



MADE IN GERMANY

365 days a year it's our passion: skiing. This passion has driven more than 90 years of constant development, improvement and quality-centered manufacturing of innovative products. Our main factory in Straubing, Germany plays an important role in this scenario. It is one of the world's leading ski manufacturing plants, where classic handcrafting, engineering acumen and cutting-edge production equipment come together in perfect harmony like nowhere else. Specialist development teams and a substantial portion of handcrafting combined with the use of cutting-edge machinery ensure that our famous "Made in Germany" engineering and quality flow into every ski, ready to deliver tremendous performance.

We view the "Made in Germany" label as a commitment to excellence in our own work and a promise to deliver that quality to our

customers. These values are both a conviction and a tradition that have been passed down from generation to generation since 1923. The world's most advanced machinery and high qualified employees establish optimal conditions for delivering on that promise and putting the best possible skis into every skier's hands. Individually tuned for their specific use, down to the last detail. For more fun, faster progress and/or better competition results.

We are of the firm belief that the only way to create extraordinary high performance products, is to engage in constant development work. This means deploying forward-looking technologies that set new benchmarks for skiing year after year. No other place is as conducive to this approach as Germany, where the passion for product innovation is coupled with an especially environmentally conscious mindset.



VÖLKL SKI TECHNOLOGY

3D.RIDGE

Our 3D.Ridge technology - now found in the Flair 81, V-Werks Katana, BMT 122, BMT 109 and BMT 94, the VTA 88 LITE and VTA 80 LITE touring skis, as well as the RTM high-end models and the 100EIGHT/ 90EIGHT - is probably the most extreme and effective construction technique that currently exists. It has become a symbol of VÖLKL light-weight construction. The distinctive characteristic of this technology is a raised central ridge that sharply levels out towards the edges, both in front of and behind the binding. This reduces the inertial mass around the fulcrum to a minimum and significantly enhances the agility of the ski. At the same time, the center ridge allows for a precise

dimensioning of the hardness distribution, which leads to an especially harmonious flex on the ski. Despite the weight savings, the 3D.Ridge ensures that there are no compromises whatsoever in the ski's durability and elasticity.

- // Superior weight on wider skis
- // Higher limits
- // precise flex-definition: precise power transmission from tip to tail
- // reduced rotation forces

3D.RIDGE



UVO

UVO is the first freely rotating, 360° vibration damper to apply cutting-edge vibration dampening technology in order to minimize disruptive ski vibration. The terrain or surface below the ski inevitably generates vibrations, which in turn set the shovel into motion. This significantly disrupts the smoothness of the ski-ride, and makes it harder to hold an edge. The revolutionary

UVO technology works against this, through proven dampening in the form of reduced vibrations in the horizontal and vertical directions as well as along the length of the ski. The ride becomes smoother and the edge grip improves significantly. The UVO is mounted on the following skis: all Racetigers, the RTM 86 and 84, as well as the Flair SC UVO and the Code series.



- // Better maneuverability
- // Increased smoothness of ride
- // Better control and quicker reaction
- // Less exertion due to lower overall weight
- // Better performance through unique 3D shock dampening



V-WERKS

More performance AND less weight? Impossible. Right? No, it's not! And the exclusive V-WERKS High Tech line proves this. It demonstrates in impressive fashion just what technology can achieve right now. This custom series focuses on revolutionary designs that trim every possible gram, which means exclusive use of expensive

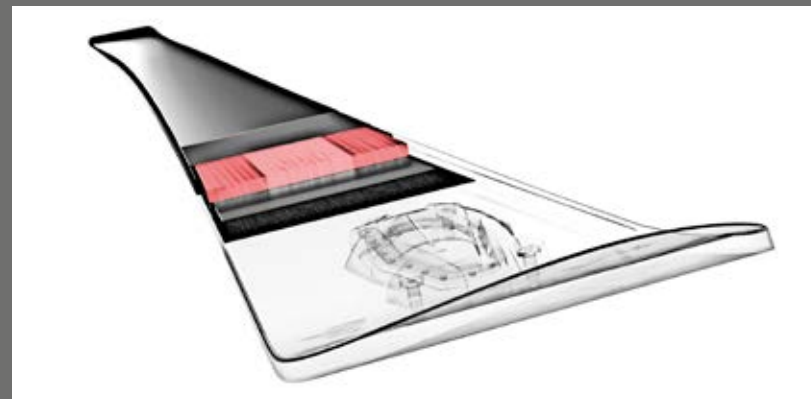
materials like carbon and titanal. Trail-blazing engineering and cutting-edge production methods result in an extremely lightweight ski brimming with world-class performance capabilities without sacrificing even a hint of stability or durability. The construction and ultra-flat design translates into a fantastic edge grip and



lightning-fast responsiveness, so there are absolutely no limits placed on highly athletic, varied skiing.

WOODCORE

The core is the heart of every ski and it is a major factor in determining its flex and power transmission. Each model now contains a unique core that is individually tuned to its intended use and the expected stresses. We differentiate between a broad range of woods, composites and hybrids based on their construction, thickness profile, stiffness and flex behavior. Simultaneously the innovative cores that we develop also provide significant weight savings for more comfort and agility.



BASE

To ensure maximum speed, agility and durability we at Völkl only use high quality base materials. More than 90% of our ski collection are set up with sintered P-Tex bases. They guarantee excellent gliding characteristics due to a high level of wax absorption, abrasion resistance

and longevity. Depending on the range of use as well as the price point, different P-Tex materials are applied: from **P-Tex 750** all the way to **P-Tex 4500** with the highest molecular weight available, derived directly from the World Cup.

VÖLKL ROCKER CONSTRUCTION

// When a rocker ski is going straight ahead the middle section concentrates the pressure on the snow making it significantly easier to turn than with a cambered ski.

// Cambered skis are bent "into shape" by the weight of the rider, with the curve following the prescribed radius. This curved shape is always present in the rocker ski, so initiating turns is inherently easier.

// As the ski is put on edge its effective edge length extends - the greater the angle, the higher the stability.

// The length of the edge grows as needed, automatically getting longer in steep terrain.

// For a rocker shape to function, it requires harmonization of the stiffness, and sidecut.

// Because the rocker ski involves a significantly softer transition into an angled position and turns are significantly easier to initiate, both novice and advanced skiers benefit from the turned-up shape.

// The rocker shape provides additional uplift when skiing off-piste.



Full Rocker

Character: The ski is bent at a constant curvature along its entire length



Tip & Tail Rocker

Character: Bends up only in the shovel and tail zones, with a camber shape in the middle



XTD Tip & Tail Rocker

Character: Unique rocker shape, longer rocker profile compared to traditional tip & tail rocker, very short cambered profile under foot, more solid shovel and softer middle part



Tip Rocker

Character: Only bends upwards in the shovel area, while the middle and tail of the ski feature a camber shape



EFFICIENT SKIING

It's been a long-held target of ours to create performance-oriented skis for demanding skiers of every age that are nevertheless built to be forgiving and to reduce exertion. This would let skiers get a longer, more relaxed day on the prepared trails and the steeps. Less effort - more performance!

Real initial progress came with an update of the existing inline models combined with an optimized flex, reduced weight and weight optimized binding systems.

EFFICIENCY has moved into series production as its own lightweight/performance construction technology and we are proud to present the CODE UVO efficiency, the RACETIGER SC UVO efficiency and the RTM 81 efficiency. They score due to their noticeably reduced weight and lighter turning performance, achieved without robbing the ski of its characteristic on-snow feel and dynamism. All three models require less energy from the skier and help offset tiredness - extending the ski day the right way.



ICE-OFF TOPSHEET

The next step in effective weight reduction, ICE.OFF stands for the latest topsheet technology on our touring skis. The unique surface structure and material composition reduces icing as the snow simply slides off the topsheet. This leads to a drastic reduction of weight in use, on average up to 20%

to 30%. In addition, mainly white graphics support the anti-icing effect. Lighter skis prevent fatigue, especially on long and steep uphill sections.

// unique surface structure reduces icing
// effective weight reduction (app. 20 to 30%)



LIGHTWEIGHT

We started down the path of futuristic lightweight ski construction several years ago with our V-WERKS technology. Since first hitting the market, our award-winning v-werks models have served as a benchmark for the entire industry. They attest to VÖLKL's leading role in the area of ski weight, performance and efficiency.

BENEFITS OF VÖLKL LIGHTWEIGHT CONSTRUCTION TECHNOLOGY

No matter which model or technology you choose, you as the skier will benefit from Völkl's lightweight construction on several levels:

// Performance and on-snow feel are enhanced, with a reduced inertial mass giving the skis a more dynamic feel.

// Less exertion is required to turn the skis, offsetting muscle exhaustion.

// The lighter ski offers improved handling and quicker reactions.

PERFECT SETUP

Behind the VÖLKL PERFECT SETUP is an extremely complex process for optimizing all ski components, both individually and in relation to one another. The end result: each ski is unique in its own structure and performance. The PERFECT SETUP contributes to the ideal ski construction and is really revolutionizing ski making, drawing higher performance out of every ski and laying the groundwork for a lively and dynamic feel on the snow.

- SELECTION OF MATERIALS
- TECHNOLOGY/CONSTRUCTION
- LENGTH/RADIUS
- FLEX
- CORE
- BINDINGS SYSTEM
- ROCKER
- SIDECUT