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List of new products at ispo winter 08

- All information is based on the manufacturers data - extract

More new products are published on www.ispo.com / press / new products

Alpina, d.d. (B3.515)

The female's foot was kept in mind throughout the entire production process of the Alpina's Eve range. It brings together a charming mixture of style, technology, and design. The ultimate model of the Eve range is Eve 10. Its cuff is lower and wider because of the anatomy of women's feet. A special plastic component at the rear part of the boot enables volume adjustment of the cuff and optimises calf fit. The shape of the shell is engineered on the basis of scientific research of women's feet, which are narrower, while the instep is higher. The Eve models can be fitted with the heating system quickly and easily.

The multifunctional Be3 ski boot from Alpina excels the innovative Flexxi construction which enables simulation of natural motion of the foot, improving control over both movement and balance. Learning how to ski is thus faster and safer. Featuring the Flexxi construction boots are perfect for palying in the snow, skiing and walking. By alternating the specially designed plastic Volume control plate between the left and the right boots, we can adjust the size of the boot. This allows youns skiers to use the same boot for a longer period of time.

www.alpina.si

Arc'teryx (A5.410)

The flagship of the Arc'teryx Winter 08 Ascent line is the new Fission SL Jacket. Weighing only 614 grams, this jacket is made of the most innovative materials available, offering an exceptional warmth-to-weight ratio. It is a first that non-quilted ThermaTek™ insulation ist combined with the best shell material: GORE-TEX® Pro Shell. ThermaTek™ is a DWR saturated, hollow-core, continuous filament fibre insulation bonded to a DWR treated 30d high tenacity face fabric. Hence ThermaTek™ is highly hydrophobic, exceptionally warm and compressible without losing its loft. The 2-layer GORE-TEX® Pro Shell material offers great wicking capacities and pit zips add extra ventilation.

With the Fury and Firebee Jackets and Pants, Arc'teryx adds more breathability and mobility to the wind equation: constructed with three new breathable WINDSTOPPER® Softshell textiles and the Arc'teryx® Finishing Tape, these warm pieces are soft and comfy. The narrow tape improves the wearability: Seams are flatter, hence no water can enter through them. Arc'teryx introduces five new models (three jackets and two pants) made of differently warm WINDSTOPPER® Softshell fabrics. The Fury and the Firebee Jackets and Pants offer all you need in the snow!

www.arcteryx.com

Black Diamond Equipment AG

(A5.310)

Magic Lightcraft

Black Diamond has been at it for years now, making and developing top-end headlamps for every condition imaginable. We've put forth all of our knowledge, in LEDs, electronics, and reflectors in order to create our first lantern, the Apollo. The Apollo utilizes LED innovation to bring forth superior electronic illumination. The Apollo burns bright via the 3-watt LED cased in a transparent, scratch-free telescoping globe. It's compatible with the NRG battery system, and it's the first rechargeable lantern to hit the market. Finally an environmentally friendly lamp for every night spent under a wide open sky, be it the camping table, tent or basecamp.

Power For Powder

The newest flagship of the successful Freeride Ski Line is the Megawatt, the ultimate powder ski for real powder junkies looking for untracked snow out-of-bounds.

Equipped with a long rockered tip, 125 mm under foot and no camber; The Megawatt offers freeride enthusiasts top performance and maximum floatation for endless powder enjoyment. In spite of the enormous dimensions (153-125-130 mm), the Megawatt is actually easy to ski. It is available in one optimal length of 188 cm, and boasts a 42-meter turning radius.

Columbia Sportswear International Sàrl

(A5.210 A6.502)

Caddy Shack™ Shell SM2264

Columbia is adding a completely new look to the traditional outerwear shells: a Caddy Shack™ Shell. Made from top quality Omni-Tech™ Yarn Dyed stretch fabrics— waterproof, breathable (10.000mm/10.000g/m2/24h) and fully seamsealed due to Columbia Sportswear's own Omni-Tech™ technology.

The stretch fabric is engineered to stretch four directions for ease of movement.

The Caddy Shack™ Shell features removable and fully adjustable storm hood, underarm venting system, snowskirt, multifunctional pocket with cable run for e.g. electronic equipment like i-pods - and Columbia Interchange System® that adapts to all weather conditions and activity levels. The shell can be combined with different liners.

PAGORA™ MID OMNI-TECH™

Mid cut trail shoe with Omni-Tech™ waterproof and breathable technology is perfect for moving fast on the trail.

Upper: Synthetic nubuck with mesh, gusseted tongue, internal support eyestay and scratch rubber toe for abrasion resistance. The nylon shank provides rigidity and support.

Footbed: Contour Comfort™ 1D with AgION® anti-odor treatment.

Midsole: Techlite™ molded material for lightweight cushioning and comfort.

With Pagora™ shoes, you can enjoy cities or ski resorts, wet or dry, on the trail or on snow.

www.columbia.com

Everest Textile Co., Ltd.**(B6.224)****Ever 2.5 Layer coating - The most inventive fabric for active wears**

Highly waterproof, and breathable active wear usually use 2-layer coated fabric with lining combination or 3-layer laminated material. Inventively, Everest's 2.5-layer special coating adds printing on Inner micro-porous layer of fabric to save the conventional lining materials. It also has dry and comfortable touch to skin and lighter properties.

Ever Air Pass - Insulating and air permeability for comfort

Different from normal micro-porous membrane which has the shortcoming of only moisture permeability without air permeability, Ever Air Pass's most obvious characteristic is the continuous micro-porous, possessing the best breathability (around 50l/μ and above). It brings coolness and comfort to wear. Ever Air Pass is windproof, moisture permeable and insulating, good for low altitude hiking and outdoor sports. Additionally, it has two-way/four way stretch, stain resistance, and UV-proof, water and oil repellent functions. The inner fabric can be adjusted into various designs. It can be used for casual wearing or other uses.

www.everest.com.tw

HOLMENKOL Sport-Technologies GmbH & Co. KG**(B4.519)****Back to the roots - Jump Wax: special wax in HOLMENKOL's original domain**

For the last 86 years, HOLMENKOL ski wax has been dominating the ski jumping range. Professional skiers from all nations place their trust in HOLMENKOL speed coatings. With a new range which has been optimized to match the particular conditions on a contemporary jump course, which is maintained at a low temperature using a cooling system, new world records are bound to be set.

"RubMix" rub wax as well as three types of "JumpCompetition" hot wax for various applications. JumpCeramicWax and JumpCeramic Emlusion were devised especially for summer ski jumping on ceramic strips. HOLMENKOL jump wax excels by enabling outstanding contact speed and high final speeds.

Concentrated hi-tech power against dirt, water, corrosion and wear

With just 3 products, HOLMENKOL has succeeded in creating a range which offers complete cycle care. The innovative manufacturer of sports coatings is setting new standards in innovation, profitability and performance. The use of nanotechnology and available hi-tech materials has now made it possible to create functional coatings for cycling sport which are unprecedented. "DirtProtector" creates a surface on the bike frame which emulates the self-cleaning surface of the lotus leaf. "LubeExtreme" is a nano gliding seal, which attracts significantly less dirt and therefore reduces wear on the chain, gear wheels, derailleurs, etc. to a minimum. "SportClean" removes stubborn dirt such as oil, grease and salt, even out of recesses.

www.holmenkol.de

Mammut Sports Group AG

(A5.400 A5.402)

Mammut Extreme Jannu Jacket: the Intelligent Hybrid

Mammut, the renowned Swiss alpine sportswear and equipment manufacturer, is expanding its premium mountainwear line, Mammut Extreme, by taking advantage of a new development in textile technology, called c_change™. This high-performance schoeller® membrane adapts flexibly to the water vapor given off by the skin, keeping the body pleasantly comfortable. It is the first membrane to open and close its pores according to the ambient temperature, rather like a pinecone reacting to the weather.

Nordic Body-Mapping: 3-Zone Toko Alpha Jackets

This, the third year that Toko presents its range of apparel, once again represents a quantum increase in product and athletic performance. The Alpha Vision Jacket for active cross-country skiers – together with its women's equivalent model, the Alpha Advanced – is based on the proven Anatomical Climate Concept, in which different materials are tailored to different parts of the body for perfect activity attunement. The concept as a whole offers wind protection, comfort through elasticity and vapor permeability. Toko divides its narrow-tailored track skiing jacket into three zones.

www.mammut.ch

Navispace AG - WEARABLE TECHNOLOGIES

(A6.118)

Thinsulate (TM) Insulation with Recycled Fibers

3M is launching a new insulation to global specifiers. —Thinsulate™ Insulation made with recycled fibers. 3M's newest insulation is a blend of staple fibers and unique microfibers that help keep you comfortably warm without the bulk of down. It contains 50% (± 3%) recycled polyester fibers from post-consumer waste, like soda and water bottles, giving new life to resources that might otherwise end up in a landfill.

The global launch of Thinsulate Insulation with recycled fibers supports 3M's commitment to

sustainable development through environmental protection, social responsibility and economic progress. The 3M Foundation has contributed millions of dollars to support environmental projects around the world to conserve lands and waters.

www.navispace.de, www.wearable-technologies.de

Primus

(A6.202)

Prime Ecobalance: PRIMUS & BaumInvest

In 2007 the Swedish stove specialist PRIMUS introduced the highly fuel-efficient EtaPower™ stoves that reach an efficiency rate of 80%! However, Primus does not stop here: with the help of BaumInvest the Swedish company faces its responsibility to the environment and fully compensates nature for the CO₂-emissions released by the EtaPower™ stoves. BaumInvest is a reforestation project operating in Costa Rica and committed to combining necessary ecological requirements with entrepreneurial action in a sustainable manner.

PRIMUS EtaPower™ MF

Most Outdoor stoves on the market have an efficiency rate around 40% to 50%. Thus as much as 60% of the generated energy cannot be deployed to heat the water – it escapes as lost heat. With the EtaPower™ concept, **PRIMUS pushes efficiency rates to unprecedented levels: 80%**. The results are lower fuel consumption and environmental impact, less weight to carry, lower fuel costs and less packing volume! The **EtaPower™ MF** is a multi-fuel stove for 2-3 persons with a 2.1 litre EtaPower Pot and frying pan (both featuring a very durable multilayer titanium non-stick surface), pot gripper, pump, 0.3 l fuel bottle and a cushioned stuff sack. www.primus.se and www.bauminvest.de.

Samsonite OutLab

(A3.100/300)

X+WINTER – BACKCOUNTRY PACK

Teaming up with Jeremy Jones, the legendary big mountain rider, for the development of this backpack, Samsonite OutLab presents the Backcountry Pack. Designed for the great adventurer, this pack will provide you with the latest in technical expertise for your outdoor trips.

Among its many practical features, you will find compression straps to hold a pair of skis in A-frame or a snowboard vertically. For added comfort and stability, there is a reinforced thermoformed padded back as well as a large waist belt with a sternum strap. Storage for shovel and probes, hydration compatible system, lined goggle pocket, and plenty of organization space are more features that make this backpack the perfect companion for your winter excursions.

X+WINTER – DUFFLE BACKPACK

This is not your ordinary duffle bag. With its hidden thermoformed shoulder straps, it also easily converts into a backpack, providing greater support even while carrying a heavy load. Designed to accompany you on longer distances, there is plenty of storage space for all your gear including one large main compartment, two extra zippered top pockets accessible from

the outside and inside and a zippered bottom pocket accessible from the inside. Internal compression straps keep your things organised. This bag will make travelling easier, combining style and practicality in one.

Schoeller Textil AG

(B6.318)

c_change from Schoeller delights professional circles with an even higher level of breathability

The further optimised intelligent material properties of the bionic c_change membrane technology from Schoeller are delighting not only expert jurors but also customers. With even better breathability thanks to an extraordinarily hydrophilic bonding technology, the water-proof and windproof climate membranes make a convincing impact on such companies as Mammut, Zimtstern or BMW Motorcycle. Furthermore, Schoeller is now providing two-layer and three-layer seam tape to match different fabric developments with c_change. These are available in both elastic and non-elastic versions and ensure all-round reliable waterproofing. What makes c_change so unique and distinguishes it from conventional membranes is the dynamic function of the system. **fabrics with 100 % recycled fibres from Schoeller**

A large proportion of the collection is made of sustainably-produced textiles which conform to the strict bluesign® standard offering long service life and environmentally relevant properties such as textiles made of 100% recycled fibres. These bi-elastic recyclable fabrics are woven from the best and cleanest «Eco Circle» polyester and by no means inferior to conventional fabrics in terms of quality, performance or look. The range includes schoeller®-dynamic twills with micro-coating for good wind repellence to schoeller®-WB-400 feelgood grades in understated looks, and the highly-functional three-layer schoeller®-WB-formula with c_change membrane, also available with 3XDRY®.

www.schoeller-textiles.com

Schöffel Sportbekleidung GmbH

(B6.302)

Schöffel presents its high-performance outdoor jacket - Cross

The Cross style combines top performance with comfortable detailing. From the outside, the jacket gives a clean, technical high-end impression. The robust 3-layer Venturi® Stretch material produces a high quality garment, and the Cross offers numerous technical details: lasered pocket edges, an applied rain shield on the hood, reinforced edges, for example along the zip and the hem and top edges, and reinforced eyelets. A double storm flap with two-way zip ensures increased freedom of movement. The zips of the pockets and ventilation slits are water-repellent.

Both the outer and inner layers of the jacket are designed for Winter wear and offer extensive technical advantages, together with comfort and convenience.

Schöffel: emphasising fashion and function - New model in the Outdoor Lifestyle Collection 2008

In the Active Trail Lifestyle range for Winter 2008 the focus is on fashion. The styles are not only practical, but also have numerous outstanding fashion features. The best examples are perhaps the distinctive “earthy” feel of the fabric and the seams, which are enhanced by the use of a thick quilting thread. Fashion and performance are not mutually exclusive at Schöffel – the attractive jackets have a waterproof Venturi liner. Fashionable elements such as ring press studs, adjustable waists with belts, practical two-way pockets on the outside, a hem pocket inside and fastening strips on the collar enhance the looks of the new styles.

www.schoeffel.com

Street Surfing LLC

(A3.326 A3.425)

The Ripple® - Surfing feeling also for kids

With the brand new product The Ripple® even kids can try out the new fun sport streetsurfing. The smaller and more flexible waveboards are specially designed and constructed for the needs and abilities of kids aged 6 to 10. Streetsurfing is easy to learn and promotes skills such as balance, kinetic abilities and dexterity. Streetsurfing combines surfing, snowboarding and skateboarding and thus makes it possible to surf the streets. Every 100th household in the USA already owns a waveboard! Now, the boards are making waves in Europe. Try The Wave® at the ispo (A3.326/425) or come have a look at our show-riders performing tricks and jumps (Sun+Mon, 3pm.).

The Wave® lets you surf the streets

Every 100th household in the USA already owns a waveboard! Now, the boards are making waves in Europe. The secret of the new fun sport is that streetsurfing combines surfing, snowboarding and skateboarding and thus makes it possible to surf the streets. Waveboards are inline action boards with two wheels that rotate 360 degrees, giving the rider the feeling and flexibility that is normally reserved for surfers and snowboarders. Learning to ride the boards does not require any prior skills. Whether small or big, young or old, it only takes about 15 minutes to “ride your first wave”. Try The Wave® at the ispo (A3.326/425) or come have a look at our show-riders performing tricks and jumps (Sun+Mon, 3pm.).

www.streetsurfing.com

Terra Nova Equipment

(A6.414C)

new high performance mountain gloves

Protection from the elements is being taken to another level by extremities® with its new high performance mountaineering gloves. Two new GORE-TEX® gloves are being launched at ISPO for winter 2008 / 09. The Mountain Glove is the flagship product for the new range, providing an extremely high specification, performance winter climbing glove. The three in

one glove boasts a full Pittards leather palm, Kevlar stitching and shock absorbing gel knuckle protection. The inner glove houses the GORE-TEX® insert and Primaloft® insulation resulting in the warmest extremities® glove ever.

The popular GORE-TEX® Ice Gauntlet, which has been the mainstay of the extremities climbing range for several seasons, has been re-engineered to give an unbeatable combination of durability, dexterity and low weight. The palm and fingers are overlaid with extremosuede, which has been tested to 40,000 abrasion cycles, making the new Ice Gauntlet a must have for all serious mountaineers.

www.terra-nova.co.uk

Textech Corporation

(C1.211-1)

Textech from Taiwan introduce clean laminate/coating

Recognizing the increase in demand for environmental friendly functional textiles, Textech Corporation from Taiwan is introducing clean laminate, which is a waterproof, breathable & water-based PU laminate/coating. Through water-based PU resin, the polyurethane molecules are dispersed in water. As the laminate/coating dries, water-not toxic solvents- evaporates into the air. Our water-based PU laminate/coating is environmentally safe with no hazardous toxic fumes, without sacrificing quality and durability of our functional textile.

Textech's functional textile helps customers meet requirements of aesthetic, performance, low impact and high durability, while adding value to final garments.

Textech's woven fabrics (laminates also) from Taiwan comply with Oeko-Tex 100 standard. To avoid toxic Teflon, Textech Corporation is introducing a W/R or DWR finishing (w/o PFOA & PFOS). The primary compound has a shorter carbon chain that makes it much less accumulative. And it persist in the human body for only a few weeks compared to 8 years for PFOS. winson@textech.com.tw

VAUDE Sport GmbH & Co. KG

(A4.316 B6.214)

Argon Hybrid Performance System

VAUDE is launching a Hybrid Performance System with its new Argon Line, the most performance enhancing clothing concept for alpinists: all layers are perfectly fine-tuned to each other to reach the highest level of breathability, comfort and efficiency possible.

VAUDE used a combination of hybrid solutions and innovative, unique details engineering to create this system approach. "The individual components are fully integrated with each other to create a complete system," explains Johan Raiha, Product Manager of the Argon Line.

The Energlo Jacket doesn't just reflect light; it actually provides active protection in the darkness, thanks to EnerGlo technology. A large fluorescent zone on the front and back of the jacket absorbs light from the sun or artificial lighting during the day, and shines in the dark for

up to 180 minutes. This fluorescence is created by minerals that are processed into the fabric so they aren't affected by washing. Additional reflective elements complement these zones, providing all-round safety and guaranteeing wearing fun.

www.vaude.com

Zai AG

(A4.132)

zai: well on course

The first limited collection of zai spada – the ski with a heart of stone – was soon sold out. So next winter there will be two new ones: the zai spada cufla collection and the zai spada suffel collection, each restricted to 111 pairs only. Their surface finish differs, but both models have a stone core of green Rofna-Porphyr gneiss from Andeer in the Grisons.

Another innovation are the incredible zai tila and zai laisa collections of piste and all-mountain skis respectively. While structured differently, their common feature is a nutwood top layer that is more dirt-resistant. And underneath the scratchproof and UV-resistant foil, they reveal zai's unique carbon fiber application.

www.zai.ch

ZIPFLRACER - 2962 GmbH

(A2.129)

Zipflracer - the ultimate snow experience!

The Zipflracer is here – a new, racy sleigh for teenagers and adults. The Zipflracer can fly through snow, master moghills or just leisurely glides down your favourite run. Lightweight, nimble and sexy – with the Zipflracer even the shortest run seems like a record breaking thrill ride.

The Zipflracer is made out of durable, ultra-conductive polyethylene, ideal for all snow conditions. Produced using a unique blowmoulding process, it is available in the colors Burned Orange and Arctic Blue. The Zipflracer is 66 centimetres long, weighs 2,500 grams and can reach a maximum speed of at least 100 km/h.24/MK