

BOOTS

SEASON 19/20





BOOTS

TECH SPOTLIGHT



Boots Tech Spotlight | 90



INTERNAL ANKLE SUPPORT

An anatomically shaped molded plate distributes lace pressure over the instep/ankle area: More comfort and a better, more precise fit.



TLS 5 TWIN LACING SYSTEM

Nitro leading the pack with the TLS 5 lacing system: Easy lace engagement and release, combined with the low abrasion of our Dyneema® laces are the key factors of this highly reliable zonal lacing system. At the same time, the TLS 5 features compact size and low weight while maintaining the reliability proven by tens of thousands of days on the mountain. Even though rarely needed, servicing and replacement of all parts including the lace is easier than with any other system on the market. Even using a standard lace if you're in a pinch is an option only available on Nitro's TLS boots. Easy-entry handle storage pockets as well as our Bail Out system for an easier entry and exit round off the most developed dual lacing system on the market.



MOLDED TOE CAP

Precision-molded to fit our last perfectly, our molded toe cap provides more toe space and protection from toe straps worn over the tip.

BOOTS

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BOA®

NEW BOA® DUAL ZONE FIT SYSTEM

The dual top and bottom zonal Boa® Fit System offers zonal adjustments for the bottom section via the Boa® dial on the side of the boot, and the top section from the Boa® dial on the tongue of the boot. This zonal fit solution allows for a connected, fast, customized and durable fit, without sacrificing a tailored foothold. The system quickly loosens by pulling or tightens with pushing and turning the Boa® dials. Boa® is a registered trademark of Boa Technology Inc.

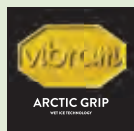




THERM-IC

THERM-IC® HEATED LINER

Say good-bye to cold feet! THERM-IC® is the premier brand for innovative heating solutions and selected Nitro liners are equipped with the THERM-IC® boot warming technology. Just add a genuine THERM-IC® powerpack (C-Pack, sold separately), plug in and enjoy warm feet all day long.



VIBRAM® OUTSOLE powered by Vibram® ARCTIC GRIP™ TECHNOLOGY

The Vibram® Arctic Grip™ technology compliments the outstanding performance of Vibram® Ictrek™ compound and extends it to wet ice surfaces. Vibram® Arctic Grip™ is made from a unique polymer blend, coupled with an advanced filler system and a new processing technique. The result is the most advanced cold weather gripping system ever created by Vibram.

BOOT TECH

SEASON 19/20

NITRO BOOTS TECH FEATURES

TLS 5 TWIN LACING SYSTEM



Nitro leading the pack with the TLS 5 lacing system: Easy lace engagement and release, combined with the low abrasion of our Dyneema® laces are the key factors of this highly reliable zonal lacing system. At the same time, the TLS 5 features compact size and low weight while maintaining the reliability proven by tens of thousands of days on the mountain. Even though rarely needed, servicing and replacement of all parts including the lace is easier than with any other system on the market. Even using a standard lace if you're in a pinch is an option only available on Nitro's TLS boots. Easy-entry handle storage pockets as well as our Bail Out system for an easier entry and exit round off the most developed dual lacing system on the market.

D3O® TECHNOLOGY



D3O® is a smart material that moves slowly and increases comfort when in a normal state, but when shock or impact is increased the materials lock together to absorb and disperse energy created upon impact, before instantly returning to its flexible state. What this means is that the material increases overall comfort of the liner by absorbing impact from deep landings or choppy snow conditions – allowing you to go faster and deeper all day!

AIR DAMPENING



Our trusted AIR suspension technology is now featured on even more models. The best shock absorbing technology on the planet sucks up hard landings and keeps your heels from getting bruised. This noticeable difference in ride and comfort does not compromise response or control.

ARMORED SHELL



To give our Select and Select Clicker® boots more support and response, we have designed an internal molded shell. This anatomically shaped and 3D molded piece wraps around heel and the lateral /medial side of the foot which increases heel fit, shell stiffness and durability.

SHELL POWER STRAP



Crank down the top of your boot with this easy-to-use feature for more power distribution and response from the top down.

FLEX LINK DESIGN



A flexible panel at the ankle between the upper and lower shell ensures an even flexing, responsive boot without bulk.

VIBRAM® OUTSOLE MADE OF ICETREK™ VIBRAM® COMPOUND



Developed to provide improved grip on icy and snow surfaces, Ictrek™ Vibram® compound allows you to hike safely in cold climates. Ictrek™ Vibram® compound will not scratch or damage interior floors or absorb liquids or dirt, while offering grip and traction on icy surfaces. Usable in all seasons, it represents the best solution for every condition encountered from the Equator to the North Pole. The softness allows the compound to adhere to smooth surfaces and to support aggressive draws to improve traction on challenging terrain. In conjunction with sole design that's utilizing small pointed lugs and a large supporting surface, Vibram® soles realized in Ictrek™ Compound provide superior cold-weather performance.

VIBRAM® OUTSOLE POWERED BY VIBRAM® ARCTIC GRIP™ TECHNOLOGY



The Vibram® Arctic Grip™ technology compliments the outstanding performance of Vibram® Ictrek™ compound and extends it to wet ice surfaces. Vibram® Arctic Grip™ is made from a unique polymer blend, coupled with an advanced filler system and a new processing technique. The result is the most advanced cold weather gripping system ever created by Vibram.

THERMINATOR SHIELD



This thermal layer between sole and liner will reflect your body heat and keep your feet warm all day.

INTERNAL ANKLE SUPPORT



An anatomically shaped molded plate distributes lace pressure over the instep/ankle area: More comfort and a better, more precise fit.

RE/LACE LINER LOCKER



Another innovation from your friendly R&D department at Nitro: The RE/LACE Liner Locker provides easy adjustability of your inner boot lacing when your boot shell is already tightened (tied), by just pulling up on the lace handle. This allows you to (re) tighten your liner and foothold throughout the day (wherever you may find yourself on the mountain) without having to untie your boot.

DLS (DIRECT LACING SYSTEM)

Directly connected to the liner, the DLS also features Dyneema® loaded low-friction laces on selected models for ultimate fit and comfort.



ILS (INTERNAL LACING SYSTEM)

Our ILS system features a lacing harness firmly connected to the boot shell. This harness snugly wraps around the liner, securing it in the shell and providing precise lacing and fit. Our engineered ILS laces provide less friction and a Dyneema® core for added strength.



MOLDED TOE CAP

Precision-molded to fit our last perfectly, our molded toe cap provides more toe space and protection from toe straps worn over the tip.



BAIL OUT SYSTEM

Designed to make unlacing the TLS system even easier. This pull tab that is placed in the middle of the TLS lacing system on the outside of the boot allows for effortless unlacing and recording breaking speeds for taking your boots off.



ORTHOLITE FOOTBEDS

Together with OrthoLite®, the World's Leading Supplier of Open-Cell Foam Insole Technology, we have developed footbeds in dual and triple density versions for different levels of support and comfort: OrthoLite® compresses less than 5% with excellent levels of shock absorption and energy return. Fit and comfort inside the boot will remain consistent for the life of the OrthoLite® product. The unique open cell structure of OrthoLite® also creates a moisture management system inside the boot by moving moisture away from the foot leaving your feet drier. When the foot is removed from the shoe any remaining moisture dries very quickly due to the airflow allowed by the open cell network in the foam. OrthoLite® contains a patented anti-microbial formulation to fight fungus, bacteria, and odor. The biocide is added during formulation so that it is linked to the foam and will not wear off or lose effectiveness over time. The Aegis anti-microbial treatment is EPA and FDA approved. OrthoLite® is extremely lightweight providing optimum performance and without adding excess weight to the boot. OrthoLite® is completely washable and will not hydrolyze. Just throw them in your washing machine and they come out like new.



POWER TONGUE STIFFENER

For those looking for adjustable stiffness throughout the day or season, you can use our removable tongue stiffener to change between premium precision or more of a relaxed feel. From the steep and deep to the groomers you can customize your boot feel perfectly for your personal style.



EVA OUTSOLE

To reduce weight even more, we are using full EVA outsoles on selected models. While keeping weight low, the EVA also provides great impact absorption and thermal insulation.



EVA MIDSOLE

Used on all boots with rubber outsoles, the EVA midsole reduce the overall weight and provides cushioning and thermal insulation.



RUBBER IMPACT PANELS

Selected EVA outsoles are reinforced with strategically placed rubber reinforcements for added resistance, traction, and durability.



BOOT TECH

SEASON 19/20

RUBBER OUTSOLE

A highly effective traction pattern, combined with an abrasion resistant high-grip rubber compound provides additional sole durability and a perfect grip, no matter if you're hiking up the park or down the stairs to the bathroom...

ARMORED SPINE

We are using an anatomically shaped and 3D molded heel reinforcement to provide even boot flex and long-lasting heel fit.

MOLDED TLS LACE HANDLES

Our molded TLS lace handles provide better grip and comfort for more lacing power.

LAZY RECOVERY FOAM

OrthoLite® Lazy Recovery Foam conforms to the foot creating a comfortable, custom fit. When you remove your foot from the boot, the Lazy foam instantly rebounds to its original shape.

X-40 HIGH REBOUND

Pushing for a foam technology with higher rebound properties, OrthoLite® developed the X-40 High Rebound formulation. This first of its kind foam boosts the elasticity rating to over 40 percent and is ideal for footwear used in high impact sports.

.11 LOW DENSITY

Developed to provide a high performance, lightweight foam option, the OrthoLite® .11 density foam is ideal for footwear products that can benefit from a resilient, drier, and healthier liner.

INTERLOCK SYSTEM

Developed to help keep the liner heel in one place and eliminate any kind of heel slippage or lifting. This ladder unit helps connect the liner heel to the shell to help generated the world's best foothold. Say goodbye to heel slipping and hello to all day comfort and foothold.

NEW FEATURES

NEW BOA® FIT SYSTEM (DUAL ZONE)

The dual top and bottom zonal Boa® Fit System offers zonal adjustments for the bottom section via the Boa® dial on the side of the boot, and the top section from the Boa® dial on the tongue of the boot. This zonal fit solution allows for a connected, fast, customized and durable fit, without sacrificing a tailored foothold. The system quickly loosens by pulling or tightens with pushing and turning the Boa® dials. Boa® is a registered trademark of Boa Technology Inc.

BOA®

NEW BOA® FIT SYSTEM (HYBRID)

This hybrid solution offers a customizable quick and standard lace solution, from the standard laces going up the shell of the boot as usual, while the Boa® Fit System (located on the side of the boot) targets the ankle area to give an easily adjustable all-day heel hold and lasting support. Boa® is a registered trademark of Boa Technology Inc.

BOA®

NEW SPINE PROTECTION (BOA® MODELS)

A flexible molded spine made of a TPR compound that is softer to allow for an even pressured lace closure and fit, while providing a medium flex and durability to the shape and spine of the boot.

NEW AUTO-POWER STRAP

An adjustable power strap located on the top part of the boot shell, that can be easily adjusted, opened and closed through a simple belt ring design. If you want a more responsive fit from the top of your boot than you tighten it, if you want a looser fit or feel than you can loosen it or remove the power-strap.

EVA MIDSOLE WITH NEW CRAMPON PROTECTION

We have designed a mid-sole that has an extra protection layer in the sensitive zones of the EVA to protect it from the impact and friction created when wearing semi-rigid crampons.

NEW HIKE 'N' RIDE CONSTRUCTION

A new construction specifically made for making the transition and performance between hike and ride mode easier and more beneficial for the rider (together with the new forward lean adjustment and auto power strap). Hike mode offers a softer flex and ride mode is a more responsive and rigid flex.

NEW ADJUSTABLE FORWARD LEAN

The customizable strap/velcro design of the boot forward lean, allows you to adjust the angle, response, and flex of the boot to allow you to interchange between a comfortable hike flex to a more responsive ride flex easily. The Adjustable Forward Lean feature is very much connected to the Auto Power Strap allowing you to blend the two features together for a smooth fit.

