning fleece midlayer.

What sounds very cryptic reflects one of the latest technical solutions in textile manufacturing. By transforming carbon waste and using carbon emissions as a starting point for making recycled polyester blends, Craghoppers is trying to turn pollution into products. The process goes by the name of CO₂RENU technology. The styles were designed and developed in Clo, a 3D design program, reducing the need for prototypes and waste.

Jury-Statement:

"The CO₂ Jacket from Craghoppers shows in an impressive way what is currently possible in terms of sustainable and resource-saving production methods. With this product, the brand makes a statement. It is obvious that the jacket also meets high functional demands."

ISPO Award Jury

Advantage overview:

- Price performance ratio
- Captured carbon
- Fabric 100% recycled polyester (30% from CO₂)
- Labels 100% recycled
- Zip tape 100% recycled polyester

Product specifications:

Available: September 2023

Price: 80,00 € Jacket, 75,00 € half zip



→ craghoppers.com



Lightweight shell meets insulation

The Berghaus MTN Guide Hyper Alpha Jacket is a perfectly balanced lightweight insulated and breathable waterproof that provides optimum comfort for long hard days. A new kind of apparel to wear during high-intensity mountain activities.



"How do I find the right jacket for light and fast activities in cold and wet weather. Do I need to take insulation or don't I?" A lot of trail runners, hikers or ski mountaineers have certainly been at this point, wanting protection from the cold and wet without too much weight. With the MTN Guide Hyper Alpha Jacket Berghaus has created a whole new type of apparel for these consumers: a super lightweight, stowable shell, with a hint of insulation that helps to maintain the optimal body temperature. Overall, the Berghaus MTN Guide Hyper Alpha Jacket offers a completely new concept of an extremely thin rain jacket. Until now, POLARTEC® ALPHA® was only known from functional fleece jackets. By bonding the 3-layer material with POLARTEC® ALPHA®, a functional layer can be omitted when layering. Say first layer and then directly the MTN Guide Hyper Alpha over it. The jacket offers the nuance of warmth just at the beginning of the activity. In the course of movement it also has the identical breathability and moisture wicking properties of a pure active shell. In this jacket, an all-new material combination of Berghaus' proprietary 3-layer Hydroshe® ELITETM, Woven ripstop 6D DWR, 3L TY, which is an extremely lightweight waterproof fabric with 12,000 mm water column and 50,000 g/m²/24h breathability, and POLARTEC® ALPHA® has been bonded. This new material combination achieves remarkable values mixing thermal performance, moisture transport, breathability and waterproofness, without negatively affecting the respective counterpart. It also saves a layer that you won't have to pack, so that you can go even faster and lighter. The design is in line with the whole Berghaus Extreme collection for men and women, using timeless red and black colors.

Jury-Statement:

"Sometimes, the struggle is real, when it comes to deciding whether to take another layer of insulation or not, especially if it's wet and temperatures are just in-between. The MTN Guide Hyper Alpha Jacket impressively solves this problem by creating a new category of a lightweight shell with a hint of bonded insulation."

ISPO Award Jury

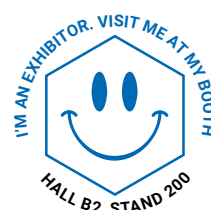
Advantage overview:

- Extremely thin rain jacket with bonded insulation
- Saves an extra layer
- Durable and timeless design
- Using PFC-free, OEKO-TEX and Bluesign certified materials
- Light to wear and small to pack

Product specifications:

Regular fit
Size: XS-XXL (for men and women)
Color: Red-Black und Gray-Anthraccite
RRP: 300,00 €

→ [berghaus.com](https://www.berghaus.com)





Flexible solution for winter professionals



Anyone looking for a rugged jacket for tough outdoor conditions will find it with this parka. In addition to the solid finishes, users can expect responsible fiber and membrane technology.

The parka is impressive, even powerful and voluminous. Just right, then, for the intended target audience of professional outdoor enthusiasts and workers in arctic conditions. In addition, thanks to recycled fibers, the integrated and a contemporary finish. In relation to its numerous layers, an outer robust shell and inner jackets, the design is lighter than expected.

The parka was developed by professionals who live and work in the unpredictable Arctic. The parka consists of 4 layers that can be worn together or separately to provide individual protection. The extensive features include: a stretchy, body-hugging insulation, a waterproof/breathable shell, a durable outer parka and a functional vest is on top. Each layer is lighter and more breathable while providing protection and durability.

The Arctic Patrol Modular Parka 2.0 is a convincing representative of its kind and offers plenty of functionality. Thus, it provides optimal warmth and weatherproof protection even during changing activities and fluctuating weather conditions. Based on the findings of Arctic scientists that weather is becoming increasingly unpredictable in the Arctic and around the world, the insulator was developed from a flexible, breathable and not least recycled stretch fabric. This allows for better air circulation on warmer days, while the body mapped insulation provides warmth on colder days. In addition, the insulator is equipped with reflective details to ensure safety, security and visibility when worn as a standalone piece.

Jury-Statement:

"Absolutely impressive how the individual layers of the Arctic Patrol Modular Parka 2.0 interact with each other. The massive construction of the parka at first impression brings surprisingly little weight with full equipment. Modular is to be taken literally with this parka. The individual layers can be freely combined and adapted to the external conditions. Robust, highly functional, this is how a parka for tough professional use under extreme conditions should be constructed."

ISPO Award Jury

Advantage overview:

- Bi-stretch
- Breathable
- Eco friendly
- Lightweight
- Recycled
- Reflective
- Waterproof & Windproof

Product specifications:

Available: Fall/Winter 2023
RRP: 1.800,00 €



→ hellyhansen.com



Sleek urban design with hidden technicality

The Halti Bergga Parka has everything a great urban outdoor piece needs: its features are technical, yet still have lots of style in everyday city life.



Halti developed the Bergga parka not only for the gorgeous but it is also gorgeously practical. How? It is a combination of cutting-edge design and Halti's premium technical features. The sleek silhouette and clever cuts maximize the urban freedom of movement. It looks great and is made to be worn in everyday city life. This parka jacket will keep you completely dry, sheltered, and warm with special airflow constructed lining and hidden technicality.

Bergga is a functional, waterproof, and windproof city parka with a sophisticated urban look. Most of the technicality is hidden inside: the parka reaches a surprising lightness with an inner 3D air-flow channel construction. It captures the warmth in between puffy tunnels of insulation. The Halti signature Drymax® All Weather fabric, taped seams, and a double storm front cater even to extremely bad weather. By adding long side zippers, the parka can be worn all through winter into spring even when being more active outside. Even with all these technical features and a stylish look, no compromises on choosing a sustainable material were made. The Bergga parka is a monomaterial item, which means that it's made from a single material, thus making the garment easier to recycle back to raw material and therefore reducing the use of virgin materials in the future. So when it's time to say good bye, this parka is born to be recycled! The Halti Bergga parka is delivered to shops in recycled polybags, the hang tags, including price tags are also made of recycled carton, and the integrated wash and care instructions for the product as well as information about repair and recycling on the website make sure to get the most out of this jacket throughout its lifecycle of an estimated 3–5 years. Halti also provides spare material for those who want to repair the jackets by themselves. Everybody else can get also information about repairing services on the website.

Jury-Statement:

"By combining urban design with clever technical features, the Bergga Warm Parka stands out from classic winter jackets. Particularly noteworthy is the 3D tunnel construction on the inside, which allows good insulation at low weight."

ISPO Award Jury

Advantage overview:

- Water and windproof urban outdoor piece
- Cutting-edge design combined with technical features
- Light and warm thanks to inner air-flow channel construction
- All-weather fabric, taped seams & double storm front for cold weather

Product specifications:

Size: S–XXXL

Color: Beige, Blue and Black

RRP: 349,00 €

Available since August 2022

→ halti.com



100% “real-cyclable”

Circular functional clothing gets a new boost thanks to Muntagnard’s MIUtec Iso Jacket. New fiber technology, timeless design for a long durability.



When it comes to recyclable products, things quickly get complicated. Which fibers are recyclable, which are biodegradable? Many things play a role, the goal is to actually close the loop. The easiest way to do this is with monomaterials.

Muntagnard follows this path consistently, together with its Swiss development partner, the Innovation Unit. MIUtec products are primarily developed with a focus on longevity. The longer you use a product, the better the footprint. The MIUtec collection, including the Iso Jacket, has been developed primarily on the principle of mono-material. This proves that activewear, which consists of a single material component, can still bring full performance.

The MIUtec Iso jacket is a high-performance Insulation Jacket fully “real-cyclable” (from jacket to jacket), uses 100% enhanced biodegradable materials (from zippers to sewing yarn, filling, shell and lining) and with a durable, timeless design and a functional material choice made for circularity. Muntagnard uses two materials for the MIUtec Jacket. A new generation of materials, enhanced biodegradable polyamide 6.6 for shell, lining, pockets and trims combined with a 100% wood-based insulation (lyocell). Thanks to a new recycling process, Muntagnard will be able to separate these materials from each other and make a new jacket out of it. From jacket to jacket.

The fact that the concept has been thought through to the end is shown by the environmentally conscious orientation of the materials chosen. Should the product end up in landfill, Muntagnard makes sure that all used materials are at least enhanced biodegradable. Sounds convincing.

Jury-Statement:

“Already with its first products, the young brand from Switzerland put a clear exclamation mark on its consistent path in terms of recyclable materials. With the Iso Jacket, Muntagnard is once again putting the emphasis on closed-loop recycling. The timeless design is also thought through to the end, as it stands for a long wearing time. An inspiring product in times when this is exactly what is needed.”

ISPO Award Jury

Advantage overview:

- Recyclable
- Biodegradable
- Abrasion resistance
- Water repellent
- Windproof

Product specifications:

Available: January 2023
RRP: 399,00 €

→ muntagnard.ch



It's a sustainable match



The Jack Wolfskin Diskovera 3L JKT M shows that two brands can achieve even more in terms of sustainability when working together.

Through the collaborative work of two leading brands in the outdoor industry it was possible to create a high performance and exclusive fabric. „We combined an extra abrasion resistant Schoeller fabric with our 100% recycled Texapore Ecosphere Pro Membrane to provide the best fabric for your discovery trips in particularly challenging regions. It's the ideal combination of the highest quality standards, sustainability advancements, freedom of movement and an extraordinary feature set“, as Amy Williams, Category Manager Outdoor Technical, explains.

Over two years Jack Wolfskin developed a sustainable 3 layer fabric with the highest standards of outdoor gear in collaboration with Schoeller. With this outstanding partnership they wanted to demonstrate that two leading brands can achieve even bigger sustainable goals with the highest quality. The Diskovera 3L Jacket M distinguishes itself through the usage of outstanding durable and protective fabric. The special ventilation solutions and the feature package, for example its hood, were developed with great attention to detail.

This highly functional jacket was developed from two leading German-speaking Brands Schoeller and Jack Wolfskin, who combined their expertise and knowledge to an outstanding product in performance and sustainability. The face of the main fabric comes from Schoeller. It is made of 87% recycled polyester with 13% Elastane. This shell was treated with a 100% PFC-free DWR and is paired with the highly functional Texapore Ecosphere Pro membrane of Jack Wolfskin, that is also made of 100% recycled/reused PES. The main fabric as well as lining, welding and other materials in use are Blue Sign approved.

Jury-Statement:

“Partnerships and exchange bring momentum to the development of products when it comes to sustainability. Jack Wolfskin and Schoeller exemplify this with the Diskovera 3L JKT M. The thoughtful details and stylish design of this sustainable 3L jacket are also convincing.”

ISPO Award Jury

Advantage overview:

- Breathable, waterproof, windproof
- Eco friendly, PFC-free 3 layer shell
- Texapore Ecosphere membrane is made from cuttings generated during production and returned to the production cycle - a zero-waste concept
- 100 % recycled/reused PES
- Durable Schoeller fabric (87% recycled polyester)

Product specifications:

Size: S - XXL (Men and Women)

Available from: February 2023

Color: Gecko Green

RRP: 499,95 €

→ jack-wolfskin.com





Braving the elements running



The Odlo ZeroWeight Dual Dry Waterproof Insulated Jacket offers warmth, freedom of movement and keeps moisture out while being highly breathable.

From the jury's point of view, the ODLO ZeroWeight Dual Dry Waterproof Insulated Jacket is an excellent winter companion for runners who brave the elements and want to indulge in their passion in the cold season, whatever the weather. As the word "Insulated" in the jacket's name makes clear, the running jacket is lined with a warming insulation layer that is combined with a high-performance 3-layer knit construction. This lightweight fabric has values of 20,000 mm water column in terms of waterproofness and 50,000 mvp (g/m²/24h) in terms of breathability – and all this with a low weight of only 53 grams per square meter of fabric. To offer optimal freedom of movement, the fabric is also equipped with 360-degree stretch comfort. All seams are welded to protect against moisture.

The insulation consists of an extremely lightweight fleece made from Teijin Frontier's Octa material. It is 50 percent lighter than conventional fleece and provides extra warmth thanks to the hollow core fibers in the yarn. It also keeps moisture out while allowing excess water vapor to escape, contributing to waterproofness and breathability.

The new ODLO ZeroWeight Dual Dry Waterproof Insulated Jacket has an ingenious hood construction: a small peak protects against rain above the forehead. Additionally, the hood can be adjusted with an elastic band at the back of the head. The hem at the hips is also individually adjustable; the jackets are cut gender-specifically. An inner pocket on the chest provides storage space for essentials. Reflective details ensure visibility even at dusk and in the dark.

Jury-Statement:

"The most diverse functions come together here in an optimal balance: Weather protection, thermal insulation in the important places, freedom of movement and lightness. Odlo combines all of this into a fashionable look with the help of innovative technologies – in our opinion, that's worth an ISPO Award."

ISPO Award Jury

Advantage overview:

- Waterproof (water column 20,000 mm)
- Windproof
- Very breathable (50,000 mvp)
- Light weight
- Good moisture management
- Thermoregulating
- Reflective details

Product specifications:

RRP: 290,00 €

Available since September 2022

→ [odlo.com](https://www.odlo.com)



The future is Performance Knit



Part of a new breed of high-performance ski touring layering apparel from Odlo, the X-Alp Performance Knit 3L jacket and pants are crafted to deliver the best of both worlds: the comfort and mobility of soft-shells with the 3L protection of hardshells.

ODLO's new Performance Knit Waterproof technology construction impresses with an innovative fabric surface and a striking body mapped design optic. More and more innovative knit technologies are conquering the sportswear industry: with the ODLO X-Alp Performance Knit 3L ski touring jacket and pants, ODLO extends its seamless knitting base layer expertise into its outerwear ski collection. The pinnacle of ODLO's new ascent-inspired Performance Knit collection, the PFC-free waterproof and windproof combination of jacket and pants is made of a knitted outer fabric that is extremely elastic in all directions thanks to its innovative warp knitting construction. The material is supported by a waterproof and highly breathable elastic membrane. Overall, the particularly quiet, soft hardshell material weighs only 120 grams per square meter and can be packed smaller than conventional hardshells.

The zoned functions knitted into the face fabric provide further weight reduction, enhanced breathability and, combined with a colored waterproof membrane, deliver a unique optic never before seen on the mountain.

The X-Alp PK 3L jacket and pants were designed for the unique needs of a growing set of ski touring enthusiasts. Providing optimal stretch, mobility, lightness and packability for those long ascents, combined with the full 3L protection for the ultimate descent or should the weather turn. However, its fit, form and function are also suitable for many other winter sports and therefore make it an extremely versatile winter sports performance garment.

Jury-Statement:

"Knitted fabrics bring a high degree of elasticity and air permeability right from the start, without having to accommodate stretch components in the fabric. Performance Knit is an exciting new area in the field of functional fabrics, which ODLO has innovated perfectly here."

ISPO Award Jury

Advantage overview:

- Dynamic elasticity and freedom of movement thanks to knitted outer fabric
- Waterproof and windproof
- PFC-free
- Lightweight with soft touch and feel
- Low-noise
- Enhanced packability

Product specifications:

Available for men (Size S, M, L, XL, and XXL) and women (XS, S, M, L, XL)

Market launch October 2023

RRP: Jacket 650,00 € / Pant 600,00 €

→ [odlo.com](https://www.odlo.com)



Warm and light with heat reflective technology



The Rab Mythic Ultra jacket was made for alpine winter adventures. It keeps exceptionally warm while providing high freedom of movement.

It has an optimal ratio between weight and thermal performance, offers freedom of movement, is suitable for high alpine winter adventures where alpinists and ice climbers demand maximum performance from their down jacket, and relies on an environmentally conscious choice of materials.

The Mythic Ultra Jacket (women's jacket pictured above) is the new Rab top model for alpinists, mountaineers, and climbers who need a warm and functional down jacket for winter and ice climbing or mountaineering in cold conditions. In this jacket Rab combines heat-reflective Tilt Technology with an outer fabric made from 100 percent recycled Pertex® Quantum fabric and a 900FP down fill. Thanks to a body-mapped box-wall construction and quilted-through chambers, the jacket optimizes heat retention at the torso while allowing high freedom of movement of the arms.

Tilt is an acronym for Thermo Ionic Lining Technology and refers to a heat-reflective fabric treatment on the inside of the jacket's lining. It reflects heat released from the body back to the body. While Rab uses a titanium coating for this purpose in its Mythic Ultra sleeping bags, it opted to use aluminum in the new Mythic Ultra jacket. Thanks to the Tilt treatment, which weighs in at just 15 grams per square meter, the jacket can be fitted with a thinner down filling, ultimately saving weight and increasing freedom of movement – while maintaining the same level of thermal protection, breathability and packability.

Jury-Statement:

"Insulation jackets for extreme conditions usually need a lot of filling. That adds weight and restricts freedom of movement. On top of that comes the bellows effect. Rab has developed new solutions for this and combined various high-end technologies for an optimal weight-to-warmth ratio."

ISPO Award Jury

Advantage overview:

- Good warmth to weight ratio
- High freedom of movement
- Lightweight
- Tilt Technology combined with offset box-wall and quilted chamber construction reduces heat loss
- Water repellent and abrasion resistant outer material
- 100% recycled polyamide shell and lining with PFC-free DWR coating
- RDS-certified down fill with fluorocarbon-free Nikwax Hydrophobic down treatment

Product specifications:

Sizes: S-XXL for men, 8-16 for women
RRP: 450,00 €
Available since September/October 2022



→ [rab.equipment](https://www.rab-equipment.com)



Guaranteed to keep you dry responsibly

patagonia

The Patagonia Storm Shift Jacket features the first PFC-free Gore-Tex membrane as well as a DWR finish made from 100% recycled outer fabric.

Half a decade ago, Patagonia began working with GORE-TEX to develop relentlessly waterproof snow gear with an all-new PFC-free membrane and DWR platform that not only exceeds the brand's stringent quality standards, but also meets GORE's Guaranteed to Keep You Dry performance. The Patagonia Storm Shift Series is a new outerwear collection featuring the first PFC-free GORE-TEX membrane and DWR finish made from 100% recycled outer fabric.

This is the first GORE-TEX Snow Jacket to achieve the Gore Tex „Guaranteed to keep you dry performance standard.“ The Storm Shift Series is a new outerwear collection featuring the first PFC-free GORE-TEX membrane and DWR finish made from 100% recycled shell.

It embodies relentless efforts to reduce product impact while maintaining the highest standards of performance, supporting product longevity and durability.

The expected product life is 10–20 years, which is determined through extensive laboratory and field testing of materials and garments prior to launch. With this long life circle, the Patagonia Storm Shift Jacket takes another step towards more sustainable waterproof outerwear.

Jury-Statement:

“To push through more sustainable innovations, you need collaborations along the supply chain. Patagonia, along with other selected brands, is among the first to use Gore-Tex' new PFC-free ePE membrane. Plus, the jacket was designed to last ten to twenty years, hence the timeless design.”

ISPO Award Jury

Advantage overview:

- Abrasion resistance
- Breathable
- Environmentally friendly
- High performance finishes
- Recycled & recyclable
- Waterproof & windproof

Product specifications:

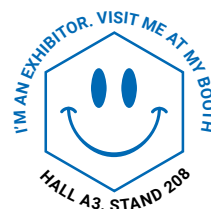
Size:

Men: XS–XXL

Women: XXS–XL

RRP: 500,00 €

Available from October/November 2022



→ patagonia.com/b-lab.html



This jacket can heat, charge and massage

Sundance shows the future of clothing with this classic-looking jacket: A wide variety of high-tech functions come together here.

SUNDANCE 圣得胜

This jacket demonstrates which high-tech materials and functions can already be used commercially in the clothing industry today. The Heptathlon Black Technology Down Jacket is made of windproof, waterproof and breathable GORE-TEX Premium fabric and is filled with high-quality goose down. But much more interesting is its equipment with technical features: for example, the brand has integrated not only a graphene heater, but also a vibration massage, an inflatable neck pillow on the collar and ports for multifunctional charging of electronic devices.

The temperature of the graphene heating film and the heat-conducting inner lining can be regulated in three stages by a button on the inner pocket. The vibration intensity of the massage on the back and waist can also be adjusted in three levels, so you can enjoy a unique massage service anytime and anywhere. In addition, the lithium battery technology used in this product can not only charge the massager, but also effectively power portable electronic devices such as smartphones and watches.

All these functions are so cleverly integrated that they remain invisible to the outside world and are not noticeable at all when worn. The jacket is nevertheless lightweight and slim-fitting, making it perfect for urban life.

Jury-Statement:

"A jacket that can actively heat and massage and is also equipped with an inflatable cushion and a charging function sounds like science fiction. All the more impressive is that you don't see the inner qualities of the jacket at all."
ISPO Award Jury

Advantage overview:

- Waterproof down jacket with many additional functions
- Integrated massage function
- Integrated heating function
- Integrated charging function
- Classic, versatile style for long wearability

Product specifications:

Available for men only
Available Color: Grey
Market launch October 2021

→ sundance.cn



Warmth without a weight penalty



The Mythic G Jacket is made for high-end alpinism in extreme and cold environments. It offers the best warmth to weight ratio Rab has created thus far.

The latest jacket in Rab's Mythic series takes the warmth to weight ratio to a whole new level. For the Mythic G Jacket Rab's R&D team spent a lot of time on making every gram count: Rab applied a comprehensive approach that not only focused on fabrics and technology, but also on the jacket's design, cut and construction. The Mythic G is 13 percent lighter than its predecessor, while still adding 10 percent more down. It combines ultralight construction with 1000FP down and a visible titanium TILT lining to improve heat retention.

Tim Fish, Product Designer at Rab, explains: "We have designed this jacket for high end alpinism, where people are moving fast in very cold and extreme environments and require protective, ultralight and packable kit. We are proud to still push the boundaries of what we can deliver as Masters of Insulation."

Without compromise to pack size or breathability, TILT reflects heat back towards the user. Body-mapped to boost warmth where you need it and absent in hot spots for improved comfort, the TILT is positioned as the innermost layer of the lining at a fibre level to maintain the natural breathability, comfort and packability of the fabric. Additionally, strategic positioning of down at key spots helps to improve the warmth of the jacket considerably, whilst at the same time eliminating hot spots. The jacket wears neither stiff nor bulky. It is designed in a slim fit with complete articulation through the sleeves and also compresses easily in your pack, ready to deploy when the temperature plummets.

It also comes in a women's specific fit to maximize wear comfort and ensure an ideal range of motion for female alpinists pushing boundaries on demanding climbs and ascents.

Jury-Statement:

"Rab certainly knows how to master insulation to a T. Extremely warm, extremely light and at the same time super durable and packable: This jacket is for alpinists that count every gram and want all the warmth they can get without a weight penalty. The Mythic G is still smartly designed and packed with all the features you wouldn't want to miss. An extra bonus for female alpinists is definitely the women's specific fit."

ISPO Award Jury

Advantage overview:

- TILT technology reflects body heat back & maintains breathability
- Extremely warm & light
- Weather resistant, durable & packable
- Women's specific fit

Product specifications:

7D Atmos™ nylon ripstop (23gsm)
with fluorocarbon-free DWR
7D ripstop nylon with Thermo Ionic Lining Technology (TILT) (23gsm)
1000FP European Goose Down Insulation
Size: Men: S, M, L, XL, XXL
Women: 8, 10, 12, 14, 16 Slim fit
Colors: Men: Orion Blue; Cloud; Black
Women: Orion Blue; Cloud
Jacket weight:
277g/9.8oz (Size M/Men)
& 252.5g/8.9oz (Size 10/Women)
RRP: 550,00 €
Available from
October 2023

→ [rab.equipment](https://www.rab-equipment.com)





The perfect layer for any weather



The North Face Dawn Turn 50/50 Synthetic keeps you warm in the mountains and simultaneously prevents overheating while being active.

The North Face has created the perfect layer for high aerobic activities in cold and wet environments. The synthetic down fill of the Dawn Turn 50/50 Synthetic keeps you warm even in wet conditions whilst also being highly breathable thanks to the 50/50 eco synthetic insulation technology. The 50/50 insulation in the Dawn Turn Jacket pairs a series of ultra-cozy synthetic insulation fiber-proof baffles with a highly air-permeable face fabric to create a groundbreaking breathable insulation layer. The synthetic insulation-filled baffles are equally interspersed to deliver enhanced breathable insulation and temperature regulation that keep you both warm and dry. The jacket also includes Ventrix™ fabric technology in vital places where body-mapped perforations open when you move to allow perspiration to escape and remain closed in times of rest to retain warmth. To avoid extra material and weight as well as to create a more comfortable fit for high energy activities, the jacket has been designed with an athletic fit. Interesting key features also include the helmet-compatible hood and gaiters that prevent snow or wind from getting under your layers.

Each technology is carefully chosen to provide a warm garment that can be kept on during high-intensity ski tours in extreme alpine conditions, allowing heat and moisture to escape for enhanced temperature regulation. This also means more efficiency in the mountains, reducing the time needed to switch layers so you can enjoy your adventures to the fullest. The North Face Dawn Turn 50/50 Synthetic allows you to keep pushing for longer whilst remaining comfortable in changing conditions and different energy levels, whatever the season throws at you. Designed specifically for ski touring, the collection is based on a holistic system of layers and technologies to keep you warm, dry and moving freely.

Jury-Statement:

"A surprisingly light and at the same time pleasantly unobtrusive warm feeling: The jacket is high quality and convinces with the innovative air chamber concept from the first moment. A perfect companion for high aerobic activities in cold and wet environments, without becoming too warm."

ISPO Award Jury

Advantage overview:

- Breathable
- Warm even when damp
- High performance finishes
- Lightweight construction
- Minimal design & athletic fit

Product specifications:

Sizes: XS – XL

RRP: 380,00 €

Available from October 1st 2022

→ thenorthface.eu



4-season jacket made from recycled mono material

The Ternua AGILE HYBRID JACKET M & W is a lightweight, versatile all-season jacket. It was designed in such a way that all materials come from recycled polyester and can therefore be recycled again.



This very lightweight and versatile 4-season jacket is developed as a thermal layer for all intense activities. It has been designed to maximize insulation in the chest area: the windproof, tear-resistant 20D microshell fabric retains heat from the breathable synthetic insulation. In other body areas, a textured warmshell knit fabric provides enhanced moisture transport. The jacket is versatile for many sports like fast hiking, trekking, climbing and cycling.

The choice of material is particularly interesting: the jacket is made entirely of recycled polyester obtained from used PET plastic bottles. All fabrics used come from Tejin, Japan, and are bluesign approved. The DWR used is free of PFC. The zippers are also made of polyester, with the zipper tape also being recycled. Made entirely of mono-material, the jacket itself is recyclable and therefore ready for closed loops.

Since Ternua has its own production facilities, the jacket – like all other Ternua products – can be repaired.

Jury-Statement:

"If you want to close loops, you have to produce recyclable products. Thanks to body mapping, this jacket made of mono-material was constructed in such a way that functionality and the reduction to one material are not mutually exclusive."

ISPO Award Jury

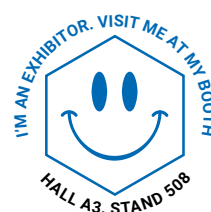
Advantage overview:

- Environmentally friendly
- High performance fabrications
- Recyclable
- Recycled
- Thermoregulating
- Water repellent
- Windproof

Product specifications:

Available in three colors for men and women
Available in sizes S–XXL for men and women
Market launch October 2023
RRP: 189,00 €

→ ternua.com





Wool, silk & body mapping: In search of the perfect base layer

Using three different knitting technologies, merino specialist Devold of Norway has developed the Expedition Arctric Pro base layer with body mapping function.

DEVOLD
NORWAY 1913

The new Devold baselayer EXPEDITION ARCTRIC PRO is made of merino wool and silk. It was developed and tested in collaboration with Norwegian researcher Børge Ousland, with a focus on optimal insulation in a harsh and extremely cold climate. The idea behind this product is to optimize all the benefits of merino wool fiber. The shirt consists of a combination of three different fabric/knit structures, whose respective advantages in relation to the body have been combined. These consist of wool terry, a 2-layer wool knit with silk and a merino wool mesh.

By using these different knitting techniques, Devold gets diverse properties of the wool because each of the single wool structures has millions of microscopic air holes that help keep the temperature even. So, while the wool terry is soft and thick, it covers the upper part of the torso around the heart where the most insulation is needed. The main quality is a 2-layer wool knit, where the inner layer is made of merino wool and the outer layer is a blend of 90 percent merino wool and 10 percent silk. This allows moisture to move from the inner layer to the outer layer where it can evaporate. The third structure is a mesh made of merino wool, which is used only in the sweat zones of the body: under the arms and in the lower back. This helps keep the body surface dry and wick moist air and sweat to the outside.

The base layer is thus made exclusively of natural fibers and can be completely biodegraded.

Jury-Statement:

"This base layer shows how versatile merino wool can be processed. From the fine mesh to the wool-silk blend to the soft, cozy wool terry, Devold proves its enormous knitting expertise."
ISPO Award Jury

Advantage overview:

- Extra warm
- Moisture regulating through body mapping
- Antibacterial & Antistatic
- Biodegradable
- Quick drying
- Recyclable
- Environmentally friendly

Product specifications:

Available in two different color ways for men and women
Available in sizes S – XXL for men and XS – XL for women
Market launch September 2023



→ devold.com

ISPO
Award



Highly functional ski sock with blister protection

LÉ BENT

Australian sock specialist Lé Bent has worked with US professional skiers Cody Townsend and Elyse Saugstad, the power couple of the ski industry, to develop a sock that is particularly breathable and protects against blisters.

Lé Bent from Australia has developed the CODY TOWNSEND and ELYSE SAUGSTAD PRO SERIES ZERO CUSHION SNOW SOCK, an ultralight weight sock that is designed to do one thing above all: be highly functional.

The sock ensures exceptional breathability, temperature regulation and comfort. This is made possible by the integration of large mesh inserts on the upper foot and under the arch of the foot. In addition, Lé Bent aims to counteract the formation of blisters on the heels. To do this, the company has equipped the heels of the socks and the inside of the welt with innovative silicone grips. These adhere to the liner and thus prevent the sock from slipping back and forth or pulling down, which is usually the cause of blisters. The coherent concept is rounded off by a semi compression fit on the leg. A women's specific fit is offered in the Elyse Pro Series.

For the material, Lé Bent relies on a blend of merino wool and bamboo fiber. Both together provide ultimate softness on the skin and best breathability. The high wool content also ensures an antibacterial effect or odor control.

The sock was developed with US big mountain and backcountry skier Cody Townsend for skiing, ski touring and backcountry skiing.

Jury-Statement:

"It's hard to evolve a product like a sock, but Lé Bent has done it! The silicone grips, the mesh inserts and the pleasant softness were truly convincing."

ISPO Award Jury

Advantage overview:

- Antibacterial
- Breathable
- Compression
- Lightweight
- Moisture management
- Quick dry
- Thermal regulating

Product specifications:

Definitive Fit System
Silicone Bonded Strips
Mesh Panels
Memory Stretch
Intended usage: Skiing, ski touring,
backcountry skiing
Market launch September 2023

→ lebent.com



Lorpen did not knit this winning sock, but sewed it



Lorpen shows with the T3+ Biowarmer Inferno Expedition Overcalf Socks that socks don't have to be knitted to be comfortable, warm and even sustainable.

The T3+ BIOWARMER INFERNO EXPEDITION OVERCalf sock is a rarity in the sock market in more ways than one: it is probably one of the very few socks that are not knitted, but sewn together from individual pieces of fabric. But that's not all: it is also biodegradable.

Lorpen, the sock manufacturer from the Spanish Pyrenees combines Sensil BioCare fabric as the main material with PrimaloftBio insulation on the foot. Thus, the foot always stays nice and warm from underneath. The seams are made of Sensil BioCare nylon yarn and the cuff is made of chlorine-free wool. Instead of a chlorine-based Superwash treatment, Lorpen uses enzymes here. All materials are biodegradable, although Sensil BioCare is polyamide and PrimaloftBio is polyester and therefore not bio-based yarns. The Lycra content of two percent alone is not biodegradable.

This means that the socks do not become waste after their active life, but return to the earth if they cannot be recycled. The production of this product takes place in Romania. The fabrics and yarns are supplied from Italy and Spain.

The socks are very elastic and very warm and constructed with an anatomical cut to fit perfectly on the foot.

Jury-Statement:

"A sewn sock sounds strange at first. Once put on, however, it quickly becomes clear that neither fit nor warmth and function suffer. The extensive biodegradability is also great, because most socks end up in the trash, not in the thrift store."

ISPO Award Jury

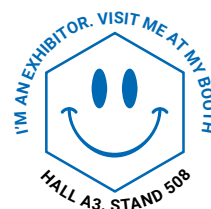
Advantage overview:

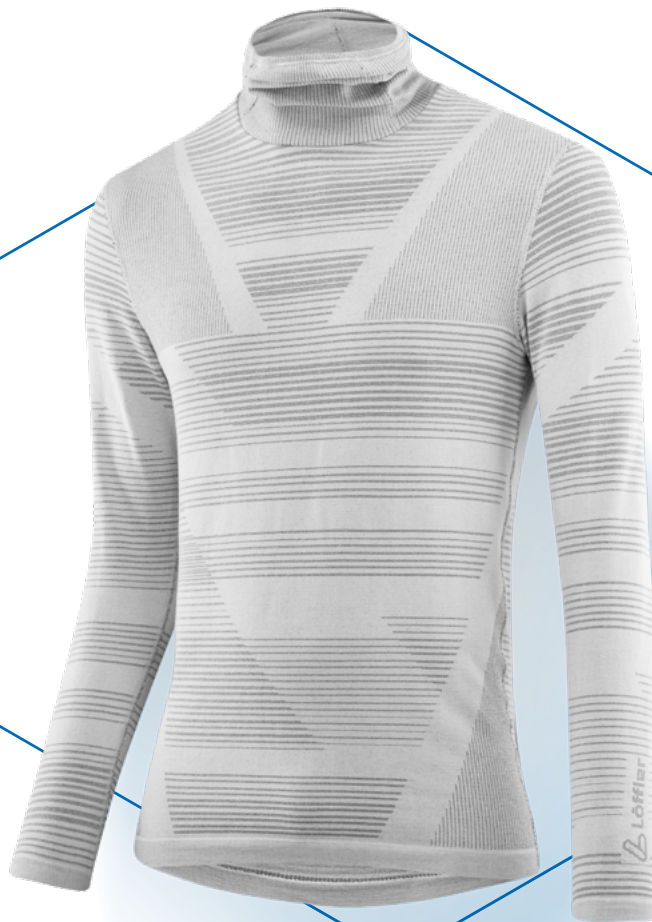
- Biodegradable
- Bi-Stretch
- Breathable
- Extra warm

Product specifications:

Available in the color Charcoal-Black
Available in sizes S, M, L, XL
Market launch August 2023
RRP: 62,95 €

→ lorpen.com





New transtex® underwear made from recycled polypropylene & cotton



Austrian knitwear specialist Löffler has further developed its proven transtex® technology and presents retr'x, a new generation of sustainable functional underwear.

The basis for the transtex® material from Löffler is the synthetic fiber polypropylene. The highly functional properties of the fiber - polypropylene is one of the lightest fibers and does not absorb moisture itself, but passes it on quickly - make it perfect for endurance sports. For sustainability reasons and to continue to ensure this highest level of functionality, Löffler uses a recycled polypropylene fiber from pre-consumer textile scraps for retr'x instead of classic polypropylene and combines it with the recot2 cotton fiber. This cotton fiber consists of 25 percent recycled cotton from pre-consumer process waste and 75 percent GOTS-certified organic cotton. The recot2 cotton is neither dyed nor bleached, is GRS certified as well as Standard 100 by OEKO-TEX®. The processing of the cotton is particularly resource-friendly, especially with regard to water consumption.

The transtex® technology is based on a two-layer knit: the polypropylene on the inside transports moisture away from the skin, while the second layer stores it and releases it to the outside. This two-layer retr'x material mix ensures natural body climate management. The material thus consists of 68 percent recycled polypropylene and 32 percent recot2 cotton and is only available in the color grey melange. Like all Löffler underwear products, retr'x is 100 percent manufactured at the headquarters in Ried im Innkreis. Production in Ried is STEP-certified, and all suppliers and partners are from Europe and also STEP-certified.

Jury-Statement:

"The high proportion of recycled materials is just as innovative as the convincing attempt to bring cotton back for endurance sports. The underwear feels particularly soft and skin-friendly, yet is highly functional."

ISPO Award Jury

Advantage overview:

- Environmentally friendly
- Moisture management
- Organic
- Fast drying
- Recycled
- Thermally regulating

Product specifications:

Available for men and women
only in grey melange
Available sizes:
Men 46/48 – 58/60;
Women: 32/34 – 44/46
Market launch Autumn/Winter 2023/24

→ loeffler.com





100 percent innovative, functional & bio-based

UYN
UNLEASH YOUR NATURE

Italian knitwear specialist UYN has set a milestone for petroleum-free functional underwear with the UYN® Evolutyon Biotech baselayer set.

The innovative set is made of 100 percent regenerative, bio-based materials, which in this blend are unique in the sports industry: Kapok, Biolight yarn, Flexicorn and Natex. Kapok, the lightest natural fiber in the world, makes the underwear ultra-light, soft and thermoregulating. When combined with Biolight yarn, which is derived from the cellulose of beech trees, the kapok fiber is made strong and durable. Biolight is also characterized by its breathable properties and its ability to retain moisture (twice as much as cotton). Thanks to its special structure, the Biolight fiber helps keep the skin cool and dry. Flexicorn is the sustainable alternative to spandex. This innovative yarn is derived from corn that is not used for human consumption and glucose fermentation. Fourth in the bunch is the bio-based high-tech yarn Natex, which is derived from the castor plant. Natex is particularly lightweight, reducing weight by 25 percent, and the clothing dries up to 50 percent faster than comparable nylon clothing. In addition, the fiber is more elastic and has a bacteriostatic effect that minimizes unpleasant odors.

Thanks to the materials, UYN has been able to reduce energy consumption and CO₂ emissions. UYN's mission is to replace synthetic textiles with materials derived from nature but sustainably created in the laboratory. These biomaterials overcome the limits of natural fibers and feature superior performance, the company says.

Combined with the patented Hypermotyon construction for maximum freedom of movement and the Coolvent system for optimal ventilation, this baselayer set is not only hugely innovative in terms of sustainability, but also highly functional and particularly comfortable on the skin.

Jury-Statement:

"This innovative material combination of bio-based fibers shows that alternatives to petroleum-based synthetics are no longer dreams of the future. The material feels great and the knit combination shows impressively that knit is a future technology. Last but not least: even the price is excellent."

ISPO Award Jury

Advantage overview:

- 100 percent bio-based
- Particularly lightweight
- Fast drying
- Odor-resistant
- Reduces energy consumption and CO₂ emissions
- Highly functional thanks to the combination of bio-based high-tech fibers and innovative knit construction

Product specifications:

Available in 4 different colors
for women and men each
Market launch Autumn/Winter 2023
RRP: 119,00 €



→ uynsports.com



Welcome to the future. It's here and now.

The Nidecker Supermatic is what snowboarding has been waiting for: It gives the traditional feel of a two-strap binding and the convenience and ease of use of a step-In binding.



For decades, the idea of an easy-to-use, reliable Step-In-System has been the Holy Grail of snowboard binding development. It's very obvious that there is a huge demand for a more efficient way to do bindings straps up when getting off a chairlift or at the top of a line. Most step-in systems that have been thrown on the market required specific boots; many didn't work well in powder, and none of them gave that true snowboard feeling that a regular two-strap binding delivers. NIDECKER might have now developed a true game-changer: The NIDECKER Supermatic addresses all of the mentioned issues. It's the first two-strap binding that is universal (no special boot required) and automatic and is set to revolutionize the way riders connect with their snowboard.

While the Supermatic can be used exactly like a traditional two-strap binding, the all-new Automatic Mode is the real beauty: just drop your foot through the back and step down to engage. The binding closes automatically, and you're ready to ride. To remove the foot from the binding, a gentle push of the release lever is sufficient, and the foot can be moved up and out. The Supermatic provides the advantages of the quick and easy step-in, as well as the uncomplicated release mode, combined with the tight fit and control of a classic two-strap binding.

The Supermatic works with every boot brand out there. Riders can choose from the huge variety of all different classic boot options on the market, from any brand, to find their perfect interface for ultimate board control and comfort. NIDECKER invested four years of development in the Supermatic, to optimize the concept and to make sure the system works in any terrain, under any conditions, especially in powder. The NIDECKER Supermatic is the future. And it's here!

Jury-Statement:

"For many years, product developers in the snowboard industry work on simplifying the entry into the binding. Nidecker presents the Supermatic as a simple, fast and easy-to-handle snowboard binding."

ISPO Award Jury

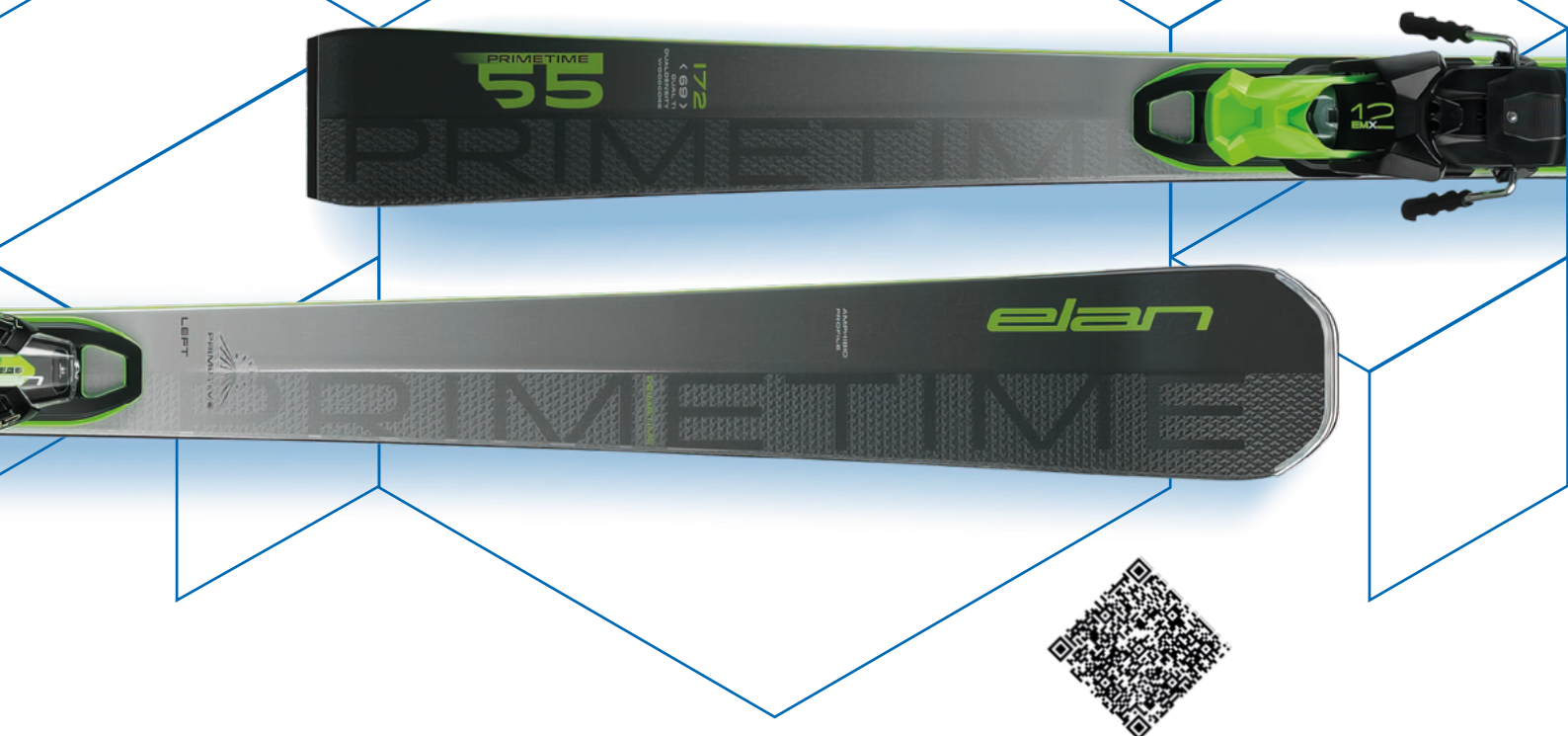
Advantage overview:

- Self-closing automatic step in
- Dual entry
- Provides a locked-in feel of two-strap bindings
- Quick & easy to get in & out
- No tightening of straps necessary
- Works with every snowboard boot brand on the market

Product specifications:

Product Range: Size M/L/XL
(compatible US Boot sizes 5-14)
RRP: 399,00 €
Target Group: All Level Snowboarders

→ www.nidecker.com/en/content/514-supermatic



Carve out a good time with Primetime

elan The Elan Primetime 55 reignites the excitement for the on-piste carving category by a new technological and design philosophy.

Although some say, it has never left, you can spot a trend in on-piste carving bringing a new playfulness to a well-known pleasure. The Elan Primetime reignites the excitement for the on-piste carving category by injecting a youthful design philosophy combined with a state-of-the-art construction process. With Power Match Technology, the construction of the ski is matched to how the skier puts the power to the snow, allowing the skier more natural control of the inside and outside edges for the most intuitive feel throughout the turn. Its new technology allows the skier to have a playful, yet effortless carving experience. It also has been strategically designed to maximize control, performance, and accuracy. But with ease.

The technology of the ski and its carefully selected materials are based on a consumer-centered development approach. The best consumer skiing experience is a prime goal here. The skis are handcrafted in the Slovenian Alps using 100% green energy in the production process. Graphics are produced using digital print tech that is environmentally friendly and VOC-free. Large parts of the ski are made from natural and recycled materials and there is less material used due to the unique 3D shape.

Primetime is designed to deliver more natural control over both inside and outside edges for effortless turns, which is also why they come with a left and right ski construction. By placing stronger material where you need it (over the inside edges), and less, lighter material where you don't, on piste performance is elevated for an exact and balanced feel that requires less effort and delivers a high-energy and a playful ride.

Jury-Statement:

"The Elan Primetime 55 Fusion X is here to celebrate on-piste skiing. Combining sophisticated technology with a modern design and the use of more sustainable materials, this ski means fantastic carving without dusty demeanor."

ISPO Award Jury

Advantage overview:

- Eco-friendly materials from natural and recycled resources
- Lightweight yet powerful construction
- More control over inside and outside edges
- For both high-energy and playful turns

Product specifications:

Geometry: 121 / 69 / 102
Lengths: 144, 151, 158, 165, 172, 179 cm
RRP: 999,95 €
Available from October 2023

→ elanskis.com



Re-think snowboarding

Doubledeck Snowboards presents a completely new snowboard technology. An innovative bow-construction improves power transmission and makes canting almost impossible while snowboarding.

 DOUBLEDECK

The DOUBLEDECK snowboard consists of two elements: the "motherboard", which at first glance looks very similar to a conventional snowboard – however the internal construction of the "motherboard" allows the bending up to 45 degrees in its length axis. the convexly arched bow (Bow-Construction) is mounted on top of the motherboard. This pre-stressed bridge is not firmly connected to the motherboard but is fixed to the board with screws in such a way that a sliding movement of the bow is ensured under load by the rider.

The technology allows easier turn initiation and at the same time provides better edge pressure on the effective contact points of the board. In addition, the elevated binding position on the bow provides improved power transmission compared to conventional bindings. The interaction between the specially designed motherboard and the bow creates a so-called spring effect under load. This prevents the board from getting stuck and significantly reduces the risk of falls. In addition, the construction also enables higher jumps, as the pre-tensioned bow actively supports the jump. With the new technology, DOUBLEDECK wants to make learning snowboarding easier. Beginners will learn snowboarding much faster because falls due to catching an edge are almost impossible with the DOUBLEDECK. With specially tuned bows and boards for different usage also advanced riders, freeriders and pros will benefit from the new technology.

Jury-Statement:

"DOUBLEDECK has rethought the classic snowboard. The at-first-sight unusual Bow-Construction stands for innovative technology. It has the potential to make snowboarding easier for beginners and better for experienced riders".

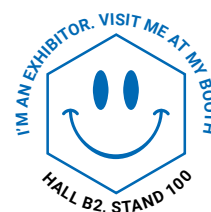
ISPO Award Jury

Advantage overview:

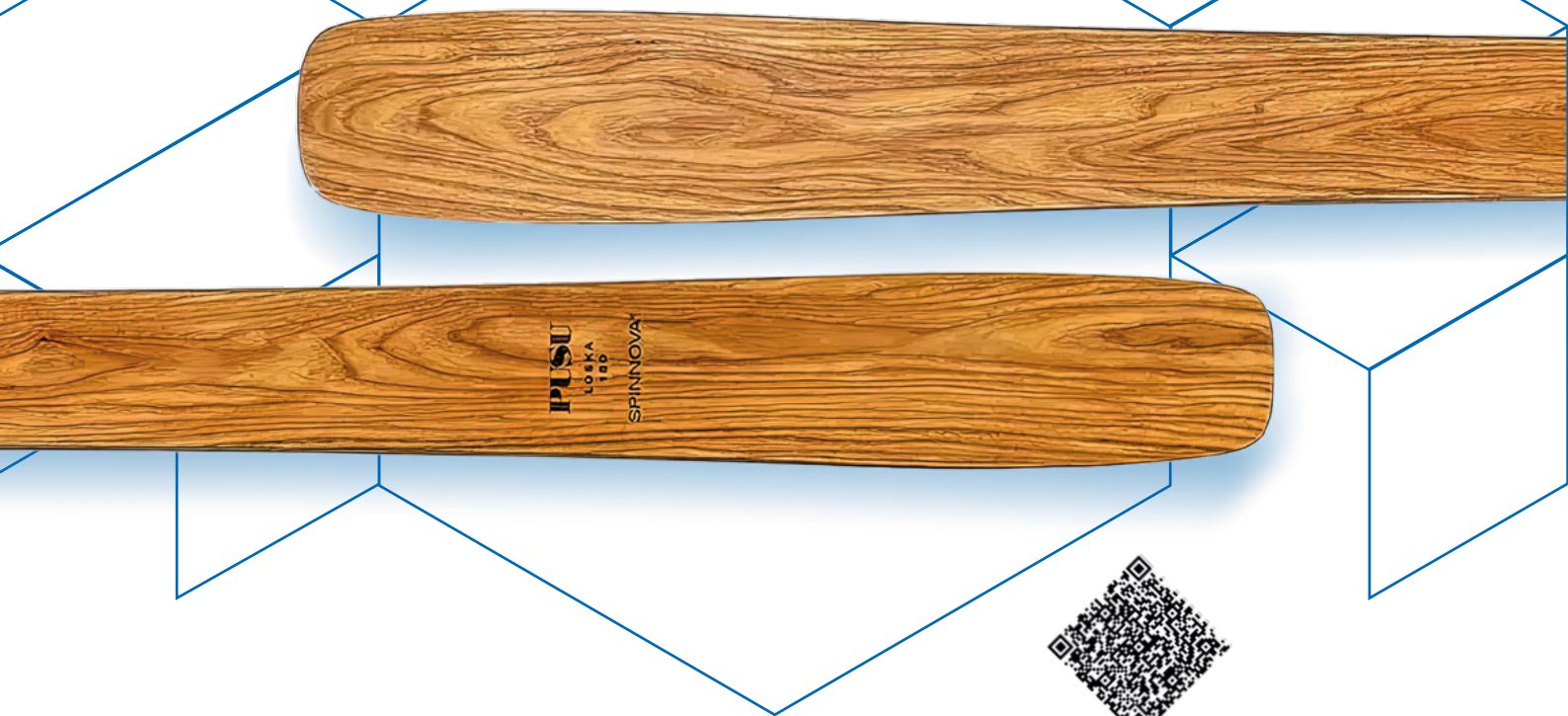
- Easy Entry - Fast learning success for snowboard beginners
- Improved carving performance for advanced riders
- Improved freestyle performance: support when jumping
- High and precise power transmission due to the elevated binding position

Product specifications:

Boards for men and women
of different lengths
Various bows for different uses
(beginner, freeride, freestyle, pro)
Price: 899,00 €
Available: September 2023



→ doubledecksnowboards.com



Ski technology with natural materials

PUSU® This PUSU ski is a first: natural Spinnova fibers replace glass and carbon ones, making it more sustainable in production.

The steps towards making the production of sports products as environmentally friendly and sustainable as possible are usually small but effective. The latest innovation from Finnish ski manufacturer PUSU is a prime example of how companies from two different industries can benefit from each other's know-how and thus jointly advance new technologies.

In this specific case, the ski designers at PUSU were looking for alternatives to the glass and carbon fibers used in ski construction, which are anything but environmentally friendly and sustainable in their production. In the course of the material research, the product developers made contact with the Finnish textile fiber producer Spinnova.

Spinnova has developed a technology that can produce textile fibers from wood or waste leather, old textiles and food without harmful chemicals and with a minimal CO₂ footprint.

The new fabric fiber produced by Spinnova for the production of the PUSU Loska ski is made from 100% natural cellulose. It is the result of three years of development work by both companies. PUSU is thus the first manufacturer to use the innovative Spinnova fiber outside the textile industry. For the production of skis, this is a world first.

According to PUSU, dispensing with glass or carbon fiber also has no negative effect on skiing characteristics. On the contrary. The SPINNOVA® fabric has improved damping properties that have a positive effect on the ski handling of this all-mountain ski.

Jury-Statement:

"Known as an environmentally friendly fiber from the textile sector, Spinnova is used here as a material in skis – an exciting and innovative step towards sustainable ski production."
ISPO Award Jury

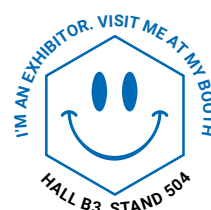
Advantage overview:

- Solid wood core (FSC certified)
- Natural Spinnova fibers replace glass and carbon fibers
- Topsheet made of wood veneer

Product specifications:

Available in three lengths:
180 cm (131–100–125 mm),
172 cm (127–100–120 mm),
188 cm (135–100–127 mm)
RRP: 1.299,00 €

→ pusu.ski





Versatile, light and more sustainable

The Scott Cosmos Resource ski touring boot uses materials with less environmental impact. With the same performance characteristics like its iconic predecessor.



Based on the well-proven SCOTT Cosmos design, this new ski boot uses more than 50% recycled materials per weight. The liner uses GRS certified fabrics, the shell and cuff are made of Pebax® Rnew® and the strap is made of 100% recycled polyester. The big idea behind the SCOTT Cosmos Resource ski touring boot is the eco conception of the product. SCOTT commits to use more than 50% by weight of eco (natural or recycled) material in its growing Re-Source collection. To do this, they took apart their iconic Cosmos Ski touring boot and looked at each part individually. After analysis of all the 75 pieces of the boots, then came the tricky part: The team from SCOTT had to choose the best material possible to achieve their Resource collection criteria, whilst keeping a high level of performance.

Materials have been chosen to respect the planet as recommended by SCOTT's Re-source criteria. To avoid petroleum based plastics, large parts of the boot are bio-sourced: 92 percent of the plastic parts are made from Pebax® Rnew®, a bio-based material transformed from Rilsan oil in France, using castor beans from India. The power strap is made from 100 percent recycled materials, the lining of the liner is also in parts from recycled material and the bootboard has also been changed to use cork material.

The SCOTT Cosmos Resource still comes with all the perks of a performance oriented ski touring boot: A flex of 110, certified tech inserts, rear hook ski-walk mechanism, adjustable forward lean, cuff rotation of 60 degrees, Vibram® bi-density rubber soles and memo fit liner foam. All these features make this touring boot a great companion when you care about your foot print but also about fresh powder lines.

Jury-Statement:

"Lessening the footprint of material choices is key to reduce the impact of gear. With a great amount of parts made from recycled materials or from biomass, for example using Rilsan oil extracted from beans, this ski touring boot from SCOTT is an amazing example of blending functionality and sustainability."

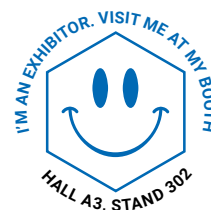
ISPO Award Jury

Advantage overview:

- Over 50% of the weight is made of eco-friendly materials
- 92% of plastic parts made from biomass instead of petroleum based plastics
- 100% recycled power strap
- Light-weight and versatile
- Replacement liners available to keep skiing the boot even longer

Product specifications:

Flex index: 110
Forward lean: Adjustable 12° or 14°
Cuff Rotation: 60°
Last width: 103,5 mm
Approx. weight: 1380g (size 26.5)
Size: 23.5-31.5 (half size only)
RRP: 629,90 €
Available from fall 2023



→ scott-sports.com/resource



Lightweight and adjustable ski touring rentals

GRIZZLY.SKI

The GR Olympic Rent is light and very easy to adjust for a range of different boot sizes and din settings.

The GR Olympic Rent is an ultra-light ski touring binding designed for ski rentals. It is based on the brand's award-winning GR Olympic binding. As ski touring is booming, rental stores face an increasing number of rental customers and the need to simplify and speed up their work. The GR Olympic Rent is easy to adjust and caters to a range of different shoe sizes. It also includes adjustable din settings from 6 to 10 to ensure the release mechanism working properly for different customers. The bindings can be adjusted easily according to the size of the ski boot, as well as the release force according to the weight of the skier and their skiing skills. A quick and easy one key adjustment for all settings helps to save time and effort when adjusting the bindings. For most ski touring rentals, some pin bindings are only adjustable around a small range of boot sizes. The GR Olympic Rent caters to that problem with an adjustment range of up to 70 mm.

For beginners or pros alike, the ski doesn't carry itself up the hill when ski touring. This is why a lightweight solution also makes sense in rental bindings and why GRIZZLY.SKI uses aircraft aluminum, as light material for their bindings. The GR Olympic Rent also includes a crampon adapter, a security ski brake and two heel heights coming in at just 194 g, making it a super lightweight in its class. The pin mechanism is easy to use and the rear fin helps place the skis on the backpack for carrying. Overall, the GR Olympic Rent is a sophisticated and lightweight rental binding that is easy to adjust and handle for both rental operators and customers, which is wildly important for beginners and intermediates to enjoy their mountain experience.

Jury-Statement:

"The GR Olympic Rent is light and very easy to adjust for a range of different boot sizes and din settings. Especially the wide adjustment range of up to 70 mm is a bonus and makes work in the rental store easier".

ISPO Award Jury

Advantage overview:

- Very lightweight for easier uphill
- Easy to adjust for both rental operators or users
- Wide range of adjustment for different boot sizes
- Safety bindings with din adjustment and ski brake
- Two heel heights and a fin for easier carrying or storing

Product specifications:

Weight: 194 g
Din setting: 6 to 10
Designed for rental companies:
Wholesale pricing on request.
Available from October 2022

→ grizzly.ski/en





Ultra-light ski touring binding

The GR Olympic Tour is a super-light ski touring binding putting safety and easy handling to the forefront.

GRIZZLY.SKI
BINDINGS

The GRIZZLY.SKI journey began with the production of ultralight bindings, mainly for athletes. Over time, the brand decided to bring the DNA of race products to the wider public. That is also why GR Olympic Tour was created, based on the award-winning GR Olympic. The lightest ski touring binding of its category has two heel heights and comes with adjustable din settings from 6 to 10, also taking female or lighter skiers in general into account. The heel part contains a micro shift range of 10mm which makes it easier to use with different ski boots and also the toe piece is adjustable to take in different boots. Integral parts of the binding are also a crampon adapter and security ski brake. Still, the weight only comes in at 148 grams. So clearly the GR Olympic Tour was created for lovers of movement in the mountains who do not want to carry excess weight.

GR Olympic Tour has been made to keep a light ski set up, even with a wider ski. It features the original locking system that makes stepping into the pin binding really easy. One locking arm allows the front mount to be released and locked, with a fitting time of only 1.5 seconds. A spring helps to release the ski boot from the binding in downhill position. The microshift function as well as the adjustable release force settings are easy to set and change with just one screw each.

The pins of the bindings are really durable and do not break and material wear is minimal compared to other materials on the market. Overall the bindings are made from tough metals such as aircraft grade aluminum and stainless steel. These materials also meet the requirements for use in ski touring bindings, making them light, flexible, maintenance-free and, of course, recyclable.

Jury-Statement:

"Easy to handle, quick to step in and not a whole lot of weight to carry uphill, even if your set up is more downhill-oriented: The race DNA of the GR Olympic Tour makes it a intuitive and technically sophisticated companion when ski touring."

ISPO Award Jury

Advantage overview:

- Lightweight: keep a light ski set up, even with a wider ski
- Great micro adjustment options for different boots
- Safety bindings with din adjustment range from 6-10 and ski brake
- Two heel heights and a fin for easier carrying on the pack
- Quick locking system to allow really fast pin step in

Product specifications:

Weight: 148 g

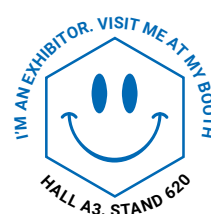
Din settings: 6 to 10

Colors: red, blue, silver, gold

RRP: 699,00 €

Available from October 2022

→ grizzly.ski/en



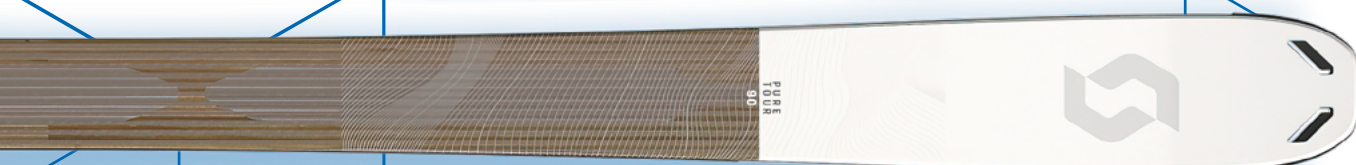
ISPO
Award



SCOTT Pure Tour 100



SCOTT Pure Tour 90



Sustainability loves versatility

The SCOTT Pure Tour is designed to be a one ski quiver: extremely versatile for all the conditions, yet a new generation of skis that is constructed as sustainable as possible.



With its shorter radius, longer rocker and new tip shape, SCOTT's Pure Tour got the secret recipe for versatility. Introducing a new generation of skis, it has a brand new sustainable construction, using flax fiber for smooth flex, and poplar for the pop, meaning you can respect the mountains while shredding.

The shape of this touring ski has been created to suit all conditions and terrain and the materials have been chosen to be as responsible as possible. The product is then covering the two big trends of the market: versatility and sustainability. In addition, a women's specific model has been developed for improved performance for lightweight skiers. By offering all sizes, this one ski quiver will be the perfect option for many women, from touring and freeriding to piste, catering to a higher demand of having a single, all-round ski to use in different types of terrain and conditions. With the Pure Tour 100 and 90, the brand expands their learnings from the Super-guide LT95 Re-source, to now offer a new high-performance ski with even more sustainable materials. The design concept incorporates a clean and reduced modern look, while also highlighting the technologies built in.

The versatility of SCOTT's new touring ski reduces the number of skis you need to have in your quiver, therefore also having a reduced impact on the planet on that side. The skis are produced in Austria and the components of the ski are all sourced from there or countries in the close vicinity. The waste generated from production is also recycled or used to create energy at the production location. This way the impact of the SCOTT Pure Tour over the different parts of the product lifecycle is also limited a greater deal.

Jury-Statement:

"With this ski, Scott takes yet another step towards a more sustainable way of making skis. Certified wood, the use of flax fibers instead of carbon and partly recycled base and titanal plates make a more sustainable and versatile ski without sacrificing performance."

ISPO Award Jury

Advantage overview:

- Lightweight
- Eco-friendly: certified woodcore, flax fibers and 50% bio based top-sheet
- Titanal, base, sidewalls & edges: recycled from waste
- Versatility for skiing a greater range of conditions
- Women-specific sustainable ski for lightweight skiers

Product specifications:

Color: 90: white; 100: black
Sizes: Women: 152,160,168 cm;
Men: 170,178,186 cm
RRP: 849,00 €
Available from fall 2023



→ scott-sports.com/resource



New sustainably produced touring ski

Environmentally friendly but at the same time no loss in terms of performance, this is what Scott had in mind when developing their new Superguide LT 95 touring ski.



SCOTT has now taken an important step towards more sustainable ski production. Franz Marsan, Ski Product Manager at SCOTT, explains the reason for this development as follows: „At SCOTT we are skiers, cyclists, runners and love our playground in nature. Our philosophy is to respect it and be environmentally conscious in the manufacturing of our products. We wanted to apply this philosophy to our skis as well. The Superguide LT 95 represents a new way to reduce our environmental footprint.“ To do this, SCOTT took a close look at the materials used to build a ski. If you take a closer look at SCOTT-s new Superguide LT 95, this becomes very clear. For this touring ski, the SCOTT team has set itself the goal of working with sustainable materials as much as possible.

The core made of 100% certified poplar wood comes from sustainable forestry in Europe, while the ski is manufactured entirely in Austria. 100% natural flax fibre is used to cushion the ski. It replaces a carbon layer and, as an alternative solution, gives the ski improved handling characteristics, for example, in variable terrain. The new eco-materials make the skis more controllable and improve the skiing experience and comfort.

As far as the design of the SCOTT Superguide LT 95 touring ski is concerned, a bridge has also been built to naturalness. On the one hand, through the largely transparent topsheet, which gives a glimpse into the inner workings of the ski and shows the eco-materials used. At the same time, a more environmentally friendly approach was also taken here and the injection of too many different colors was avoided.

Jury-Statement:

“The Superguide LT 95 is probably the greenest touring ski on the market thanks to the absence of carbon and the use of flax fibres, domestic materials and the high recycling content. Since the eye also travels, SCOTT also shows transparency here and allows a look into the inner workings of the ski through the ingenious design.”

ISPO Award Jury

Advantage overview:

- Over 50% of the weight is made of eco-materials
- Important milestone towards sustainable ski production
- High proportion of recycled and local materials
- No carbon and use of flax fibers for damping
- Transparent design

Product specifications:

Length: 178 cm
Shape: 128-96-117 mm (radius: 23 m)
Material: certified wood core
RRP: 999,00 €
Available in stores: since October 2022



→ [scott-sports.com](https://www.scott-sports.com)



Intuitive protection in all conditions



The Julbo Lightyear unites amazing ventilation technology with super-sophisticated reactive lenses and offers excellent vision day and night.

Thanks to the Julbo Lightyear, adjusting the goggles to changing conditions for maximum protection will be a lot more intuitive. Extra airflow can be easily activated and locked in an ultra-secure way thanks to magnets. The photochromic lenses, especially the exclusive REACTIV Cat0>Cat4, offer the best vision from dark night to sunshine. Without even thinking about it for a second, skiers and snowboarders will benefit from a perfect protection all riding season. Integrated magnets to secure the lens lock whatever the temperature and make the ventilation closing easy. Bi-injected frame for flexibility, good fit, strong lens hold and lightweight. Photochromic lens for the best vision whatever the conditions. The previous SuperFlow System by Julbo launched a few years ago and was perfect for ski tourers or committed freeriders who were used to adjusting their gear. It required specific movements and a little bit of training. The new SuperFlow PRO integrated in the Lightyear a lot more intuitive and easy to understand: only one finger is needed to open or lock the system.

The starting point for the Lightyear was to avoid a crazy design when integrating the SuperFlow PRO ventilation technology. Now, its compact design makes the technology completely invisibly, allows a wide field of vision and makes the goggles also lightweight.

Lots of work has also been done on the assembly and the kinematics of the parts. Special attention has been dedicated to wearers of prescription glasses with a frame shape that fits over them. And despite all the technologies included, the goggles itself are clean and compact, ensuring a good fit with a helmet.

Jury-Statement:

"The intuitive ventilation technology as well as the photochromatic lenses that adapt to every condition you can think of make the Julbo Lightyear a product that is amazingly simple to use, although there is so much technology in it."

ISPO Award Jury

Advantage overview:

- Maximum ventilation by Superflow Pro technology
- Easy system to unlock and re-lock thanks to invisible magnets
- Ultra-versatility: use from dark night to sunshine
- Special OTG version available
- Compact shape for a great fit with a helmet

Product specifications:

Goggle Size:

Adult, fits slim, medium to large faces
OTG version available

Colors: 14 colors available

RRP: 229,90 €–259,90 €

Available from October 2023

→ julbo.com





Better performance through biobased materials



The WNDR Alpine Intention 108 shows that building freeride skis with reduced environmental impact doesn't mean skimping on their performance characteristics.

It's one thing to create products that are more easily recyclable. It's an entirely different achievement to create recycled components and integrate them into your products in house, resulting in measurably improved performance. The WNDR Alpine Intention 108 – featuring a biobased Algal Wall and Algal Core and a recycled Spiral Plate – accomplishes all of these things, proving that responsible construction and cutting edge performance do not have to be at odds. With biobased and recycled components that work together to improve damping, reduce weight, and boost durability, the Intention 108 represents the possibilities unlocked by building materials with biotechnology and materials science. Algal Wall delivers better damping performance than a typical, petroleum-based ABS sidewall, while enabling a production process that reduces waste and eliminates the need to use resins to join the Algal Wall to the core. Algal Core helps reduce weight while maintaining torsional rigidity. Spiral Plate offers 35% better binding screw retention strength than a traditional bootplate. Combining these advanced materials with proven, freeride-focused geometry, the Intention 108 delivers unprecedented descending performance for its weight, regardless of conditions. The Intention 108 is already shifting mindsets around environmental responsibility in product design. "For too long, there's been a consumer assumption that lower environmental impact means lower performance," says Xan Marshland, WNDR Alpine's manager of brand development. "Our technology allows us to disprove this assumption. And with the Intention 108 as a proofpoint, our ultimate goal is to share this technology with more innovators across our industry to make biobased materials more widely available for everyone to use."

Jury-Statement:

"WNDR uses biotechnology (biomanufacturing via fermentation), materials science, and waste reclamation to create products that achieve greater on-snow performance, fewer petroleum inputs, and less waste output than traditional ski construction. Their Intention 108 completely changes the narrative around the performance of sustainable products."

ISPO Award Jury

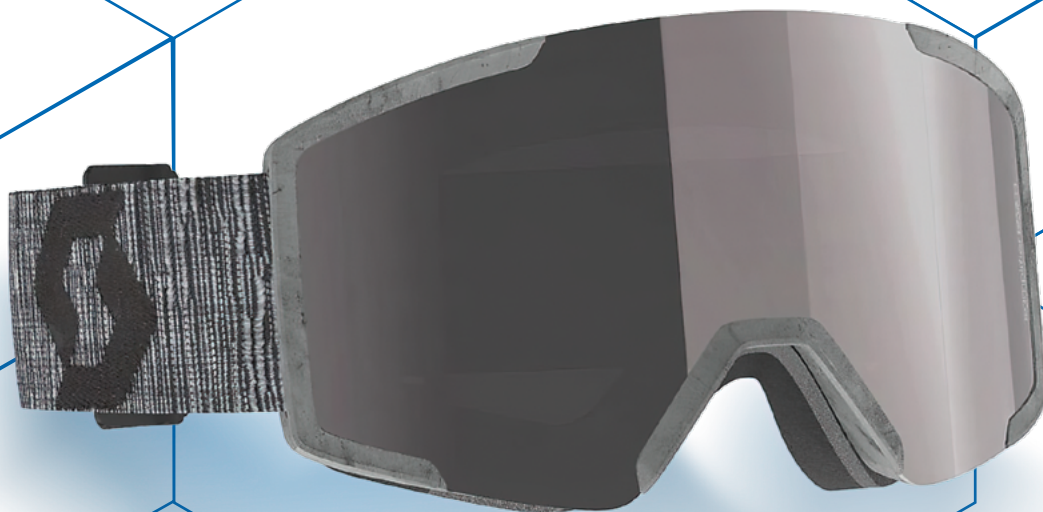
Advantage overview:

- A more sustainable freeride ski thanks to bio-manufacturing
- Reduced environmental impact without sacrificing freeride performance
- Improved damping and binding retention strength
- Eliminating resins to bind sidewall and core of the ski
- Reduced weight while maintaining torsional rigidity

Product specifications:

Algal polyurethane (foam and cast), 6%, Utah, USA
 Aspen, 24%, Michigan, USA
 Fiberglass, 21%, Utah, USA
 Biobased Supersap Resin, 18%, Utah, USA
 Polyethylene base material, 8%, Austria
 Size: 164, 170, 176, 182, 188, 194 cm
 RRP: 811,00 €
 Available since July 2022

→ wndr-alpine.com



Turning old into new

SCOTT The Shield Recycled is Scott's first shot at a circular product, in which material from old SCOTT goggles is re-purposed for new goggle frames.

How can old products be returned to the material cycle, their components reused and used to make new sports products? This question is essential when it comes to the circular economy. SCOTT also dealt with this topic extensively last year. The Shield Recycled ski goggles are a proof of concept for the brand and its first step into the world of recycled products.

SCOTT had internally collected over a year's worth of old SCOTT goggles and processed their frames into granules in Austria, which were in turn injected into new goggles. The frame of the new ski goggles then consists entirely of recycled old goggles. And the wide and non-slip strap of the Shield Recycled is also made of 100% recycled polyamide from Fulgar and is also produced in Austria, the lenses of the ski goggles in France.

Otherwise, the Shield Recycled is equipped with the same proven features that also distinguish the previous ski goggles of the Shield line from SCOTT and were praised in the ISPO Award jury meeting for their functionality. The Shield is a medium to large goggle that has an extra-wide field of vision with its cylindrical lens and fits well with most helmets. Its three-layer, pre-formed foam face pad fits great, especially on medium to large faces. The Shield Recycled comes in timeless grey and its casual half-brim design gives it cool elegance.

Jury-Statement:

"The Shield Recycled concept is a very good step into the world of recycled products. Last year SCOTT collected old SCOTT goggles that have exceeded their lifespan and then recycled the frames into new goggle frames. The exciting concept manages to minimize environmental impact and produce more sustainable ski goggles."

ISPO Award Jury

Advantage overview:

- Over 60% of the weight is made of eco-materials
- Completely recycled frame material
- Nylon eyewear strap made from 100% recycled material
- Old glasses are turned into new ones
- Super contrast and extra wide field of vision of the glasses

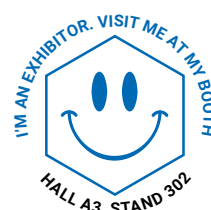
Product specifications:

Material: 100% recycled TPU frame and 100% recycled nylon strap

RRP: 129,90 €

Available in stores from: October 2022

→ scott-sports.com





Change it like no one else



100% unique Norg Goggle is targeting innovative skiers and snowboarders, who demand superior lens changing capabilities. Unmatched frame-to-lens-fit combines with uncompromising performance

For alpine snowsports enthusiasts, perfect vision and eye protection is key. Quick, easy and reliable lens changing options have become indispensable features when deciding for the right goggle. Fast changing, even extreme weather and light conditions are a challenge for every mountaineer, especially in snowy environments. For innovative Skiers and Snowboarders who do not want to compromise on performance and comfort, Californian Eyewear-Specialist 100% is introducing the brand new Norg Goggle.

While Magnetic goggles have persuaded already a growing followership in the snowsports scene, most magnetic models seed the lens into the frame. While this system is easy to use, during impact, lens ejection issues can overshadow the user experience and may leave the face and eyes unprotected in adverse conditions.

The Norg uses 100%'s „Gravity8“ magnetic system, combining it with the proven „3D Plan Molded Lens technology“, evolving from the revolutionary and popular Armega Goggle. The structural integrity of the Norg goggle is provided by the lens, while the frame is kept soft to offer maximum comfort and outstanding fit.

Thanks to the unique design of the goggle, the lens is „wrapped“ around the frame, while eight rare earth magnets keep the lens securely in place under any conditions and all sort of impacts. It's basically impossible to unwillingly eject the lens, while quick adaption to all sorts of weather or light situations by changing to a more appropriate lens is easy and practically effortless. With its unique combination of design and function, the Norg is able to provide an unmatched frame-to-lens fit, with uncompromising performance. With its combination of innovative technologies, unique design, unmatched comfort and outstanding style 100%'s Norg Goggle is a bright spotlight in the goggle market.

Jury-Statement:

“The Norge Goggle is a good example of how the function of a goggle with magnetic interchangeable lenses is noticeably improved by changes to small details.”

ISPO Award Jury

Advantage overview:

- Outstanding lens changing capabilities
- No unwanted ejection of magnetic lens possible
- Unique design
- Maximum comfort
- Unmatched frame-to-lens fit

Product specifications:

Size: One Size

Colors: White, Black, Green, Red

Price: 270,00 €

→ 100percent.com



Lightweight protection from impacts

The Arc5 Pro is Oakley's first FIS-certified ski racing helmet. Thanks to the integrated, highly innovative M-FORGE® Composite Technology it is lightweight yet offers exceptional (multi-) impact protection.



The ARC5 Pro is Oakley's first FIS-certified ski racing helmet, designed and developed with reigning world champion Aleksander Aamodt Kilde. As one of the fastest and most accomplished racers in the sport today, Kilde's expertise provided insights into what makes a great helmet to the brand. It features a unique rear design for a more aerodynamic and aggressive ski-race tuck position.

In a sport that favors speed and borderline recklessness there is no room for half measures. This is why the protection and safety of the racer are key and the ARC5 PRO features an array of technical features designed to support performance and safety at all levels. The implemented M-FORGE® Composite Technology sets a new standard in terms of both performance as well as sustainability as the material is fully recyclable. Dual density foam added to the fronts and sides of the helmet underneath the shell material has been added to lessen the impact of the gate if it hits the helmet. MIPS integration reduces rotational forces on the brain caused by angled impacts to the head. A chin guard can be added and removed tool free, making it easier to swap out or take off in case of emergency. Also, the emergency removal ear pads of the ARC5 PRO have been designed to be removed quickly and safely by first responders, in case the head or neck have to be stabilized in case of a crash. The helmet is tapered around the strap area to help goggles sit securely against the face and of course fits seamlessly with Oakley's Flight Path goggle, designed in conjunction with the ARC5 Pro for a seamless fit. And what does Aleksander Kilde himself think of this helmet? »My first impression of the helmet was that 'it's the perfect package.' It's like wearing nothing, while still feeling very safe and fast.«

Jury-Statement:

"Overall the ARC5 PRO packs a lot to the punch in terms of technical improvements, which had us really convinced. Aerodynamic, comfortable to wear, lightweight and secure thanks to the innovative, sustainable M-FORGE® Composite Technology and other features, that's what you really want and expect from a FIS-certified race helmet."

ISPO Award Jury

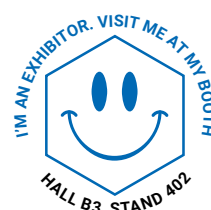
Advantage overview:

- M-FORGE® Composite Technology for hard-shell products
- Super-tuck shell design
- Gate protection foam
- MIPS® protection system
- FIS-certified and developed in collaboration with world champion Aleksander Kilde
- Emergency removable ear pads & tool-less chin guard

Product specifications:

M-FORGE® Composite Construction helmet shell, MIPS® Brain Protection, EPS, Polartec® Power Grid™ comes with a helmet carrying case
Sizes: Small (53–56 cm), Medium (55–59 cm), Large (57–61 cm)
Colors: Blackout, polished black, white
Weight: 655g (740.5 g with chin bar)
RRP: 539.99 €

→ oakley.com
→ m-forge.com





Aerodynamics at its best

KASK The Kask Omega is a new ski helmet that offers improved aerodynamics and protection for rapid downhill descents.

For all downhill, giant slalom, and super-G athletes there's just one keyword: speed. But right alongside comes safety, which is essential when flying down icy slopes at speeds touching 150 km/h. This combination of maximizing speed whilst guaranteeing the utmost protection was at the heart of the development process that led KASK to design the Omega, a high-performance helmet for racers competing in high-speed alpine skiing competitions. Omega is KASK's latest ski helmet and first racing helmet – made entirely in Italy. What started as a project to develop a world cup helmet for speed disciplines resulted in a helmet at the intersection of excellence and performance. The Omega combines KASK's proven success in the world of cycling with input and analysis from world cup skiers. Wind tunnel testing confirmed the Omega is among the best in its class, yet it offers more; a perfect fit and a tailor-made feel. Minimizing drag was key to developing the Omega. On top, the Omega Carbon version also takes advantage of carbon fiber's extraordinary properties to result in an ultra-lightweight helmet weighing 600 g only in a Size M. The design and shape of the helmet were developed based on simulations carried out in the field of aerodynamics and tested with professional skiers in actual race conditions. The brand was testing the helmet with the help of professional skiers in the wind tunnel, while the highly advanced software used insights from CFD simulation. Following this process, KASK was able to optimize the aerodynamic profile of the Omega to maximize marginal gains. The Omega features both improved aerodynamics and less weight to gain these milliseconds that could decide over a podium finish or not in alpine ski racing.

Jury-Statement:

"This helmet has all the performance embedded a sportsman can ask for. Every detail has been taken very seriously by KASK: lightness, wearability, comfort and safety. In addition, style and appearance make this helmet aggressive and compelling... ready to race!"

ISPO Award Jury

Advantage overview:

- Lightweight
- Perfect fit
- Aerodynamic
- Complies with all FIS World Cup safety certifications

Product specifications:

Two versions: one in carbon fibre and one in thermoplastic integrated ski goggle hook & synthetic leather chin strap

Weight:

Omega Carbon: 600 g (Size M)

Omega: 660 g (Size M)

Sizes: XS–S–M–L–XL

Omega Carbon: Carbon Black

Omega: White, Yellow, Blue

RRP: Omega Carbon: 800,00 €

Omega: 350,00 €

Available: October 2022

→ [kask.com](https://www.kask.com)



Blurring the lines to a helmet goggle combo

Salomon's new Driver has been reworked and bears an even closer resemblance to traditional helmet-goggle combinations now – with the comfort of a visor helmet.

SALOMON

The Salomon Driver has been successful on the market for a while but has now received a deep revision. Various features have been improved and the brand also tweaked the design. The new Driver from Salomon blurs the lines between visor helmets and traditional helmet-goggle combinations even more. It is equipped with the most advanced technologies and, at the same time, the visor helmet offers different ways to express the wearer's style through the choice of color or lenses.

The new Driver is also available with MIPS technology, which provides extra protection in the event of a side impact. MIPS is a low-friction layer that allows multidirectional movement at specific impact angles to reduce rotational force on the head. Additionally, the Salomon Driver also has Smart Safety 360 and EPS4D built in for comprehensive protection. EPS4D, which is 30% more efficient than the market standards, is an EPS foam developed by Salomon that, thanks to its structure, absorbs the impact in the event of a fall while also improving the ventilation of the helmet.

The fit has been redesigned and with the help of a Boa® 360 system, the helmet can be adjusted very simply and very precisely. Simply turn the knob to make the helmet tighter or to widen it again. The merino lining also contributes to the pleasant wearing comfort. And the handling of the helmet is also conceivably intuitive. A magnetic Fidlock® closure buckle simply snaps shut as soon as the distance between the two parts is short enough. It is just as easy to release, even if it does not open on its own and you therefore keep the helmet securely on your head in the event of a fall.

Jury-Statement:

"Glasses wearers, the Salomon Driver convinces immediately. With the easy-to-use Over The Glass system, I can wear my glasses comfortably underneath at all times and the operation of the integrated ski goggles works very pleasantly."

ISPO Award Jury

Advantage overview:

- Great fit, even for prescription wearers
- Perfect visor integration
- Wide field of vision
- Low profile design
- Multiple styling possibilities with variations in terms of technologies and colorways

Product specifications:

Sizes: S, M, L

Weight: 690–760 g

Color: 16 color options available

RRP: 240,00–350,00 €

Available in stores from: November 2022

→ salomon.com



Best visibility with sun, clouds, or snow

A spherical lens gives the Salomon Radium Prime goggles a great field of vision. Magnets hold the lens in place and make it easy to switch.

SALOMON

Ski goggles are crucial when it comes to having the best visibility and protection at the same time – whether on the slopes or in the powder. Sometimes it's the little things that count. With Salomon's Radium Prime ski goggles, too, the innovation lies in the details. For example, in the magnetic lens that can be easily changed without taking off your gloves or in the fact that the goggles simply have a super field of vision thanks to their spherical lens. 16 magnets invisibly installed in the frame of the ski goggles, hold the lens in place.

Radium Prime goggles comes with an extra lens. The lens of the goggles can still be replaced easily, even without taking off your gloves. In bad weather, of course, a great advantage, because your hands stay warm. In the event of a fall, the glasses do not have to be laboriously and tediously freed from the snow and cleaned – the lens can simply be removed and replaced or cleaned.

Although the lens of the Salomon Radium Prime is extremely easy to change, you can also choose a lens that is perfect for all conditions with the SIGMA PHOTO lens. SIGMA PHOTO technology provides enhanced contrasts and adapts to the light conditions. Radium Prime SIGMA photochromic lenses tint when light levels increase. If the UV radiation decreases, so does the tint of the lens for best visibility even in changeable conditions. The spherical lens provides an extended field of view. At the same time, the frame adapts to different face shapes thanks to the Custom ID fit and even glasses wearers can keep their normal glasses on under the Salomon Radium Prime.

Jury-Statement:

"The Radium Prime is the indispensable companion in changing weather conditions. Thanks to the perfectly balanced magnets, it is possible to change the lens in seconds, even with gloves. In addition, the goggles offer an extra-wide field of vision with absolutely excellent contrast, so you won't miss a line or obstacle. The perfect ski day starts with the perfect goggles."

ISPO Award Jury

Advantage overview:

- Easy to change magnetic lens – even with gloves on
- Extended field of vision thanks to the spherical lens and thanks to the frame shape
- Soft three-layer foam that adapts to the shape of the face
- Ski goggles also suitable for spectacle wearers
- Wide, double adjustable strap against slipping

Product specifications:

Goggles size: medium/large
Color: available in 14 color variations
RRP: 220,00–260,00–280,00 €
depending on lens technologies
Available in stores from November 2022

→ salomon.com



Tinting within the blink of an eye

Fast lens tinting for sports sunglasses takes on a new dimension with the React optray. Well-made, useful intelligent technology, perfect fit. Handmade in Switzerland.

react

Outdoor sports enthusiasts know the feeling when sunlight suddenly hits their eyes and blinds them. This can sometimes lead to challenging situations when, for example, skiers leave a wooded area at high speed onto a sunlit slope. The same applies to bikers, who often move between shady and sunny passages in the terrain. What helps, a pair of sunglasses that can quickly "switch" between individual tint levels.

This is precisely where react's optray comes in. Within 0.1 seconds, the lens can adjust the tint levels. Everything is possible, from a clear lens, ideal for darker hours of the day, to a forceful darkening. The whole thing is made possible by the Swiss company's ShadeTronic technology. The state-of-the-art sensor uses infrared rays to convert them into electric power, changing from cat. 2 up to cat. 4 within the blink of an eye.

With the optray sunglasses, consumers get their hands on a stylish and highly functional pair of sports sunglasses that are priced completely within the bounds. If you also consider that the glasses are handmade in Switzerland, the price becomes even more approachable.

For all who want to take only one pair of glasses on their sports outing, an ideal choice. Another plus, the glasses can also be worn in everyday life, the design makes it possible.

Jury-Statement:

"The react optray automatically adapts to changing light conditions within 0.1 seconds using integrated infrared sensors and that without an external power source. And it works reliably. Especially when cycling or skiing, where speed is involved, a superb technical solution. Fits well and can also convince with style."

ISPO Award Jury

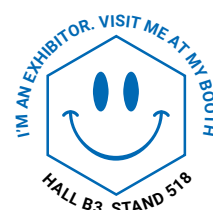
Advantage overview:

- Lightweight
- UV-400 protection
- ShadeTronic-Technology
- No batteries, power by the sun

Product specifications:

Available: June 2022

Price: 289,00 €



→ react-swiss.com



Visor with style



Great features and protection as well as a visor that doesn't look like one make the Scott Blend Plus a great visor helmet option.

Ski helmets with visors have been on the rise in recent years. Because they are practical, you can't forget or lose your ski goggles and they can also be worn comfortably with everyday glasses. At the same time, most would prefer the visor helmet not to look like one, but visually more like a helmet with ski goggles. The SCOTT Blend Plus now fits perfectly into this aesthetic gap: it is a helmet with integrated ski goggles and brings all the advantages of a visor helmet, but does not look like one.

In terms of safety, the helmet is equipped with various technologies to compensate for falls at different speeds and to protect the head all around. EPP and EPS inserts at the crucial points ensure that less happens in the event of an impact. In addition, MIPS in the SCOTT Blend Plus ensures that the head or brain is less affected by rotational forces and oblique impacts.

At the same time, the ski helmet is not heavy, but pleasantly light to wear. The Blend Plus also has adjustable ventilation and was designed so that you can hear just as well with the helmet on as without it and can hear sounds all around you while skiing.

All the product features and advantages that distinguish the helmets and ski goggles of the manufacturer have gone into the development of the new visor helmet from SCOTT. The visor of the SCOTT Blend Plus engages magnetically and thus sits securely in position. This means that it stays up when it is supposed to stay up. However, it can easily be turned down. In the same way, it does not wobble or slip when the visor is folded down to protect against snow, wind or sun.

Jury-Statement:

"The trend towards helmets with integrated visors continues. The new SCOTT Blend Plus convinces by the easy handling of the visor and the wide field of vision. Also, a practical feature for glasses wearers: everyday glasses can be worn under the visor."

ISPO Award Jury

Advantage overview:

- Suitable for spectacle wearers
- Looks like a ski helmet with ski goggles and not like a visor helmet
- Equipped with MIPS as well as EPP and EPS inserts for best possible protection at different impact speeds
- Intuitive to use with magnetic closure and easy lens change
- Improved hearing and ventilation

Product specifications:

Sizes: S, M, L

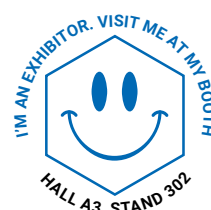
Color options:

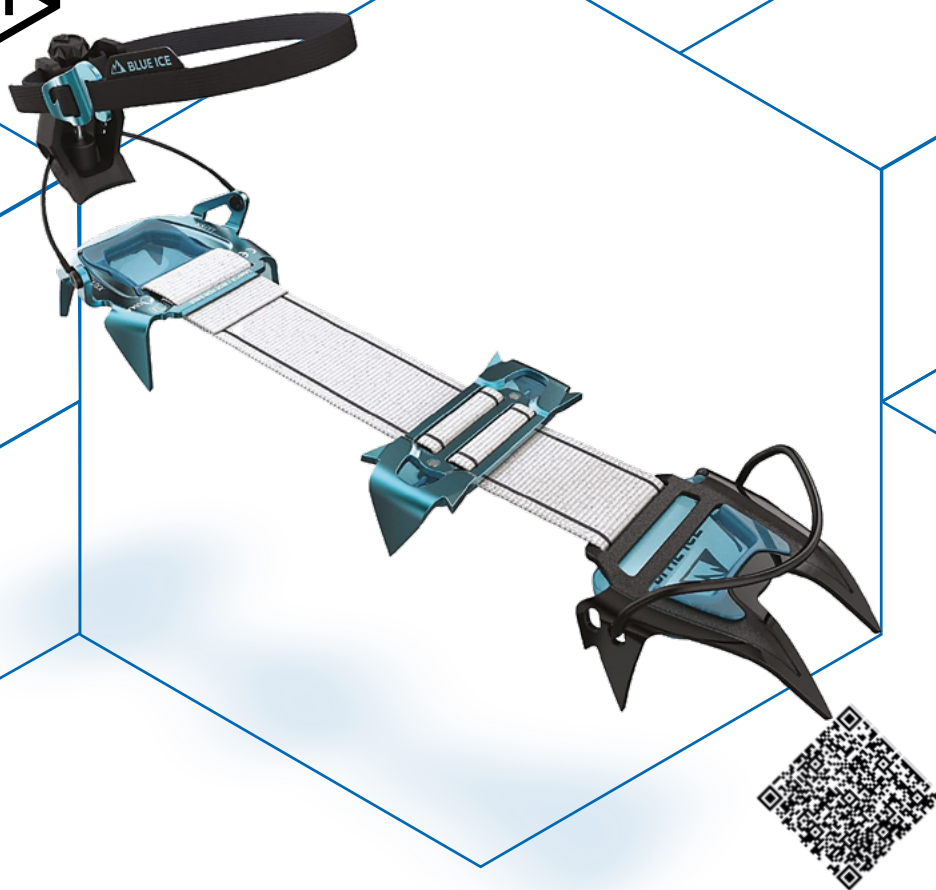
black, white, aspen blue (medium blue), light beige

RRP: from 269,90 €

Available in stores: since October 2022

→ [scott-sports.com](https://www.scott-sports.com)





Light, safe, easy to adjust and to stow away



The Blue Ice Harfang crampons convinced the jury with a forward-thinking design that meets all the requirements for lightweight crampons.

Crampons are a necessary piece of equipment on ski or alpine tours. When it comes to safely walking along an icy ridge or traversing an icy flank, they provide safety and grip. Crampons must be safe, light and easy to stow. In addition, they should be easy to put on and adjust, and at the same time robust. The Blue Ice Harfang crampons meet all these requirements with flying colors.

The industry-standard metal bar connecting the front and back of the crampons has been replaced by a wide textile strap. It is also adjustable, so Harfang crampons can be worn from shoe size 35 to 47. The 40 mm wide main strap is made of UHMWPE and HTPE – very abrasion-resistant and durable polymer fibre materials. At the same time, the textile strap can be folded and the crampons can thus be stored much smaller than crampons with a rigid metal connecting bar.

When folded, the Blue Ice Harfangs really take up little space. They can be stored small in a handy bag and are hardly a nuisance when not in use, whether stowed in a backpack, attached to the hip fin or on the harness like a chalk bag, always at hand. At 377 g, they are also really lightweight, and even with the anti-balling system, they weigh just 419 g.

Different prototypes of the crampons were tested over two years in a wide range of conditions, from the Parc National des Ecrins in France to the Sierra Nevada in California. During this time, the team was surprised again and again at how versatile the ten-pronged crampons are.

Jury-Statement:

"With a total weight of 419 g, the Blue Ice Harfang are the lightest crampons on the market and at the same time offer a steel rail and an anti-collapse function. When held 'folded' they are the size of an apple and will fit in any backpack."

ISPO Award Jury

Advantage overview:

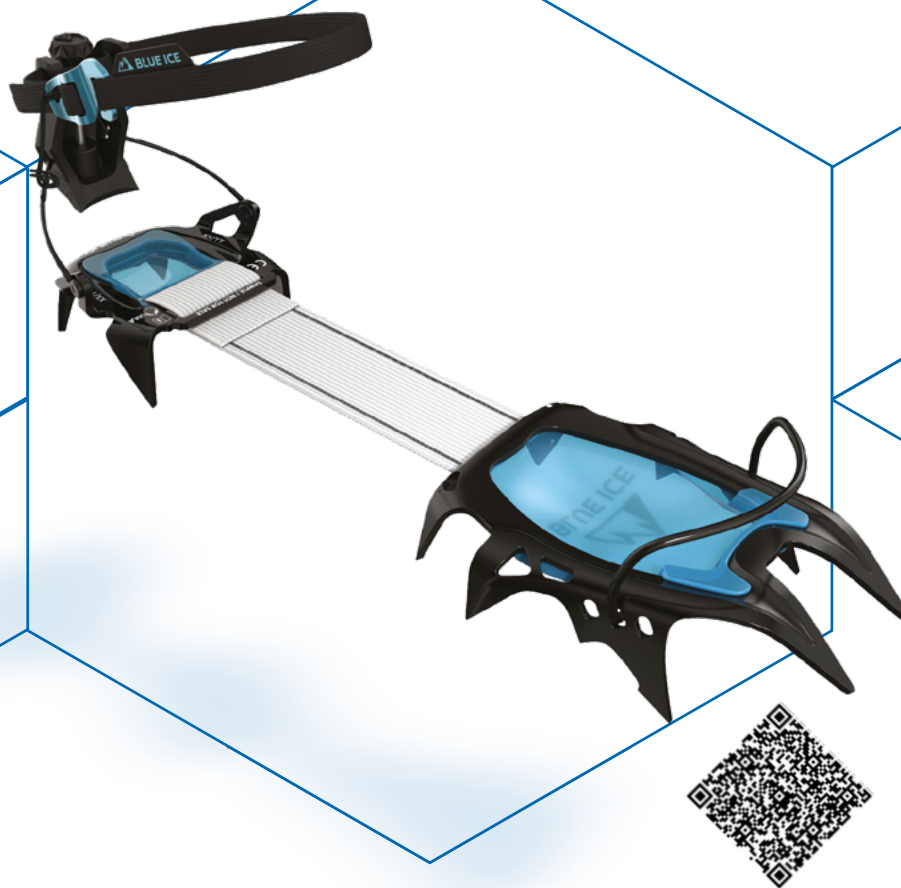
- Extremely light crampons: 377 g without and 419 g with ABS
- Tiny pack size that does not get in the way even when attached to a harness
- Numerous options for fine adjustment and precise fitting to the boot or ski boot
- Innovative construction with textile strap
- Robust thanks to hybrid construction of chromoly steel and aluminum

Product specifications:

Material: 40 mm main belt made of UHMWPE and HTPE, chromoly steel, aluminum.
Weight: 377 g without ABS, 419 g with ABS
Certifications: CE EN 893, UIAA 153
Shoe sizes: 35 EU–47 EU
Available in stores from: September 2021
Price: 140,00 €

→ blueice.com





A light & compact, yet super technical crampon



Yet another technical crampon model featuring Blue Ice's patented strap design: Curtain call for the Harfang Alpine.

The Blue Ice Harfang Alpine are one of the lightest and most compact technical 12-point crampons for technical alpine climbing and mountaineering as of today. They feature a Chromoly front and rear rail, both equipped with an anti-balling system so snow won't get caught under your crampons. The front rail is asymmetrical to give maximum performance. In this model, Blue Ice also uses the patented wide textile strap known from the Harfang line to minimize bulk and offer an incredibly compact packing option. They are around 30 percent lighter than the market average and can be set up as auto and semi-auto depending on the boots in use.

The Harfang Alpine is one of the lightest on the market (623g with ABS). Compared to the Harfang, the front rail has been elongated to increase rigidity. All other points are also more aggressive. The asymmetric design takes the shape of left and right boots into account for the best possible performance. The toe bail comes with three adjustable positions to make sure that it fits a wide variety of mountaineering and ski-touring boots. They are also designed to fit any boot with heel welt and include two front bail systems: fully auto and semi-auto, which are easily interchangeable. Overall their compact and light design along with great performance convinced the ISPO Award Jury.

Jury-Statement:

"Low weight and high durability is a combination difficult to realize in crampons. In this case, Blue Ice has succeeded superbly. Twelve teeth of steel provide sufficient robustness and do not fall too heavy in weight. Also, they can be easily stowed in the backpack and take up very little volume."

ISPO Award Jury

Advantage overview:

- Abrasion-resistant
- Tiny pack size that does not get in the way even when attached to a harness
- Numerous options for fine adjustment and precise fitting to the boot or ski boot
- Innovative construction with textile strap
- Lightweight

Product specifications:

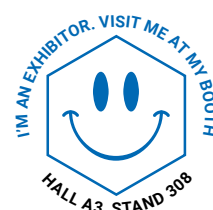
Size: 35–47

Color: Black

Price: 160,00 €

Available from autumn 2022

→ blueice.com





Super-light and quick to bite



Blue Ice's Aero Lite aluminum ice screws are among the lightest on the market and, thanks to sophisticated engineering, are also exceptionally safe.

Ice screws are used as mobile belay points in a wide variety of situations – whether in ice climbing for belaying in ice flanks and icefalls or ski mountaineering as anchors, for quick belays and crevasse rescue in glaciated terrain. The best ice screws can withstand high loads when used correctly, are easy to handle as well as light in weight.

The Blue Ice Aero Lite ice screws have several features allowing speed in handling: each size has a specific color so that you can immediately pick the right screw for the conditions of the surface and ice. The Aero Lite is available in 5 different lengths, depending on regulations in the respective country. The 13 cm screw comes in gold, the 16 cm version in blue, the 19 cm is gray and the 22 cm and thus longest Aero Light ice screw is available in green. All colors are thus easy to distinguish on your harness.

Thanks to the three-tooth tip, the Aero Lite ice screws from Blue Ice bite quickly. The tip is machined from stainless steel, while the screw body is made from aluminum. This hybrid construction makes for a super-light ice screw, while the stainless steel still brings great performance properties and durability. The design and geometry of the three teeth at the tip of the screw were subject to lots of tweaking during the development phase. With the help of the stainless steel crank, which can be folded in and out, the Aero Light ice screws from Blue Ice can also be screwed in comfortably.

Jury-Statement:

"The packaging is made from recycled cardboard and does not use plastic - a big improvement for ice screws. The Blue Ice Aero Lite ice screws have a larger diameter so they can be inserted into existing holes. They are the lightest and come in bright colors for each of the available lengths. These screws are what we've been waiting for."

ISPO Award Jury

Advantage overview:

- Larger diameter makes Blue Ice Aero Lite ice screws safe even in existing anchor holes
- Lightest aluminum screw on the market
- Three-tooth bit design and stainless steel crank for quick and easy placement
- Color coding for easy selection of the right length
- Environmentally friendly, regionally produced packaging with no plastic

Product specifications:

Lengths: 10, 13, 16, 19, 22 cm
(availability depends on country specifications)
Weight: Red (10 cm–58g), Gold (13 cm–65 g),
Blue (16 cm–72 g), Grey (19 cm–8 g),
Green (22 cm–84 g)
Available in stores: since September 2021
Price: 70,00 €

→ blueice.com





Versatile slings for alpine climbing



The Blue Ice Alpine Runners are UV and abrasion resistant slings to complement your gear when multi-pitch or alpine climbing

With the Blue Ice Alpine Runners, Blue Ice took a stab at developing belay accessories that are efficient to manage and handle. As climbers, we probably all struggled, to extend a quickdraw in an awkward position at some point, or had a knee caught in a sling dangling from our harness because we didn't fold it back properly. From this point of view, Blue Ice designed a single strand sling to ensure practicality and high performance. They are ideal for use as extendible quickdraw and for anchor slings.

Blue Ice Alpine Runners are simply a coil of ultra-high tenacity yarn that is dressed up with two protective sheaths and covered with a single braided sheath. This way the Alpine Runners create a strong link that doesn't rely on any stitching for strength. They were also made ultra-resistant to UV and abrasion and come in four different lengths that are also color-coded for even easier handling. The 35 cm and 55 cm slings are ideal to use as extendable quickdraws. Being single strand makes them easier to handle when folding and unfolding, so they are quick to set up or stow away again on your harness. The longer ones, with 90 cm and 110 cm length are perfect to build equalized anchors. With two independent end loops you can have two carabiners preset with the runners or adapt the sling how you like.

The abrasion and UV resistant single strand slings have a wrapped UHMWPE core and a HTPPE braided sheath. Its single strand design greatly improves its portability and ease of use compared to a traditional closed loop sling. This makes the Blue Ice Alpine Runners a great add-on and ideal for seasoned climbers and mountaineers looking for lightness and simplicity when doing multi-pitch or alpine routes.

Jury-Statement:

"The extension of webbing slings when climbing and especially untangling actually annoys many climbers. Great job that Blue Ice has found a new solution here."

ISPO Award Jury

Advantage overview:

- Abrasion-resistant
- Lightweight
- Easy to fold and unfold
- UV protection

Product specifications:

Sizes: 35cm–55cm–90cm–110 cm
1 color per length

Price:

11,00 € for the 35cm

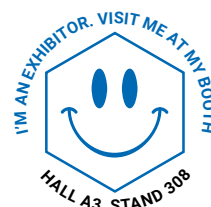
12,00 € for the 55cm

15,00 € for the 90cm

16,50 € for the 110cm

Available: Autumn 2022

→ blueice.com





Easier braking and steering your sledge



Bachmann Rodel has developed a new brake and steer system to make sledding safer. With the system even inexperienced sledders or kids reach the valley safely.

The brake-and-steer-system by sledge manufacturer Bachmann is unique for sledges and intuitive to operate: If the luger wants to reduce the speed on snow and ice, he or she only needs to pull the control cable and the sledge slows down. This system also helps when steering the sledge. To make the ascent easier, the system doesn't slow the sled down, when it is pulled uphill. This system that helps to increase safety even for beginner lugers also has gained a European patent.

Users can simply pull on the sled's control cable, which they hold in their hands anyway. The system is ergonomic to use because it is human nature to hold on to something in an emergency. The more fear one feels, the more he or she holds on. With the Bachmann brake-and-steer-system, the luger will pull harder on the steering rope and slow down the sled more. This system also helps people steer the sled to avoid obstacles. When the sledge is pulled uphill, the braking system is not active.

The design of the system was developed over two winters. It is entirely made of stainless steel to maximize the life time of the braking system. According to Bachmann Rodel, the main goal was to design a simple and robust system that is easy to use and safe.

The parts consist of bent stainless steel sheets that are welded together. This means that the energy consumption of the production process is the lowest. All parts of the braking and steering system are manufactured in South Tyrol.

Jury-Statement:

"Tobogganing is great fun for young and old. To keep it that way on icy slopes, Bachmann-Rodel has developed a simple but ingenious steering brake. And it also opens up the sport to people with less experience in sledding."

ISPO Award Jury

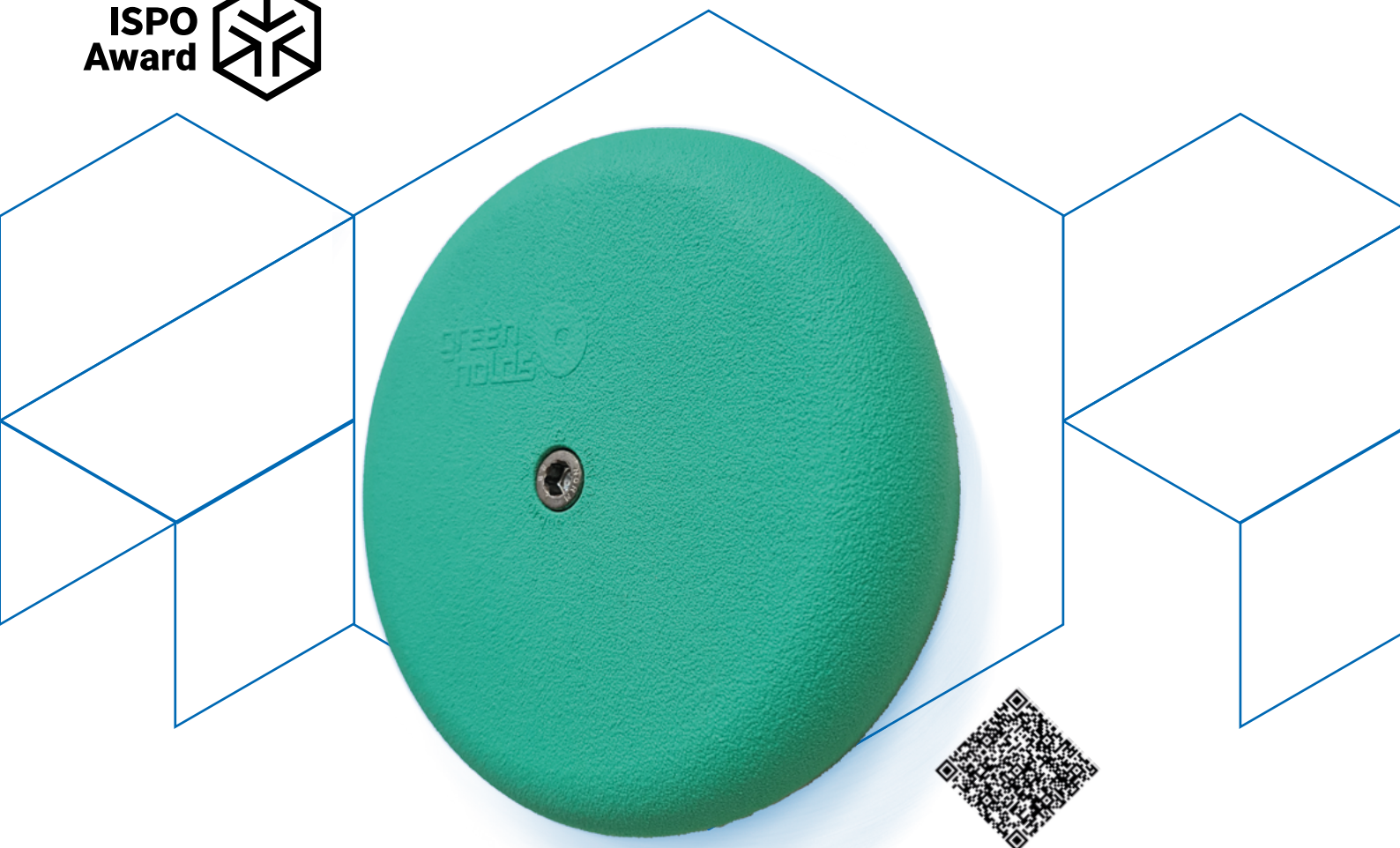
Advantage overview:

- Made of high-quality, stainless steel
- Easy to grip control rope
- Optimal support during braking and steering especially on icy tracks
- Patented system

Product specifications:

RRP: 100,00 €
(surcharge, depending on sledge model)
Available since January 2022

→ bachmann-rodel.com



More sustainable along the climbing walls



If you want to make climbing more sustainable in bouldering or climbing gyms, or even at home, Greenholds has an alternative on hand.

Anyone who climbs indoors has felt them dozens of times on and under their fingers. They are the grip when it goes up the indoor wall by body power – climbing holds made of plastic. And this is exactly the problem for which Greenholds offers the solution.

The Greenholds climbing holds are made out of waste stream material and are 100% recyclable without lots of mechanical properties (lab and field tested). Existing climbing holds are waste at the end of their lifecycle. The Greenholds climbing holds are evidence based engineered and produced with a total new production method not known to the market right now.

The raw material chosen for the Greenholds comes from the waste streams (nylon) is a thermoplastic, unlike the thermosetting raw materials used today for the production of climbing holds (polyurethane or polyester).

The company has carried out an intensive feasibility study for this and after a final exchange with industrial research, polyamide is the raw material of choice. The material has the best mechanical properties for the use of this product and is 100% recyclable. The manufacturing and recycling process is mechanical, not chemical. Greenholds also makes small compromise in the packaging, which is made of 100% recycled cardboard. The product is worthwhile and in the right price range.

Jury-Statement:

"By using only recycled material, valuable resources are saved. The possibility of returning used grips and benefiting from a price advantage certainly motivates environmentally conscious, sustainable rethinking in climbing and bouldering gyms. The grips are robust and also haptically well solved. Great durable and sustainable approach."

ISPO Award Jury

Advantage overview:

- Lightweight
- Recyclable
- Recycled
- UV protection

Product specifications:

Available: Q4 2022
RRP: from 29,95 €

→ greenholds.eu



Revolutionary and ultra-light

CAMELBAK The CamelBak Fusion™ 2L Reservoir offers a revolutionary design that's easy to use.

Fast, light and simply practical – the CamelBak Fusion™ 2L Reservoir has it all. Featuring the Tru Zip, a waterproof zipper system, it offers a revolutionary design that's easy to use. CamelBak thus brings heavyweight features into an ultra-lightweight package that comes with a universal attachment for all drinking water-compatible backpacks.

If that weren't enough, the molded back panel provides a thin profile for easy cleaning. So at the end of the trip out in nature, athletes can enjoy even easier cleaning, thanks to Hydroguard Technology that inhibits the growth of bacteria in the reservoir and hose.

A new technology and another step forward for all outdoor enthusiasts – and professionals. Here CamelBak can play and use its vast experience specifically – and introduce the latest technology for trail-ready water bottles!

The new Fusion 2 lite Reservoir with Tru Zip offers innovative hydration solutions to keep users fully focused on their journey ahead. The integrated handle and pinch grip design allow for convenient and easy one-handed filling at sinks and coolers.

Jury-Statement:

"Whoever manages to combine the tetrad of cushioning, traction, lightness and weather-proofing in one shoe takes the hybrid trail running shoe approach to the next level. A state-of-the-art running shoe for professionals that is equally oriented towards the needs of fast-moving hiking fans."

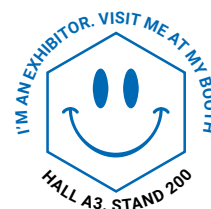
ISPO Award Jury

Advantage overview:

- Tru Zip is durable and waterproof
- Hydroguard Technology inhibits the growth of bacteria in the reservoir and tube
- Big Bite Valve delivers 20% more water per sip
- Quicklink-System for easy reservoir removal from the pack

Product specifications:

2L and 3L reservoirs sizes are available
Price: 53,00 €
Available: since May 2022



→ camelbak.com



Magnetic seal for magic closure

FIDLOCK. The Fidlock Hermetic hydration bladder makes staying hydrated really easy. Its flap snaps shut automatically and stays that way.

Climbing, biking or hiking – a good water supply is essential. And hydration bladders have made it easy staying hydrated, even without stopping to unpack, unscrew and drink from a bottle.

FIDLOCK has now introduced a new closure mechanism that is even more convenient to handle. Thanks to its patented closure technology, the FIDLOCK HERMETIC hydration bladder is filled with ease and closes immediately and securely. The three wide-opening rows of magnets seal automatically and hermetically making the hydration bladder absolutely leakproof. The additional SNAP closure on the pocket flap can be operated with one hand and prevents unintentional opening. Easy handling and cleaning is guaranteed thanks to the large opening.

No clicking, pushing or manually locking in general is needed for closing the FIDLOCK HERMETIC products. It comes with an included drinking tube that is also interchangeable. The bladder is available in a 1.5 liter and a 2,5 liter volume.

The choice of foil keeps the closure together as securely as possible – leak-proof and double secured by the extra magnetic snap fastener and three magnetic bars. The additional protection and the thicker material ensure safe protection and no spillage, even under unusual loads (e.g. a fall). Compared to conventional hydration bladders, this solution is a little revolution as there is no need for complicated sealing and the bladders works great, completely without leaking.

Jury-Statement:

"Fidlock has provided a great example of how proven products can be made even better with new technologies. The clasp closes very easily and super fast. The large opening makes it easy to fill and clean the hydration bladder."

ISPO Award Jury

Advantage overview:

- Hydration bladder with magnetic self-sealing closure
- Maximum tightness thanks to patented technology
- No manual locking, clicking or pushing for closing the hydration bladder
- Large opening for easy filling and cleaning
- Included drinking tube (interchangeable)

Product specifications:

Size: 1,5 l and 2,5 l volume
RRP: 59,99 €
Available: December 2022

→ fidlock.com





Clever & Smart

The days of "just training straight away" are gone. Anyone who's interested in their health wants to know his status quo. The mescan offers the best and fastest method on the market.

cardioscan ✓

Body data relating to health and fitness are becoming increasingly important. Using artificial intelligence in a meaningful way and keeping the access threshold for it low is a principle that the company cardioscan has implemented excellently with its latest achievement, the mescan.

Training works best when you understand your body. The mescan not only checks body data. It coaches you individually on the basis of the results. In this way, every user receives intelligent, tailor-made recommendations for training, nutrition and regeneration.

Mescan measures heart rate variability, stress level, body composition and metabolism. The 360-degree view of body data ensures that training works without the need for time-consuming supervision by a trainer / store manager. The mescan is a self-service device for professional training monitoring and tool for individual upselling opportunities. The mescan is a real customer magnet because it makes it easy to see what we are made of. For retailers, the mescan is a sales aid by providing consumers with insights. One's own body data reveals what the consumer really needs for successful training. Cardioscan's innovative mescan solution is aimed at people who want to train effectively and also want to know exactly what their body can provide in terms of performance. The areas of application of the body scanner are diverse: fitness studios, sports clubs, physiotherapy, doctors, hotels, company health management and sports retail. Coupled with the in-house cardioscan vicoach app, the mescan's body measurement data can be additionally extended for users. The app uses the measured data for individual recommendations on training, nutrition and regeneration. Designed with 360 degrees in mind, the app is an all-round partner for fitness studios, retailers and consumers.

Jury-Statement:

"Health and fitness data have become a key factor in training. As a B2B solution, mescan offers added value in the gym. At the same time it provides athletes with a convenient way to optimize their training and have their performance data analyzed comprehensively."

ISPO Award Jury

Advantage overview:

- Fast and accurate measurement
- All relevant body data are measured
- Easy usage
- Safe usage
- Data that everyone can understand

Product specifications:

Available: since 2020 for fitness industry & since 2022 for retailers and B2C
RRP: 39,90 € up to 99,90 €
depending on store purpose

→ cardioscan.de/dein-mescan



Natural rowing feeling for the living room

Its slim design, quiet and natural use, as well as digital integration, make the Aqua Stream a recommendation in the home training sector.



Rowing has become a real trend in recent years, especially in the home training and fitness sector. The secret of its success certainly lies, among other things, in its practical application in the home and the ease with which it can be learned. The body is challenged holistically, especially for legs and buttocks an ideal training opportunity. There are many devices on the market. The Aqua Stream is now a real competitor.

Its slim design is striking. Thus, the Aqua Stream can be placed in many living rooms. Thanks to wheels, it can be easily moved back and forth. After use, it is easy to store on a wall or cabinet on edge. The real highlight of the Aqua Stream is the longitudinally installed water tank and the associated rudder system. The combination of both elements allows an extremely quiet and natural use of the rowing machine. Once in swing, nothing can actually be heard from the resistance of the water in the tank. The rowing system and its seat are very similar to the set-up in a real rowing boat. The similarity to the real movement on water is amazing. Not just a small detail: the water tank, with its capacity of 6–9 liters, requires only a third of of water compared to other rowers. This makes it a lightweight representative.

The integration of digital applications via Bluetooth and an image via a tablet, which can be attached to an extra console in the field of view, rounds off the good overall impression. In connection with rowing apps like Kinomap, a competition situation can be displayed in this way.

Jury-Statement:

"The Aqua Stream has a rowing experience with an authentic water feel while being more space efficient than comparable models. This device combines the advantages of devices with air or magnetic resistance and that with a chic design and fair price. Highlight of the AquaStream is the longitudinally installed water tank and the associated rudder system."

ISPO Award Jury

Advantage overview:

- Slim design
- Quiet usability
- Natural rowing feeling
- Integration of rowing apps via Bluetooth
- Little weight

Product specifications:

Available: from January 2023
RRP: 1.499,00 €

→ sport-tiedje.de



Avalanche safety for multi-day trips



The new touring version of Deuter's avalanche packs comes with a roll-top extension for longer trips, and other handy features for ski-mountaineering.

The Alproof Tour 38+5 is the new touring version of Deuter's avalanche airbag pack with fully electronic Alpride E2 technology. It's significantly larger (38 l), with a roll-top for 5 liters expansion. Tour-specific additions are a rope fixation on top and thoughtfully placed compartments and fixations that do not interfere with the airbag. It is spacious and light, offering maximum comfort and practicability with the Alpine back carrying system.

The roll-top expansion by 5 liters with the stowable strap to attach your climbing rope is a new feature offered by Deuter to cater to the needs of a growing multi-day ski touring community. The pack also allows easy access to the inside and a separate safety compartment. Skis and snowboards can be mounted frontally or skis also diagonally, without interfering with the airbag system.

This backpack features ergonomic shoulder straps, a detachable sternum, an emergency whistle, position adjustment straps and also ergonomic hip fins. In addition to the hip belt and an infinitely adjustable sternum strap. The leg strap prevents the backpack from slipping over the head in case of burial. While wearing, it can be clipped without opening the hip belt and thus facilitates the handling. The airbag release handle's height is also adjustable on both sides (left or right). The Alproof Tour offers more space, modular attachment solutions, low weight and easy handling for multi-day ski (or splitboard) touring in alpine environments. At the same time, it has one of the most advanced, all-electric avy airbag systems available integrated. All materials were specifically chosen too be functional, lightweight, safe and reliable for ski touring in alpine regions. The backpack is PFC-free.

Jury-Statement:

"Sufficient space and the possibility of a five liter extension via roll-top makes this pack flexible for multi-day ski touring or split-boarding. Its modular attachment solutions won't interfere with the avalanche system, which makes this pack a reliable partner on tours spending several days in avalanche terrain."

ISPO Award Jury

Advantage overview:

- Multiple features to attach and stow gear without compromising the avy system
- Roll-top extension can be filled or folded back as needed
- Alpride E2 technology is quick to release even in cold temperatures
- No need for cartridges
- More space and modular attachment solutions

Product specifications:

Mens version (38+5L)
+ a womens SL version (36+5L)
Color: Alproof Tour 38+5 in khaki/black;
Alproof Tour 36+5 SL in redwood/black
Weight (incl. airbag system): 2,770 g
(36+5 SL), 2,790 g (38), Minimum weight:
1,630 g (36+5 SL), 1,650 g (38)
RRP: 1.350,00 €
Available from August 2023



→ [deuter.com](https://www.deuter.com)



Innovative, safe and convenient



The Alproof 32 offers the high quality and great comfort of a lightweight Deuter freeride pack with the advanced avalanche airbag system Alpride E2

Freeriding, ski touring and splitboarding have been booming for years – and even more so in times of the pandemic, when experiencing nature and individualization play a particularly important role. Due to avalanche dangers, however, these sports are also associated with a high demand for safety equipment. The German mountain sports brand Deuter has recognized this need and is launching a new range of avalanche backpacks with innovative technology in autumn 2022.

The German backpack pioneer and sleeping bag expert Deuter, brought the know-how of the Swiss company Alpride in-house for the new avalanche backpacks. As a result, the Alproof series combines the high quality and maximum carrying comfort of Deuter backpacks with the Swiss engineering skills of Alpride, who have been producing lightweight and robust avalanche airbags since 2009. The Alproof 32 is GS® certified by TÜV Süd and specially designed for the needs of ambitious freeriders. At its heart is the advanced, fully electronic Alpride E2 avalanche airbag with the latest supercapacitor technology, which ensures a high level of safety in an emergency.

The Alpride E2 avalanche airbag is considered one of the lightest electronic airbag systems on the market. Even low temperatures cannot harm it because, unlike lithium-ion batteries, the supercapacitors can store electrical energy without chemical reaction. As a result, they provide the same performance from -30 °C to +40 °C. Another advantage: they can be charged in just 40 minutes with two AA batteries or in just 20 minutes via a micro USB connection. This means you can inflate the airbag as often as you like for practice without incurring costs for recharging or changing the cartridges.

Jury-Statement:

"The Deuter Alproof 32 is lightweight and easy to handle. The airbag inflates in less than three seconds. Additional AA batteries ensure a long standby time. LCD displays and external LED lights offer full control and a 'buddy check' function. Plus, the carrying system and attachments are super practical and intuitive."

ISPO Award Jury

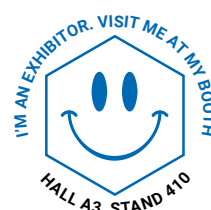
Advantage overview:

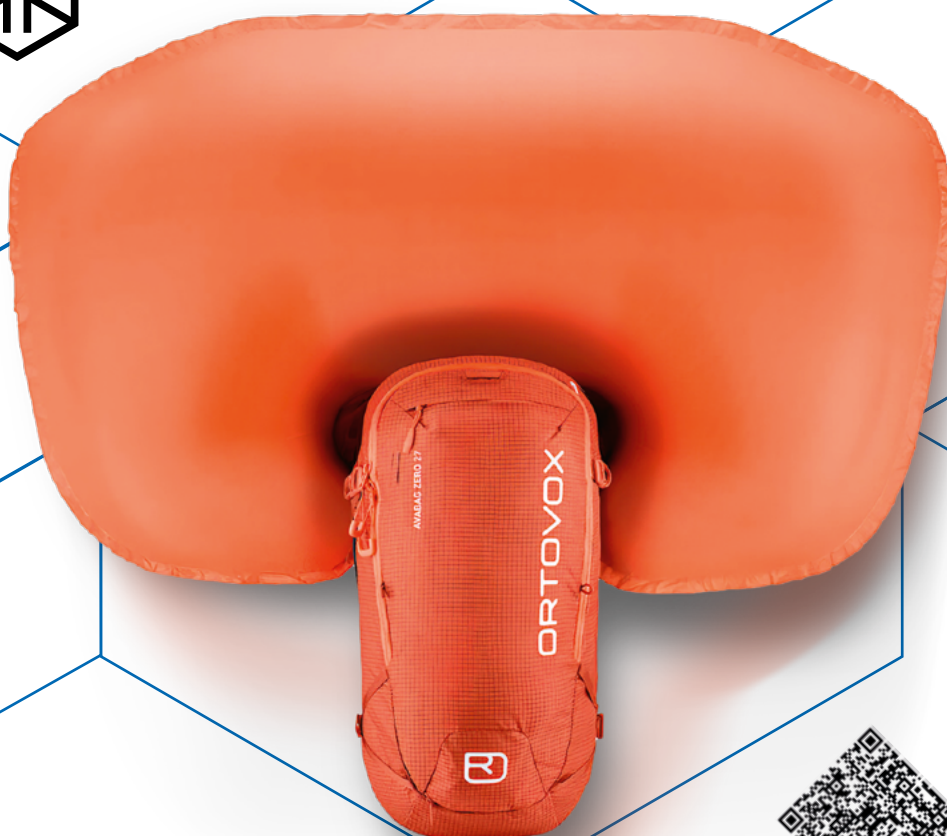
- No compressed air cartridges required unlike other airbag systems
- Large LCD display for checking the most important parameters
- Easy to operate
- Sustainability thanks to durable, PFC-free materials
- Lightweight and ergonomic

Product specifications:

Available from autumn 2022
RRP: 1.300,00 €

→ [deuter.com](https://www.deuter.com)





New and progressive avalanche airbag system



Ortovox and Arc'teryx have joined forces to develop their own avalanche airbag technology. The LiTRIC system is electrically powered, particularly compact and lightweight.

When the product developers and experts from two of the world's leading mountain sports brands put their heads together in terms of safety equipment, things can only get progressive. Powered by super capacitors and a long-lasting lithium-ion battery, Ortovox and Arc'teryx have joined forces to develop their own new avalanche airbag technology that is particularly compact and lightweight. The electrically powered LiTRIC system offers at least two activations within 60 hours on one battery charge. This means that multi-day tours are safely possible, even if there is no way to charge the airbag system on the go. The LiTRIC avalanche airbag technology is well thought out down to the small details. The height-adjustable activation handle is secured against false activation with a 180-degree turn, but can still be operated intuitively and released quickly in an emergency.

A powerful centrifugal compressor with a compact high-performance blower including axial diffuser inflates the airbag in four seconds. During an avalanche event, a short release and rapid deployment of the airbag is essential to keep the skier or snowboarder on the snow surface with a higher probability, thus increasing the survival rate. The supercapacitors have been designed to work reliably and without a drop in performance even in the most extreme temperatures. The permissible operating temperature ranges from -30 to +45 degrees Celsius. An LED light on the side of the backpack also indicates operational readiness including charging status. LiTRIC combines avalanche safety expertise from Vancouver and Munich and is 100 percent made by specialists in Bavaria.

Jury-Statement:

"Electronic airbag systems are becoming increasingly popular and, with the new LiTRIC system from Ortovox and Arc'teryx, also increasingly lightweight. The low overall weight of this avalanche backpack and the possibility of attaching different backpack sizes to the airbag unit via zip convinced us as a jury."

ISPO Award Jury

Advantage overview:

- Lightweight: the LiTRIC system weighs only 1080 g
- Innovative electric system without cartridges
- Charged within 25 minutes
- 2 releases possible within 60 hours and suitable for multi-day tours
- Entire Ortovox Avabag LiTRIC collection is climate-neutral and PFC-free manufactured in Bavaria

Product specifications:

System weight LiTRIC: approx. 1080 g (excluding rucksack weight).
Airbag volume: 150 l
Permissible operating temperature: -30 to 45 degrees Celsius
Product lifetime: 50 activations
Available in stores: since October 2022
Price: from 1.100,00 €



→ litricavalanchesafety.com



New edition of the popular avalanche airbag

The SCOTT Patrol E2 is a state-of-the-art avalanche backpack made from durable fabric, with optimized gear storage and the latest Alpride E2 airbag system.

What could be better than going freeriding on a powder day? Skiing or snowboarding in fresh powder snow is something very special, yet it also involves risks – especially after large fresh snowfalls. Avalanche airbags, along with general avalanche equipment such as transceivers, probes and shovels, have therefore become standard for all those who want to move more safely in the backcountry. This is why protective equipment is constantly evolving and avalanche backpacks also benefit from research and development in new models. The SCOTT Patrol E2 is a state-of-the-art avalanche backpack with the latest Alpride E2 system integrated. It is more durable thanks to Cordura® Ripstop fabric, optimised gear attachment solutions and special pockets and compartments for different gear have also been considered. With 30 litres of packing volume, it is also the ideal freeride backpack with enough space inside. This is also ensured by the new Alpride E2 airbag system. The electronic system is smaller and lighter than its predecessor, the E1. This means there is more storage space in the backpack and less weight to shoulder when covering extra metres in altitude for the best snow.

The division of the compartments of the avalanche backpack as well as the workmanship as a whole is high-quality and well thought-out: it offers enough space for all pieces of equipment and they find a safe and practical place in or on the backpack. The upper material of the backpack is made of water-repellent and tear-resistant Cordura® ripstop fabric, which guarantees particular durability thanks to its robust finish. The boxed look of the fabric is a unique design element.

Jury-Statement:

„Two essential features convince about the new avalanche backpack from SCOTT: the new, electronic and lightweight Alpride E2 airbag system and its robust workmanship with Cordura® RipStop fabric. The latter makes the backpack extremely durable.“

ISPO Award Jury

Advantage overview:

- Alpride E2 airbag system: smaller and lighter than the predecessor
- Secure and comfortable fit of the backpack and intuitive design
- Charging status visible on display, otherwise easy to charge via USB port
- Made of durable Cordura® material
- Various possibilities for stowing equipment

Product specifications:

Weight:
1580 g backpack, 1140g Alpride system, total approx. 2720g
Colours: Black, Grey Black
RRP: from 1.099,90 €
Available in stores: since September 2022

→ scott-sports.com



All mountain activities. All conditions. All year.

Bergans
OF NORWAY

The Bergans Y MountainLine Daypack 40L pays special attention to versatility and adaptability so it can be used for all sorts of mountain adventures.

Experienced mountaineers don't need a closet full of backpacks. Many prefer to own one that can be used for a wide variety of mountain sports, which also makes sense from a sustainability standpoint. Better yet, it can also be used year-round.

Bergans has made this challenge central to the design of the Y MountainLine Daypack 40L to create a durable, adaptable, lightweight daypack that can be shrunk to a minimum or expanded into a fully equipped avalanche backpack. At the same time, a modular avalanche backpack doesn't sit in the closet 330 days a year. It can be used when climbing one day or skiing the next.

The Bergans Y MountainLine Daypack 40L can be easily converted and is enough to carry it as the only backpack. The avalanche system, for example, can be attached in 2 minutes. Thanks to its roll top, the backpack can be easily reduced when less is needed, but when fully packed, it offers plenty of space. The upper flap of the backpack, as well as the hip belt, can be removed at will. The flap can also be moved inside the backpack as an extra compartment. A full-length zipper on the back makes it even easier and clearer to keep an overall view of the equipment carried and to take out exactly the piece of equipment that is needed without having to unpack from the top. Together with partners Dong Jin and DSM Dyneema, Bergans has invested two and a half years to develop the ripstop fabric, blending Invista Cordura and Black Dyneema yarns for a low weight with high tear and abrasion resistance.

The Y MountainLine Daypack 40L is compatible with the patented Safeback SBX avalanche safety technology, which can be purchased as standard equipment. The technology allows the buried victim to breathe longer and extends the survival window of avalanche victims under the snow.

Jury-Statement:

"A backpack for almost everything. Robust workmanship, light weight and a variety of options, which expand the range of use enormously. From a light day hike to a challenging tour in alpine terrain as an avalanche backpack with easily removable avalanche system, this backpack offers the perfect performance while saving space and resources."

ISPO Award Jury

Advantage overview:

- Abrasion-resistant
- Adjustable in size and easy to adjust
- Tear and cut resistant
 - Dyneema & Cordura blend
- Environmentally friendly
- Lightweight
- Water repellent thanks to fewer seams

Product specifications:

Unisex

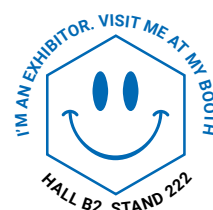
Sizes: S/M and M/L

Price: 260,00 € (backpack)

+ 340,00 € (Safeback option).

Available from autumn 2023

Color: Dark Shadow Grey



→ [bergans.com](https://www.bergans.com)



Air supply technology for avalanche and tree well burial



The Safeback SBX system has been designed to prolong the window of rescue by providing air to the avalanche victim for up to 90 minutes.

When buried under snow without any breathing assistance, burial victims have access to a very limited supply of air – even though the snow around them contains a high volume of air. Safeback's new SBX system has been designed to solve this problem by continuously pumping fresh air from the snowpack around the user's backpack and delivering it to the user's breathing area. As a result, the buried person receives fresh air to breathe. At the same time, the exhaled CO₂ is directed away from the face. This process extends the usually short period of time in which buried victims are able to breathe and increases their chances of survival. Normally, a window of 15 minutes is assumed, in which an avalanche victim has to be rescued for the person to still be alive. "The most common cause of death of completely buried persons is suffocation, as the buried person often has no or only a small respiratory cavity. This is why the chance of survival of a completely buried person drops significantly after only 15 minutes," the Swiss WSL Institute for Snow and Avalanche Research SLF states on its website. At the same time, up to 75 percent of deaths in avalanche accidents are due to suffocation (source: CMAJ). The Safeback SBX provides breathable air for 90 minutes and thus significantly increases the chance of survival. The Safeback SBX is reusable and powered by six lithium batteries selected for their high performance at low temperatures. The fan and the electronics that control it have been optimized to provide air to the breathing zone of the buried victim for as long as possible. With a full battery charge, the Safeback SBX runs for 90 minutes at minus 30 degrees Celsius.

Jury-Statement:

"In an avalanche accident, it is often a matter of minutes. The Safeback SBX system extends this rescue window for the buried victim and thus the chance of survival. An important innovation in the backcountry."

ISPO Award Jury

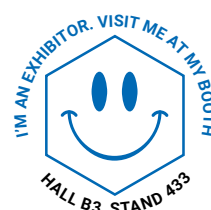
Advantage overview:

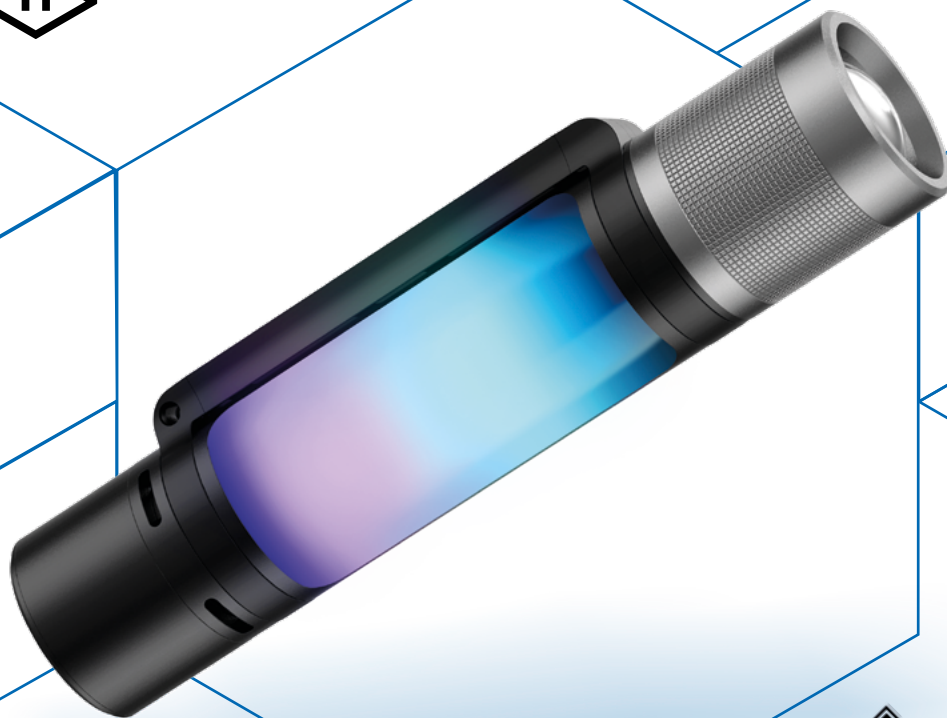
- Higher chance of survival in case of avalanche burial
- Innovative system without mouthpiece
- Small and lightweight
- Secure attachment to the backpack and its straps
- Works even at high minus temperatures and in compact snow

Product specifications:

Control unit size:
147 x 107 x 48 mm; hose length: 495 mm
Weight: 480 grams (incl. batteries)
RRP: 600,00–800,00 €
for fully equipped SBX backpacks
or 399,00 € + Price of backpack
On sale: from winter season 2023/24

→ safeback.no





Multi-purpose flashlight

NexTool

One tool to rule them all: NexTool's Thunder Music Flashlight unites twelve features in one device, from flashlight to speaker to emergency charger, and more.

Twelve functions, one gadget: the Thunder Music Flashlight by NexTool is a multi-purpose flashlight that also includes a Bluetooth speaker and side lights so it can illuminate your surroundings outdoors in the rhythm of the music.

The tool can be used as a 4-colors flashlight, music pulse lamp, sound atmosphere light, wireless speaker, work lamp, camp lamp, and sound alarm, and includes a tripod adapter as well as an emergency charger as the built-in large-capacity lithium battery can also be used as a power bank. Outdoor enthusiasts who care about the cost-performance ratio will love the Thunder Music Flashlight as it combines many functions in one single gadget and thus replaces several stand-alone tools.

NexTool intended to make the flashlight not just a lighting tool, but to give it more fun and function. Thus, it provides illumination and entertainment for outdoor activities such as hiking, camping, or night fishing. The side lights can visualize the music played on the speaker with a variety of light show themes. It is also possible to customize your own themes. Another feature is to switch to the sound pick-up mode, and you can feel the sound of the surrounding from its screen.

Jury-Statement:

"At first glance, this gadget looks like a sturdy flashlight. But it also functions as a power bank, Bluetooth speaker and outdoor light. A practical tool for all recreational campers."

ISPO Award Jury

Advantage overview:

- 12 features in 1 device
- Main light with 4 colors
- Side lights to visualize music or the sound of the surrounding
- Bluetooth speaker
- Powerbank function

Product specifications:

Color: Black
Price: 59.99 €
Available: since April 2022

→ nextoolworld.com



Turning night into day

SILVA The Silva Spectra A is an incredibly strong lamp with 10 000 lumen output and made for high speed action packed sports.

Spectra A is an astounding headlamp that turns night into day, delivering an incredibly strong light output of 10 000 lumen. The headlamp holds 8 high power LED lights, packaged into a sleek, intuitive design, accompanied by a powerful 96 Wh battery. Silva designed the Spectra A for high speed, action packed sports where light matters.

Spectra is a 10 000-lumen headlamp that turns night into day. It comes in a sleek, intuitive design, with a powerful 96 Wh battery. To further optimize the Spectra, there are 10 accessories available such as a remote control, helmet and bike attachments, battery extension cable, battery harness, and a head mount, designed to let you get the most out of demanding sports.

To create the perfect and the strongest light, the Silva Spectra A is built with world class Cree XLamp XHP50.2 LEDs and LEDil TINA2-RS lenses – the next generation of extreme high-power LEDs that deliver the best lumen density, reliability and color consistency.

With extreme light output comes need for extreme cooling. Spectra is designed for optimal cooling, taking various aspects into account. The cooler is made of cold forged aluminum and is shaped like chimneys with wave shaped walls for additional cooling surface. There is also a built-in temperature sensor that regulates the heat for optimal performance.



Jury-Statement:

"When darkness comes and you still want to go outdoors, this headlamp turns night to day with no limits. Sleek design, flexible tilt angle, and grip surfaces to adjust the 5 different light modes add to it. So much powerful light and quality construction is perfect for action outdoor sports."

ISPO Award Jury

Advantage overview:

- Hightech
- Optimal cooling system against overheating
- next generation high-power LEDs for best lumen density
- 10 accessories to make the most of the lamp for every purpose

Product specifications:

Colour: Black

Price: 799,99 €

Available since September 2022

→ silvasweden.com



Bike cleaning fully automated

The Wintersteiger Velobrush offers time savings and makes the cleaning process of all types of bikes a lot easier for both service workshops and professional bike rental stores.

WINTERSTEIGER
Thinking about tomorrow.

The Velobrush impresses with its innovative concept using horizontal rotating brushes. An independent cleaning unit ensures tires and rims are cleaned and get out of the wash good as new. The fully closed system protects against over-spray and ensures the work area also stays clean. The integrated powerful filter system reduces water consumption to a minimum, as water is simply reused. Loading the wash station is also easy: the bicycle is loaded into the machine via an ergonomic transport carriage.

The WINTERSTEIGER Velobrush can be used to gently clean all types of bikes using low water pressure and a gentle brush technology and is also compatible for eBikes. It offers time savings and makes the cleaning process easier – in both service workshops and professional bike rental stores.

The bicycle is loaded into the machine via an ergonomic transport carriage and doesn't need to be lifted. Extremely low water and energy consumption due to a closed water circle is also a big plus of this wash station, as the water is filtered and reused.

The Velobrush impresses with its innovative concept using horizontal rotating brushes, as the fully automated cleaning machine operates with low water pressure in order to avoid any impact on moving components, bearings or the drivetrain.

Jury-Statement:

"With this bike washing system, you can see that a lot of experience has gone into the product. In addition to the gentle cleaning of the bikes, WINTERSTEIGER has also ensured that the system is resource-friendly and easy to operate."

ISPO Award Jury

Advantage overview:

- Eco friendly
- Time-saving

Product specifications:

Price: 44.490,00 €
Available: 2022

→ wintersteiger.com/velobrush



Bike-towing-system for the whole family or a group of friends



kommit® is a clever bike towing solution when someone lacks the power to paddle uphill.

Imagine to ride your favorite trails with your kids and to have a great time. "This was why we developed the kommit® towing system", says Frank Hofmann (CEO, Head of P&D): "Our vision was an intuitive and easy to use product to tow your kids uphill so that they can save their power for the fun part going downhill. Now finally dads and moms can live and share their passion with their kids to ride together.

The advantage of the system is its light and compact design with only 138 g. It hides almost invisibly underneath the saddle but is there when you need it. You just hook in the leash on the stem of your kids or buddies' bike and support them uphill. Once you reached the top, the leash can easily be hooked off and released. It automatically retracts back into the casing, no need to stop for packing or stowing it and this is a huge advantage as it leaves more time for the important thing, biking.

To allow a long life of functionality and endless riding fun together the kommit® is made of high-quality materials to withstand dirt and rain. The functionality and design were a key priority. So, it integrates perfectly underneath the saddle and does not disturb the bike aesthetics nor the ride. The attachment is simple and "bullet-proof". It is super easy to mount tool-free and can also be exchanged between bikes within seconds. The bright orange leash is well visible and the reflective sticker at the back of the housing is just one other small detail that gives the right visibility for your safety.

The kommit® towing system is compatible with every bike and offers plenty ways to use it: in the mix of E-MTB / MTB / kids bike, for rescue in case of technical defect or just to pull your kids to the next ice cream parlour.

Jury-Statement:

"Clever and smart solution for all parents who want to go on a bike tour together with their children. No problem if you lose power or the climb is too steep. Once attached to the saddle, the tow strap can be easily attached to the handlebars and the fun continues. An automatic return pulley ensures that the tow rope is always neatly stowed away."

ISPO Award Jury

Advantage overview:

- Lightweight & small
- Easy to mount and use
- High quality materials

Product specifications:

RRP: 69,95 €

Already available on the market

→ kommit-bike.de



Communication and security in every corner of the world

zoleo Zoleo proves how easy and affordable satellite messaging can be: hyper-local weather forecasts, GPS location sharing, and 24/7 worldwide SOS alerts included.

Engaging in outdoor activities can take you off-grid where you cannot count on a mobile connection to message your loved ones or get help if you need it. The compact ZOLEO device connects via Bluetooth to a free app on your Android or Apple smartphone/tablet giving you access to the Iridium satellite network of 66 cross-linked Low Earth Orbit (LEO) satellites where you can send and receive messages anytime, anywhere. If you do find yourself within mobile coverage, the ZOLEO app will automatically deliver your messages over mobile or Wi-Fi, depending on which network is the most cost-effective at the time. Another unique feature of the ZOLEO service is that, unlike competing messaging services, each user gets his or her own SMS number and email address so he or she can stay in touch with family and friends. ZOLEO assigned contact information never expires and allows contacts to initiate messaging with ZOLEO users, as opposed to waiting to receive a message from users to which they can reply. Additional features such as hyperlocal weather forecasts powered by AerisWeather, GPS location sharing and 24/7 global SOS alerts supported by Global Rescue provide extra peace of mind when you are off-grid. The ZOLEO device is small, lightweight and provides over 200 hours of battery life. Designed to operate in temperatures ranging from -20°C to 55°C, it is shock-resistant, dust-resistant, and features superior (IP68) water resistance. This makes ZOLEO a unique, seamless messaging tool which can be used worldwide and is designed specifically for outdoor enthusiasts who don't want to worry about technology.

Jury-Statement:

"This device can be a lifesaver when you are outdoors, outside the reach of mobile network and need to alert search and rescue services. I was also convinced by additional functions such as the hyperlocal weather forecast."

ISPO Award Jury

Advantage overview:

- Global two-way text, email and app-to-app messaging
- Long messages of up to 950 characters
- Easy device-sharing
- Communication independent of mobile and Wi-Fi network
- Hyperlocal weather forecasts accurate to within 100 m of spatial resolution
- Every active ZOLEO subscription plan includes Global Rescue's expert 24/7 SOS monitoring with progress updates and emergency response coordination services 365 days a year
- GPS location sharing
- Check-in lets others know you're OK
- Lightweight
- Ready for operation from -20°C to 55°C

Product specifications:

Dimensions: 9.1 x 6.6 x 2.7 cm

Availability in October 2022 across Europe

→ zoleo.com



Solar power generator for outdoor enthusiasts

The Jackery 1000Pro is a lightweight generator that provides concentrated charging power in remote areas. Combinable with a solar panel, Jackery presents a robust and durable power solution.

Jackery

Concentrated charging power for all those who like to spend time at remote outdoor spots. Combined with the Jackery Solar Saga 80 solar panel, electricity can be produced far away from civilization. A maximum of 76 hours of power is available when the Jackery 1000Pro is fully charged. Examples of average operating times are:

17 hours of power for a mini fridge, a laptop can be operated for 8 hours.

The package of a power unit consists of a portable power station, the Jackery 1000Pro, and at least one solar panel. The conversion into electricity is simple. The solar energy captured by the solar panel is converted into electrical energy. The captured energy will then be stored in the Jackery 1000Pro for later use. The Jackery 1000Pro is thus a reliable and clean source of electricity for campers, motor homes, or serves as an emergency generator at home. But that's not the only benefit. Another plus point of the Jackery 1000Pro: the powerful power generator is a quiet representative of its kind. No unnecessary noise disturbs the outdoor experience or the environment. In short: power generation without a guilty conscience. Other interesting details? Yes, if we take a look at the weight of the 1000Pro next, for example.

No outdoor fan wants to pack or even lug around unnecessarily heavy things for his outing or holiday. This is where the advantages of a well-thought-out design become apparent: the Jackery 1000Pro weighs only 11,5 kg. That is considerably lighter than a traditional petrol-driven generator. Finally, the charging time of a generator plays a decisive role when it comes to a final purchase decision. And behold: the Jackery 1000Pro needs 108 minutes to be fully charged. That is fast for generators of this kind and rounds off the excellent overall impression of this power unit.

Jury-Statement:

"With this power storage unit, Jackery has created a device that could hardly be more up-to-date. Especially in combination with solar modules, storage devices make sense because you can use sustainable electricity around the clock – no matter where you are."

ISPO Award Jury

Advantage overview:

- Environmental friendly
- Fast charging
- Portable
- Solar power: No CO₂ emissions
- Quiet, noise level at 7 m distance: 7dB
- No follow-up costs for fuel or maintenance

Product specifications:

Available: Yes, via the website
RRP: 1.098,00 €
(without solar panel)

→ jackery.com



Double solar panel for all weathers

Jackery

With the Solar Saga 80, Jackery is bringing a new, lightweight solar panel onto the market. Due to its double-sided use, the panel can be used very efficiently.

Innovations are not always recognizable at first glance. This is also the case with the Jackery Solar Saga 80, a solar panel that can be used on both sides. More power generation for the same area, a clever idea. The panel also has an exceptional 92% transmission rate across the solar cells – allowing sunlight to pass through completely and increasing solar efficiency. The solar cell on the back absorbs reflected and diffuse sunlight and increases the conversion rate to a total of 25%. Efficiency is therefore a top priority for the Solar Panel 80. The solar panel has the right properties for robust outdoor use. Thanks to 2.8 mm low-iron and fully tempered glass, the Solar Saga 80 can withstand potential external influences. The unique corner design provides additional strength.

Let's move on to other thoughtful details. A two-meter extension cable provides additional charging distance. The material of the cable is also flexible enough for outdoor use. A highlight is the integrated transport bag: this is lined with reflective material and has adjustable straps that allow flexible adjustment of the angle of reflection to achieve maximum sun absorption.

The brand new 80 W solar panels are fully compatible with all Jackery Power stations and offer a premium range of charging options, with up to twelve 80 W solar panels charging simultaneously. As the icing on the cake, Jackery offers its customers a 3-year warranty for every purchase of the Solar Saga 80 solar panel and an additional two-year warranty extension. This, by the way, comes automatically when purchased via the official website.

Jury-Statement:

"It is very ingenious how Jackery has developed this solar panel. Efficiency has been optimized by considering also the useful back part of the panel, which is now exploited to absorb extra solar energy by reflection. The panel is light to transport and easy to install; can be mounted in series to increase the capture capability, it seems very durable and well-built for outdoor activities use."

ISPO Award Jury

Advantage overview:

- Environmentally friendly
- IP68 waterproof and dustproof certified
- Transmission rate of 92%
- (3+2) years warranty

Product specifications:

Available via website
RRP: 249,00 €

→ jackery.com



The world's strongest flexible solar panel

With the Leaf Pro, the company Sunnybag brings an optimal solution for power generation in the wild: lightweight and flexible to use at a good price.



If you spend a lot of time out in nature, you will appreciate additional charging options for your smartphone or other power-consuming equipment, such as action cams. All the better if this is made possible by renewable energies. This was the approach taken by the Austrian company SUNNYBAG at the ISPO Awards, and its Leaf Pro solar panel solution was absolutely convincing.

The lightweight weighs in at just over 300 grams and can be climbed in a relaxed manner thanks to the included carabiners on a backpack. The solar panel is flexible based on 80 micro-solar-cells that form a robust and shatterproof solar cell matrix.

The Leaf Pro combines style, technology, and respect for nature in one. The highly efficient solar cells give the solar module a noble appearance and make the surface shimmer slightly bluish. The ETFE coated surface is water-, scratch- and impact resistant. The metal eyelets allow the panel to be attached to tents, caravans, or other flat surfaces in addition to (hiking/touring) backpacks. The Leaf Pro inspires people to use the renewable energy of the sun in their daily life. The solar cells are 100% certified and achieve an efficiency of 22.4%. A smartphone will be fully charged in 2–3 hours in direct sunlight due to the high efficiency of the micro-cell matrix. The built-in Power Indication Color measures the power and gives direct feedback to the user in order to optimize the angle to the sun.

Jury-Statement:

"With its robustness and its flexibility and compactness, the Leaf Pro is the right companion for people who do not want to do without a reliable power source on their excursions on land and on the water. Convincing minimal solution for outdoor adventurers who want to get their electricity from renewable sources."

ISPO Award Jury

Advantage overview:

- 8 Watts of power
- Power Indication Color
- Eco friendly
- Lightweight
- Water repellent
- Charging smartphone in < 3 hours

Product specifications:

Available: on the market
Price: 99,90 €

→ sunnybag.at

The Nominees

Sometimes it's just the little things that decide whether a product wins an ISPO Award or not. Therefore, we wanted to give applicants who successfully passed the screening (done as a quality check before the jury meeting) a place to present themselves.*

*The offer is optional, so only a small selection of nominees is shown.





An essential garment for touring the backcountry



The Odin BC Infinity Shell Jacket is a highly technical piece where each feature has been specifically designed for ski- and snowboard-touring, where lighter weight, durability and breathability are key.

Developed together with ski and outdoor professionals, this jacket is ideal for backcountry ski touring. Featuring responsible, professional grade LIFA INFINITY™ technology, it's fully waterproof and breathable while also being lightweight. A highly technical piece, each feature on the jacket has also been specifically designed for ski touring, where lighter weight, durability and breathability are key.

The Odin BC Infinity Shell Jacket is lightweight, protective, durable, and loaded with technical features, making it ideal for backcountry ski touring. Featuring responsible, professional grade LIFA INFINITY™ technology, the jacket is constructed with an innovative waterproof/breathable LIFA INFINITY™ membrane, achieved without the use of chemicals, and includes a minimum of 50% recycled content and a PFC-free durable water repellent (DWR) treatment. Meeting the extreme waterproofness and breathability of HELLY TECH® Professional construction, the Odin BC Infinity Shell Jacket delivers protection for deep powder days, while also being lighter in weight. Based on feedback from ski patrollers, the jacket's front zipper is also offset, making the collar more comfortable without compromising weatherproof protection, and the pockets are elevated for convenient storage of backcountry ski skins. Optimized for ski touring, the Odin BC Infinity Shell Jacket is also constructed with a specifically located zipper opening, enabling the wearer to access their beacon without having to open or take off their jacket.

Advantage overview:

- Responsible, professional grade LIFA INFINITY™ technology
- PFC-free durable water repellent (DWR) treatment
- Lightweight
- Elevated pockets for convenient storage of backcountry ski skins

Product specifications:

Extra: Recco reflectors for added safety; mechanical ventilation for added breathability; helmet, and backpack-compatible construction

Target group:

Performance & protection for backcountry professionals & enthusiasts

Price: 600,00 €

→ hellyhansen.com





Highly functional ski jacket with sustainable features

SUPERDRY
®
冒險魂

With the Ultra Snow Jacket, Superdry has created a ski and snowboard jacket that not only looks the part, but also combines technical performance with sustainability.

The Ultra Snow Jacket is Superdry's most sustainable technical snow jacket. The challenge for the product team was to incorporate as many sustainable solutions as possible without sacrificing performance.

The breathable and waterproof jacket is made largely from recycled fibers. Superdry uses chemically recycled polyester fabrics from We Are Spindye as the main material, lining and mesh. What makes Spindye special is primarily the dyeing process, in which the color is already introduced into the yarn during the spinning process, and not - as is usually the case - applied to the woven fabric. This spin-dyeing process is much more resource-saving, more efficient and also guarantees excellent color performance.

As insulation material, Superdry uses particularly resource-saving PrimaLoft® P.U.R.E.™ and recycled Thermoplume®. ThermoPlume consists of flakes that are blown into quilted chambers like down. They are similarly light and warm as down, yet not as sensitive to moisture and humidity. These high-performance insulations have been ergonomically placed in the jacket in varying weights and layers to optimize thermal regulation.

The jacket also features ergonomically cut sleeves to reduce drag during movement, integrated Cohesive™ adjusters, a half-dropped hood, a self-sealing magnetic storm flap, and a Recco™ reflector.

Advantage overview:

- Combination of multiple more sustainable material alternatives
- Recycled
- Breathable
- Moisture management
- Waterproof & Windproof

Product specifications:

Colors: Black, Sulphur springs

Size: XS-XXL

Product launch AW 2022

→ superdry.com



Maximum durability, warmth and temperature regulation



With a focus on design creativity alongside premium materials and technologies, the Graphene Infinity 3-in-1 Jacket features a versatile construction, with a protective outer shell jacket and a lightweight inner insulator.

With LIFA INFINITY PRO™ Technology, the shell jacket is built with a fully waterproof and breathable LIFA INFINITY™ membrane and durable water-repellent performance, achieved without the use of chemicals. Using LIFA Technology, a proprietary Helly Hansen fiber that is lightweight and hydrophobic, the membrane is combined with 100% LIFA face fabric, creating a technology that delivers responsible and superior professional-grade performance. The technology also guarantees everlasting water-repellent protection that never needs to be reproofed with chemical treatment after use, ensuring durability and long-lasting performance. Adding to the jacket's durability, the inner insulator is constructed with a premium Graphene lining as well as a lightweight yet extremely resistant Pertex Diamond Fuse ripstop fabric. In addition to being durable, the Graphene lining helps to regulate skin temperature by sending heat from warmer parts of the body to colder areas. It's also odor-neutralizing and offers anti-static properties. Constructed with a hybrid of insulations, including Prima Loft Thermoplume Cross Core and Allied down insulation, the inner jacket also delivers optimal warmth while maintaining breathability and temperature regulation. Specifically designed as a layering piece, the insulator has been constructed with elastic cuffs and without a hood to reduce bulk. Additional features of the shell jacket include multiple pockets to maintain airflow and ventilation as well as a new hood construction for more comfort and less bulk and a Life Pocket+ with phone clip plus attached leash to prevent dropping or losing phones while out on the mountain.

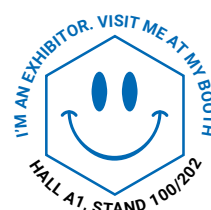
Advantage overview:

- Durable Pertex Diamond Fuse ripstop fabric
- PrimaLoft Thermoplume Cross Core and Allied® down insulation
- Responsible, Professional Grade LIFA INFINITY PRO™ Technology
- Premium Graphene lining

Product specifications:

Extra: Recco reflectors for added safety, Life Pocket+ and phone clip plus attached leash
Target group: A sleek, highly technical, high-performance jacket for skiers and city life
Price: 1.300,00 €

→ hellyhansen.com





A water bottle that breathes

bXhaled bXhaled is a unique water bottle with a patented lid locking solution that prevents bacteria growth, bad smell and lost lids.

Re-usable water bottles are great: They are a lot better for the environment than one use plastic bottles and can accompany you on the go – when exercising, exploring the great outdoors and of course at work. However, most users have experienced bad smelling water bottles after a while. Or, when storing bottle and lid unscrewed, have misplaced one of both.

A Swedish family business has decided to tackle this problem. bXhaled is a bottle with a patented solution that can be stored with the lid on, and still ventilate. No more trapped moisture, bad smell or lost lids.

The big idea of bXhaled is that you can now store the bottle with the lid “locked” into the bottleneck, the bottle can still ventilate and moisture will not be trapped on the inside of the bottle and create bad smell or bacteria growth. And since the bottle and lid can be stored together as a unit, there will be no more lost or mixed up lids and less space is taken up. The solution can be used in different types of bottles and materials. For now, the company has started with LDPE bottles made of soft plastic.

This solution will reduce the number of sports bottles being thrown in the garbage because of bad smell and/or bacteria growth. Because the bottle and lid can be stored locked together, there will be no more lost lids. This way, you can keep your drinking bottle for longer and don't need to buy a new one in regular intervals.

bXhaled also takes part in sustainability initiatives through partners that help manage their footprint. They have a collaboration with www.plasticbank.com, and donate 0,50 USD per sold bXhaled bottle, for example. This partnership with plasticbank prevents 50 plastic bottles from entering our oceans with each sold bXhaled bottle while also fighting poverty.

Advantage overview:

- Saves space when storing bottles
- Keeps matching lids and bottles locked together while the bottle can still dry out from the inside
- Bottles can be used for longer
- Less bottles have to be thrown out

Product specifications:

Patented solution
RRP: approx. 10,00 €

→ bxhaled.com





Feather-light down jacket for urban leisure



This RSD-certified urban down jacket is much more than just a slick looking garment.

Chinese down jacket manufacturer Tanboer has 23 years of experience producing high-quality down jackets. Dedicated to true craftsmanship spirit and a responsible production the brand dares to dream and practice its values ethically. Tanboer is dedicated to maintain the original warmth of down, the flawless details of the finished product, and the highest quality at an affordable price.

The awarded Superlight Down Jacket weighs only 187 grams (52 g down weight) and comes with a number of functional features. The waterproof outer shell is made from Toray gram art 7D light-weight fabric (21 g/m²). A light-weight YKK taped zipper closes the jacket with ease. For insulation the product designers from Tanboer picked RSD certificated, recycled Hortobagyi white goose down with a 900+ filling power.

In addition to the very low weight, the environmentally friendly jacket comes with various other functional features such as a solid abrasion resistance, good breathability and moisture management, chlorine and salt water resistance and reflective details.

All these components make the Superlight Down Jacket a very comfortable companion for the urban lifestyle use. At 160 Euros, this high quality jacket is in the lower price segment of down jackets. The price-performance ratio is hard to beat.

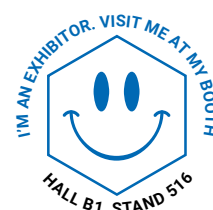
Advantage overview:

- Light-weight
- Outstanding price-performance ratio
- Eco friendly materials

Product specifications:

Weight: 187 g
Features: waterproof
Toray Gram Art 7D light-weight fabric,
light-weight YKK taped zipper
Color: Dark Green
Price: 157,00 €

→ tanboergroup.com





A belt for all cases

A multifunctional belt with countless applications: The Thinkbelt is the Swiss Army knife among belts so to speak.

most functional belt
THINKBELT

There's the belt lying in front of us at the jury meeting. A look around, question marks. Then the first jurors start to deal with the belt. Clipping open the buckle, toying with the belt, attaching things, hanging skis on it and the idea grows in our heads. Little by little, the awesomeness behind the simple, really cool idea dawns on us. You have to come up with it first, that becomes clear to us during testing. There are many more used cases such as a belt seat, cord tripod, climbing aid, tension belt, yoga belt or a carrying strap. With and on this belt so much can be attached and carried around as a handle that it becomes simply uncountable, for what the belt can be used. This means that the Thinkbelt is in the middle of current topics: buying products that are as high quality and multifunctional as possible, a long life span. This is indeed sustainable. The brand also uses 100% recycled polyester from PET bottles, spin-dyed yarn and ecological packaging. Further, all producers, processors and suppliers are from Central Europe and for every belt or strap sold, 1 euro donation goes to a sustainable tree planting project.

The THINKBELT principle is based on a non-sewn, double layered webbing on the full length of the belt. The webbing is looped through a buckle that can be adjusted on both sides and is kept free of connection exclusively by this. The patent pending new belt principle enables countless applications, an interchangeable belt system and ensures a soft comfortable fit. The webbing comes with a new kind of belt end which makes it easy to handle. The "Most functional belt" as the brand itself describes its belt is an asset to any outdoor or travel trip. Rolled up, it does not need much space. A great solution for many small and bigger "problems".

Advantage overview:

- Multiple usability
- Interchangeable webbings
- Separately washable webbing
- Stable and long-lasting
- Sustainable product

Product specifications:

Webbing made of spun-dyed polyester yarn from 100 % recycled PET bottles
7 Colors in 7 Sizes (XS-3XL)
Market Launch Summer 2023
RRP: 49,95 € (belt),
24,95 € (interchangeable belt)

→ thinkbelt.de



Outlook

Stay innovative!

We are so stoked about all the innovations and can't wait to see your new ideas submitted for the next award rounds. We are always open to your suggestions. Please feel free to get in touch and share your feedback at ispo@mpm-ag.de.

Which trends, developments and innovations will shape our sport in the future? We stay curious and will find out more at the next OutDoor by ISPO 23.

The third issue of our Award Magazine will be published at 4th June 2023 and distributed to all visitors at OutDoor by ISPO 23.

Your ISPO Award Team

All timings at one glance

	Q1/23	Q2/23	Q3/23	Q4/23
Application deadline	11.01.2023	14.04.2023	08.09.2023	20.10.2023
First judging	13.01.2023	17.04.2023	11.09.2023	23.10.2023
Jury meeting	27.01.2023	05.05.2023	22.09.2023	03.11.2023
ISPO Award	OutDoor by ISPO / ISPO Munich 2023	OutDoor by ISPO / ISPO Munich 2023	OutDoor by ISPO / ISPO Munich 2023	OutDoor by ISPO / ISPO Munich 2023

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MERRELL



Hall A3
324



MTL Thermo Rogue 4

Hike to Discover



Be Who You Are

NEW HORIZONS IN SIGHT

Introducing MOD7



Hall B3 Stand 402