

# SCOTT CARBON TECHNOLOGY

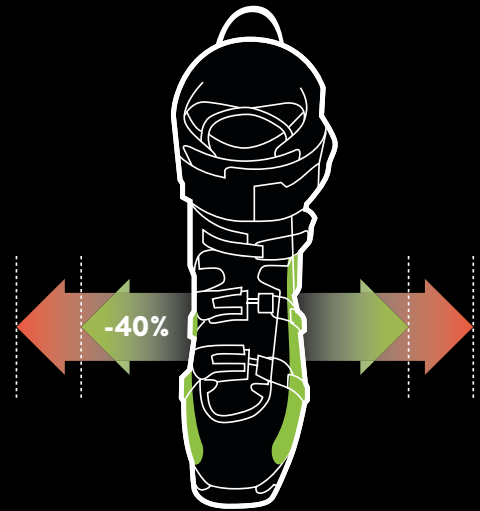


## CARBON FIBERS IN SCOTT WINTERSPORTS

SCOTT USES CARBON CONSTRUCTION AS IT'S A STRONG YET LIGHTWEIGHT MATERIAL THAT NEVER SACRIFICES PERFORMANCE. LIGHT, STIFF, WITH UNMATCHABLE PERFORMANCE, CARBON CONSTRUCTION IS USED IN SCOTT SKIS, POLES AND BOOTS BECAUSE THERE ARE NO SHORTCUTS TO BUILDING SUPERIOR PRODUCTS.

## POWERLITE CARBON

POWERLITE CARBON boots have special carbon inlays purposely shaped to increase support and decrease shell deformation and lateral flex. Adding carbon fiber to the Grilamid® shell increases the stiffness where you need it, while maintaining the boot's comfort and super -light weight. Using over-injection technology, the carbon fiber inlays maximize power transmission and decrease shell deformation to get the best out of your skiing performance.



**-40%**  
LATERAL  
DEFORMATION

**+15%**  
POWER  
TRANSMISSION



Superguide Carbon



Superguide Carbon GTX



Orbit II Carbon

# SKI BOOT FEATURES

## SHELL TECHNOLOGY



### POWERFIT

POWERFIT shells were developed around the foot for a custom-boot-fitter fit right out of the box. Their molds are shaped to provide more room for the first metatarsal, room for the “sixth toe”, room for the navicular bone, asymmetric malleoli that match the body’s natural asymmetry, and a deep, supportive heel cup with space for common heel spurs. Toe width and height have been increased for an even more comfortable fit.



### POWERLITE

POWERLITE boots are built from Grilamid® material, making them stiffer, lighter, and thinner than other lightweight shells. The POWERLITE Frame uses reinforcing ribs throughout the shell and cuff to give maximum rigidity while maintaining a lightweight.



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### POWERTOUR

Powertour boots are developed with an ample forefoot and secure heel. The multi-injected internal “pod” was developed with cutouts to give relief to the vulnerable areas on the skiers’ feet (the navicular bone, first, fifth and “sixth” metatarsals).



### FULL-LENGTH VIBRAM® BI-DENSITY RUBBER

Full-length Vibram® bi-density rubber over the instep area for maximum grip when scrambling over any terrain that isn’t snow. Bi-density composition with firmer black rubber around the sole’s perimeter provides durability and superior edging power in step-in bindings. Softer red rubber in the sole’s midsection gives a maximum grip for scrambling.



### SHOCK DAMPER INSERTS

Shock Damper Inserts are expanded PU foam inserts in the shell’s inner sole that act as a shock absorber when skiing as well as adding insulation, comfort, and increased ski feel.



### POWERLITE TONGUE

The POWERLITE tongues use two-material-injection to keep snow and water out and offer a better flex in ski and walk mode.



### WTR OUTSOLE

The interchangeable WTR Outsole Pads are designed for maximum grip and easy walking. The WTR Outsole is compatible with Guardian, Warden and Touring bindings.



### REPLACEABLE SOLES

For versatility, POWERFIT boots have easy-to-change sole sets that are compatible with ISO and WTR boot norms.

- The Alpine Sole Set is compatible with the ISO 5355 Alpine Norm.
- The optional WTR Sole Set is compatible with the ISO 13992 Touring Norm and the ISO 9462 WTR norm.
- These soles can be changed in a flash, snapping securely into place, and fixed with hex bolts.

## BOOT MECHANISMS



### TWINONE® X-CLOSURE

SCOTT’s unique TWINONE® X-closure buckle system optimizes the forefoot closure with a simple, effective solution. This system is lightweight and super-easy to use.



### SKI/WALK MECHANISM

The Ski/Walk Mechanism is designed to walk and ski without compromise. The lever’s asymmetric design makes it easy to open and close with gloves.



### ERGAL MICRO-ADJUSTABLE BUCKLES

Light and easy to operate with gloves— their asymmetric design keeps a low profile without sacrificing ease of use. Buckles are field-replaceable.



### DYNAFIT® CERTIFIED INSERTS

SCOTT ski boots use certified Dynafit® inserts; the most dependable inserts for use with all TECH bindings.



### ADJUSTABLE SPOILER

An Asymmetric Spoiler on men’s models provides medial and rearward support.



### AERO MESH VELCRO® POWER STRAP

The Aero Mesh Velcro® Power Strap gives an easy, solid leg closure and distributes pressure.



### SCOTT BUCKLE STRAP SYSTEM

A unique combination buckle and Velcro strap on the Superguide Carbon, Orbit II Carbon & Orbit II Carbon simplify boot closure and managing the upper cuff during hiking and skiing.



### SCOTT DYNAMIC VELCRO

The Dynamic Velcro Strap improves the cuff’s fit around the leg and maintains a progressive skiing flex.



### WATERPROOF GASKET

The redesigned overlap gasket keeps out snow and water.



### LOCKING CATCHES

SCOTT’s Locking Buckle Catches on the cuff keep the buckles in place when hiking.