

# SCOTT SHELL TECHNOLOGIES



## POWERFIT

Our Powerfit shells feature a revolutionary plastic injection process exclusive to SCOTT. Unlike traditional processes that require two different materials to achieve different flex properties, our unique process allows us to create different densities with one material injection. SCOTT's Powerfit shells offer true comfort and precision never reached before in ski boot technology. The new unique overlap closely follows the anatomy of the foot and lower leg for unmatched downhill performance. Powerfit design allows more independent movement between the cuff and lower shell. That means better walking, climbing, and skiing with a progressive downhill flex.

- + Spreads contact evenly over the tibia
- + Progressive forward flex
- + Quickest, most responsive ski control
- + Evolved for maximum comfort
- + Including a roomier toe
- + Wider forefoot
- + Narrower heel.
- + Follows the contours of the foot and ankle closely

**BOOTS**  
**G2 130, G2 120**



## POWERLITE

POWERLITE technology is a ski mountaineer's dream. SCOTT's POWERLITE 4-buckle and 2-buckle ski mountaineering boots make no compromise in skiing performance when it comes to incredibly light weight and comfort features. With an ergonomic fit and ease of use, these boots don't just ski well for how light they are, they ski incredibly well, period

- + Precise, solid, secure skiing
- + Performance with their super-light, stiff, supportive Grilamid® shell
- + Instant comfort
- + Highly-refined,
- + Pre-punched shell
- + Huge range of motion for walking
- + Full-length rubber sole for rugged and varying terrain
- + Expanded PU inserts in the sole for insulation
- + Comfort, and increased ski feel.

**BOOTS**  
**COSMOS, COSMOS III, CELESTE, CELESTE III**







## 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.

- + Carbon inlays for: More support, less shell deformation, less lateral flex
- + Increased stiffness and light weight
- + Maximised power transmission

### BOOTS

**S1 CARBON PRO, S1 CARBON, S1 CARBON LONGFIBER, SUPERGUIDE CARBON GTX, SUPERGUIDE CARBON**

### INCREASED STIFFNESS AND LIGHT WEIGHT

### MAXIMISED POWER TRANSMISSION

### CARBON INLAYS

More support, less shell deformation, less lateral flex





# SCOTT LINER TECHNOLOGY

Fit, comfort, and skiing performance are all #1 priorities for SCOTT ski boots. Our ultimate goal is happy customers with happy feet. To accomplish this we continue to innovate our boot liners, improving materials and design for maximum comfort and skiing precision.

Thermo-Formable Technology has been improved to better shape the liner to a skier's foot. SCOTT uses GORE-TEX® to eliminate wet feet. The Ultralon® foams used remain a product known for stability. All of our liners are engineered and built with a unique factory thermo-forming process in Italy. Quality liners mean happy customers. At SCOTT that is priority number one.

## ULTRALON® FOAM

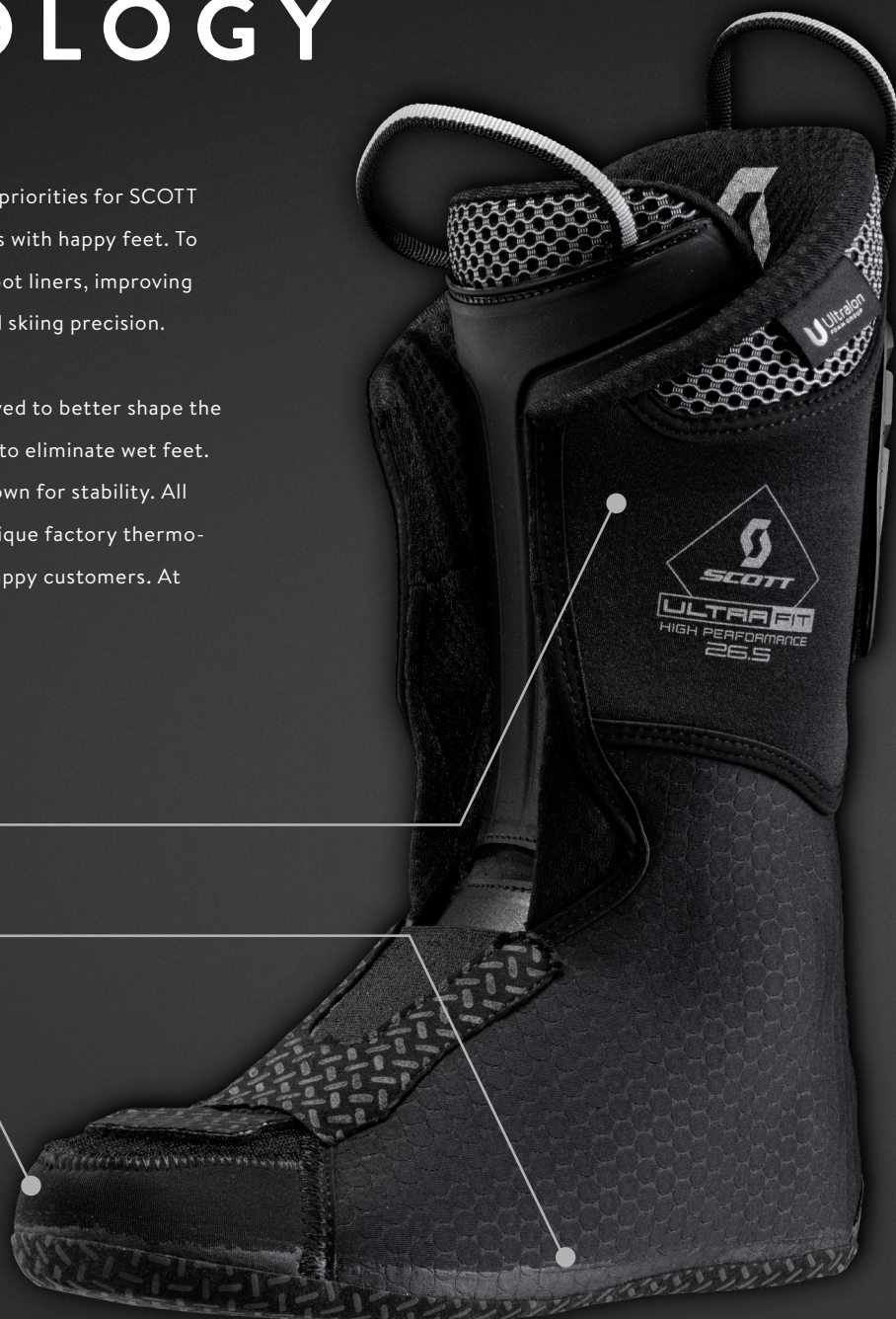
to offer the best thermoforming

## ANTI-SLIP OUTSOLE

for better grip and contact in the shell

## MOCCASIN TOE CONSTRUCTION

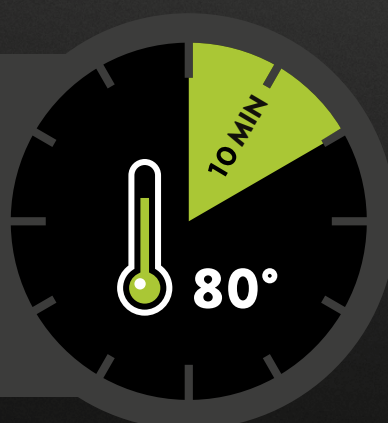
for optimal toe comfort



## THERMOFORMING PROCESS

SCOTT's liners are pre-thermoformed to the shape of specific SCOTT shells, yet can be heat-molded for total customization. Ten minutes at 80 degrees Celsius.

SCOTT engineers four unique groups of PWR Liners specifically designed for its intended performance category:





# SCOTT SHELL TECHNOLOGIES



## POWERFIT

Our Powerfit shells feature a revolutionary plastic injection process exclusive to SCOTT. Unlike traditional processes that require two different materials to achieve different flex properties, our unique process allows us to create different densities with one material injection. SCOTT's Powerfit shells offer true comfort and precision never reached before in ski boot technology. The new unique overlap closely follows the anatomy of the foot and lower leg for unmatched downhill performance. Powerfit design allows more independent movement between the cuff and lower shell. That means better walking, climbing, and skiing with a progressive downhill flex.

- + Spreads contact evenly over the tibia
- + Progressive forward flex
- + Quickest, most responsive ski control
- + Evolved for maximum comfort
- + Including a roomier toe
- + Wider forefoot
- + Narrower heel.
- + Follows the contours of the foot and ankle closely

**BOOTS**  
**G2 130, G2 120**



## POWERLITE

POWERLITE technology is a ski mountaineer's dream. SCOTT's POWERLITE 4-buckle and 2-buckle ski mountaineering boots make no compromise in skiing performance when it comes to incredibly light weight and comfort features. With an ergonomic fit and ease of use, these boots don't just ski well for how light they are, they ski incredibly well, period

- + Precise, solid, secure skiing
- + Performance with their super-light, stiff, supportive Grilamid® shell
- + Instant comfort
- + Highly-refined,
- + Pre-punched shell
- + Huge range of motion for walking
- + Full-length rubber sole for rugged and varying terrain
- + Expanded PU inserts in the sole for insulation
- + Comfort, and increased ski feel.

**BOOTS**  
**COSMOS, COSMOS III, CELESTE, CELESTE III**







## 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.

- + Carbon inlays for: More support, less shell deformation, less lateral flex
- + Increased stiffness and light weight
- + Maximised power transmission

### BOOTS

**S1 CARBON PRO, S1 CARBON, S1 CARBON LONGFIBER, SUPERGUIDE CARBON GTX, SUPERGUIDE CARBON**

### INCREASED STIFFNESS AND LIGHT WEIGHT

### MAXIMISED POWER TRANSMISSION

### CARBON INLAYS

More support, less shell deformation, less lateral flex





# SCOTT LINER TECHNOLOGY

Fit, comfort, and skiing performance are all #1 priorities for SCOTT ski boots. Our ultimate goal is happy customers with happy feet. To accomplish this we continue to innovate our boot liners, improving materials and design for maximum comfort and skiing precision.

Thermo-Formable Technology has been improved to better shape the liner to a skier's foot. SCOTT uses GORE-TEX® to eliminate wet feet. The Ultralon® foams used remain a product known for stability. All of our liners are engineered and built with a unique factory thermo-forming process in Italy. Quality liners mean happy customers. At SCOTT that is priority number one.

## ULTRALON® FOAM

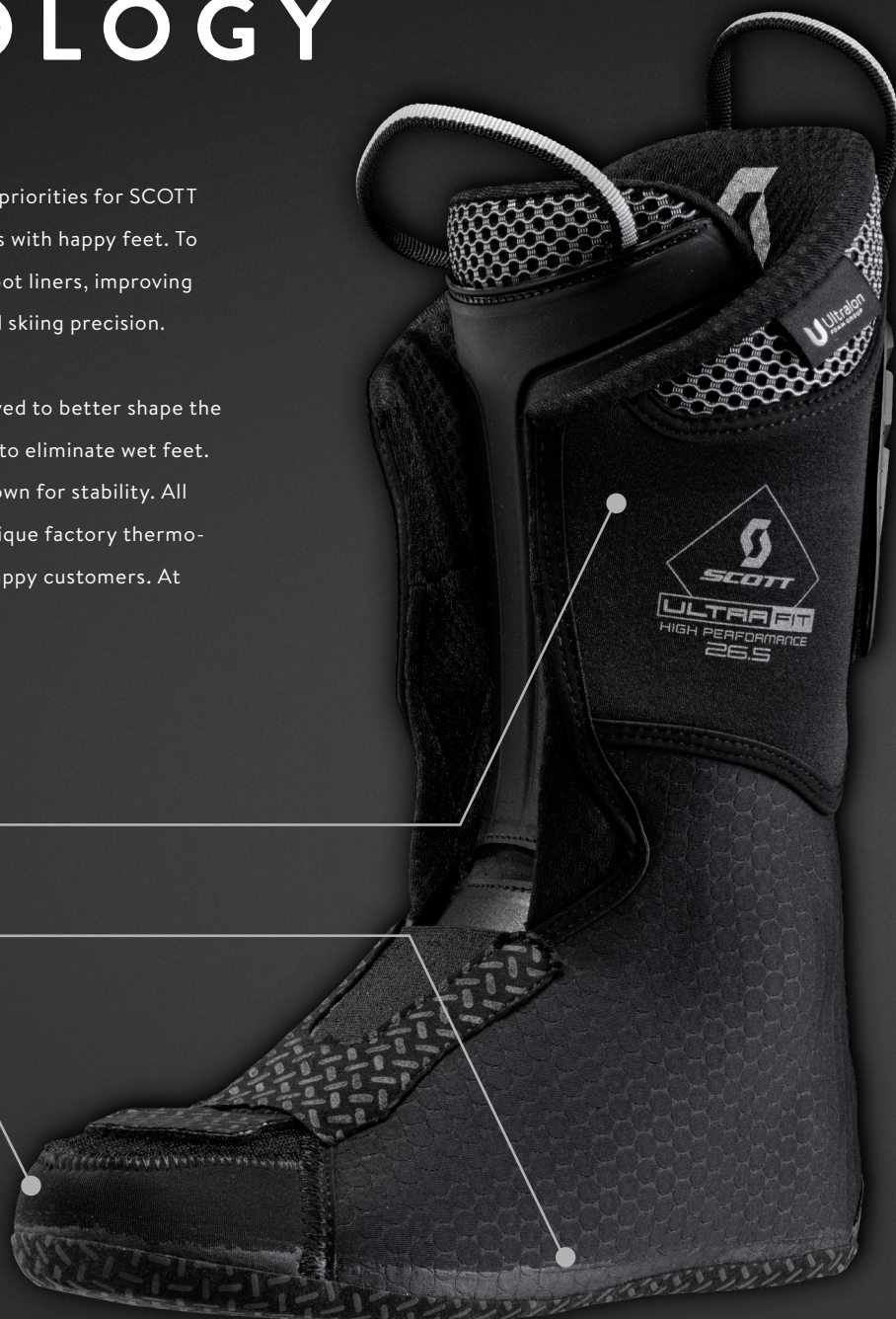
to offer the best thermoforming

## ANTI-SLIP OUTSOLE

for better grip and contact in the shell

## MOCCASIN TOE CONSTRUCTION

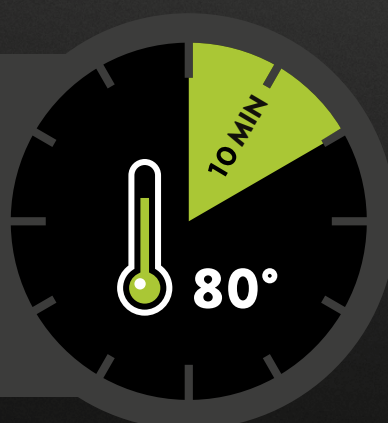
for optimal toe comfort



## THERMOFORMING PROCESS

SCOTT's liners are pre-thermoformed to the shape of specific SCOTT shells, yet can be heat-molded for total customization. Ten minutes at 80 degrees Celsius.

SCOTT engineers four unique groups of PWR Liners specifically designed for its intended performance category:





# SCOTT 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®, 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 their light weight. The new Powerlite shells of the S1 boots have the optimal synergy of superior performance and very light weight. An evolution of the POWERLITE COSMOS and SUPERGUIDE, the S1 brings the combination of lightweight, stability, and performance to the next level.



**POWERLITE CARBON** – POWERLITE CARBON boots have special carbon inlays shaped specifically to increase support and stability. By combining the carbon fiber inlays with Grilamid®, we can program the stiffness where it’s needed while maintaining comfort and reducing weight. With this technology, the power transmission is increased for your best skiing performance.

S1 Shells are the next level of POWERLITE’s combination of Carbon inlays and Grilamid® injection. This construction results in minimum deformation, with the lightest weight possible.



**FULL-LENGTH VIBRAM® BI-DENSITY RUBBER** – Full-length Vibram® bi-density rubber under the instep area provides maximum grip when scrambling over any terrain that isn’t snow. The Bi-density composition has firmer black rubber around the sole’s perimeter to provide durability and superior edging power in step-in bindings. Softer red rubber in the sole’s midsection gives 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, add insulation, comfort, and increased ski feel.



**POWERLITE TONGUE** – POWERLITE tongues are dual-injected in different densities of material so that they seal against the shell 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 are slightly rockered for easier walking capabilities. The WTR Outsole is compatible with Guardian, Warden and frame touring bindings.



**INTERCHANGEABLE OUTSOLE SYSTEM** – A fully integrated chassis is co-injected with a rubber ultragrip outsole. This is the best solution for easy walking and solid skiing performance. There is no glue!!—the chassis is mounted securely with screws in the shell. These outsoles can be changed in 10 minutes, at home.



**QUICK-CHANGE SOLE SETS** – For versatility, our POWERFIT boots have two Quick-Change sole sets that are compatible with all three binding 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, nesting securely into place, and fixed with hex bolts.

## BOOT MECHANISMS



**TWITONE® X-CLOSURE** – SCOTT’s unique TWINONE® X-closure buckle system optimizes the forefront foot closure with a simple, lightweight solution.



**REAR HOOK SKI/WALK MECHANISM - ACTION TO FREEDOM** – Easy to operate, the new POWERLITE rear hook mechanism combines strength and stability in ski mode with total freedom when skinning or walking. This next generation hook mechanism locks automatically when downhill skiing.



**FRONT HOOK SKI/WALK MECHANISM - ACTION TO FREEDOM** – The on / off walk / ski lever is in front where it is easy to reach, simplifying its operation. Its design guarantees optimal skiing performance with ultra-high mobility when walking.



**CARBON/GRILAMID® ENERGIZED TONGUE** – The Power Tongue System is the engine that drives the SCOTT S1 boot. Its combination of superior materials and unique attachment to the shell optimizes the response and leverage of the shell:

- + More performance
- + More precision
- + Better control



**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** – SSCOTT ski touring boots use certified Dynafit® tech inserts for consistent quality, security, and compatibility with tech bindings.



**ADJUSTABLE SPOILER** – An Asymmetric Spoiler on men’s models provides medial and rearward support.



**SCOTT BUCKLE STRAP SYSTEM** – A unique combination buckle/ Velcro strap on the new S1 Carbon, the Superguide, and Orbit simplifies the closure and operation of the upper cuff closure for hiking mobility or skiing security.



**SCOTT BUCKLE CABLE SYSTEM** – The most secure way to close the shell, this combination of stainless steel cables co-injected with Grilamid® conforms to the shell’s shape and evenly-distributes pressure.



**SCOTT DYNAMIC VELCRO** – The new Dynamic Velcro strap conforms to the leg and flexes comfortably when skiing or walking.



**WATERPROOF GASKET** – The redesigned gasket prevents snow and water entry. The waterproof gasket in the S1 Models is designed specifically for its unique shell to prevent snow and water entry.



**LOCK CATCHES** – SCOTT’s Locking Buckle Catches keep the buckle bails in place when the buckles are opened for hiking.



# SCOTT CARBON TECHNOLOGY



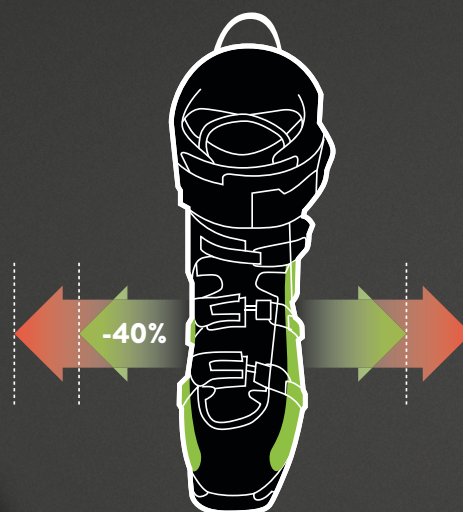
## CARBON FIBERS IN SCOTT WINTERSPORTS

SCOTT uses Carbon Construction, as it's a strong yet lightweight material that never sacrifices performance. Light, stiff, with unmatched performance, Carbon Construction is used in SCOTT skis, poles and boots because there are no shortcuts when it comes to building better 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 GTX Carbon



S1 Carbon Pro



S1 Carbon



# SCOTT 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®, 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 their light weight. The new Powerlite shells of the S1 boots have the optimal synergy of superior performance and very light weight. An evolution of the POWERLITE COSMOS and SUPERGUIDE, the S1 brings the combination of lightweight, stability, and performance to the next level.



**POWERLITE CARBON** – POWERLITE CARBON boots have special carbon inlays shaped specifically to increase support and stability. By combining the carbon fiber inlays with Grilamid®, we can program the stiffness where it’s needed while maintaining comfort and reducing weight. With this technology, the power transmission is increased for your best skiing performance.

S1 Shells are the next level of POWERLITE’s combination of Carbon inlays and Grilamid® injection. This construction results in minimum deformation, with the lightest weight possible.



**FULL-LENGTH VIBRAM® BI-DENSITY RUBBER** – Full-length Vibram® bi-density rubber under the instep area provides maximum grip when scrambling over any terrain that isn’t snow. The Bi-density composition has firmer black rubber around the sole’s perimeter to provide durability and superior edging power in step-in bindings. Softer red rubber in the sole’s midsection gives 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, add insulation, comfort, and increased ski feel.



**POWERLITE TONGUE** – POWERLITE tongues are dual-injected in different densities of material so that they seal against the shell 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 are slightly rockered for easier walking capabilities. The WTR Outsole is compatible with Guardian, Warden and frame touring bindings.



**INTERCHANGEABLE OUTSOLE SYSTEM** – A fully integrated chassis is co-injected with a rubber ultragrip outsole. This is the best solution for easy walking and solid skiing performance. There is no glue!!—the chassis is mounted securely with screws in the shell. These outsoles can be changed in 10 minutes, at home.



**QUICK-CHANGE SOLE SETS** – For versatility, our POWERFIT boots have two Quick-Change sole sets that are compatible with all three binding 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, nesting securely into place, and fixed with hex bolts.

## BOOT MECHANISMS



**TWITONE® X-CLOSURE** – SCOTT’s unique TWINONE® X-closure buckle system optimizes the forefront foot closure with a simple, lightweight solution.



**REAR HOOK SKI/WALK MECHANISM - ACTION TO FREEDOM** – Easy to operate, the new POWERLITE rear hook mechanism combines strength and stability in ski mode with total freedom when skinning or walking. This next generation hook mechanism locks automatically when downhill skiing.



**FRONT HOOK SKI/WALK MECHANISM - ACTION TO FREEDOM** – The on / off walk / ski lever is in front where it is easy to reach, simplifying its operation. Its design guarantees optimal skiing performance with ultra-high mobility when walking.



**CARBON/GRILAMID® ENERGIZED TONGUE** – The Power Tongue System is the engine that drives the SCOTT S1 boot. Its combination of superior materials and unique attachment to the shell optimizes the response and leverage of the shell:

- + More performance
- + More precision
- + Better control



**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** – SSCOTT ski touring boots use certified Dynafit® tech inserts for consistent quality, security, and compatibility with tech bindings.



**ADJUSTABLE SPOILER** – An Asymmetric Spoiler on men’s models provides medial and rearward support.



**SCOTT BUCKLE STRAP SYSTEM** – A unique combination buckle/ Velcro strap on the new S1 Carbon, the Superguide, and Orbit simplifies the closure and operation of the upper cuff closure for hiking mobility or skiing security.



**SCOTT BUCKLE CABLE SYSTEM** – The most secure way to close the shell, this combination of stainless steel cables co-injected with Grilamid® conforms to the shell’s shape and evenly-distributes pressure.



**SCOTT DYNAMIC VELCRO** – The new Dynamic Velcro strap conforms to the leg and flexes comfortably when skiing or walking.




















**WATERPROOF GASKET** – The redesigned gasket prevents snow and water entry. The waterproof gasket in the S1 Models is designed specifically for its unique shell to prevent snow and water entry.



**LOCK CATCHES** – SCOTT’s Locking Buckle Catches keep the buckle bails in place when the buckles are opened for hiking.



# BOOTS OVERVIEW

MEN							
262342 S1 CARBON PRO BOOT	254066 S1 CARBON SKI BOOT	254067 S1 CARBON LONGFIBER SKI BOOT	254069 SUPERGUIDE CARBON GTX SKI BOOT	254070 SUPERGUIDE CARBON SKI BOOT	254071 ORBIT SKI BOOT	254072 COSMOS III SKI BOOT	254073 COSMOS SKI BOOT
							
yellow/blue	white/green	white/red	white/maui blue	white/maui blue	white/white	white/black	white/majolica blue
244426 VOODOO SKI BOOT	244427 VOODOO NTN SKI BOOT	254079 SYNERGY SKI BOOT	244414 G2 130 POWERFIT SKI BOOT	244415 G2 120 POWERFIT SKI BOOT			
							
white/black	white/black	white/blue	black/green	black/white			
WOMEN							
254074 CELESTE III WOMEN'S SKI BOOT	254075 CELESTE WOMEN'S SKI BOOT	244429 MINERVA WOMEN'S SKI BOOT	244430 MINERVA NTN WOMEN'S SKI BOOT				
							
white/bermuda blue	white/orange	bermuda blue/white	bermuda blue/white				

# SKI BOOT SOLE LENGTH

USA	3	3.5	4	4.5	5	6	6.5	7	8	8.5	9	9.5	10	10.5	11	12	12.5	13	13.5	14
UK	2	2.5	3	3.5	4	5	5.5	6	7	7.5	8	8.5	9	9.5	10	11	11.5	12	12.5	13
EUROPE	33.5	34.5	35	36	36.5	37.5	38	39	40	41	42	42.5	43	43.5	44	45	45.5	46.5	47	48
MONDO	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27	27.5	28	28.5	29	29.5	30	30.5	31	31.5
G2 130 POWERFIT			277		287		297		307		317		327		337		347			
G2 120 POWERFIT			277		287		297		307		317		327		337		347			
S1 CARBON PRO			266		276		286		296		306		316		326		336		346	
S1 CARBON			266		276		286		296		306		316		326		336		346	
S1 CARBON LONGFIBER			266		276		286		296		306		316		326		336		346	
SUPERGUIDE CARBON GTX							286		296		306		316		326		336		346	
SUPERGUIDE CARBON							286		296		306		316		326		336		346	
ORBIT							286		296		306		316		326		336		346	
COSMOS III							286		296		306		316		326		336		346	
COSMOS							286		296		306		316		326		336		346	
CELESTE III			266		276		286		296		306									
CELESTE			266		276		286		296		306									
SYNERGY							308		318		328		338		348		358			
VOODOO							305		315		325		335		345		355			
VOODOO NTN							296		306		316		326		336		346			
MINERVA	275		285		295		305		315		325									
MINERVA NTN			276		286		296		306		316									