RACING GUIDELINE

WINTER 20/21

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RAPTOR WCR

I can make a quicker turn, keep a tighter and faster line and when mistakes happens I can react fast to be back on track again.
André Myhrer

... First part of the turn is also easier without being too aggressive.
Johann Clarey

...they allow me to feel more pressure on the whole ski, I can control what I am doing and where I want to put my skis...
Mathieu Faivre

New Raptor feels smoother and easier to turn...
Anna Veith

... I have also a good balance with this boots coming from a better forward position.
Alexis Pinturault

My first impression is that it is very stable and has a good driving behavior...
Matthias Mayer

RAPTOR WCR

WHY IS IT FASTER?

It is a question of balance of many details to be combined in a perfect mix.

All racers have immediately establish a perfect feeling with the boot.

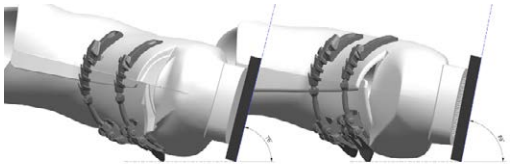
BUT EVOLUTION.

NO REVOLUTION

WHAT'S NEW?

HIGHER BUCKLES POSITION

(+10mm) and compact shell reduce accidental snow contact.



76° 79°

THE LONGER TOE BOX

(12mm) has been designed to reduce torsion and increase power transmission. Combined with a new PU material that provides a more progressive flex, a smoother rebound, and less vibration for better control.

WHAT'S NEW?

NEW MATERIAL

New TPU material has been developed with different additives to optimize dynamic behavior between -20° to 5°(at room temperature it can be perceived slightly softer). The result is better handling in all ski conditions and particularly with the technical disciplines.

The target was to rebalance elastic rebound, and reduce over aggressive reaction to improve ski control.

Racers comment was: the boots return the same power you give and you can easily keep a central position on the skis.

WHAT'S NEW?

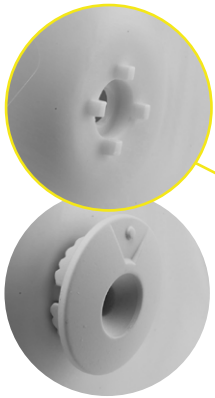
NEW CANTING

The new canting provides a more precise adjustment, a more stable connection, and less friction between the shell and cuff.

Neutral canting

1.2 mm canting

	EXTERNAL CANTING	INTERNAL CANTING					
SETTING 1	NEUTRAL	NEUTRAL			0,5°		
SETTING 2	1,2mm (+)	NEUTRAL				1°	
SETTING 3	1,2mm (+)	1,2mm (+)					1,5°
SETTING 4	1,2mm (-)	NEUTRAL		0°			
SETTING 5	1,2mm (-)	1,2mm (-)	-0,5°				



Ensure the canting is positioned correctly before tightening. The canting must be flush with the shell.

WHAT'S NEW?

FLAT BOOTBOARD

Benefit: Start flat, manipulate as needed.

NEW FLEX ADJUSTMENT

- additional screw + 10 flex
- Canting position to be fixed before drilling the shell

WHAT'S NEW?

BALANCE AND GEOMETRY

-16°/9° forward lean
(It should be noted that the 9° forward lean is the result of a new forward lean measurement methodology.)

-4° ramp angle

TECHNICAL DATA

HEAD BOOT COLLECTION 2020/21 @265

MODEL	SAMPLE SIZE (MP)	EXTERNAL (mm)			INTERNAL (mm)						WEIGHT (g)		CANTING (°)			FORWARD LEAN (°)	RAMP (°)
		SOLE LENGHT	HEIGHT (only shell and cuff)	HEIGHT (boot with liner) 	LAST WIDTH	MALLEOLUS WIDTH	INSTEP WIDTH	HEEL WIDTH	HEEL HEIGHT	TOE HEIGHT	WEIGHT (1/2 pair)	WEIGHT (1/2 pair) LINER	STANDARD 	Max OUTSIDE 	Max INSIDE 	STANDARD	RAMP ANGLE
RAPTOR WCR																	
RAPTOR WCR 2	26,0	304	314	361	93	76	168	54	35	50	2575	566	0,5°	1,5°	-0,5	16°/9°	4°
RAPTOR WCR 3	26,0	304	314	361	93	76	168	54	35	50	2571	566	0,5°	1,5°	-0,5	16°/9°	4°
RAPTOR WCR 4	26,0	304	314	361	93	76	168	54	35	50	2569	566	0,5°	1,5°	-0,5	16°/9°	4°
RAPTOR WCR 5 SC	26,0	304	304	351	93	76	168	54	35	50	2547	566	0,5°	1,5°	-0,5	16°/9°	4°

NOTE: The shell standard canting is 0°. The cuff is 0,5°

LIFTERS

WE OFFER THE FOLLOWING LIFTERS:

3 mm

5 mm

7 mm NEW

Measurements of the height between the sole and the base of the heel inside the boot:

STANDARD	37 mm
LIFTERS 3 mm	40 mm
LIFTERS 5 mm	42 mm
LIFTERS 7 mm	44 mm

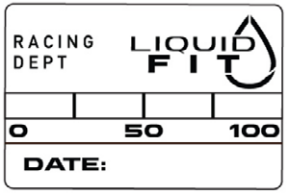
FIS, limits at 43mm, +2mm tolerance

WHAT'S NEW?

NEW LF INNERBOOT

increases precision and comfort even for the high standard of racers needs.

- New thin flaps construction



WHAT'S NEW?

NEW LF INNERBOOT

Liquid fit provide a supreme heel and ankle retention for a better performance and driving behavior.

1. It is recommended that the liquid fit process is performed before any shell modifications.
2. Perform the Liquid Fit process with a custom insole to ensure proper and consistent foot positioning.
3. Beginning with the internal side, start injecting while the athlete stands on a skiing position. Inject half of the carttridge for each side of the liner. Add material as necessary to reach the desired level of ankle retention.
4. After completing the Liquid Fit injection process, be sure to fold the Liquid Fit sleeves over and tuck them into the liner as indicated in the image 4 above. This will prevent any excess material that was left in the sleeve from escaping.
5. Upon completion of the Liquid Fit process, make a fist and run you fist in a downward motion through the ankle and Achilles tendon area. This will ensure that the one-way valve that is attached to the liquid fit bladder is closed as indicated in the image 5 above..

4.

5.

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