THE BENCHMARK EVOLUTION

VECTOR EVO

HEAD

VECTOR EVO

The new project represents the ultimate evolution of the high performance boots. In terms of comfort, lightness and performance on the snow a real step ahead and a feeling that will surprise the most demanding skiers...

The Vector quality... just evolved!

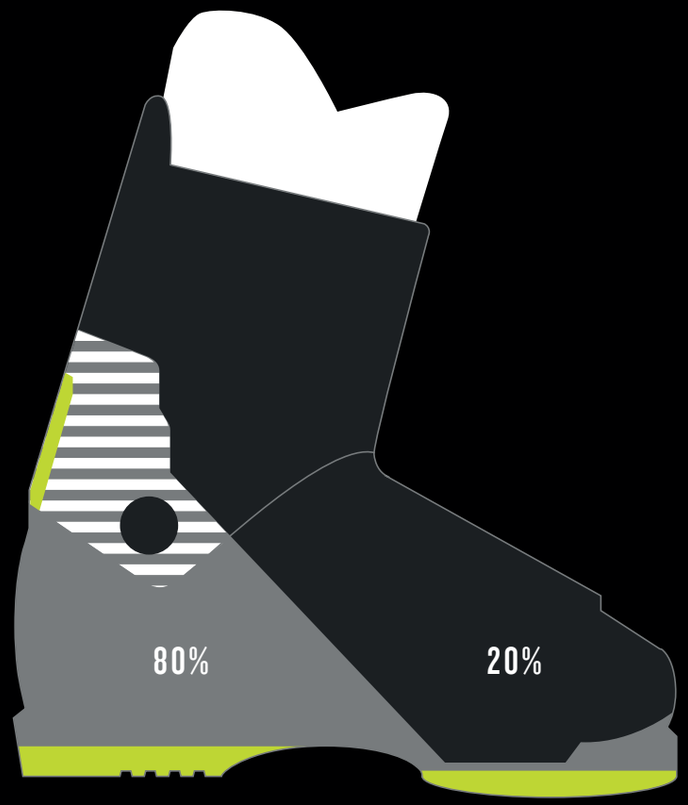
VECTOR EVO DESIGN

BOLD / UNIQUE / DISTINCTIVE CLEAN / ELEGANT / MODERN / PURE
HI TECH / HI VALUE / HI PERSONALITY

VECTOR EVO

POWER EFFICIENT DESIGN

SKIING IS BETTER WITH LESS EFFORT



DYNAMIC FRAME

The most efficient energy transmssion from the body to the ski and the sensitivity on snow

EVO STANCE2

Hinge position 18 mm
More progressive flex for smoother backward and gradual power transmission

FORWARD LEAN

- 2° (14°) more centered and comfortable stance for less effort and more

RAMP ANGLE

- 2° (4°) relaxing skiing

FORM FIT

PERFECT FIT

VECTOR EVO

POWER EFFICIENT DESIGN

SKIING IS BETTER WITH LESS EFFORT

DYNAMIC FRAME.

When skiing 80% of the energy is transmitted from the body to the ski in the rear part of the shell. The stiff material (red area) grants the most efficient transmission reinforcing the area where you have the highest stress and the energy is concentrated:

– Hinge area

– Flex adjustment area (cuff – shell connection)

– Rear support area

Forefoot area is less subjected to mechanical stresses but needs to provide the feeling on the snow. The 80-20 Dynamic Frame has bee designed to obtain the best sensitivity and the dynamic response of the boot sole when to ski is flexing

FORM FIT

PERFECT FIT

VECTOR EVO

LIGHTWEIGHT

– OPTIMIZED SHELL AND CUFF THICKNESS

– MORE COMPACT SHELL (4MM SHORTER)

– NEW PERFECT FIT INNERBOOT CONSTRUCTION

– NEW LOW PROFILE BUCKLES

FORM FIT

PERFECT FIT

VECTOR EVO

VECTOR EVO 130

499 C

VECTOR EVO 120

110 W – 399 C

VECTOR EVO 110

90W – 299 C

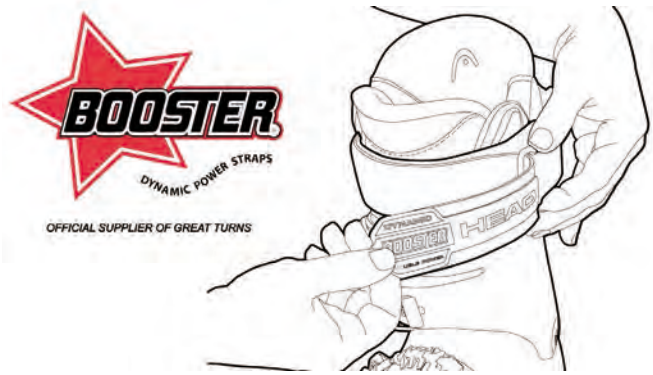
	LAST (27.5)	SHELL	FLEX INDEX	BUCKLES	FLEX	CANTING	INNERBOOT	VELCRO	SIZE RANGE
Vector EVO 130	S 1850cc/102	PU	130 / 120	Low ProfileSPINEFLEX Double Power – 4 Micro	Race Flex Tuning	Single Evo	EVO perfect fit PRO	Velcro DP booster	250-255...305
Vector EVO 120	S 1850cc/102	PU	120 / 110	Low Profile SPINEFLEX Double Power – 4 Micro	Race Flex Tuning	Single Evo	40mm	40mm	250-255...305
Vector EVO 110W	S 1850cc/102	PU	100 / 90	Low Profile SPINEFLEX – 4 Micro	Race Flex Tuning	Single Evo	40mm	40mm	230-235...275
Vector EVO 110	S 1850cc/102	PU / SL	110 / 100	Low Profile SPINEFLEX – 4 Micro	Race Flex Tuning	Single Evo	40mm	40mm	250-255...305
Vector EVO 90W	S 1850cc/102	PU / SL	90 / 80	Low Profile SPINEFLEX – 4 Micro	Race Flex Tunning	Single Evo	40mm	40mm	230-235...275

BOOT TECHNOLOGY / RAPTOR, VECTOR EVO AND CHALLENGER

DOUBLE POWER BOOSTER VELCRO

The strap of the Double Power Booster Velcro works as a double pulley for better closure and a tighter wrapping on the cuff. The elastic Booster Strap allows more dynamical response of the boot. The result: more precise transmission and faster ski reaction. (Manufactured under license from Skimetrix Ltd.)

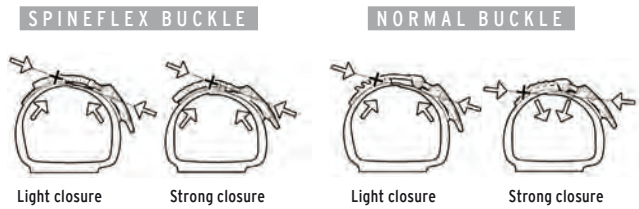
Protected under one or more of the following:
European patent N. 1087676,
US patent N. 6.026.594 Canadian patent N. 2.335.698,
Other patents pending.



BOOT TECHNOLOGY / RAPTOR, VECTOR EVO AND CHALLENGER

SPINEFLEX BUCKLES

Spineflex is a revolutionary buckle concept with a flexible element and a constant closure point. The flexible element allows the buckle to adapt to the shell profile and thus provide a homogeneous foot wrapping independent from the degree of closure. The increased precision and comfort created from the absence of pressure points results in better performance.

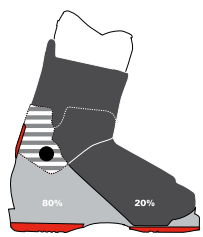


BOOT TECHNOLOGY / VECTOR EVO

DYNAMIC FRAME SHELL

Modern skiing requires comfort, efficiency, and control. HEAD's new EVO Frame is built around the legendary Vector last, but features a new highly efficient Dynamic frame which directs 80% of the energy directed from the body toward the rear of the shell. This stiff area cradles the skiers heel with comfort and power. However, the forefoot is able to articulate for better balance.

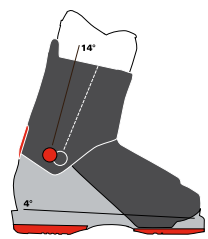
Forefoot area is less subjected to mechanical stresses but needs to provide the feeling on the snow. The 80-20 Dynamic Frame has been designed to obtain the best sensitivity and the dynamic response of the boot sole when the ski is flexing.



Vector EVO 80, 20

EVO STANCE

This new shell also has a new hinge position, 18 mm backward, precisely located to provide a progressive flex for expert skiers. With more vertical cuff and flatter boot board, skiers will find themselves in a very athletic, but relaxed stance.



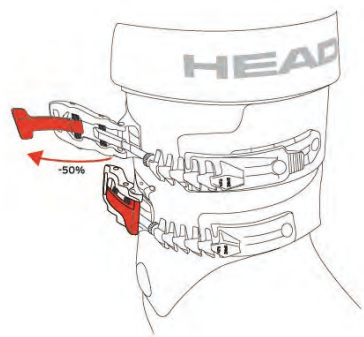
Vector EVO 14°

BOOT TECHNOLOGY / VECTOR EVO AND CHALLENGER

NEW DOUBLE POWER SPINEFLEX BUCKLES

Spineflex is a revolutionary buckle concept with a flexible element and a constant closure point. The flexible element allows the buckle to adapt to the shell profile and thus provide a homogeneous foot wrapping independent from the degree of closure.

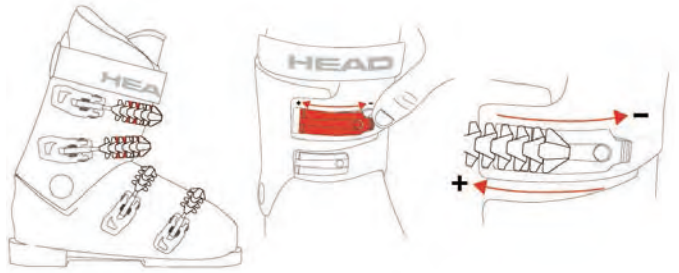
The increased precision and comfort created from the absence of pressure points results in better performance. The ergonomic, patented Double Power lever increases the leverage of the buckle by 50%, halving the effort required to buckle in. constant release values.



BOOT TECHNOLOGY / CHALLENGER, VECTOR EVO, VENTURE, EDGE AND CUBE

SUPERMACRO TOOTHPLATE

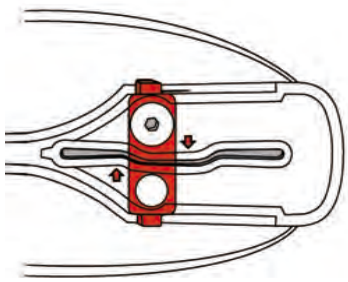
With a push of a simple button, the ratchet provides a 28 mm range of adjustment granting to fit any leg.



BOOT TECHNOLOGY / CHALLENGER AND ADAPT EDGE

ADAPTIVE FIT TECHNOLOGY

Adaptive Fit Technology is the first and only ski boot technology that lets you change the width of your boot from a comfort/performance last to a precision/performance last with the turn of a screw.

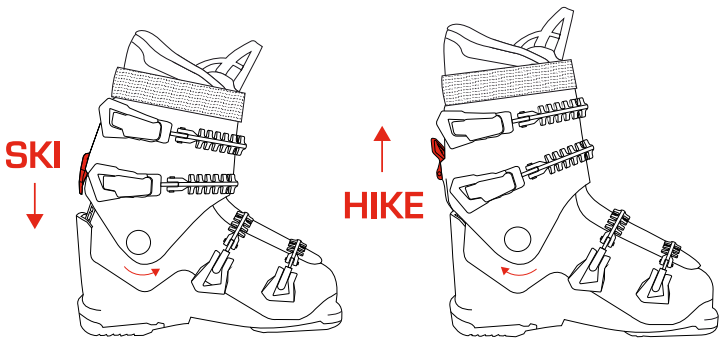


ADAPTIVE FIT TECHNOLOGY

BOOT TECHNOLOGY / CHALLENGER

POWER SKI HIKE

Provides the easiest selection of ski and hike mode available. Easy to identify and operate, yet providing a powerful connection between the cuff and shell for maximum precision and impulse transmission.



BOOT TECHNOLOGY / VECTOR, CHALLENGER AND ADAPT EDGE

TRI (BI)-INJECTION FRAME

A high performance, multi-density shell that optimizes easy entry, foot wrapping, comfort and energy transmission

BOOT TECHNOLOGY / CHALLENGER, VECTOR AND EDGE

DOUBLE POWER SPINE-TECH BUCKLES

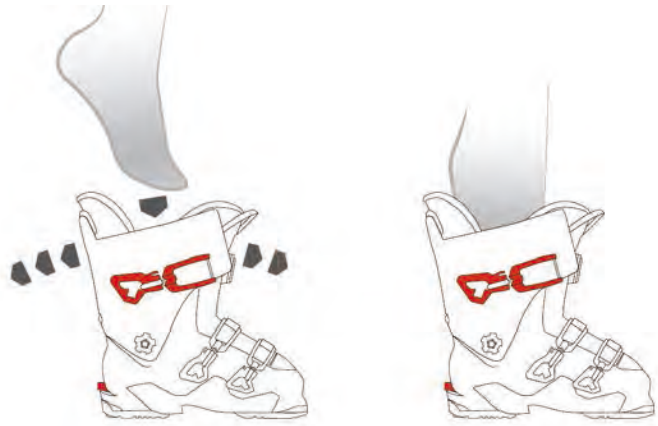
Spine-Tech buckles provide constant traction and avoid pressure points, improving both comfort and precision. The ergonomic, patented Double Power lever increases the leverage of the buckle by 50%, halving the effort required to buckle in. constant release values.

BOOT TECHNOLOGY / CUBE

DEVELOPING OUR CUBE3 LINE, WE DECIDED TO TACKLE THE ONE CHALLENGE EVERY SKIER FACES EVERY DAY ON THE MOUNTAIN: TO COMBINE GREAT SKIING PERFORMANCE WITH GREAT WALKING PERFORMANCE. AFTER ALL, ON ANY GIVEN DAY, WE SPEND UP TO 30% OF OUR TIME OUTSIDE OF THE BINDING.

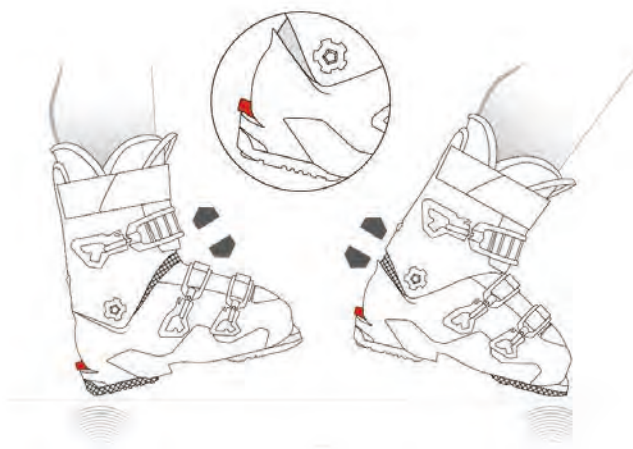
EASY IN

Thanks to a new quick entry geometry, the Cube3 is extremely easy to get into. Simply tilt back the shaft and step in. In addition, the 3-buckle construction with an oversized top buckle allows easy and quick buckling in and a great, snug fit.



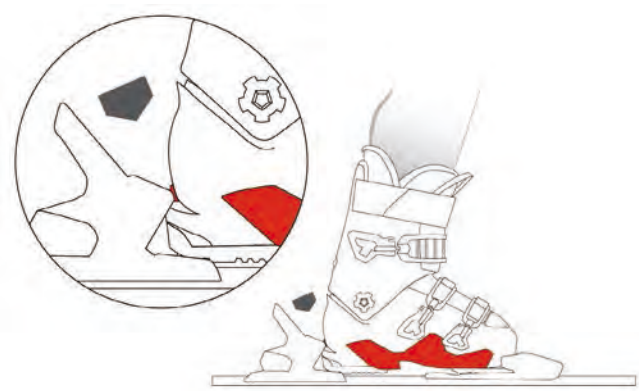
EASY WALK

Outside of the binding, the shaft of the Cube3 is always unlocked, allowing natural walking. This, in combination with (patended) SoftWalk heel and grip system on the heel, makes the Cube a superb walking boot.



EASY SKI

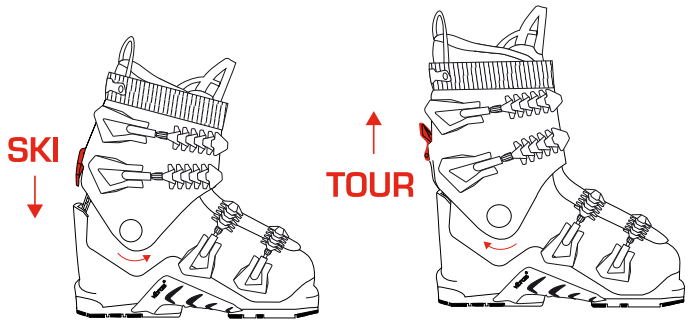
The moment you step into your binding the patented integrated AutoSkiWalk mechanism blocks the shaft, allowing you to speed off down the mountain without bowing, bending or buckling.



BOOT TECHNOLOGY / VENTURE

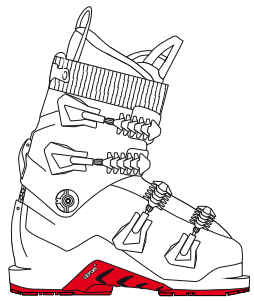
SKI / TOUR MECHANISM

The Ski/Tour mechanism is the right combination between skiing and touring. Providing a perfect lock of the shell during the downhill activities for the maximum performance, yet offering an easy release for the return trip.



VIBRAM SOLE

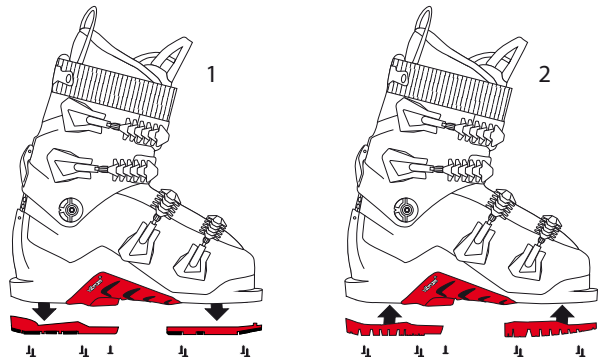
The bi-injected Vibram® sole allows safe hiking on all terrain while reducing shock absorption as well.



VIBRAM® TOURING PADS

60117492

Interchangeable Vibram® Touring Pads, an innovative high performance rubber sole, provides the maximum grip when hiking on anything from rocks on a peak to the parking lot ice. Please refer to the international standard "ISO 9523".

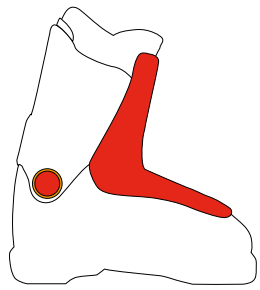


BOOT TECHNOLOGY / HAMMER, THRASHER

TRIAD ERGOTECH SHELL

The innovative three piece construction,"Triad Ergotech Shell", provides precision and performance in any terrain and snow condition.
The boots progressive and natural flex is provided by the open throat shell, in addition to the interchangeable tongue and pivot point. The pivot point is placed where the ankle flexes at the rotating point of the shell.

The interchangeable tongue allows customization of the flex to match any snow condition.



360 FULL CUSHIONING SYSTEM

An innovative system that help to absorb any impact:

- Shock bumper hinge
- Rear spoiler
- Gel innerboot tongue
- New toe box material to avoid toe bang
- Footbed and wedge

BOOT TECHNOLOGY / VENTURE

SHOCK ABSORPTION WEDGE

A rubberized boot board that allows for smoother riding over varied terrain as well as an additional layer of protection from impact to create a shock-free landing.