

OutPiste Skis Specification Guide

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1. Introduction

Welcome to the OutPiste Skis Specification Guide. This guide provides a comprehensive overview of OutPiste Skis, designed specifically for off-piste skiing and powder conditions. Engineered for flotation, stability, and versatility, OutPiste Skis are the perfect choice for skiers who love to explore beyond the groomed trails and embrace the thrill of backcountry terrain.

2. Product Overview

OutPiste Skis are built with advanced technology and premium materials to meet the demands of off-piste enthusiasts. These skis offer exceptional flotation in deep powder, stability on varied terrain, and versatility for all-mountain adventures. Whether you're carving through fresh powder or navigating through trees and moguls, OutPiste Skis provide the performance and reliability you need.

3. Technical Specifications

General Specifications

- **Model Name:** OutPiste
- **Category:** All-Mountain/Freeride Skis
- **Discipline:** Off-Piste, Powder
- **Skill Level:** Intermediate to Expert
- **Terrain:** Backcountry, Powder, Variable Conditions

- **Guarantee:** 4 years

Dimensions and Sizing

- **Lengths Available:** 180 cm, 190 cm, 200 cm
- **Tip Width:** 135 mm
- **Waist Width:** 105 mm
- **Tail Width:** 125 mm
- **Turn Radius:** 16-24 meters depending on length

Weight

- **Weight (per ski):** 2.0 kg - 2.5 kg depending on size

Binding Compatibility

- **Binding System:** Compatible with alpine and touring bindings
- **DIN Range:** 4-14

4. Construction and Materials

Core

- **Material:** Lightweight Poplar and Paulownia wood core
- **Construction:** Hybrid construction with horizontal laminate layers for enhanced strength and flexibility

Reinforcement

- **Fiberglass:** Multi-layer fiberglass for increased torsional rigidity
- **Carbon Fiber:** Strategic carbon fiber stringers for added responsiveness and reduced weight

Base

- **Material:** High-density sintered base
- **Finish:** P-Tex 4000 sintered base for excellent glide and durability

Edges

- **Material:** Hardened steel edges
- **Thickness:** 2.0 mm for durability and edge hold

Topsheet

- **Material:** Matte, scratch-resistant polyamide
- **Graphics:** High-definition digital printing with UV protection

5. Design Features

Rocker Profile

- **Type:** Rocker-Camber-Rocker profile
- **Function:** Enhanced flotation in powder with camber underfoot for edge hold on hardpack

Flex Pattern

- **Type:** Medium flex pattern
- **Function:** Balanced flex for stability in variable conditions and maneuverability in deep snow

Sidecut

- **Type:** Progressive sidecut
- **Function:** Smooth turn initiation and versatility across different snow conditions

6. Performance Characteristics

Flotation

- **Deep Powder:** Exceptional flotation due to wide tip and waist dimensions
- **Variable Conditions:** Versatile performance in mixed snow conditions, from powder to crud

Stability

- **High Speed:** Stable at speed due to reinforced construction and strategic carbon fiber placement
- **Variable Terrain:** Reliable performance on varied terrain, including trees and moguls

Maneuverability

- **Turn Initiation:** Smooth and easy turn initiation in deep snow
- **Turn Radius:** Versatile turn radius for both tight and wide turns

7. Available Sizes

OutPiste Skis are available in multiple sizes to accommodate different skier preferences and body types. The following sizes are offered:

- **180 cm:** Balanced option for a wide range of skiers
- **190 cm:** Best for taller or more aggressive skiers
- **200 cm:** Designed for maximum flotation in deep powder

8. Maintenance and Care

To ensure the longevity and performance of your OutPiste Skis, follow these maintenance guidelines:

- **Regular Waxing:** Wax the skis regularly to maintain base speed and protect from drying out.
- **Edge Sharpening:** Keep the edges sharp for optimal grip and control.
- **Storage:** Store in a cool, dry place away from direct sunlight and moisture.
- **Inspection:** Regularly inspect for any damage or wear and repair as necessary.

9. Warranty Information

OutPiste Skis come with a limited warranty covering defects in materials and workmanship for a period of two years from the date of purchase. This warranty does not cover damage caused by misuse, neglect, or normal wear and tear. For full warranty details and claim procedures, please refer to the warranty card included with your skis.

10. Conclusion

OutPiste Skis are the ultimate choice for off-piste enthusiasts seeking performance, stability, and versatility in powder and varied conditions. With their advanced construction, superior materials, and innovative design features, OutPiste Skis provide the flotation, control, and reliability needed to excel in the backcountry. Whether you're exploring untouched powder fields or navigating challenging terrain, OutPiste Skis will elevate your skiing experience to new heights.

For more information or to purchase OutPiste Skis, visit our official website or contact an authorized dealer near you.

Thank you for choosing OutPiste Skis. Enjoy your adventures in the great outdoors!