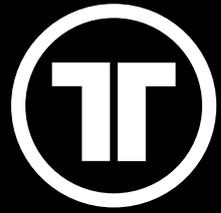


EN



SKI & BOARD TUNING



GET THE
WORLD CUP
FEELING

UNPARALLELED QUALITY PLUS HIGH
CAPACITY. A WORLD CUP BASE FINISH FOR
SKIS AND BOARDS – EVERY SINGLE TIME.



4-STONE SYSTEM FOR HIGH CAPACITY

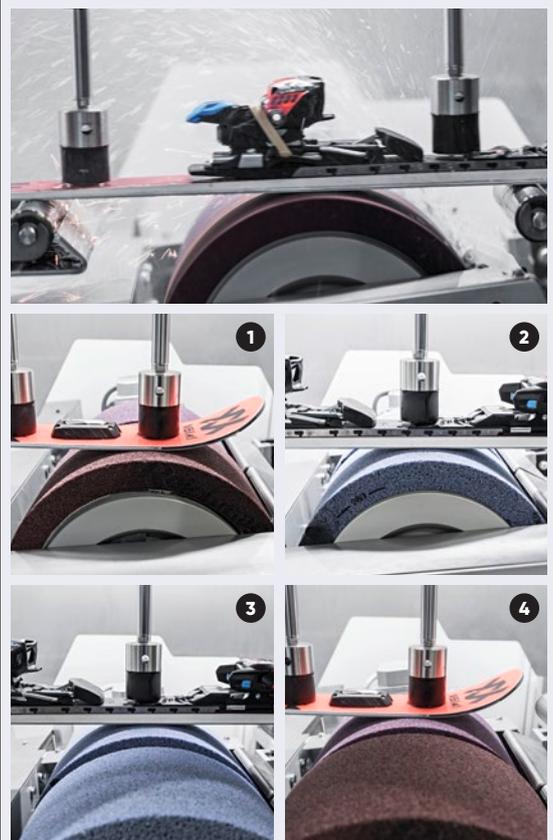
Each of the four grindstones moves into the processing line individually, ensuring an exceptional base finish in just one run. The highest quality – with high-volume output.

EDGE GRINDING & TUNING

During the first processing cycle, the side edges are prepared for the final grinding. The second cycle uses a disc for precision grinding; bottom edges are then processed using a polishing wheel to protect the materials. This combination results in the perfect edge geometry.

GRINDSTONES WITH THEIR OWN DRESSING DIAMONDS

This means that each of the four stones is perfectly adjusted to its respective task. In each cycle, the ski passes over two grindstones. During the first cycle as the ski is introduced into the machine, **stone 1** uses a high degree of processing intensity and removal to lay the foundation for a perfect tune. **Stone 2** completes the pre-grinding with a finer structure. The ski then returns and the second cycle begins. **Stone 3** is responsible for smoothing out all the fine hairs and fibres. With a textureless base and a clean edge, it is time for **stone 4** to create the perfect base design for an unforgettable day on the slopes.





INNOVATIVE TRANSPORT SYSTEM

The automatic self-positioning pins press the ski onto the guide rollers, creating a constant reference line for processing. This means trouble-free transportation of the equipment, regardless of the top surface material. And that means smooth operations with no downtime or malfunctions.

LOADING AND UNLOADING IN JUST 7 SECONDS

With simultaneous loading and unloading of skis, two steps are completed in just one cycle. This saves time and is one of the reasons for the extremely high-volume output.

COMPACT DESIGN

The concept of aligning the aggregates in this way is what makes the compact design possible and enables the cost-effective realisation of this state-of-the-art tuning system.

SIMPLE OPERATION

Thanks to the high degree of automation, operating our tuning machines is very simple and easy to learn. The short training time needed is a plus for both staff and shop owners.





4 GRINDSTONES FOR BASE PROCESSING



The four grinding modules – each with a combination of stones and diamonds specially adjusted to the particular step – ensure extremely efficient processing of the skis.

A DISC FOR SIDE EDGE PROCESSING



The proven SK disc guarantees consistent quality, as well as precise edge angles that are electronically adjustable. The long service-life of the discs mean long periods of uninterrupted work between disc changes.

mm



1,990

POLISHING WHEELS FOR BOTTOM EDGE TUNING



The polishing wheels can be trimmed to accommodate any angle and enable precise edge geometry, while simultaneously protecting the valuable equipment. Removing a minimum of material means the skis will enjoy a long life.

INDIVIDUAL ADJUSTMENT OF EVERY PARAMETER



It is vital that each piece of equipment meets the individual customer's needs. Both the base design and the electronically adjustable side-edge angles ensure a wide range of different options. Settings for individual customers can be stored and saved in the programmes.



A NEW DIMENSION OF SKI TUNING

THE PERFECT BASE FINISH AND DESIGN



100% OF THE SKI
A DELUXE SKIING EXPERIENCE

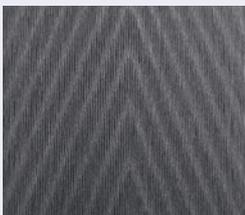
100% SAFETY
COMPLETE CONTROL THROUGH THE TURN

100% PLEASURE
EFFORTLESS SKIING

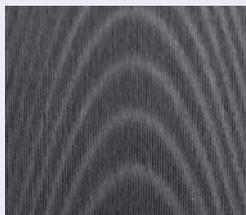
THE X-SERIES SERVICING MACHINES
COMBINE THE BEST OF ALL THE PROVEN SKI-
TUNING TECHNOLOGIES ON THE MARKET.



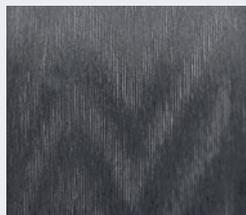
UNPARALLELED QUALITY
OPTIMAL EDGE TUNING AND
PERFECT OPTICS



C-Tree



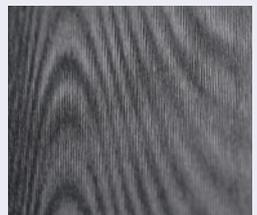
Bow



Wave



The Bat



Voodoo

Along with optimal edge tuning, the base design is at the centre of our advancements. Our aim is to give customers the feeling of a perfect ski with a set-up tailored to suit their very own skiing style. Because only a truly customised ski service allows them to enjoy the ultimate skiing experience.

ONE SINGLE RUN

2 PROCESSING CYCLES WITH 9 WORK STEPS

STEP 1 / SKI MOVES IN

- A** Automatic loading
- B** Edge grinding (disc)
- C** Coarse pre-grinding at high speed with a high material removal rate (stone 1)
- D** Fine pre-grinding at medium speed with a high material removal rate (stone 2)

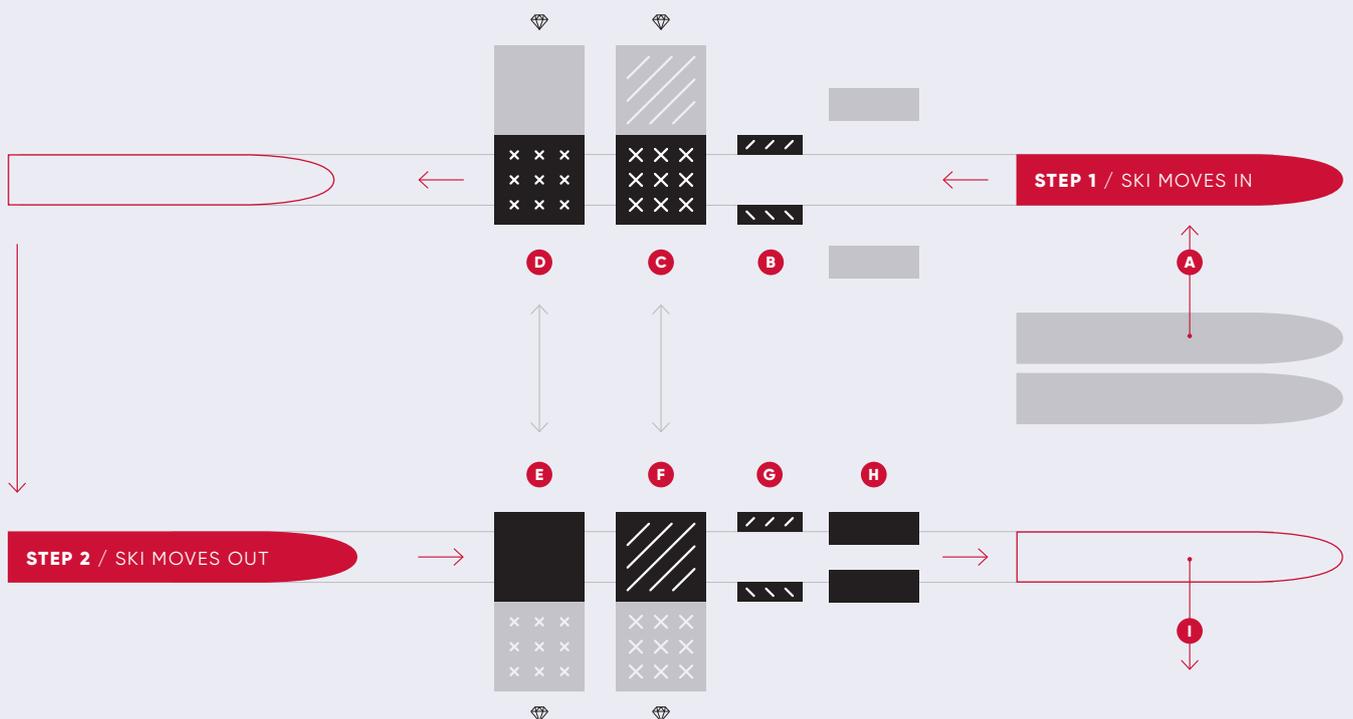
STEP 2 / SKI MOVES OUT

- E** Smoothing at low speed as the basis for the surface design (stone 3)
- F** Structural grinding to perfect the surface design, speed adjustment as necessary (stone 4)
- G** Side edge grinding with precise edge geometry and preservation of the edge thickness (disc)
- H** Final polishing for a long life and ultimate ski performance (polishing wheel)
- I** Automatic unloading

UP TO 45 PAIRS OF SKIS PER HOUR

HIGH VOLUME COMBINED WITH EXCEPTIONAL QUALITY

This diagram shows the grinding process and alignment of the aggregates that allows for such a compact and cost-effective design.





PREMIUM SHOP CONSTRUCTION - WITH NO SPECIAL WISH LEFT UNFULFILLED. SHOPS WORK VERY WELL IN PRACTICE. WORLD PREMIERE SKI SERVICE MACHINE: I EVEN TRUST THE MACHINE WITH MY SON'S RACING SKIS. WHAT MORE DO I NEED TO SAY? EXCEPT PERHAPS THAT OUR CUSTOMERS GREATLY APPRECIATE THE QUALITY.

HANS SEIFERT / MANAGING DIRECTOR INTERSPORT MARIA ALM

IN MY OPINION, THE THALER X4 EDGING MACHINE BRINGS TOGETHER ALL OF THE POSITIVE ASPECTS OF A SKI SERVICE MACHINE CURRENTLY ON THE MARKET. WE CONDUCTED INTENSIVE RESEARCH CONCERNING THE TOPIC AND HAD CLEAR REQUIREMENTS WITH REGARD TO QUALITY, PERFORMANCE AND SUPPORT. WITH THALER WE HAVE FOUND AN EXCELLENT PARTNER IN THE FIELD OF SKI SERVICING.

MARTIN TYKAL / MANAGING DIRECTOR NTC OBERSTDORF



INDIVIDUALISED SERVICE FOR YOUR CUSTOMERS

Today's skiers are more demanding than ever before. They want not only the best skiing conditions, but also the best equipment. A ski service that is customised to suit each individual's needs is essential to meet these demands. Competent, expert advice plays a major role in raising a customer's level of satisfaction.

It's time to create the feelgood factor.



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