



MADSHUS

WORKBOOK
2020/2021

REDLINE 3.0 SKATE & CLASSIC

We spent three years and thousands of hours of research and development to create the Redline 3.0 product line.

At first glance, the introduction of Redline 3.0 might seem like nothing more than a change of graphics. A facelift. A pretty new design. And on the surface that might be true as we've maintained the Redline 2.0 geometry. However, this generation of skis represents a new design philosophy, one that is built for the modern ski racer and which utilizes modern technology to produce a ski that will help you get from the start line to the finish line faster than you've ever gone before. Every aspect of each Redline model has been optimized to the conditions in which they're designed to excel. Marginal gains add up to become the race winning margin.

THIS IS RACE ENGINEERED DEVELOPMENT. THIS IS REDLINE.

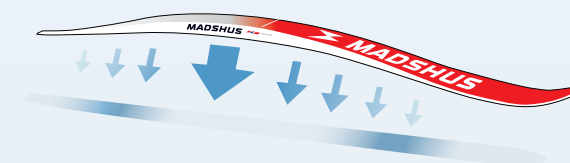


CARBON REINFORCEMENT

One of the key elements in our development process has been the specific use of additional carbon reinforcements to enhance the dynamic properties of the skis. In isolation this change might not have had the desired effect, but in conjunction with a new camber philosophy the true speed of this new construction was unlocked.

TUNED DYNAMIC RESPONSE

SKIING IS MOVEMENT
MOVEMENT IS SPEED
SPEED REQUIRES ENERGY
SELECTING SKIS FOR DYNAMIC QUALITIES



Read more about this in the next pages.

TUNED DYNAMIC RESPONSE

SKIING IS MOVEMENT

Most systems for measuring ski flex rely on static measurements.

The same is true for most methods of measuring ski speed, which rely on static half-weight loads – skiers in a tuck with the weight on both skis at once. But the performance environment for a top-level race ski is one of constantly changing loads and conditions. The movement of the skier and the constant variation of terrain and track conditions creates a dynamic environment. It is the dynamic response of the material that defines success.

MOVEMENT IS SPEED

With every push a skier starts with entry speed, adds power, and maintains or builds exit speed.

The ski takes the power of the skier and translates it to the snow for optimal acceleration. More exit speed taken out of every push means more entry speed brought into the next push, and the advantage accumulates with a compounding effect from stride to stride. This is the dynamic work of the ski. The fastest race performances depend on skis that efficiently produce speed in motion.

SPEED REQUIRES ENERGY

The ski works with the skier to produce speed in motion by storing and releasing energy as it deforms and rebounds under changing loads.

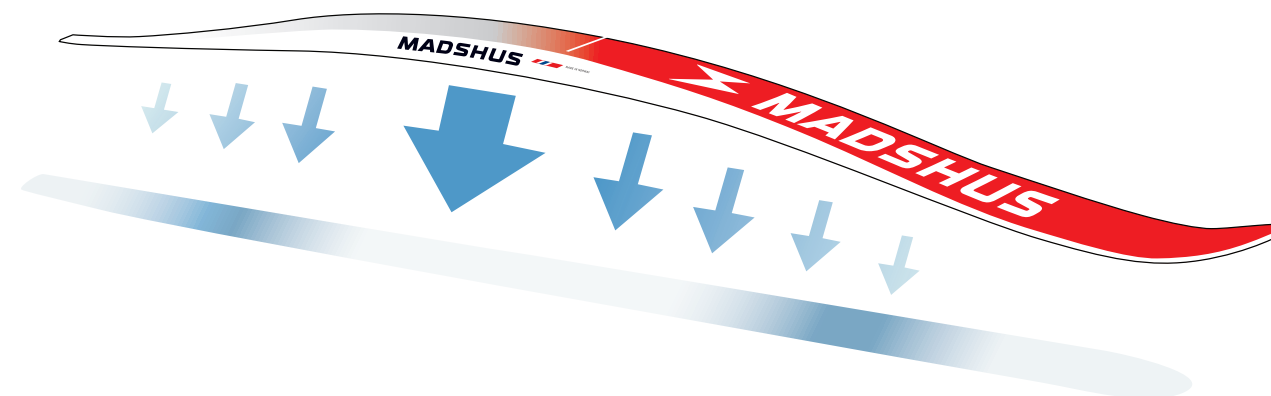
In a single stride the ski will experience loading states from zero to well above the full body weight of the skier, not to mention a constantly changing blend of vertical and torsional forces as the skier transitions from a flat ski to a ski on edge. At every load state the ski needs to minimize friction by maintaining optimal snow contact and providing either elastic energy storage or release. A skier's individual movement pattern, timing, and rate of force production will combine to determine which specific dynamic qualities best support their efforts.

SELECTING SKIS FOR DYNAMIC QUALITIES

Because of the importance of dynamic harmony between the ski and the skier it is impossible to select a ski based on a single measurement value.

The traditional Flex value is a somewhat outdated measurement, and other parameters are more meaningful when designing and picking modern skate racing skis. In fact, the loading scenario where flex is measured is not one that a Redline 3.0 skate ski will ever encounter, which makes the value not very useful in accurately selecting this type of ski.

To replace static measurements we've developed the Empower system to allow us to produce skis which consider the whole spectrum of loads our skate skis experience. More importantly for you, the Empower system provides the data you need to easily pick your next pair of perfect skis.



RACEDAY BOOTS

REDLINE BOOTS SKATE AND CLASSIC

Redline boot series has been engineered from the ground up to provide even more comfort, power, and control while further reducing weight to make this our lightest boot ever! Feet come in all shapes and sizes, which is why all our new Redline boots feature carbon composite shapes designed to hold the foot comfortably and securely for optimal power transmission and edge control. This carbon

composite footbed uses a thermoplastic resin that was selected for its ability to be heated up and remolded, so even people with difficult to fit feet can have a high-performance boot with no compromise on comfort! The improved upper construction and lacing pattern allows for more precise fit customization, and the memory foam hugs the heel and perfectly holds the foot in place.



ACCELERATE YOUR SKIING WITH REDLINE SKI BOOTS AND BE READY TO TACKLE YOUR MOST AMBITIOUS SKIING GOALS.

EVERYDAY BOOTS

RACE PRO AND ENDURANCE BOOTS



From race day to everyday: At Madshus we believe that all skiers benefit from the technologies developed with our World Cup athletes. The new Race Pro and Endurance ski boots are two excellent examples. Offering a more affordable racing alternative

to the flagship Redline Skate boot, the Race Pro and Endurance boots have many of the same features as our top model, providing a level of performance you'd expect from a World Cup racing boot at a lower price.

MADSHUS INTELLIGRIP®

Our main goal at Madshus is to design products which improve your skiing experience. In the case of our IntelliGrip® collection of skis the goal is to make your day on the trails easier, more efficient, and ultimately more fun. IntelliGrip® skis are fundamentally different from traditional classic skis as they feature a skin material in the grip zone of the ski. This is essentially

a no-wax ski without the performance penalty that came with older waxless skis. You no longer need to spend time at the trailhead fiddling with grip wax, and you can be confident that even if conditions change you will still have perfect kick. A tapered wax zone prevents snow buildup at the front of the skin, and keeps the ski gliding kilometer after kilometer.

RACE & ACTIVE CLASSES

We all have different goals in skiing. Some people enjoy the thrill of competition while others enjoy experiencing nature's beauty at a more relaxed pace. Some people have been skiing for years, others are stepping on skis for the very first time.

Regardless of what your goals are, it's important to be mindful of them while selecting your next pair of skis. That's why we've created two different classes to easily categorize the different ski models in our product line and help you make the right decision.

The idea is simple: Race Class for people who are comfortable on their skis and are looking for more competition-focused performance, and Active Class for people who are still improving their skills or are looking for a more relaxed day on the trails.

MODEL	SIDECUT	CAMBER	SKIN AREA	SKIN DEPTH	SKIN TYPE
REDLINE	Race	Race	Short	Race	100% Mohair
RACE PRO	Race	Race	Short	Race	70% Mohair, 30% Nylon
RACE PRO JR	Race	Race	JR	Race	70% Mohair, 30% Nylon
RACE SPEED	Race	Race	Short	Active	70% Mohair, 30% Nylon
ENDURANCE	Race	Active	Long	Active	70% Mohair, 30% Nylon
ACTIVE PRO	Race	Active	Long	Active	70% Mohair, 30% Nylon
ACTIVE	Active	Active	Long	Active	70% Mohair, 30% Nylon
ACTIVE JR	Active	Active	JR	Active	70% Mohair, 30% Nylon
NORDIC PRO	Active	Active	Long	Active	70% Mohair, 30% Nylon
NORDIC	Active	Active	Long	Active	70% Mohair, 30% Nylon
RACELIGHT JR	Active	Active	JR	Active	70% Mohair, 30% Nylon
FJELLTECH	Active	BC	Long	Active	70% Mohair, 30% Nylon
PANORAMA	BC	BC	Transition	Transition	70% Mohair, 30% Nylon

INTELLIGRIP® TRANSITION SKIN

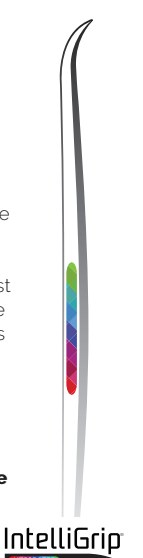
Built for the mountains! Madshus IntelliGrip® Transition skin skis feature a recessed insert which anchors the front of the skin in place and allows for easy swapping and custom the skin to suit all skiers, conditions and skill levels. The use of a recessed insert ensures a smooth transition between gliding surface and skin which improves glide and prevents icing under the ski. IntelliGrip® Transition skin skis maintain all the benefits of traditional skin ski, but with more flexibility. This makes these skis the perfect choice for off-piste adventures!



INTELLIGRIP® INTEGRATED SKIN

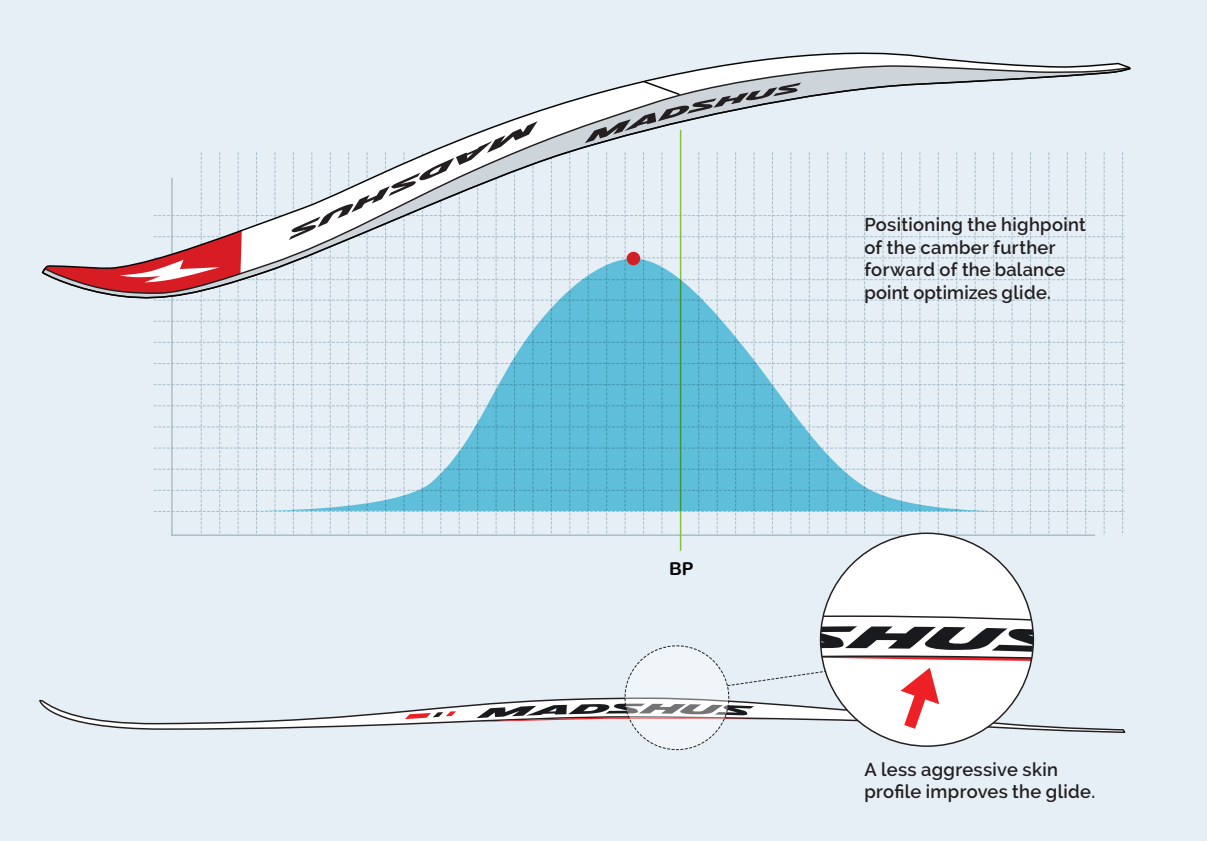
Provides optimized grip and glide for skiers on groomed trails by adapting to your individual technique, the terrain and snow conditions. The progressive skin profile ensures optimal grip and glide in all conditions by tapering the skin insert at the front and back of the grip zone, just like you would do with traditional kick wax. The specially formulated Mohair and nylon ensures long lasting grip and glide and will avoid icing. IntelliGrip® Integrated skin is also replaceable thanks to a specially formulated hot melted glue application.

Let us worry about optimizing kick and glide so you can focus on Simply Skiing!



RACE CLASS

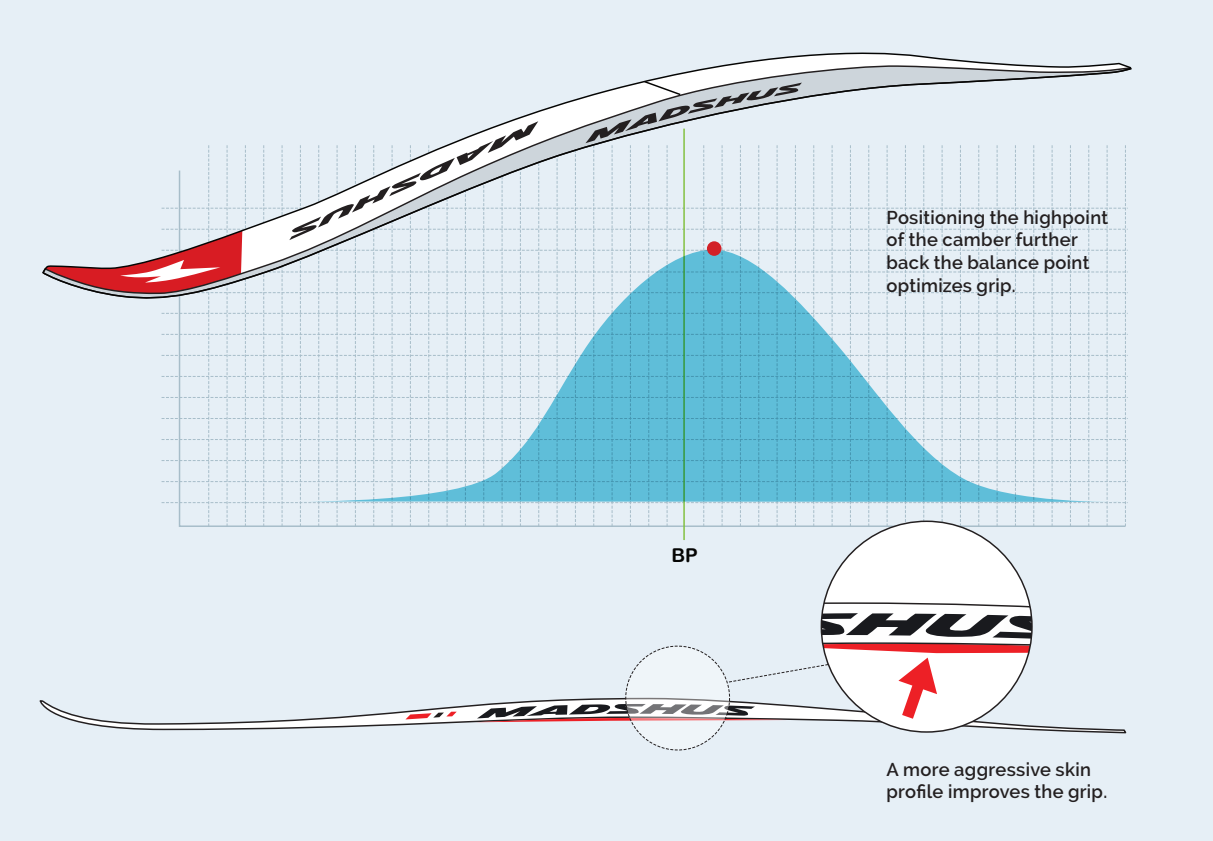
The principle is simple, but the devil is always in the details. The differentiation between our Race and Active Classes is the result of many subtle changes which prioritize either grip or glide. In our Race Class skis, the camber is shifted further forward than on Active Class skis. This significantly improves performance during double pole, an important technique for stronger skiers, by making the ski more sensitive to the location of force application. The downside is that the skier must be able to ski with their weight forward and apply force through the front of their foot to get grip. This will provide the most enjoyable skiing experience for skiers with good technique.



MODEL	SIDECUT	CAMBER	SKIN AREA	SKIN DEPTH	SKIN TYPE
REDLINE	Race	Race	Short	Race	100% Mohair
RACE PRO	Race	Race	Short	Race	70% Mohair, 30% Nylon
RACE PRO JR	Race	Race	JR	Race	70% Mohair, 30% Nylon
RACE SPEED	Race	Race	Short	Active	70% Mohair, 30% Nylon

ACTIVE CLASS

In our Active Class skis, the wax zone is shifted further back, and the highest point of the wax pocket is positioned underfoot. This provides extremely predictable and secure grip while striding, but may result in slight contact between snow and the IntelliGrip® skin when your weight is shifted to the balls of your feet, such as while double poling dynamically. Don't expect any unwanted drag on downhills though, because when your weight is shared between both skis and centered underfoot – such as when in a tuck – the skin will be off the snow and free to glide!



MODEL	SIDECUT	CAMBER	SKIN AREA	SKIN DEPTH	SKIN TYPE
ENDURANCE	Race	Active	Long	Active	70% Mohair, 30% Nylon
ACTIVE PRO	Race	Active	Long	Active	70% Mohair, 30% Nylon
ACTIVE	Active	Active	Long	Active	70% Mohair, 30% Nylon
ACTIVE JR	Active	Active	JR	Active	70% Mohair, 30% Nylon
NORDIC PRO	Active	Active	Long	Active	70% Mohair, 30% Nylon
NORDIC	Active	Active	Long	Active	70% Mohair, 30% Nylon
RACELIGHT JR	Active	Active	JR	Active	70% Mohair, 30% Nylon
FJELLTECH	Active	BC	Long	Active	70% Mohair, 30% Nylon
PANORAMA	BC	BC	Transition	Transition	70% Mohair, 30% Nylon

IntelliGrip
INTEGRATED

FJELLTECH SERIES

The Fjelltech series is the perfect do-it-all ski for those looking to enjoy both groomed and light backcountry conditions. All skis feature steel edges, an integrated IntelliGrip® skin and a touring ski camber to ensure you have the grip and control you expect from a traditional backcountry ski. What sets FjellTech skis apart from other multifunctional

skis is the geometry – this ski fits in classic tracks! Through careful material choice and sidecut selection we've created a ski that provides confidence on downhills and feels ready to tackle all-day tours through firm, untracked terrain while at the same time maintaining a skinny profile for cruising around your local trails.

IntelliGrip
TRANSITION

PANORAMA SERIES

Panorama skis feature our new IntelliGrip® Transition system, providing increased flexibility and making these skis perfect for taking on the mountain. Winter conditions change fast, and it's critical to have gear you trust. A rock-solid product that can handle uphill, downhill, and flat terrain, the Panorama series of skis will help you explore nature and discover your own panorama.



Photo: www.christianwitig.com

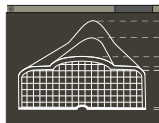




SKIS OVERVIEW

MADSHUS RED	INTELLIGRIP®	CLASSIC	SKATE	BACK COUNTRY
Redline 3.0 Skate F2	Race Pro IntelliGrip®	Race Pro Classic	Race Pro Skate	Fjelltech M50 IntelliGrip®
Redline 3.0 Skate F3	Race Speed IntelliGrip®	Race Speed Classic	Race Speed Skate	Fjelltech M44 IntelliGrip®
Redline 3.0 Classic Cold	Endurace IntelliGrip®	Endurace Classic	Endurace Skate	Panorama M68 IntelliGrip® Transition
Redline 3.0 Classic Warm	Active Pro IntelliGrip®	Active Classic	Active Pro Skate	Panorama M62 IntelliGrip® Transition
Redline 3.0 IntelliGrip®	Active IntelliGrip®	Race Pro Classic Jr	Active Skate	Panorama M55 IntelliGrip® Transition
Redline Double Pole	Nordic Pro IntelliGrip®	Active Universal Jr	Race Pro Skate JR	Panorama M50 IntelliGrip® Transition
Redline 3.0 Classic JR	Nordic IntelliGrip®	Butterfly Wax	Active Skate JR	
Redline 3.0 Skate JR	Race Pro IntelliGrip® JR	Butterfly MG		
	Active IntelliGrip® JR	Racelight Wax		
	Racelight IntelliGrip®	Racelight MG		
		Snowpup 85		

Overview Ski Technology



CAD DESIGN The ability to model incredibly complex 3D designs allows us to minimize weight and tune material stiffness for optimal torsional rigidity and longitudinal flex.



PR100X CORE A high-performance Rohacell foam core with extreme strength-to-weight characteristics and excellent damping qualities. Pre-formed to our 3D shape and reinforced with triaxial braiding, to maximize strength, optimize stiffness, and save weight.



EMPOWER™ INTELLICHIP An internal NFC chip embedded in the core providing access to data about each ski's internal properties and measurements.



POLYCELL CORE A PU-based foam core providing lightweight consistency and excellent damping. Pre-formed to our 3D-shape and reinforced with carbon and fiberglass to guarantee the maximum performance and ski feel.



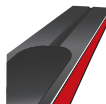
3D CONSTRUCTION A unique manufacturing process creates our specific 3D surface geometry, based on our CAD design process.



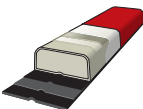
PAULOWNIA CORE Paulownia is a farm raised light-weight wood core material with consistent material qualities. The core is surrounded by lightweight carbon and glass reinforcements to add strength and stiffness, optimizing durability and performance.



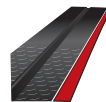
TRIAXIAL CONSTRUCTION Interlocking strands of fiberglass and carbon fiber surround the entire core, producing excellent torsional rigidity and strength with light weight and a lively response.



INTELLIGRIP® INTEGRATED SKIN The IntelliGrip® Skin is integrated into the base, providing great glide along with strong grip, making classic skiing even easier. The progressive skin profile, and our unique mix of Mohair and nylon ensure optimal grip and glide in all conditions.



TORSION CAP CONSTRUCTION A reinforced core, covered by a cap, creates a very durable and lightweight construction, and provides tremendous versatility in targeting specific camber and flex characteristics.



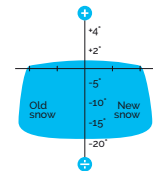
MULTIGRIP BASE The MultiGrip base provides stable and confident bilateral grip without sacrificing ski glide and performance.



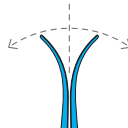
TUNED DYNAMIC RESPONSE A new special layout of carbon combined with a synchronized camber profile provides exceptional return of energy while optimizing the glide surfaces of the ski through the entire push-off phase, improving the feel for the snow feel while retaining the speed.



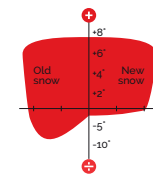
MADSHUS EMPOWER From manufacturing all the way to the end-user, the internal RFID chips embedded in the cores of our empower™ skis provide access to a wealth of data. With the Madshus empower™ app, customers can access ski prep tools like our wax helper, watch videos, or engage with our GPS-enabled workout tracker.



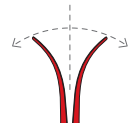
COLD SKIS The optimal range of operation is from +1 degrees Celsius to colder temperatures.



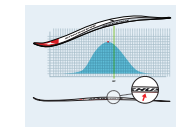
SPEED TIP COLD An elongated low angle splay built specifically to shorten the pressure zone for wet, dirty, and soft snow conditions, while maintaining floatation, control, and speed.



WARM/PLUS SKIS The optimal range of operation is from -3 degrees Celsius to warmer temperatures.



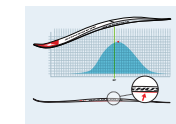
SPEED TIP PLUS A splay built specifically to shorten the pressure zone for wet, dirty, and soft snow conditions, the Madshus Speed Tip Plus helps you float over soft snow and maintain your glide more efficiently.



INTELLIGRIP RACE CLASS With a less aggressive skin profile than the Active Class models and a camber adjusted to shift the wax pocket slightly forward, the Race class models feature significantly improved glide for double-poling while still providing reliable grip for striding.



JAVELIN TIP The forebody features a precisely positioned wide-point with a distinct javelin tip profile. Material thickness at the tip and tail is increased in harmony with the profile to ensure high riding glide and great floatation.



INTELLIGRIP ACTIVE CLASS These skis feature a more aggressive skin profile and a camber adjusted to shift the wax pocket further back with the highest point of the wax pocket positioned under the foot, a combination that provides extremely predictable and secure grip for striding.

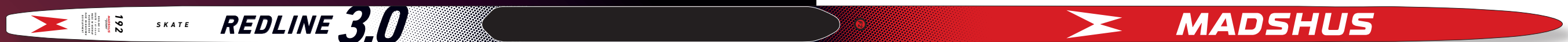


Everyone in our sport benefits from nature's beauty, which is why Madshus is working hard to minimize our effect on the environment that we all hold so dear. Skis marked with the "Fluor Free Ski Bases" logo indicate exactly that: a ski which does not use fluorocarbons in the base material.

REDLINE 3.0

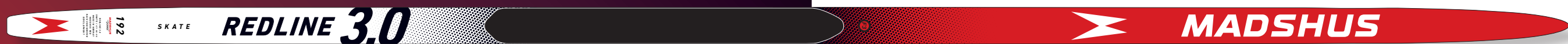
SKATE

NEW


**RED
LINE
F2**

F2 for harder, faster ski conditions. Longer pressure zones and a longer groove to improve stability and maximize top end speed.

NEW


**RED
LINE
F3**

F3 for slower, softer conditions. Shorter pressure zones and a revolutionary back-only groove.

REDLINE 3.0 SKATE F2 & F3

Our skate skis have received new names to bring them in line with the naming convention we've used previously in our racing department. F2 for harder, faster ski conditions and F3 for slower, softer conditions. This might seem like an insignificant change, but it represents the ethos of what Redline is all about: using top caliber racing to inform our engineering decisions and provide the fastest skis possible.

Both models feature **Tuned Dynamic Response** technology to provide phenomenal energy return and maintain optimal gliding surfaces throughout the entire duration of the ski push – improving snow feeling and maintaining speed. Between the two models the F2 is designed with longer pressure zones and a longer groove to improve stability and maximize top end speed, while the F3 is built to have shorter pressure zones and a revolutionary back-only groove. This design truly excels in softer or slower snow where it often feels like you need to switch to offset (V1) technique to maintain momentum. By removing the groove in the front pressure zone, it is now easier to turn the ski onto edge in the correct position for efficiently maintaining double skate (V2) further into uphill.

Item: N20008
Redline 3.0 Skate F2
Length: 172-192 RSL/5
Sidecut: 41-44-44

Weight: 950gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction.
Base: P300 Nano.

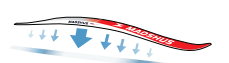
Camber: Skate Medium/
Madshus Speed Tip Cold.
Binding plate: NIS 7.
Javelin tip.

MADSHUS
empower™


Item: N20009
Redline 3.0 Skate F3
Length: 172-192 RSL/5
Sidecut: 41-44-44

Weight: 950gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction.
Base: P300 Nano.

Camber: Skate Medium/
Madshus Speed Tip Cold.
Binding plate: NIS 7.
Javelin tip.

MADSHUS
empower™

**FLUOR
FREE**
SKI BASES

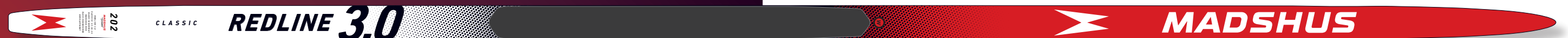
REDLINE 3.0 CLASSIC

NEW

RED
LINE
COLD

Designed for hardwax conditions and has longer pressure zones optimized for colder snow.

NEW

RED
LINE
WARM

Designed for klister conditions and has shorter pressure zones optimized for warmer snow.

REDLINE 3.0 CLASSIC COLD & WARM

The two new classic offerings fill the same needs as our previous models, but the way they do this is totally new. Our Cold ski is still designed for hardwax conditions and still has longer pressure zones optimized for colder snow while our Warm ski is still designed for klister conditions and still has shorter pressure zones optimized for warmer snow. However, unlike in previous years where camber has been used to alter the "effective stiffness" of our skis, we have now taken an approach of altering the material laminates as well to better express the ski qualities and improve performance.

Just as important as changing this approach to ski construction we've also changed our approach to camber design to better serve the needs of the racing world. Double poling is a critical aspect of modern skiing, and the Redline 3.0 classic skis reflect this. A successful racing ski will provide near-frictionless glide in double pole, and bomber kick during striding. We've sought to achieve this by focusing on the dynamic properties of the ski, looking at the ski response through the whole loading phase from below half of skier-weight all the way up to over full skier-weight. Our Empower system provides this data and allows you to not only view the camber height at half weight and full weight, but everything in between as well! This is critical because knowing, and controlling, how the ski deforms over that whole range of loads provides meaningful information about whether the ski collapses too quickly and will drag or too slowly and will be difficult to get kick.

Item: N20002
Redline 3.0
Classic Cold
Length: 182-207/5
Sidecut: 43-44-44

Weight: 900gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction
Base: P300 Nano

Camber: Classic Low/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0

MADSHUS
empower™

Item: N20003
Redline 3.0
Classic Warm
Length: 182-207/5
Sidecut: 43-44-44

Weight: 900gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Plus Construction
Base: P300 Nano

Camber: Classic High/
Madshus Speed Tip Plus
Binding plate: MOVE™ 3.0

MADSHUS
empower™



Rottfella MOVE™ 3.0 allows you to move your bindings on the fly. With a simple twist of the MOVE™ 3.0 binding your skis can be optimized to provide more grip or more glide. For the first time you can adapt skis to your performance level, the terrain, and the snow conditions all at a moment's notice.

**FLUOR
FREE**
SKI BASES

REDLINE 3.0 INTELLIGRIP®

NEW



**RED
LINE**
**INTELLI
GRIP®**

Provides optimized grip and glide for skiers on groomed trails by adapting to your individual technique, the terrain and snow conditions.



IntelliGrip
INTEGRATED

REDLINE 3.0 INTELLIGRIP

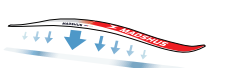
The IntelliGrip® variant in our Redline series features the same construction as our Classic Warm ski. The extra reinforcing carbon provides a more dynamic ski which is perfect for modern skin skis. A member of our Race Class, this ski has an extra-recessed skin, and this is the only ski that comes standard with a skin that is 100% Mohair. For skiers with good technique, who are looking to go fast, there's no better skin ski than the Redline 3.0 IntelliGrip®.

Item: N20007
Redline 3.0 IntelliGrip
Length: 182-207/5
Sidecut: 43-44-44

Weight: 950gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction
Base: P300 Nano & 100%
Mohair

Camber: Classic Medium/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0

MADSHUS
empower™



Rottfella MOVE™ 3.0 allows you to move your bindings on the fly. With a simple twist of the MOVE™ 3.0 binding your skis can be optimized to provide more grip or more glide. For the first time you can adapt skis to your performance level, the terrain, and the snow conditions all at a moment's notice.

**FLUOR
FREE**
SKI BASES

REDLINE 3.0

DOUBLE POLE

NEW



REDLINE 3.0 DOUBLE POLE

The Madshus DP Series is optimized for double pole racing. All double pole skis use slightly modified geometry and materials from our skate skis and are optimized to maintain momentum and maximize speed while skiing in the track, the most important qualities in long-distance marathon racing. For your next marathon you can relax on the starting line knowing you've got the best skis for the job.

Item: N20004
Redline 3.0 Double Pole
Length: 192
Sidecut: 41-44-44

Weight: 950gr/192cm (pair)
Core: PR 100X & Triaxial
Carbon Construction
Base: P300 Nano

Camber: Skate Medium/
Madshus Speed Tip Cold.
Binding plate: NIS 7

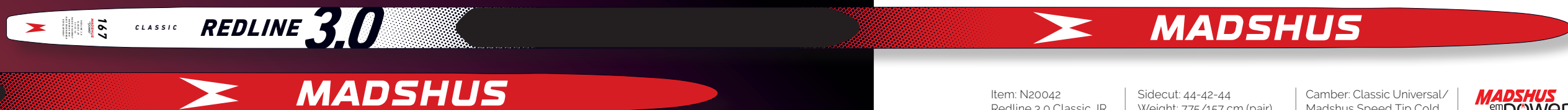
MADSHUS
empower



FLUOR
FREE
SKI BASES

REDLINE 3.0 JUNIOR

NEW



REDLINE 3.0 CLASSIC JR

The Redline Classic JR features construction methods and materials found on the top world cup skis. Designed to better fit the body size and weight of junior athletes, this is a proper racing ski for ambitious athletes looking to develop their speed and skill.

Item: N20042
Redline 3.0 Classic JR
Length: 147-177/10,
172, 182

Sidecut: 44-42-44
Weight: 775/157 cm (pair)
Core: PR90 & Triaxial Carbon
Base: P300 Nano

Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: JR/7

MADSHUS
empower™

NEW



REDLINE 3.0 SKATE JR

The Redline Skate JR keeps skiing simple with a camber designed to excel in all snow conditions. Designed to better fit the body size and weight of junior athletes, this is a proper racing ski for ambitious athletes looking to develop their speed and skill.

Item: N20049
Redline 3.0 Skate JR
Length: 142-172/5 RSL

Sidecut: 41-44-44
Weight: 775/157 cm (pair)
Core: PR90 & Triaxial Carbon
Base: P300 Nano

Camber: Skate Universal/
Madshus Speed Tip
Binding plate: JR/7

MADSHUS
empower™

FLUOR
FREE
SKI BASES

INTELLIGRIP® SERIES

IntelliGrip Integrated skin skis provide optimized grip and glide regardless of performance level, the terrain, or snow conditions. These skis accomplish this by integrating a progressive skin profile which easily glides in one direction but has hairs which stand up and provide grip when pushed in the other direction. The progressive skin profile means that the front and rear of the skin are

recessed even further into the base than the middle, which is important in reducing unwanted contact between the skin and snow while gliding while simultaneously not sacrificing grip directly underfoot. Thanks to a hot melted glue application the IntelliGrip Integrated skin is replaceable. Let us worry about optimizing kick and glide so you can focus on Simply Skiing!



RACE PRO INTELLIGRIP®

Is a Race Class ski which features a shorter skin than touring and training models. This, coupled with a higher camber, will provide better glide and reward skiers who can deliver a more active and forward kick. The IntelliGrip® Integrated skin is made of 70% mohair and 30% nylon, and gives the perfect combination of grip, glide, and durability.

Item: N19107
Race Pro IntelliGrip®
Length: 182-207/5
Sidecut: 43-44-44

Weight: 1000gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction
Base: P200 Nano Universal +
Mohair mix

Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0

MADSHUS
empower™

IntelliGrip
INTEGRATED



RACE SPEED INTELLIGRIP®

Features geometry inspired by our successful racing department, and construction which puts an emphasis on providing exceptional grip without compromising on glide. This is a light-weight and durable ski which is well suited to everyday training and racing. The IntelliGrip® Integrated skin is made of 70% mohair and 30% nylon, which works in nearly all conditions. This means you no longer need to apply klistor or kick wax and can spend more time skiing!

Item: N19257
Race Speed IntelliGrip®
Length: 182-207/5
Sidecut: 43-44-44

Weight: 1050gr/187cm (pair)
Core: PR90 & Triaxial Carbon
Construction
Base: P200 Nano Universal +
Mohair mix

Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0

MADSHUS
empower™

IntelliGrip
INTEGRATED



Rottefella MOVE™ 3.0 allows you to move your bindings on the fly. With a simple twist of the MOVE™ 3.0 binding your skis can be optimized to provide more grip or more glide. For the first time you can adapt skis to your performance level, the terrain, and the snow conditions all at a moment's notice.



ENDURANCE INTELLIGRIP®

Is designed to go the distance on epic weekend tours, and the lightweight construction ensures it can still handle fast-paced workouts too. The camber profile creates a responsive ski which will provide consistent, solid grip all day long, even as the body begins to fatigue. The IntelliGrip® Integrated skin made of 70% mohair and 30% nylon works in nearly all conditions. This means you no longer need to apply klister or kick wax and can spend more time skiing!

Item: N19297
Endurance IntelliGrip®
Length: 182-207/5
Sidecut: 43-44-44

Weight: 1150gr/187m (pair)
Core: Polycell & Torsion
Cap 3D
Base: P190 Nano Universal
+ Mohair mix

Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0



ACTIVE PRO INTELLIGRIP®

Is designed for groomed track touring and training and features a durable construction which emphasizes exceptional grip to keep you going strong all day long. As a member of our IntelliGrip® Integrated skin series, the 70% mohair, 30% nylon skin works in nearly all conditions. This means you no longer need to apply klister or kick wax and can spend more time skiing!

Item: N19377
Active Pro IntelliGrip®
Length: 182-207/5
Sidecut: 43-44-44

Weight: 1150gr/187m (pair)
Core: Polycell & Torsion
Cap 3D
Base: P170 Nano Universal
+ Mohair mix

Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0



NEW



ACTIVE INTELLIGRIP®

Designed for easy handling and solid all-around performance, the Madshus Active IntelliGrip® utilizes a mohair and nylon skin to provide consistent, reliable grip and improved glide—all without the need for kick wax or klister!

Item: N20344
Active IntelliGrip®
Length: 180-210/5

Sidecut: 44-42-43
Weight: 1150/190cm (pair)
Core: Paulownia Carbon
Hybrid & Torsion Cap

Base: P-Tex 2000 Electra +
Mohair mix
Binding plate: NIS 7
Tailprotector



NORDIC PRO INTELLIGRIP®

Featuring a slightly wider construction and a sidecut perfectly suited to maximize stability, the Nordic Pro IntelliGrip® is designed for touring and recreation. As a member of our IntelliGrip® series, the 70% mohair, 30% nylon skin works in nearly all conditions. This means you no longer need to apply klister or kick wax and can spend more time skiing!

Item: N19487
Nordic Pro IntelliGrip®
Length: 177-207/5

Sidecut: 47-44-46
Weight: 1175gr/187cm (pair)
Core: Polycell & Torsion
Cap 3D

Base: P170 Nano Universal
+ Mohair mix
Binding plate: MOVE™
3.0 3.0





NORDIC INTELLIGRIP®

The Madshus Nordic IntelliGrip® is a touring ski designed with beginner and intermediate skiers in mind. Skiing will be easy with a sidecut specifically chosen to improve stability, and you don't even need to worry about kick wax as our mohair and nylon IntelliGrip® skin ensures you always have comfortable grip and good glide.

Item: N19447 Nordic IntelliGrip® Length: 180-210/5	Sidecut: 48-44-46 Weight: 1220/190cm (pair) Core: Paulownia Carbon Hybrid & Torsion Cap 3D	Base: P-Tex 2000 Electra + Mohair mix Binding plate: NIS 7	MADSHUS empower™	IntelliGrip INTEGRATED
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RACE PRO INTELLIGRIP® JR

Featuring race-oriented construction and our successful IntelliGrip® skin, the Race Pro IntelliGrip® JR is the perfect junior ski for training and racing. A high-speed race base ensures the ski has great glide, and the 70% mohair, 30% nylon skin takes care of grip in all conditions. This ski is a great choice for any junior as it allows them to spend more time skiing and less time waxing.

Item: N19147 Race Pro IntelliGrip® JR Length: 147-177/10, 172	Sidecut: 44-42-44 Weight: 800/162cm (pair) Core: Torsion cap 3D, Plycell	Base: P190 Nano Universal + Mohair mix Binding plate: NIS JR/7	IntelliGrip INTEGRATED
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ACTIVE INTELLIGRIP® JR

Is perfect for young skiers looking for a classic ski that just works. Whether training, racing, or skiing for fun, the IntelliGrip® skin will provide junior skiers with reliable grip, good glide, and an enjoyable experience.

Item: N19812 Active IntelliGrip® JR Length: 120-170/10	Sidecut: 44-42-43 Weight: 875/160cm (pair) Core: Paulownia Carbon Hybrid & Torsion Cap	Base: P-Tex 2000 Electra + Mohair mix Binding plate: NIS JR	IntelliGrip INTEGRATED
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RACELIGHT INTELLIGRIP®

The New Madshus Racelight IntelliGrip® sets ambitious cross-country champions up for success in an affordable and kid-friendly package. The Racelight series features durable, lightweight construction and an easy-to-use binding plate. The IntelliGrip® skin makes it easier for a kid skier to have consistent kick and grip, while still maintaining glide.

Item: N19877 Racelight IntelliGrip® Length: 90-170/10	Sidecut: 48-48-48 Weight: 825/130cm (pair) Core: Multicore	Base: Polytex + Mohair mix Binding plate: NEMO SCR	IntelliGrip INTEGRATED
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CLASSIC SERIES

The Madshus Classic series features skis suitable for people of all experience levels and for all snow conditions found on groomed trails. The newest Redline skis feature the latest high-performance

technology, but with each passing year these race-tested improvements are passed down to more budget friendly models.



Rottefella MOVE™ 3.0 allows you to move your bindings on the fly. With a simple twist of the MOVE™ 3.0 binding your skis can be optimized to provide more grip or more glide. For the first time you can adapt skis to your performance level, the terrain, and the snow conditions all at a moment's notice.



RACE PRO CLASSIC

Shares materials and construction with our race-proven previous world cup skis. Redesigned geometry and a new sidecut help the Race Pro compete with the Redline 3.0, providing premium performance at a price that won't break the bank. The Race Pro is designed with a universal camber which excels in hardwax conditions, while still providing enough camber height to accept klister on those days where hardwax won't cut it.

Item: N19102
Race Pro Classic
Length: 182-207/5

Sidecut: 43-44-44
Weight: 1000gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction

Base: P200 Nano Universal
Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0

MADSHUS
empower™



RACE SPEED CLASSIC

Is a ski with geometry inspired by our successful racing department, and construction which puts an emphasis on providing solid grip without compromising on glide. The universal camber has been designed to work well in a wide range of snow conditions, which makes the Race Speed Classic a great choice as a lightweight, durable ski for everyday training and racing.

Item: N19252
Race Speed Classic
Length: 182-207/5

Sidecut: 43-44-44
Weight: 1050gr/187cm (pair)
Core: PR90 & Triaxial Carbon
Construction

Base: P190 Nano Universal
Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0

MADSHUS
empower™



ENDURANCE CLASSIC

Is the ideal choice for fast fitness workouts and long weekend tours. The camber and wax pocket design create a responsive ski which will keep providing good grip all day long, even as the body begins to fatigue. Designed for groomed trails, this ski features design elements from our top racing models at a more affordable price point.

Item: N19292 Endurance Classic Length: 182-207/5	Sidecut: 43-44-44 Weight: 1150gr/187cm (pair) Core: Polycell & Torsion Cap 3D	Base: P190 Nano Universal Camber: Classic Universal/ Madshus Speed Tip Cold Binding plate: MOVE™ 3.0	MADSHUS empower™
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ACTIVE CLASSIC

Is a lightweight classic ski for touring and training. This sidecut design is wider in the tip and tail, which emphasizes stability and makes this a great choice for comfortably and confidently exploring the trails.

Item: N19342 Active Classic Length: 180-210/5	Sidecut: 44-42-43 Weight: 1150/190cm (pair) Core: Paulownia Carbon Hybrid & Torsion cap	Base: P-TEX 2000 Electra Binding plate: NIS 7
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RACE PRO CLASSIC JR

Is a great option for juniors starting out in the sport of cross country skiing. The construction and camber are designed to maximize stability and grip, helping to improve confidence and allowing for all-day play. This not only makes skiing more fun, but it also helps skill progression and allows your junior to advance to the next level.

Item: N19142 Race Pro Classic JR Length: 147-177/10, 172	Sidecut: 44-42-44 Weight: 800/157cm (pair) Core: Polycell & Torsion Cap 3D	Base: P190 Nano Universal Binding plate: JR/7
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ACTIVE UNIVERSAL JR

Is a durable ski for young skiers who are new to the sport of cross country skiing. The special camber and geometry mean this ski can be used for both skate and classic skiing, and provides a great way for juniors to build their confidence and develop their skills.

Item: N19813 Active Universal JR Length: 120-170/10	Sidecut: 44-42-43 Weight: 875/160cm (pair) Core: Paulownia Carbon Hybrid & Torsion Cap	Base: P-TEX 2000 Electra Binding plate: JR
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BUTTERFLY WAX / BUTTERFLY MG

Gets your kids excited about cross-country skiing. The durable wood core and cap construction stand up to anything a kid could throw at it, and our kid-specific binding plate allows for quick and easy mounting and adjustments—perfect for little hands.

Item: N18856
Butterfly Wax

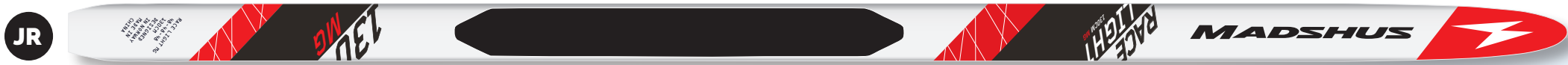
Length: 90-170/10
Sidecut: 48-48-48

Weight: 825/130cm (pair)
Core: Multicore (Wood) &
Torsion cap
Base: Polytex
Binding plate: NEMO SCR

Item: N18857
Butterfly MG

Length: 90-170/10
Sidecut: 48-48-48

Weight: 825/130cm (pair)
Core: Multicore (Wood) &
Torsion cap
Base: No Wax
Binding plate: NEMO SCR



RACELIGHT MG

Sets ambitious kids up for success and is both affordable and kid friendly. The Racelight series features durable, light-weight construction and an easy-to-use binding plate which makes for tons of winter fun.

Item: N19879
Racelight MG
Length: 90-170/10

Sidecut: 48-48-48
Weight: 825/130cm (pair)
Core: Multicore (Wood) &
Torsion cap

Base: No Wax
Binding plate: NEMO SCR



SNOWPUP 85

With wide and stable construction, the Snow Pup has a NoWax base for easy snowy exploration. We've included a Universal binding platform for season-to-season versatility that keeps up with growing feet. Make the Snow Pup your kid's first ski.

Item: N11881
Snowpup 85
Length: 85

Sidecut: 65-55-60
Weight: 825/85 cm (pair)
Core: ABS

Base: No Wax



SKATE SERIES

The Madshus Skate series contains models perfect for people of all skill levels to enjoy skate skiing. Race Pro, Race Speed, and Endurance all utilize knowledge gained from the development of our highly successful

Redline Carbon Skate and seek to wrap this into a more affordable package. This provides the highest performance possible at each price point, leaving you to focus on enjoying your time on snow.



RACE PRO SKATE

The ultimate example of trickle-down technology, the Race Pro Skate is the rebranded version of our former Redline Carbon Skate. With Olympic and World Cup victories on its resume, you know this is a seriously high-performance ski which is race proven at the highest level. Featuring a lower price point than the Redline 3.0, this ski is a more affordable way to maximize performance and achieve your goals. The ski is built using carbon to provide a powerful and dynamic push, as well as a world cup base so you can keep pace at the front. A camber profile designed for universal conditions makes this model a very versatile option for any ambitious racer.

Item: N19119
Race Pro Skate
Length: 172-192 RSL/5

Sidecut: 44-43-44
Weight: 1000gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction

Base: P200 Nano Universal
Camber: Skate Medium/
Madshus Speed Tip Cold
Binding plate: NIS 7

MADSHUS
empower™



RACE SPEED SKATE

The Race Speed Skate is perfect for conquering both raceday, and every day. Featuring a universal skate camber to handle all track conditions, race proven geometry and construction, and a world cup base, you can rest easy knowing the Race Speed Skate won't let you down.

Item: N19254
Race Speed Skate
Length: 172-192 RSL/5

Sidecut: 44-43-44
Weight: 1050gr/187cm (pair)
Core: PR90 & Triaxial Carbon
Construction

Base: P200 Nano Universal
Camber: Skate Universal/
Madshus Speed Tip Cold
Binding plate: NIS 7

MADSHUS
empower™



ENDURANCE SKATE

The Endurance Skate is a training and skate touring ski. A race-inspired geometry and sidecut make the ski stable at speed, providing maximum control. The lightweight and durable construction helps to reduce fatigue and improves your skiing experience.

Item: N19294 Endurance Skate Length: 172-192 RSL/5 Sidecut: 44-43-44	Weight: 1150gr/190cm (pair) Core: Polycell & Torsion Cap 3D Base: P190 Nano Universal	Camber: Skate Medium/ Madshus Speed Tip Cold Binding plate: NIS 7	MADSHUS empower™
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ACTIVE PRO SKATE

The Active Pro Skate has a specifically designed sidecut and radius which provide a more stable glide, perfect for the new skiers looking to improve their skiing experience. With more confidence on your skis you can now focus on generating an efficient push and developing a long, stable glide.

Item: N19373 Active Pro Skate Length: 172-192 RSL/5	Sidecut: 44-40-44 Weight: 1150/190cm (pair) Core: Polycell & Torsion Cap 3D	Base: P170 Nano Universal Camber: Skate Medium/ Madshus Speed Tip Cold. Binding plate: NIS 7	MADSHUS empower™
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ACTIVE SKATE

Designed for easy handling and solid all-around performance, the Madshus Active Skate will speed up your learning curve and get you enjoying skiing as fast as possible, while still keeping up with your inevitable skill progression. The improved confidence that beginner and intermediate skiers receive will result in a more efficient and dynamic push, as well as a longer and more comfortable gliding phase.

Item: N20343 Active Skate Length: 170-195/5	Sidecut: 44-40-44 Weight: 1150/190cm (pair) Core: Paulownia Carbon Hybrid & Torsion cap	Base: P-TEX 2000 Electra Binding plate: NIS 7 Tailprotector	NEW
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RACE PRO SKATE JR

The Race Pro Skate JR ski is a great option for juniors starting out in the sport of cross country skiing. The construction and materials used are the same as in our senior models, but the geometry is adjusted for the proportions and weight of junior skiers. Emphasis is placed on stability, which improves confidence and control on skis. This not only makes skiing more fun, but it also helps skill progression and allows your junior to advance to the next level.

Item: N19149 Race Pro Skate JR Length: 142-167/5 RSL	Sidecut: 44-43-44 Weight: 800/160 cm (pair) Core: Polycell & Torsion Cap 3D	Base: P190 Nano Universal Binding plate: NIS JR/7	
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ACTIVE SKATE JR

The Active Skate JR is perfect for youth skiers interested in starting skating. Featuring durable construction and geometry suited to younger skiers' size and weight, this ski will stand up to any rambunctious junior as they train, race, and have fun.

Item: N19814 Active Skate JR Length: 120-160/10	Sidecut: 44-42-43 Weight: 875/160cm (pair) Core: Paulownia Carbon Hybrid & Torsion cap	Base: P-TEX 2000 Electra Binding plate: NIS JR	
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BACK COUNTRY SERIES



FJELLTECH M50 INTELLIGRIP®

A do-it-all Nordic touring ski with an integrated IntelliGrip® skin. The 50mm waist is the wider of the two Fjelltech offerings, leading to a more stable and controllable ski. This ski is still skinny enough to cruise the classic tracks, and like its brother is ready to hop off into the backcountry at a moment's notice. No matter which adventure you choose, in track or off-piste, the Integrated IntelliGrip® skin will be there to ensure you always have secure kick and a smooth glide.

Item: N19967
Fjelltech M50 IntelliGrip®
Length: 180, 190, 195, 205

Sidecut: 60-50-55
Weight: 1690/205cm (pair)
Core: Pauownia glass & Triaxial Cap

Base: P-Tex 2000 Electra
+ Mohair mix
Binding plate: NIS 7

IntelliGrip
INTEGRATED



FJELLTECH M44 INTELLIGRIP®

This ski will conquer it all. From groomed and tracked skiing to firm off-track terrain, all while providing excellent control in icy conditions due to the steel edge. The Integrated IntelliGrip® skin will ensure a secure kick and a smooth glide.

Item: N19968
Fjelltech M44 IntelliGrip®
Length: 180, 190, 195, 205

Sidecut: 54-44-49
Weight: 1660/205cm (pair)
Core: Pauownia glass & Triaxial Cap

Base: P-Tex 2000 Electra
+ Mohair mix
Binding plate: NIS 7

IntelliGrip
INTEGRATED



PANORAMA M50

Is the narrowest ski in our Panorama line. The thinner profile is perfect for firmer snow conditions where less surface area is needed to keep the ski riding above the snow. The M50 is unique in the Panorama line because it has a steel edge which starts at the forebody—this keeps the tip of the ski flexible and allows the ski to better absorb bumps and chatter. The ski is also IntelliGrip® Transition ready, so you can ski easy knowing that no matter the conditions you'll always have the right skis for the job.

Item: N19966
Panorama M50
IntelliGrip® Transition
Length: 180,190,195,205

Sidecut: 60-50-55
Weight: 1800/205cm (pair)
Core: Multicore (Wood) & Triaxial Cap

Base: P-TEX 2000
Electra & Skin Pocket



PANORAMA M55

Is right in the middle of our Panorama line of skis. This profile is a good option as an all-around backcountry ski and provides a good compromise between soft and firm snow making this model a good option as an all-around backcountry ski. The M55 features a steel edge which runs the entire length of the ski to provide maximum edge control in all conditions. The ski is also IntelliGrip® Transition ready, so you can ski easy knowing that no matter what the mountain throws at you, you'll always have the right skis for the job.

Item: N19940
Panorama M55
IntelliGrip® Transition
Length: 180,190,195,205

Sidecut: 68-55-62
Weight: 2088/205cm (pair)
Core: Multicore (Wood) & Triaxial Cap

Base: P-TEX 2000
Electra & Skin Pocket



PANORAMA M62

This model is an excellent choice in softer snow conditions where thinner skis would sink below the snow surface. The M62 features tourability/turnability camber and a steel edge which runs the entire length of the ski to provide maximum edge control and stability. The ski is also IntelliGrip® Transition ready, so you can ski easy knowing that no matter the conditions you'll always have the right skis for the job.

Item: N19930
Panorama M62
IntelliGrip® Transition
Length: 175,185,195,205

Sidecut: 83-62-70
Weight: 2400/205cm (pair)
Core: Multicore (Wood) & Triaxial Cap

Base: P-TEX 2000
Electra & Skin Pocket



PANORAMA M68

Is the widest in our Panorama line of skis, featuring an tourability/turnability camber. The M68 features a steel edge which runs the entire length of the ski to provide maximum edge control and stability. The ski is also IntelliGrip® Transition ready, so you can ski easy knowing that no matter the conditions you'll always have the right skis for the job.

Item: N20870
Panorama M68
IntelliGrip® Transition
Length: 165-195/10

Sidecut: 99-68-84
Weight: 2530/185 cm (pair)
Core: Multicore (Wood) & Triaxial Cap

Base: P-TEX 2000
Electra & Skin Pocket





BOOT OVERVIEW

MADSHUS RED	SKATE/ COMBI	CLASSIC	JUNIOR	BACK COUNTRY
Redline Skate	Race Pro Skate	Race Pro Classic	Redline JR	Glittertid
Redline Skiathlon	Race Speed Skate	Race Speed Classic	Race Pro JR	Vidda
Redline Classic	Endurace Skate	Endurace Classic	Raceline JR	
Redline JR	Race Speed Combi	Active Classic	Butterfly	
	Endurace Universal	Nordic Pro Classic		
	Race Pro JR	Nordic Classic		

Overview Boot Technology



REDLINE LAST: Anatomical last engineered for race fit, maximum control and performance.



POWER CUFF Carbon composite cuff 3D shaped to hold onto the ankle and lower leg to provide stability and power when skating and descending. Fits closer to the ankle than previous Madshus cuffs.



INTEGRATED CARBON BASE The 3D-molded Integrated Carbon Base transfers every ounce of power directly into the ski, with unparalleled stability. The one-piece base matches the contours of the foot, minimizing the amount of material between your foot and the ski for more direct drive.



MEMORY HEEL: Soft, memory foam heel construction conforms to the shape of your heel, whatever its shape, to comfortably hold and stabilize the foot for skiing.



FRONT FOOT FLEX Engineered for long, powerful classic striding, Madshus classic boots easily and comfortably bend forward from the ball of the foot, up into the toes.



REVO WRAP™ construction envelops the foot with a single piece upper. The materials conform to the foot with minimal seams, providing even pressure distribution. When tighten the laces, it pulls directly on the upper material connected to the outsole, which help delivers a snugger, more comfortable fit, leading to precise control of your skis.



MEMBRAN® SOFTSHELL Madshus boots feature MemBrain® softshell lace covers. This waterproof and breathable material helps keep the foot warm, dry and comfortable.



PVC-FREE In keeping with Madshus' commitment to protecting our climate, Madshus RED, Race, selected Backcountry- and Junior boots are designed for the best in fit and breathable performance, in a totally PVC-Free construction.



INTEGRATED COMPOSITE BASE connects the cuff to the binding with a single contoured part to increase power transfer, edge control, stability and acceleration.



LACING FINGERS reach far below the boot's visible lacing – wrapping the whole foot rather than just pulling the sides together at the tongue – to secure the foot laterally and medially with balanced tension. The result is improved heel hold and a better overall fit.



MADSHUS OUTSOLE They are truly designed in every aspect to perfectly fit with the upper portion of our lasted boots. Two color dual injection utilizing two different materials for better fit, and function. Red color is more durable, while the black is designed to better conform with your foot shape. Less temperature sensitive materials to help keep the flex of the sole more consistent, and natural. A better more complete bonding surface, between the upper, and outsole. Taking full advantage of our new shape you are able to get closer to the ski for a better feeling, added control, and stability.

Madshus Boot Series

Since beginning boot production in 2006, Madshus has continually pushed to introduce new boot technology into the market. This year is no different as our boots have been redesigned from the inside out to provide more efficient power transfer, improved stability, and even lower weight – all with the goal of improving performance. However, these things mean nothing if a boot isn't comfortable. This is the reason

why we have worked, at every stage of the process, to ensure our boots provide the best possible fit while keeping your feet warm and dry all day long.

The Redline series has received a full upgrade, while the Race Speed series (formerly Hyper RP series) delivers trickle-down technology and provides an option for race-quality equipment at a lower price point.

REDLINE BOOTS

REDLINE CLASSIC

The Redline Classic – performance and comfort in superlight construction. The Integrated Carbon Base has been adjusted to provide a performance fit for a wider range of feet. The carbon fiber layup is tuned for a spring-like classic flex in the forefoot, while providing torsional rigidity and heel hold like only a carbon composite can. The Redline Classic features the Memory Heel with memory foam to conform and hold even the most difficult-to-fit feet. Weighing in at only 320g, this boot will help you tackle even the most ambitious goals in comfort.

Item: N190400201
Redline Classic
Sizes: 37–48
1/2 size: 39.5–44.5

Base: Integrated with carbon heel counter
Outsole: Rottefella Xcelerator SSR.

Upper: MemBrain® softshell without fleece.



Integrated Carbon Base



Lacing Fingers



Membrain® Softshell



PVC Free



Memory Heel

REDLINE SKATE

Accelerate your skiing with the highest performance Madshus boot yet, the Redline Skate! Redline Skate boot has been engineered to provide even more stability, power and control. Weighing in at a mere 445g for a size 42, sporting a stiffer Power Cuff, and built on top of a totally new Redline Integrated Carbon Base, you can ski confidently, knowing that nothing is stopping you from achieving your goals.

Item: N190400101
Redline Skate
Sizes: 37–48
1/2 size: 39.5–44.5

Cuff: Redline Carbon Skate
Base: Integrated with carbon heel counter
Outsole: Rottefella F1

Upper: MemBrain® softshell without fleece.



Integrated Carbon Base



Lacing Fingers



Membrain® Softshell



PVC Free



Memory Heel



Power Cuff

REDLINE SKIATHLON

The Redline Skiathlon is built on the same new, 3D-shaped last as the Redline Skate. The Integrated Carbon Base and Power Cuff are designed to seamlessly handle the challenges of both skate and classic skiing, providing a platform for a powerful push, an effortless glide, and a comfortable kick. We recommend you try the Redline Skiathlon for marathon races – the increased support will help to prevent fatigue and keep you striding strong all the way to the finish.

Item: N190400301
Redline Skiathlon
Sizes: 37–48

Cuff: Redline Carbon Skate
Base: Integrated with carbon heel counter
Outsole: Rottefella F1

Upper: MemBrain® softshell without fleece.



Integrated Carbon Base



Lacing Fingers



Membrain® Softshell



PVC Free



Memory Heel



Power Cuff



REDLINE JR

Redline JR has the same high performance and sleek look as the Redline adult boots, but it is designed to work for both skating and classic. The Redline JR's MemBrain® Softshell is water-resistant and breathable, and internal lacing fingers provide a secure fit for full days of skiing. With the race-proven R3 sole, this boot will let your junior racer do it all! Pair the Madshus Redline JR ski boot with our Redline or Race Pro junior skis for an all-out junior racing ski package.

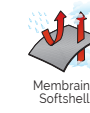
Item: N190401001
Redline JR
Sizes: 33–42

Cuff: Polyamide
Heel counter: Polyamide
Outsole: Madshus JR Performance

Upper: MemBrain® softshell



Lacing Fingers



Membrain® Softshell



PVC Free



JR



NEW

RACE PRO SKATE

A more affordable racing alternative to the flagship Redline Skate boot, the Race Pro line contains many of the same features as our top model, and therefore provides a level of performance you'd expect from a racing boot. The integrated power base reduces weight and improves stability and control, while a slightly more voluminous last means that this boot is also a good choice for skiers who find our Redline boot too tight, or who require thicker socks or foot warmers to be comfortable.

Item: N200400401
Race Pro Skate
Sizes: 37-48
1/2 size: 39.5-44.5

Cuff: Redline Carbon Cuff
Base: Integrated with composite heel counter
Outsole: Madshus Elite (2 pc)

Upper: MemBrain® softshell w/fleece

Integrated composite base

Lacing Fingers

Membrain® Softshell

PVC Free



RACE SPEED SKATE

Race quality stability at an attractive price point, the full-length composite base and high cuff allow the Race Speed Skate boot to provide control and stiffness comparable with more expensive models. The MemBrain® softshell lace cover is water repellent and breathable to protect your feet from the elements. The tried and true R3 outsole completes the Race Speed boot, making for a formidable choice that you know will maintain performance and comfort all day long.

Item: N190400501
Race Speed Skate
Sizes: 35-48

Cuff: Polyamide
Heel Counter: Polyamide.
Outsole: Madshus Performance

Upper: MemBrain® softshell

Lacing Fingers

Membrain® Softshell

PVC Free



NEW

ENDURANCE SKATE

Step into the Endurance Skate for a stable, reliable boot that will keep your feet comfortable all day long. On the outside your feet will stay dry and comfortable thanks to the MemBrain® softshell lace cover, while on the inside the RevoWrap lacing system hugs your foot and maintains even pressure distribution, snugly holding your feet in the correct position to maintain proper technique while skating.

Item: N200400101
Endurance Skate
Sizes: 35-48

Cuff: Injected
Heel counter: Polyamide
Outsole: Madshus Performance

Upper: Revowrap™ MemBrain® softshell w/fleece

Revowrap® Technology

Membrain® Softshell

PVC Free

RACE SPEED COMBI

Balancing the needs of skate and classic boots is no easy task, but through careful prioritization of features we've created the Race Speed Combi – a boot that's as comfortable skating as it is in the track. The forefoot is flexible enough for pain-free classic striding, while a stiffer ankle brace provides the lateral support needed while skating. This is also a good option for people who desire more control than a typical classic boot, as the stiffer ankle will help with confidence on previously scary downhill.

Item: N190400601
Race Speed Combi
Sizes: 35-48

Cuff: Polyamide
Heel Counter: Polyamide
Outsole: Madshus Performance

Upper: MemBrain® softshell.

Lacing Fingers

Membrain® Softshell

Pvc Free



ENDURANCE U

Split down the middle, the Endurance U has cuff and ankle support of the old Hyper S skate boot and the forefoot of the Hyper C classic boot. This makes for a boot that sacrifices very little skating stability, yet still allows for pain-free classic skiing as the forefoot of the boot can flex with your foot. Add RevoWrap lacing and a MemBrain® soft-shell lace cover and you've got one boot that can be used for either skating or classic, your only challenge is deciding which to pick today.

Item: N200400301
Endurance U
Sizes: 35-48

Cuff: Injected
Heel counter: Polyamide
Outsole: Madshus Performance

Upper: Revowrap™ MemBrain® softshell w/fleece.

Revowrap® Technology

Membrain® Softshell

PVC Free



NEW

RACE PRO JR

The Race Pro JR Ski Boot has the same breathable and water-resistant MemBrain® softshell found in our adult boots. The hinged cuff provides stability and power transfer for skating and the forefoot flexes for classic striding. With the T4 outsole, the Race Pro JR boot has been engineered to provide versatility that will take young skiers the distance.

Item: N190401101
Race Pro JR
Sizes: 33-42

Cuff: Polyamide
Heel Counter: Polyamide
Outsole: Madshus JR Performance

Upper: Membrain® softshell

Lacing Fingers

Membrain® Softshell

Pvc Free



JR



NEW

RACE PRO CLASSIC

The Race Pro Classic has an even forefoot flex engineered for long, powerful strides. For long glides between each kick, the heel counter and lacing fingers stabilizes the foot, letting it relax and recover before starting the next stride. The PU-coated microfiber upper lets the foot breathe, while the waterproof and breathable MemBrain® softshell lace cover keeps the snow out for full days of training and racing.

Item: N200400501 Race Pro Classic Sizes: 35-48 1/2 size: 39.5-44.5	Heel counter: Race Pro Outsole: Madshus Race	Upper: MemBrain® softshell w/fleece Lacing Fingers
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Lacing
Fingers

Membrain®
Softshell

Pvc
Free



RACE SPEED CLASSIC

Stiff where you need it, flexible where you don't, the Race Speed Classic boot works with your foot to provide maximum stability in a classic boot, without sacrificing comfort. The comfort provided from the R3 outsole and Lacing fingers mean you'll be able to increase your stride length, improving your technique and getting more out of every stride.

Item: N190400401 Race Speed Classic Sizes: 35-48	Heel Counter: Polyamide Outsole: Madshus Performance	Upper: MemBrain® softshell w/fleece Lacing Fingers
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Lacing
Fingers

Membrain®
Softshell

Pvc
Free



NEW

ENDURACE CLASSIC

The Endurance Classic provides the comfort you need for hour after hour of classic skiing. The Torsion Box Tongue provides added stability, and our RevoWrap lacing pattern keeps your foot in place without uncomfortable rubbing or hotspots to ensure nothing holds you back while training and racing.

Item: N200400201 Endurance Classic Sizes: 35-48	Outsole: Madshus Performance	Upper: Revowrap™ MemBrain® softshell w/fleece
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Revowrap®
Technology

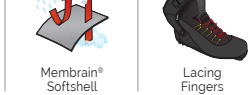
Membrain®
Softshell

Pvc
Free

ACTIVE CLASSIC

The Active Classic has a higher collar than our other models, providing an extra level of ankle support so you have the confidence to attack downhill with ease. A modified heel area also helps to further lock your foot in place, helpful for newer skiers who haven't yet built up their ankle strength. A flexible forefoot and waterproof, breathable lace cover mean you can ski comfortably all day long.

Item: N190400701 Active Classic Sizes: 35-48	Heel counter: PVC Outsole: T4v1a	Upper: MemBrain® softshell.
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Membrain®
Softshell

Lacing
Fingers



NORDIC PRO CLASSIC

The Nordic Pro features a stitched-on cuff for extra stability while skiing. The MemBrain® softshell lace cover – the same material used on our race boots – keeps you warm, dry and comfortable for long days in the forest, mountains or wherever your tours take you.

Item: N190400901 Nordic Pro Classic Sizes: 35-48	Cuff: Sticked on cuff Outsole: T4v1a Black	Upper: MemBrain® softshell.
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Revowrap®
Technology

Membrain®
Softshell



NORDIC

The new Nordic boot uses a stable and supportive construction to deliver a secure midfoot and rearfoot hold, and a smooth forefoot flex for hours of classic touring. The MemBrain® Softshell lace cover complements its quick-lacing eye stays for a secure, comfortable fit with breathability and water-resistance.

Item: N190400801 Nordic Classic Sizes: 35-48	Outsole: T4v1a Black.	Upper: Membrain® softshell
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Lacing
Fingers

Membrain®
Softshell



JR



RACELINE

The Raceline Kids' Ski Boot is the ticket to the top of the podium for first time junior skiers. The MemBrain® softshell keeps feet warm and dry, letting your junior focus their attention on honing their skiing skills.

Item: N190401201 Raceline Sizes: 25-40	Outsole: T4v1a/T4v1 JR Black.	Upper: Membrain® softshell.
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JR



BUTTERFLY

The girls' Butterfly Ski Boot was built to deliver comfort and value for aspiring skiers. With the same water-resistant and breathable MemBrain® softshell that's used in our adult line, your little skier will stay dry and warm during her winter explorations. This boot pairs seamlessly with the girl's Butterfly Ski.

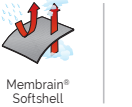
Item: N140400701 Butterfly Sizes: 25-37.	Outsole: T4v1a/T4v1 JR Black.	Upper: Membrain® softshell.
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GLITTERTIND

The Glittertind's enhanced heel hold works with the instep powerstrap, hinged cuff and new ratcheting cuff closure for confident ski control on long tours – on and off track. The tall Membrain® softshell lacecover keeps the snow out while the Thinsulate™ insulation keeps the heat in. Your feet will stay warm, dry, and comfortable throughout the journey. Pair the Glittertind with the new Back country skis.

Item: N180400901 Glittertind Sizes: 35-48. Cuff: C12 Injected.	Heel counter: C12 Injected Skate. Outsole: Rottefella BC.	Lace cover: Membrain® softshell. Upper: TPU with Thinsulate™. Lining Waterproof.
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VIDDA

With it's flexible forefoot and BC outsole, the Vidda helps you make long strides across new terrain; best for skiing hut-to-hut or while out exploring all day long. Out of the tracks, the enhanced heel-hold and external cuff keep you stable, while the Thinsulate™ insulation and waterproof lining keep you comfortable for the ride home. For hut-to-hut tours, we recommend that you pair the Vidda boot with the new Panorama or Fjelltech IntelliGrip® skis.

Item: N180401001 Vidda Sizes: 35-48.	Cuff: Stitched on cuff. Outsole: Rottefella BC.	Upper: PVC, TPU with Thinsulate™. Lining Waterproof.
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POLE OVERVIEW

RACING POLES

Race Pro
Pole

Race Pro
Pole Kit

Race Speed
Pole

Endurace
Pole

TOURING POLES

Active
Pole

Nordic
Pole

JUNIOR POLES

Race Pro JR
Pole

Racelight JR
Pole

Overview Pole Technology

NEW



HIGH MODULUS SHAFT Using 100% ultra high modulus carbon construction helps create a pole with increased stiffness and a reduced weight of 58 grams per meter. This results in an efficient, direct transfer of energy.



NEW RACE STRAPS With an even slimmer design of the all new Madshus race straps provides a snug fit that delivers secure and precise grip, superior power transfer and the comfort that elite racers and performance skiers expect.



CONTOUR CHAMPION STRAP The Madshus Contour Champion Strap uses material orientation and webbing extending to the wrist to prevent stretch, maximizing force transmission to get you to the finish line faster. The 3D-molded and 3D-heat-moldable shape works with the SuperGrip material to provide superior comfort and hand-hold.



NEW RACE HANDLE SYSTEM Madshus innovative race handle system features a fixed strap, preventing the strap from sliding and slipping during skiing, while at the same time allowing for easy adjustment whenever needed. Natural cork handle provides secure and precise grip, superior power transfer and the comfort that elite racers and performance skiers expect.



3D HEAT MOLDABLE The shape of the Madshus Contour straps is 3D-molded at the factory – like an orthotic for your hand – to securely hold onto the complex shape of your hand. The strap is flexible and heat-moldable to create a customized fit and the most efficient force transfer to the pole.



NEW TBS® BASKET SYSTEM The new TBS® basket system allows you to change the baskets on the spot and without tools, depending on the snow conditions. Dome-shaped baskets easily shed the snow, while an aerodynamic cross design provides optimal pendulum and swing balance. The TBS® basket system is developed by Swix, proven over time by their successful World Cup athletes and now manufactured under license by Madshus.

NEW

Madshus Pole Series

For 2020 we introduce new removable baskets (TBS®) and new strap- and handle technology to bring you the best experience and performance. Madshus ski poles are engineered to deliver the perfect balance of weight, stiffness and

durability. We realize that these properties must be balanced to create a ski pole that will succeed in the real world: whether that means racing on the World Cup or learning to ski for the first time.

NEW

RACE PRO POLE

All new Race Pro pole. 100% Ultra high modulus carbon shaft with unbeatable weight-to-stiffness-ratio. With a natural cork race handle and our new race strap, the Race Pro Pole delivers secure and precise grip, superior power transfer and the comfort that elite racers and performance skiers expect. The TBS® basket system allows you to change the baskets on the spot and without tools, depending on the snow conditions.

Item: N200900101
Length: 135-175 cm
(2.5cm interval).
Shaft: 100% Ultra
High Modulus
Carbon.
Tip diameter: 10mm.
Butt diameter: 16mm.

Strap: Madshus Race.
Basket: Small TBS®
with Tungsten
Carbide Tip.
Handle: Madshus
Race with soft natural
pressed cork.
Weight: 54 g/m

HIGH
MODULUS
SHAFTNEW RACE
HANDLENEW RACE
STRAPTBS®
BASKET

NEW

RACE PRO KIT

Item: N200900201
Length: 155cm and
175cm
Shaft: 100% Ultra
High Modulus
Carbon.
Tip diameter: 10mm.
Butt diameter: 16mm.

Strap: Madshus Race.
Basket: Small TBS®
with Tungsten
Carbide Tip.
Handle: Madshus
Race with soft natural
pressed cork.
Weight: 54 g/m

HIGH
MODULUS
SHAFTNEW RACE
HANDLENEW RACE
STRAPTBS®
BASKET

NEW

RACE SPEED POLE

All new Race Speed pole. 100% High modulus carbon shaft delivers durability and lightweight performance aimed at racer and recreational skiers looking for a high-quality pole with low swing weight. With a natural cork race handle and our new race strap, the Race Speed Pole delivers secure and precise grip, superior power transfer and the comfort that racers and performance skiers expect. The TBS® basket system allows you to change the baskets on the spot and without tools, depending on the snow conditions.

Item: N200900301
Length: 135-175 cm
(2.5cm interval).
Shaft: 100% High
Strength Carbon
Tip diameter: 10mm.
Butt diameter: 16mm.

Strap: Madshus Race.
Basket: Small TBS®
with Tungsten
Carbide Tip.
Handle: Madshus
Race with soft natural
pressed cork.
Weight: 69 g/m

HIGH
MODULUS
SHAFTNEW RACE
HANDLENEW RACE
STRAPTBS®
BASKET

NEW

ENDURANCE POLE

Strong, lightweight and durable, the all new Endurance pole is designed with a weight-to-stiffness-ratio for performance and recreational skiers. With a natural cork race handle and our new race strap, the Endurance Pole delivers secure and precise grip, superior power transfer and the comfort that racers and performance skiers expect. The TBS® basket system allows you to change the baskets on the spot and without tools, depending on the snow conditions.

Item: N200900401
Length: 135-175 cm
(5cm interval).
Shaft: 70% Carbon
Tip diameter: 10mm.
Butt diameter: 16mm.
Strap: Madshus
Race Fit.

Basket: Large TBS®
with Tungsten
Carbide Tip.
Handle: Madshus
Race with soft natural
pressed cork.
Weight: 85 g/m

HIGH
MODULUS
SHAFTNEW RACE
HANDLENEW RACE
STRAPTBS®
BASKET

NEW

ACTIVE PRO POLE

The all new Active Pro pole is developed for recreational skiers looking for performance and comfort. The Active Pro pole a stiff and reliable option for cost-conscious cross-country skiers. An ergonomic handle combined with our Contour race strap provides optimal power transfer and all-day comfort.

Item: N200900501
Length: 135-175 cm
(5cm interval).
Shaft: 40% Carbon.
Tip diameter: 9mm.
Butt diameter: 16mm.
Strap: Contour Race.

Basket: 9mm Race
(Soft Snow) with small
Tungsten Carbine Tip.
Handle: Race with
natural cork.
Weight: 87 g/m

CONTOUR
CHAMPION
STRAP3D HEAT
MOLDABLE

NEW

NORDIC POLE

The Madshus Nordic Ski Pole is a touring pole built to deliver value and performance at a bargain price. The Nordic is built with our signature Biathlon/Touring Strap that provides all-day comfort and function.

Item: N200900601
Length: 120-170 cm
(5cm interval).
Shaft: Carbon/Glass
Tip diameter: 10mm.
Butt diameter: 16mm.
Strap: Biathlon Strap

Basket: 10mm Race
(Soft Snow) with small
Tungsten Carbine Tip.
Handle: Cork Race,
natural cork.
Weight: 99 g/m

NEW

JR

RACE PRO JR POLE

The Race Pro Jr pole is a carbon racing pole for up-and-coming racers looking for a durable and light-weight performance pole. The natural cork race handle is designed for to fit junior skiers. Combined with the Contour jr strap, this pole offers the comfort, optimal power transfer and top performance that ambitious junior skiers expect. The TBS® basket system allows you to change the baskets on the spot and without tools, depending on the snow conditions.

Item: N200900701
Length: 100-150 cm
(5cm interval).
Shaft: 40% Carbon.
Tip diameter: 10mm.
Butt diameter: 16mm.
Strap: Contour JR.

Basket: Large TBS®
with Tungsten
Carbide Tip.
Handle: Cork Race,
natural cork.
Weight: 84 g/m

CONTOUR
CHAMPION
STRAP3D HEAT
MOLDABLETBS®
BASKET

NEW

JR

RACELIGHT JR POLE

The Racelight jr Pole features a full-cork handle for warmth and a junior-sized Madshus Biathlon/touring Strap that's both comfortable and easy to use.

Item: N200900801
Length: 70-125 cm
(5cm interval). Shaft:
100% Fiberglass.
Tip diameter: 10mm.
Butt diameter: 16mm.

Strap: JR Biathlon.
Basket: 10mm Race w/
small Tungsten tip.
Handle: Cork Race,
natural cork.
Weight: 94 g/m



PRODUCT OVERVIEW

ACCESSORIES
POLES
RECOMMENDED LENGTHS
REDLINE SKI TABLES
BOOTS
SKIS



SKI-, POLE - AND RIFLE BAGS



Ski Bag 1-2 Pairs
N1950505
Color: Black
213x14x14cm.
Ski bag for reliable gear protection, holds 2 pairs of skis up to 210cm. External compression straps. 600D*300D Polyester and YKK zipper.



Ski Bag 5-6 Pairs
N1950506
Color: Black
213x25x22cm.
Ski bag for reliable gear protection, holds 6 pairs of skis up to 210cm. External compression straps. 600D*300D Polyester and YKK zipper.



Ski Bag 15 Pairs
N1650508
Color: Red
213x38x29cm.
Ski bag for reliable gear protection. Holds up to 15 ski pairs. 600D Polyester Ripstop and YKK zippers.



Pole Bag
N1950504
Color: Black
183x15cm.
Fully padded pole bag. 600D Polyester Ripstop and YKK zipper.



Pole Bag
Hardcase
N1950514
600D*300D Polyester with PVC backing 100% Polyester



Rifle Bag
N1750500
Color: Red/Black
115x12x26.5cm.
600D Polyester Ripstop YKK zipper.

BACKPACK, TRAVEL, BOOT BAG

	Champion Backpack 12L N1950507 Color: Black	Light race backpack with pocket for hydration. Hidden rain cover. 210D Polyester Ripstop PU. 27x12x43 cm.		Madshus Backpack N1650513 Color: Red	Backpack for carrying ski gear, separate pockets for ski boots on both sides. 600D Polyester Ripstop and YKK zippers. Volume: 54L. 36x41x46,5cm.
	Race Day Backpack 40L N1850500 Color: Black	Versatile and durable backpack with spacious main compartment and large outer pockets. 600D Polyester Ripstop and YKK zippers. 41x17x53cm.		Boot Bag N1950508 Color: Black	Durable boot bag for one pair of boot. 600D Polyester Ripstop and YKK zipper. 32X23x23cm.
	Duffel Bag 65L N1950511 Color: Red 60X36x34cm.	Durable bag that can be carried as a standard duffel or a backpack with it's stow away shoulder straps. 600D polyester Ripstop and YKK zippers.		Travel Bag 100L N1850501 Color: Black	Reliable and durable travel bag with wheels. 600D Polyester Ripstop and YKK zippers. 38,5x32x82cm.

BELTS

	Drink Belt with Bottle N1950500 Color: Black 47x18cm.	Offset bottle design for easy access, with a small pocket for keys. 600D Polyester Ripstop and YKK zipper. BPA free.		Thermobelt N1950502 Color: Black 31x10x15.	Thermobelt with 1L insulated bottle that keeps your drink at the right temperature. Dishwasher safe and BPA free. Small storage pocket on top. 600D Polyester Ripstop and YKK zippers.
	Waist Belt Bag N1950501 Color: Black 38,5x7,5x17.	Hip pack features a storage pocket with a side bottle holder. 600D Polyester Ripstop and YKK zippers. BPA free.		Thermobelt N1950503 Color: Red 31x10x15.	Thermobelt with 1L insulated bottle that keeps your drink at the right temperature. Dishwasher safe and BPA free. Small storage pocket on top. 600D Polyester Ripstop and YKK zippers.

STRAPS

	Ski Strap Racing N13505195 Color: Red	3mm EVA + Nylon Velcro. Fits up to 48mm width skis. Measurements: 14x6cm.		Ski Strap Bc N14505201 Color: Red	3mm EVA + Nylon Velcro. Fits BC and kid's skis. Measurements: 29x5cm.
	Ski Strap Touring N1650514 Color: Black	3mm EVA + Nylon Velcro. Fits touring and kid's skis from 44 to 58mm. Measurements: 14,5x7cm.			

GLOVES

	Race Pro glove. N2001001 Color: Red	Race fit, windproof and breathable glove with goat leather in palm. Touch screen finger. Size 5-12/XXS-XXL.		Madshus Touring Glove N1951602 Color: Black	Windproof and warm glove with Thinsulate™ insulation. Touch screen fingers and reflective details. Size: 5-12/XXS - XXL.
	Madshus Pro Glove N1951600 Color: White	Race fit, light, windproof and breathable glove. Touch screen fingers. Size: 5-12/XXS - XXL.		Madshus Lobster Mitt N1951603 Color: Black	Comfortable and windproof lobster mitten with Thinsulate™ insulation and reflective details. Size: 5-12/XXS - XXL.
	Madshus Pro Thermo Glove N1951601 Color: Black	Race fit, warm, windproof and breathable glove with Thinsulate™ insulation. Touch screen fingers. Size 5-12/XXS-XXL.			

HATS

Lycra Race Hat 5102040 Color: Black	Light and comfortable ski hat for racing. 92% polyester, 8% spandex. Size: M – L		Lycra Headband 5102321 Color: Black.	Light and comfortable headband. 92% polyester, 8% spandex. One size.	
Lycra Race Hat 5102040 Color: Red	Light and comfortable ski hat for racing. 92% polyester, 8% spandex. Size: M – L		Lycra Headband 5102321 Color: Red	Light and comfortable headband. 92% polyester, 8% spandex. One size.	
Lycra Race Hat 5102040 Color: White	Light and comfortable ski hat for racing. 92% polyester, 8% spandex. Size: M – L		Lycra Headband 5102321 Color: White	Light and comfortable headband. 92% polyester, 8% spandex. One size.	
Ski Hat N18510500 Color: Red	Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic. Size: M - L		Vented Ski Hat N17510500 Color: Red	Ventilated ski hat. 30% wool /70% acrylic. Size: M - L.	
Ski Hat N18510501 Color: Black	Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic. Size: M - L		Vented Ski Hat N17510501 Color: Black-Blue	Ventilated ski hat. 30% wool /70% acrylic. Size: M - L.	
Ski Hat N18510502 Color: White	Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic. Size: M - L		Vented Ski Hat N17510502 Color: White	Ventilated ski hat. 30% wool /70% acrylic. Size: M - L.	
M-Hat N1951500 Color: Red	Double knitted casual ski hat. 30% wool / 70% acrylic. One size.		M-Headband N1951503 Color: Black	Double knitted headband with fleece lining. 30% wool / 70% acrylic. One size.	
M-Hat N1951501 Color: Black	Double knitted casual ski hat. 30% wool / 70% acrylic. One size.		M-Headband N1951504 Color: Red	Double knitted headband with fleece lining. 30% wool / 70% acrylic. One size.	
M-Hat N1951502 Color: Grey	Double knitted casual ski hat. 30% wool / 70% acrylic. One size.		M-Headband N1951511 Color: White	Double knitted headband with fleece lining. 30% wool / 70% acrylic. One size.	
Striped Hat N1951508 Color: White	Warmer casual ski hat with fleece lining. 30% wool. 70% acrylic. One size.		Retro Hat N1951506 Color: Black	Warmer ski hat with retro look. Fleece lining. 30% wool, 70% acrylic. One size.	
Striped Hat N1951509 Color: Black	Warmer casual ski hat with fleece lining. 30% wool. 70% acrylic. One size.		Retro Hat N1951507 Color: Blue	Warmer ski hat with retro look. Fleece lining. 30% wool, 70% acrylic. One size.	
Striped Hat N1951510 Color: Green	Warmer casual ski hat with fleece lining. 30% wool. 70% acrylic. One size.		M-Neck N1951505 Color: Black	Double knitted warm neck. 30% wool / 70% acrylic. One size.	
Boot cover Warm N2004006	Boot cover with windstopper fabric and thinsulate insulation. Size: 36-37. 38-39. 40-41. 42-43. 44-45. 46-47		Boot cover Waterproof N2004007	Boot cover in water residents PU material. Size: 36-37. 38-39. 40-41. 42-43. 44-45. 46-47	

BOOT COVER

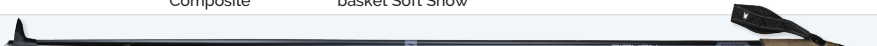
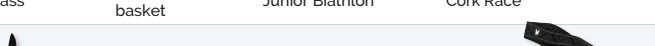
RECOMMENDED LENGTH OF SKIS AND POLES

SKIER HEIGHT	INTELLIGRIP/ CLASSIC SKIS	SKATE SKIS	CLASSIC POLES	SKATE POLES
90 cm	90	90	60	70
95 cm	90	90	65	75
100 cm	100	100	70	80
105 cm	100/110	100	75	85
110 cm	110	110	80	90
115 cm	120	120	85	95
120 cm	120/130	120	90	100
125 cm	130/140	130	95	105
130 cm	142/152	130	100	110
135 cm	142/152	140	105	115
140 cm	147/157	142	110	120
145 cm	157/167	147	115	125
150 cm	167	152/157	120	130
155 cm	172	157/167	125	135
160 cm	177-187	162-167	130	140
165 cm	177-192	167-172	135	145
170 cm	187-197	172-177	140	150
175 cm	192-202	177-182	145	155
180 cm	202-207	182-187	150	160
185 cm	202-207	187-192	155	165
190 cm	207	187-192	160	170
195 cm	207	187-192	165	175
200 cm	207	187-192	170	175

SIZE CHART BOOTS

US M'S	EURO ADULT	CM	US W'S	EURO ADULT	CM
	35	20	4	35	20
	35.5	20.5	4.25	35.5	20.5
	36	21	4.5	36	21
	36.5	22	5	36.5	22
	37	22.5	5.5	37	22.5
5	37.5	22.75	6	37.5	22.75
5.5	38	23	6.5	38	23
5.75	38.5	23.5	6.75	38.5	23.5
6	39	24	7	39	24
6.5	39.5	24.25	7.5	39.5	24.25
7	40	24.5	8	40	24.5
7.5	40.5	25	8.5	40.5	25
8	41	25.25	9	41	25.25
8.5	41.5	25.5	9.5	41.5	25.5
9	42	26	10	42	26
9.25	42.5	26.25	10.25	42.5	26.25
9.5	43	26.5	10.5	43	26.5
9.75	43.5	26.75	10.75	43.5	26.75
10	44	27	11	44	27
10.5	44.5	27.5	11.5	44.5	27.5
11	45	28	12	45	28
11.25	45.5	28.25	12.5	45.5	28.25
11.5	46	28.5	12.5	46	28.5
11.75	46.5			46.5	
12	47	29.25		47	29.25
12.5	47.5			47.5	
13	48	30		48	30

POLES

Art. no	Model name	Length	Shaft	Basket	Strap	Handle
N2009001	Race Pro Pole	135-175 cm/2.5 cm	100% Ultra High Modulus Carbon	Small Racing basket TBS®	Race	Race
N2009002	Race Pro Pole Kit	155cm, 175cm	100% Ultra High Modulus Carbon	Small Racing basket TBS®	Race	Race
						
N2009002	Race Speed Pole	135-175 cm/2.5 cm	100% High Strength Carbon	Small Racing basket TBS®	Race	Race
						
N2009004	Endurance Pole	135-175 cm/5 cm	70% Carbon	Large Racing basket TBS®	Race Fit	Race
						
N2009005	Active Pro Pole	135-175 cm/5 cm	40% Carbon	9mm Race basket	Contour Race	Cork Race
						
N2009006	Nordic Pole	120-170 cm/5 cm	Carbon/Glass Composite	10mm Race basket Soft Snow	Biathlon	Cork Race
						
N2009007	Race Pro Jr Pole	100 - 150/5 cm	40% Carbon	Large Racing basket TBS®	Contour Jr. Race	Cork Race
						
N2009008	Racelight Jr Pole	70-125/5 cm	Fiberglass	10mm Race basket	Junior Biathlon	Cork Race
						

POLES EXTRA PARTS

Art. no	Model name	Size	Diameter	
NP20002	9 mm Race Basket - Tungsten	One-size	9 mm	
NP20007	9 mm Aero Basket - Tungsten	One-size	9 mm	
N150900501	10 mm UHM Basket - Black	One-size	10 mm	
N150900601	10 mm Powder Basket - Black	One-size	10 mm	
NP20005	10 mm Race Basket w/Small Tungsten tip	One-size	10 mm	
N160900401	10 mm Roller Ferrule	One-size	10 mm	
N160900301	9 mm Roller Ferrule	One-size	9 mm	
N150900301	Cork Race Handle & Wedge	One-size	16 mm	
NP40009	Biathlon Strap - Contoured	One-size		
N1709007010	Contour Champion Strap	Small		
N1709008010	Contour Champion Strap	Medium		
N1709009010	Contour Champion Strap	Large		
N2009009010	Race Handle	Pairs	One-size	
N2009010010	Race Basket Small TBS®	Pairs	One-size	
N2009011010	Race Basket Large TBS®	Pairs	One-size	
N2009012010	Race Strap Small	Pairs	Small	
N2009013010	Race Strap Medium	Pairs	Medium	
N2009014010	Race Strap Large	Pairs	Large	

Redline 3.0 skier weight tables

REDLINE CLASSIC

	30-40	40-50	50-60	60-70	70-80	80-90	90+
207							
202							
197							
192							
187							
182							

REDLINE INTELLIGRIP

	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100+
207								
202								
197								
192								
187								
182								

REDLINE SKATE

	30-45	45-60	40-55	55-70	50-65	65-80	60-75	75-90	70-85	85-100+
192										
187										
182										
177										
172										

REDLINE JUNIOR CLASSIC

	20-30	30-40	40-50	50-60
182				
177				
172				
167				
157				
167				

How to select Redline 3.0 skis

REDLINE 3.0 CLASSIC SKIS

Finding the perfect pair of Classic skis has never been this easy. Every pair of Madshus Redline 3.0 Classic skis is designed with the target user in mind, and one of the most important factors in picking skis is the athlete's weight. Lighter skiers will not deform the ski as much and therefore need a ski that requires less force to reach the ideal wax zone than a heavier skier. On the binding plate of every ski you will find the ideal skier weight range, as well as camber heights measured at different load positions and values to simulate different phases of skiing.

Here's an example of the format of the camber height information printed on a Redline 3.0 Classic Cold with a skier weight range of 60-70kg:

Printing format on NIS plate:		
65kg	-14,00	157/0.54
	-8	1.2

The camber heights printed are from the middle of the skier weight range, and we have measured the ski at both 14cm and 8cm behind the balance point. All values printed are the height of the ski at the balance point. The measurement taken with the load at -14cm contains both half and full weight heights (in mm) whereas -8cm only contains half weight.

Skis which have a higher -14cm half-weight value will be able to hold more wax without dragging, such as when applying klister, but will require more force to compress when using thinner wax applications. The -14cm full-weight measurement occurs after the ski has "bottomed out" at the load position and provides a good indication of the curvature of the wax pocket. Skis with higher values here will have better glide, but require good, forward body position to get kick. The -8cm half-weight measurement reflects the changes modern ski racing has experienced and the rising importance of double poling. In double pole, the skier's weight is forward, yet distributed between both skis. Higher values will provide a ski that glides better in double poling. Each of these measurements mimics the loading cases in different phases of skiing, and now it is possible to pick skis which prioritize the properties most important to you!

REDLINE 3.0 SKATE SKIS

Like our Redline 3.0 Classic skis we now print the half-weight and full-weight heights directly onto each and every Redline 3.0 Skate binding plate to help improve the ski selection process.

All our skate skis, regardless of length or skier weight, now follow the same dynamic response design philosophy. The result is that the most important ski properties are prioritized and optimized in production, which results in a faster product out on snow. Half weight and full weight measurements do not tell the whole story, but they are a quick method to sort between different skis. Higher values will be more suited to heavier skiers, but skier technique and preference is equally important. Regardless, skis produced according to our dynamic response design philosophy have the broadest working range of any we've ever had before.

MADSHUS RED



Art. no.	Model	Sizes	Heel Counter	Cuff	Upper	Outsole
N190400201	Redline Classic	37-48 / 39.5-44.5	Integrated Carbon Base: Classic	-	MemBrain Softshell without fleece	Xcelerator SSR
N190400101	Redline Skate	37-48 / 39.5-44.5	Integrated Carbon Base: Skate	Power Cuff	MemBrain Softshell without fleece	F1 Xcelerator SSR
N190400301	Redline Skiathlon	37-48	Integrated Carbon Base: Skiathlon	Power Cuff	MemBrain Softshell without fleece	F1 Xcelerator SSR
N190401001	Redline JR	33-42	Hyper Polyamide Skate	Hyper Polyamide Skate	MemBrain Softshell	R3 PU

SKATE



Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover	Upper	Outsole
N200400401	Race Pro Skate	37-48 / 39.5-44.5	Integrated Power Base	Redline Carbon Cuff	Membrain® Softshell	Membrain® with fleece	Madshus Elite (2pc)
N190400501	Race Speed Skate	35-48	Hyper Polyamide Skate	Hyper Polyamide Skate	Membrain® Softshell	Revowrap™ PU, Torsion box tongue	R3 PU
N200400101	Endurance Skate	35-48	Universal	Injected	Membrain® Softshell	Revowrap™ PU, Torsion box tongue	Madshus Race

UNIVERSAL



Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover	Upper	Outsole
N190400601	Race Speed Combi	35-48	Hyper Polyamide Skate	Hyper Polyamide Skate		Membrain® Softshell	R3 PU
N200400301	Endurance U	35-48	Universal	Injected	Membrain® Softshell	Revowrap™ PU, Torsion box tongue	Madshus Performance
N190401101	Race Pro JR	33-42	Hyper Polyamide Skate	Hyper Polyamide Skate		Membrain® Softshell	T4v2

CLASSIC



Art. no.	Model	Sizes	Heel Counter	Cuff	Upper	Outsole
N200400501	Race Pro Classic	35-48 / 39.5-44.5	Race Pro Classic	-	Race Pro & Lacing Fingers	Madshus Race
N190400401	Race Speed Classic	35-48	Hyper Polyamide Classic	-	Membrain® Softshell	R3 PU
N200400201	Endurance Classic	35-48	-	-	Revowrap™ PU Torsion box tongue	T4v2 Black/Red
N190400701	Active Classic	35-48	PU	-	PVC	T4v1a

CLASSIC



Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover	Upper	Outsole
N190400901	Nordic Pro	35-48	PU	Stiched on cuff	Membrain® Softshell	PVC	T4v1a
N190400801	Nordic C	35-48	PU	-	Membrain® Softshell	PVC	T4v1a
N190401201	Raceline	25-40	PU	-	Membrain® Softshell	PVC	T4v1a/T4v1 JR
N140400701	Butterfly	25-40	PU	-	Membrain® Softshell	PVC	T4v1a/T4v1 JR

BACK COUNTRY



Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover	Upper	Lining	Outsole
N180400901	Glittertind	35-48	Hyper Polyamide Skate	Polyamide	Membrain® Softshell	TPU with Thinsulate™	Waterproof	Rottefella BC
N180401001	Vidda	35-48		Stiched on cuff		PVC, TPU with Thinsulate™	Waterproof	Rottefella B
N2004008	Madshus Overboot	35-48						

OVERBOOT



MADSHUS RED



	Art. no.	Model	Empower	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base	Shape
1	N20008	Redline 3.0 Skate F2	Yes	7	172-192/5 RSL	41-44-44	950/187cm	Triaxial Carbon	PR100X	P300 Nano	3D
2	N20009	Redline 3.0 Skate F3	Yes	7	172-192/5 RSL	41-44-44	950/187cm	Triaxial Carbon	PR100X	P300 Nano	3D
3	N20002	Redline 3.0 Classic Cold	Yes	MOVE	182-207/5	43-44-44	900/187cm	Triaxial Carbon	PR100X	P300 Nano	3D
4	N20003	Redline 3.0 Classic Warm	Yes	MOVE	182-207/5	43-44-44	900/187cm	Triaxial Carbon Plus	PR100X	P300 Nano	3D
6	N20007	Redline 3.0 Intelligrip	Yes	MOVE	182-207/5	43-44-44	925/187cm	Triaxial Carbon	PR100X	P300 Nano, 100% Mohair	3D
6	N20004	Redline Double Pole	Yes	7	192	41-44-44	950/192cm	Triaxial Propulsion	PR100X	P200 Nano Black	3D
7	N20042	Redline Classic JR		JR/7	147-177/10, 172, 182	44-42-44	775/157cm	Triaxial Carbon	PR90	P300 Nano	3D
8	N20049	Redline Skate JR		JR/7	142-172/5 RSL	41-44-44	775/157cm	Triaxial Carbon	PR90	P300 Nano	3D

INTELLIGRIP®



	Art. no.	Model	Empower	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base	Shape
1	N19107	Race Pro Intelligrip®	Yes	MOVE	182-207/5	43-44-44	1000/187cm	Triaxial Carbon	PR100x	P200 Nano Universal, Mohair mix	3D
2	N19257	Race Speed Intelligrip®	Yes	MOVE	182-207/5	43-44-44	1050/187cm	Triaxial Carbon	PR90	P200 Nano Universal, Mohair mix	3D
3	N19297	Endurance Intelligrip®	Yes	MOVE	182-207/5	43-44-44	1150/187cm	Torsion Cap 3D	Polycell	P190 Nano Universal, Mohair mix	3D
4	N19377	Active Pro Intelligrip®	Yes	MOVE	182-207/5	43-44-44	1150/187cm	Torsion Cap 3D	Polycell	P170 Nano Universal, Mohair mix	3D
5	N20344	Active Intelligrip®		7	180-210/5	44-42-43	1150/190cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra, Mohair mix	
6	N19487	Nordic Pro Intelligrip®	Yes	MOVE	177-207/5	47-44-46	1175/187cm	Torsion Cap 3D	Polycell	P170 Nano Universal, Mohair mix	3D
7	N19447	Nordic Intelligrip®		7	180-210/5	48-44-46	1220/190cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra, Mohair mix	
8	N19147	Race Pro Intelligrip® JR		JR/7	147-177/10, 172	44-42-44	800/162cm	Torsion Cap 3D	Polycell	P190 Nano Universal, Mohair mix	
9	N19812	Active Intelligrip® JR		JR	120-170/10	44-42-43	875/160cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra, Mohair mix	
10	N19877	Racelight Intelligrip® JR		Nemo_scr	90-170/10	48-48-48	825/130cm	Torsion Cap	Multicore (Wood)	Polytex, Mohair mix	

CLASSIC



	Art. no.	Model	Empower	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base	Shape
1	N19102	Race Pro Classic	Yes	MOVE	182-207/5	43-44-44	1000/187cm	Triaxial Carbon	PR100X	P 200 Nano Universal	3D
2	N19252	Race Speed Classic	Yes	MOVE	182-207/5	43-44-44	1050/187cm	Triaxial Carbon	PR90	P 200 Nano Universal	3D
3	N19292	Endurance Classic	Yes	MOVE	182-207/5	43-44-44	1150/187cm	Torsion Cap 3D	Polycell	P 190 Nano Universal	3D
4	N19342	Active Classic		7	180-210/5	44-42-43	1150/190cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	
5	N19142	Race Pro Classic Jr		JR/7	147-177/10, 172	44-42-44	800/162cm	Torsion Cap 3D	Polycell	P190 Nano Universal	3D
6	N19813	Active Universal Jr		JR	120-170/10	44-42-43	875/160cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	3D
7	N18856	Butterfly Wax		Nemo_scr	90-170/10	48-48-48	825/130cm	Torsion Cap	Multicore (Wood)	Polytex	
8	N18857	Butterfly MG		Nemo_scr	90-170/10	48-48-48	825/130cm	Torsion Cap	Multicore (Wood)	No-Wax	
10	N19879	Racelight MG		Nemo_scr	90-170/10	48-48-48	825/130cm	Torsion Cap	Multicore (Wood)	No-Wax	
11	N11881	Snowpup 85			85	65-55-60			ABS	No-Wax	

SKATE



	Art. no.	Model	Empower	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base	Shape
1	N19119	Race Pro Skate	Yes	7	172-192 RSL/5	44-43-44	1000/187cm	Triaxial Carbon	PR100x	P 200 Nano Universal	3D
2	N19254	Race Speed Skate	Yes	7	172-192 RSL/5	44-43-44	1050/187cm	Triaxial Carbon	PR90	P 200 Nano Universal	3D
3	N19294	Endurance Skate	Yes	7	172-192 RSL/5	44-43-44	1150/187cm	Torsion Cap 3D	Polycell	P 190 Nano Universal	3D
4	N19373	Active Pro Skate	Yes	7	172-192 RSL/5	44-40-44	1150/187cm	Torsion Cap 3D	Polycell	P 170 Nano Universal	3D
5	N20343	Active Skate		7	170-195/5	44-40-44	1150/190cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	
7	N19149	Race Pro Skate JR		JR/7	142-167 RSL/5	44-43-44	800/157cm	Torsion Cap 3D	Polycell	P 190 Nano Universal	3D
8	N19814	Active Skate JR		JR	120-160/10	44-42-43	875/160cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	

BACK COUNTRY



	Art. no.	Model	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base
2	N19968	Fjelltech M44 IntelliGrip®	7	180, 190, 195, 205	54-44-49	1780/190 cm	Triaxial Cap	Paulownia Glass	P-Tex 2000 Electra + Mohair mix
1	N19967	Fjelltech M50 IntelliGrip®	7	180, 190, 195, 205	60-50-55	1780/190 cm	Triaxial Cap	Paulownia Glass	P-Tex 2000 Electra + Mohair mix
3	N19966	Panorama M50 IntelliGrip® Transition		180, 190, 195, 205	68-55-62	1780/190 cm	Triaxial Cap	Multicore (Wood)	P-Tex 2000 Electra + Skin pocket
4	N19940	Panorama M55 IntelliGrip® Transition		180, 190, 195, 205	68-55-62	1890/190cm	Triaxial Cap	Multicore (Wood)	P-Tex 2000 Electra + Skin pocket
5	N19930	Panorama M62 IntelliGrip® Transition		175, 185, 195, 205	83-62-70	1890/190cm	Triaxial Cap	Multicore (Wood)	P-Tex 2000 Electra + Skin pocket
6	N20870	Panorama M68 IntelliGrip® Transition		165-195/10	99-68-84	2530/185 cm	Triaxial Cap	Multicore (Wood)	P-Tex 2000 Electra + Skin pocket

NEW SKI LINE STRUCTURE

MADSHUS RED	INTELLIGRIP®	CLASSIC	SKATE	BACK COUNTRY
Redline 3.0 Skate F2	Race Pro IntelliGrip®	Race Pro Classic	Race Pro Skate	Fjelltech M50 IntelliGrip®
Redline 3.0 Skate F3	Race Speed IntelliGrip®	Race Speed Classic	Race Speed Skate	Fjelltech M44 IntelliGrip®
Redline 3.0 Classic Cold	Endurance IntelliGrip®	Endurance Classic	Endurance Skate	Panorama M50 IntelliGrip® Transition
Redline 3.0 Classic Warm	Active Pro IntelliGrip®	Active Classic	Active Pro Skate	Panorama M55 IntelliGrip® Transition
Redline 3.0 IntelliGrip®	Active IntelliGrip®	Race Pro Classic Jr	Active Skate	Panorama M62 IntelliGrip® Transition
Redline 3.0 Double Pole	Nordic Pro IntelliGrip®	Active Universal JR	Race Pro Skate JR	Panorama M68 IntelliGrip® Transition
Redline 3.0 Classic JR	Nordic IntelliGrip®	Butterfly Wax	Active Skate JR	
Redline 3.0 Skate JR	Race Pro IntelliGrip® JR	Butterfly MG		
	Active IntelliGrip® JR	Racelight Wax		
	Racelight IntelliGrip®	Racelight MG		
		Snowpup 85		

INTELLIGRIP® TRANSITION (BC)

IntelliGrip® Transition Skin
Item: N1950513

Built for the mountains, Madshus IntelliGrip® Transition skin skis feature a recessed insert which anchors the front of the skin in place and allows for easy swapping or trimming of skins to suit all skiers, conditions and skill levels. The use of an insert ensures a smooth transition between gliding surface and skin which is critical for decreasing drag and preventing icing under the ski. IntelliGrip® Transition skin skis maintain all the benefits of traditional skin ski, but with more flexibility. This makes these skis the perfect choice for off-piste adventures!

INTELLIGRIP® SKIN

IntelliGrip® Skin
Item: N15505100
Sizes: 180-195cm + 200-210cm

Provide the legendary all-terrain grip of a Mohair skin with the maximum glide performance needed for classic skiing. For tough waxing conditions or when the weather changes in a flash, these skins are built with the highest quality mohair and paired with smooth polyethylene, the same material used in Madshus top racing bases. IntelliGrip® Skin avoid icing and are quick and easy to apply on the trail. They are removable and packed in the included case.

INTELLIGRIP® INTEGRATED SKIN

IntelliGrip® Madshus RED replacement skin
Item: N1752000
Color: Black

100% Mohair replacement skins for Redline IntelliGrip® skis. The set consists of three pairs of skins.

IntelliGrip® replacement skin
Item: N1652000
Color: Dark blue

Mohair and Nylon mix replacement skins for IntelliGrip® skis. The set consists of three pairs of skins.

IntelliGrip® replacement skin
Item: N1552000
Color: Black

Mohair and Nylon mix replacement skins for IntelliGrip® skis. The set consists of three pairs of skins.

LENGTHS OF INTELLIGRIP® INTEGRATED SKIN / REPLACEMENT PARTS

LENGTH SKIS	REDLINE	RACE PRO / RACE SPEED	ENDURANCE / ACTIVE PRO/ NORDIC PRO / ACTIVE	NORDIC	RACE PRO JR/ ACTIVE JR	FJELLTECH 44 FJELLTECH 50
207 / 210 cm	39 cm	42 cm	45 cm	-	-	-
202 / 205 cm	39 cm	42 cm	45 cm	-	-	45 cm
197 / 200 cm	39 cm	39 cm	42 cm	-	-	-
192 / 195 cm	36 cm	39 cm	42 cm	-	-	42 cm
187 / 190 cm	36 cm	36 cm	39 cm	-	-	39 cm
182 / 185 cm	36 cm	36 cm	39 cm	-	-	-
177 / 180 cm	-	36 cm	36 cm	-	-	36 cm
172 / 175 cm	-	-	36 cm	-	33 cm	-
167 / 170 cm	-	-	-	-	33 cm	-
152 / 155 cm	-	-	-	-	30 cm	-
147 / 150 cm	-	-	-	-	30 cm	-
160 / 170 cm	-	-	-	33 cm	-	-
140 / 150 cm	-	-	-	30 cm	-	-
120 / 130 cm	-	-	-	27 cm	-	-



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