



MADSHUS



WORKBOOK 2022/2023



MADSHUS – WE GET YOU THERE

FOR A CENTURY, Madshus has safeguarded the Norwegian skiing tradition. We are the world's oldest ski manufacturer still in business, innovating cross country since 1906.

With ambition and guts, we drive the evolution of the sport and are passionate about inspiring cross-country memories across the globe.

Norwegian history and soul have been infused with advanced technology and craftsmanship and molded into every single pair of skis. A Madshus product contains the very DNA of cross-country skiing.

So regardless if your aspirations are Olympic gold or quiet moments of mindfulness in nature

– Madshus will get you there.



Link to our brand video.



NEW REDLINE ZERO

The Redline Zero is a World Cup quality specialty classic ski for racing in tricky waxing conditions around zero degrees Celsius.

The headline feature of this ski is a base material insert made from a blend of rubber and polyethylene placed in the grip zone of the ski. When roughened with sandpaper, this inserted base material can provide better grip than hardwax and better glide than klist. The ski performs at its best in high humidity and glazed tracks around zero degrees Celsius, but the use range can be expanded by using finer or coarser sandpaper to tailoring the grip zone to match the conditions.

NEW REDLINE CLASSIC LTD

The Redline Classic LTD is a World Cup quality specialty classic ski featuring an all-new fluorocarbon-free base material, which provides exceptional performance when the snow conditions are right.

The ski is at its best when the snow is warm, wet, and has a large corn structure. This ski has the highest camber of any of our Redline Classic skis, which matches perfectly with the klist conditions that this ski will almost always be used in.

REDLINE BOOTS

NEW CARBON BASE CONSTRUCTION

Improved heel cup shape and contour for optimal fit, feel and performance.

INTERCHANGEABLE PARTS FOR BOOT CUSTOMIZATION.

Improve the fit and increase the life of your Madshus ski boots by replacing critical parts.

TOE BAR

Replaceable toe bar for personal customization or when worn out.

CUFF

Interchangeable, removable cuff is easy to remove or switch out for personal customization or when worn out.



INTRODUCING THE NEW «RED RACE-WRAP» AND LOW-CUT LINER CONSTRUCTION!

Our brand-new «Red Race-Wrap» technology combined with a new, low-cut liner construction creates an inner boot that completely envelopes the foot. The unique combination of materials and technologies fully supports the heel and transitions seamlessly to a softer, more flexible and lower-volume toe box. The result is significantly improved overall fit, from the carbon base underfoot up to the top eyelet of the laces. Using a no-sew hotmelt

material, the «Race Wrap» upper materials conform to the foot with minimal seams, providing smooth, even pressure distribution throughout the boot. The Race Wrap technology creates inner support for the mid-foot through an integrated web construction that directly connects to the carbon base, through a reinforced eye stay. This delivers a high-performance fit that is snuggier and more comfortable while allowing for a more precise connection with the ski.

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

NEW RACE PRO BOOTS

RACE PRO SERIES is designed as a more affordable high-end racing alternative to the flagship Redline boots. The Race Pro boot line comes with many of the same features as our top model, providing a level of performance you'd expect from a top racing boot.

The integrated power base reduces weight and improves stability and control, while a slightly more voluminous last makes this boot a great choice for skiers that demands a warm boot with comfort fit and world cup performance combined.

RACE PRO SKATE

Skating Race boot for training and racing, with integrated powerbase, and a slightly more voluminous fit than the World Cup-level Redline Skate boot.



Integrated composite base



Lacing Fingers



Softshell



PVC Free

SIZES: 37-48
CUFF: Performance
BASE: Integrated Power Base

OUTSOLE: Madshus Elite (2 pc)
UPPER: Softshell w/fleece
INNERBOOT: Race wrap

RACE PRO CLASSIC

Lightweight classic racing boot with forefoot flex engineered for powerful classic striding, lacing fingers for fit and stability, and PU-coated microfiber upper for breathability.



Lacing Fingers



Softshell



Pvc Free

SIZES: 37-48
BASE: Classic composite
OUTSOLE: Madshus Elite 2pc

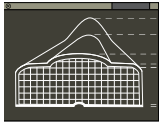
UPPER: Softshell w/fleece
INNERBOOT: Race wrap





SKIS

MADSHUS RED	SKIN	CLASSIC	SKATE	BACKCOUNTRY
Redline Skate F2	Race Pro Skin	Race Pro Classic	Race Pro Skate	Fjelltech M44 Skin
Redline Skate F3	Race Speed Skin	Race Speed Classic	Race Speed Skate	Fjelltech M50 Skin
Redline Skate LTD	Endurace Skin	Endurace Classic	Endurace Skate	Panorama T50 Intelligrip Transition
Redline Classic Cold	Active Pro Skin	Active Classic	Active Pro Skate	Panorama T55 Intelligrip Transition
Redline Classic Warm	Active Skin	Active MGv	Active Skate	Panorama M62
Redline Skin	Nordic Pro Skin	Race Pro Classic Jr	Race Pro Skate JR	Panorama M68
Redline Zero	Nordic Skin	Active Universal JR	Active Skate JR	Panorama M78
Redline Classic LTD	Race Pro Skin JR	Racelight MG		
Redline Double Pole	Active Skin JR	Snowpup 85		
Redline Classic JR	Racelight Skin			
Redline Skate JR				



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.



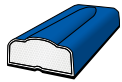
MADSHUS EMPOWER From manufacturing all the way to the end-user, the internal RFID chips embedded in the cores of our empower™ skis provide access to a wealth of data.



PAULOWNIA CORE Paulownia is a farm-raised lightweight 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.



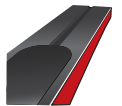
TRIAxIAL CONSTRUCTION Interlocking strands of fiberglass and carbon fiber surround the entire core, producing excellent torsional rigidity and strength with light weight and a lively response.



ASTARALITE The new core material significantly decreases the weight, while providing a modest improvement in strength and a noticeably more dynamic and responsive feeling on the snow and makes the skis faster and more fun!



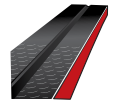
TORSION CAP CONSTRUCTION A reinforced core, covered by a cap, creates a very durable and lightweight construction, and provides tremendous versatility in targeting specific camber and flex characteristics.



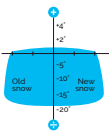
INTEGRATED SKIN The skin is integrated into the base, providing great glide along with strong grip, making classic skiing even easier. The progressive skin profile, and our unique mix of Mohair and nylon ensure optimal grip and glide in all conditions.



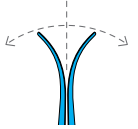
TUNED DYNAMIC RESPONSE A new special layup of carbon combined with a synchronized camber profile provides exceptional return of energy while optimizing the glide surfaces of the ski through the entire push-off phase, improving the feel for the snow while retaining the speed.



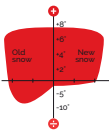
MULTIGRIP BASE The MultiGrip base provides stable and confident bilateral grip without sacrificing ski glide and performance.



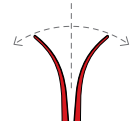
COLD SKIS The optimal range of operation in colder temperatures.



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 in 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.



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.



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.

Ski characteristics
SKIN SKIS

Model Name	Skier Level	Grip	Stability/Control	Stride	Lightness	Double pole	Dynamic response
Redline Skin	Race						
Race Pro Skin	Race						
Race Speed skin	Race/Endurance						
Endurace Skin	Endurance						
Active Pro Skin	Endurance						
Active Skin	Nordic Touring						
Nordic Pro Skin	Endurance						
Nordic Skin	Nordic Touring						
Race Pro Skin Jr.	Race						
Active Skin Jr.	Endurance						
Racelight Skin/MG	Endurance						

CHARACTERISTIC DESCRIPTION:

GRIP

The grip score is a general representation of how easy a specific ski model is to get kick. Skis with higher scores do not require as precise technique or as active of a kick to grip the snow during diagonal stride, whereas skis with lower grip scores typically require more active skiing to generate the same level of grip. The tradeoff is that skin length is often increased to improve grip, and so skis which have lower grip scores often provide increased glide, especially in double pole.

STABILITY

There are many aspects of a skis construction which affect stability, such as sidecut, thickness profile, torsional fibers, and camber. But the stability score takes all these variables into account to provide an easy-to-understand value to help you select the correct ski for your needs.

STRIDE

The stride characteristic represents how well a ski will glide during the gliding phase of diagonal stride. This is a characteristic which is particularly important for skiers with good technique and who spend a lot of time diagonal striding. Between models, this property is primarily adjusted by moving the placement of the skin relative to the balance point, moving the positioning of reinforcement fibers, and by adjusting the camber.

LIGHTNESS

The weight of the ski compared to other models in the Madshus ski line.

Ski characteristics
CLASSIC SKIS

Model Name	Skier Level	Stride	Stability/Control	Lightness	Double Pole	Dynamic response
Redline Classic	Race					
Race Pro Classic	Race					
Race Speed Classic	Race					
Endurace Classic	Endurance					
Active Classic	Nordic Touring					
Active Jr. Universal	Nordic Touring					
Active MG	Nordic Touring					
Redline Jr. Classic	Race					
Race Pro Jr. Classic	Race					

Redline Classic	Wax Type	Snow Type	Temp
Redline Classic Cold	Hardwax	New	-2 and under
Redline Classic Warm	Hardwax & Klister	New/old	-10 to +5
Redline Zero	None	Glazy tracks	-5 to +5
Redline Classic LTD	Klister	Corn	0 and up

DOUBLE POLE

The double pole performance score represents how well a ski glides when actively skiing using the double pole technique. This can be achieved by adjusting the camber, ski thickness profile, or placement of reinforcement fibers.

GLIDE

The glide characteristic is primarily determined by the base material type; however, camber and materials also play a role. Skis scoring higher in the glide category will have better gliding performance.

DYNAMIC RESPONSE

Dynamic response is the marketing term we've chosen to describe the feeling of energy return that you get from your skis—a feeling which is particularly prevalent in the new Redline 3.0 skis. Fundamentally this term, and therefore the Dynamic Response score, try to quantify how lively a given ski will feel. This score is a result of the materials, camber, and geometry chosen for each model, and skis which score higher in this category will be more energetic and will be particularly rewarding for skiers with a more active and powerful technique.

Ski characteristics
SKATE SKIS

Model Name	Skier Level	Stability/Control	Glide	Lightness	Dynamic response
Redline Skate	Race				
Race Pro Skate	Race				
Race Speed Skate	Race				
Endurance Skate	Endurance				
Active Pro Skate	Endurance				
Active skate	Nordic Touring				
Active Jr. Skate	Endurance				
Redline Jr. Skate	Race				
Race Pro Jr. Skate	Race				

CHARACTERISTIC DESCRIPTION:

STABILITY

There are many aspects of a skis construction which affect stability, such as sidecut, thickness profile, torsional fibers, and camber. But the stability score takes all these variables into account to provide an easy-to-understand value to help you select the correct ski for your needs.

GLIDE

The glide characteristic is primarily determined by the base material type; however, camber and materials also play a role. Skis scoring higher in the glide category will have better gliding performance.

LIGHTNESS

The weight of the ski compared to other models in the Madshus ski line.

DYNAMIC RESPONSE

Dynamic response is the marketing term we've chosen to describe the feeling of energy return that you get from your skis—a feeling which is particularly prevalent in the new Redline 3.0 skis. Fundamentally this term, and therefore the Dynamic Response score, try to quantify how lively a given ski will feel. This score is a result of the materials, camber, and geometry chosen for each model, and skis which score higher in this category will be more energetic and will be particularly rewarding for skiers with a more active and powerful technique.

Ski characteristics
BACKCOUNTRY SKIS

Madshus Panorama Downhill

Model Name	Skier Level	Climb performance	Downhill performance	Rolling terrain	Lightness
Panorama 78	Off-track				
Panorama 68	Off-track				
Panorama 62	Off-track				

Madshus Panorama Touring

Model Name	Skier Level	Climb performance	Downhill performance	Rolling terrain	Lightness
Panorama T55	Off-track/Track				
Panorama T50	Off-track/Track				

Madshus Fjelltech Touring

Model Name	Skier Level	Grip	Stability/Control	Stride	Lightness
Fjelltech 55	Off-track/Track				
Fjelltech 50	Off-track/Track				

GRIP

The grip score is a general representation of how easy a specific ski model is to get kick. Skis with higher scores do not require as precise technique or as active of a kick to grip the snow during diagonal stride, whereas skis with lower grip scores typically require more active skiing to generate the same level of grip. The tradeoff is that skin length is often increased to improve grip, and so skis which have lower grip scores often provide increased glide, especially in double pole.

CLIMB PERFORMANCE

The climbing score represents how well a given ski performs while climbing moderate to steeper gradients. This score assumes that the ski has been set up in the maximum-grip configuration, for example: full length skin for the BC Downhill models, and Transition skin or Integrated skin for BC Touring models.

DOWNHILL PERFORMANCE

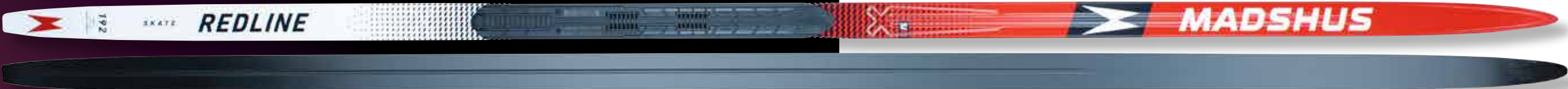
The downhill performance score seeks to rate how well each model is equipped to handle steeper downhill terrain. Wider skis with a tighter turning radius will generally rate higher in this score.

ROLLING TERRAIN

The rolling terrain score represents how efficiently each BC ski can travel across flat terrain with some small hills mixed in. This assumes that BC Downhill skis are being used with the Omnigrip pattern or an Intelligrip skin, and that the BC Touring models are using an Intelligrip Transition skin or the Integrated skin.

REDLINE SKATE, LTD

NEW



THE REDLINE SKATE F2 is our fastest skate racing ski and is built with one goal in mind: to get you to the finish line first. The F2 model is built with moderately long pressure zones to improve top-end glide in hard and fast snow conditions, and our long groove to improve stability and maximize control.

Item: N22008
Redline 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: F2
Binding plate: NIS 7.
Javelin tip.



LEVEL		RACE	
CATEGORY		SKATE	
Stability Control	Glide	Lightness	Dynamic Response Energy Return

NEW



THE REDLINE SKATE F3 is a World Cup quality skate ski built with one goal in mind: to get you to the finish line first. The F3 model is built with relatively short pressure zones to maximize acceleration, particularly in softer snow conditions, and our unique tail-only groove to further improve biomechanical efficiency and maintain momentum regardless of the conditions.

Item: N22009
Redline 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: F3
Binding plate: NIS 7.
Javelin tip.



LEVEL		RACE	
CATEGORY		SKATE	
Stability Control	Glide	Lightness	Dynamic Response Energy Return

NEW

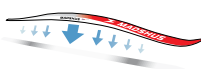


THE REDLINE SKATE LTD features our World Cup winning P340 Green base material. Like our other skis, the P340 Green base material is fluor-free, but unlike our other base materials the P340 Green provides the absolute best glide in old and/or wet granular snow (corn snow). Everything about these skis have been designed for these conditions: progressive pressure zones, a unique laminate construction, and a long groove for improved stability over clumpy snow that is typical after multiple cycles of thawing and refreezing.

Item: N22010
Redline Skate LTD
Length: 182-192/5
Sidecut: 41-44-44

Weight: 950gr/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction.
Base: P340 Green.

Camber: LTD
Binding plate: NIS 7.
Javelin tip.



LEVEL		RACE	
CATEGORY		SKATE	
Stability Control	Glide	Lightness	Dynamic Response Energy Return

REDLINE CLASSIC, SKIN

NEW



THE REDLINE CLASSIC COLD is a World Cup quality specialty classic ski for racing in cold, new-snow conditions. Features the new Force Multiplay core construction for more distinct grip at the same time we increase the snow-touch. This ski works best when waxed with thin layers of hardwax, as the camber is low and long to maximize the surface area of the wax pocket and help maintain easy access to grip even when the snow is loosely packed, as is often the case in new and falling snow conditions. To further optimize for these snow conditions, the pressure zones of the Redline Classic Cold are relatively long, helping to distribute the skier's weight more evenly and reduce the local pressure of the base against the snow. As with all our other Redline classic skis, the camber of the Redline Classic Cold is developed to react dynamically to the force you generate. The wax pocket is designed to remain open during double poling for near-frictionless glide, and to close symmetrically from both the front and the rear of the pocket. Doing so means that your kicking force is better distributed across the whole wax zone helping to maximize the total grip force that can be generated, resulting in better grip the harder you kick!

Item: N22002
Redline 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/
Binding plate: MOVE™ 3.0



LEVEL		RACE		
CATEGORY		CLASSIC		
Stride	Stability Control	Lightness	Double Pole	Dynamic Response Energy Return
●	●	●	●	●

NEW



THE REDLINE CLASSIC WARM is a World Cup quality classic ski. The ski is designed for use with klister and covered klister waxes but can work with thicker applications of hardwax as well. As a result, the camber height strikes a good balance between being high enough to provide carrying capacity for the majority of klister applications, while still being low enough to provide ample grip with hardwax. Medium to short pressure zones make this the true all-arounder in the Madshus Redline Classic lineup.

Item: N22003
Redline 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 Medium/
Madshus Speed Tip Plus
Binding plate: MOVE™ 3.0



LEVEL		RACE		
CATEGORY		CLASSIC		
Stride	Stability Control	Lightness	Double Pole	Dynamic Response Energy Return
●	●	●	●	●



NEW



THE REDLINE SKIN is a racing quality skin ski for classic technique training and racing. Featuring a similar construction to the rest of our Redline Classic skis, but with an integrated 100% mohair skin in the wax pocket, the Redline Skin provides consistent grip and glide in all conditions without the need for grip waxes.

Item: N22007
Redline Skin
Length: 182-207/5
Sidecut: 43-44-44

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

Camber: Skin
Binding plate: MOVE™ 3.0

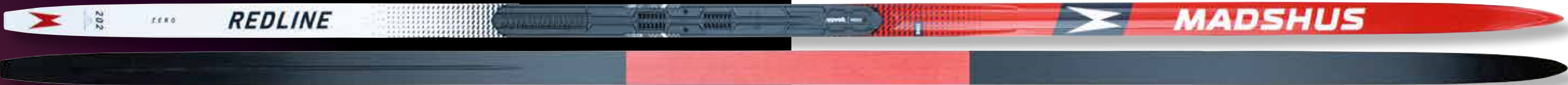


LEVEL		RACE		
CATEGORY		SKIN		
Grip	Stability Control	Stride	Lightness	Double Pole
●	●	●	●	●



REDLINE ZERO, LTD, DOUBLE POLE

NEW



THE REDLINE ZERO is a World Cup quality specialty classic ski for racing in tricky waxing conditions around zero degrees Celsius. The headline feature of this ski is a base material insert made from a blend of rubber and polyethylene placed in the grip zone of the ski. When roughened with sandpaper, this inserted base material can provide better grip than hardwax and better glide than klister. The ski performs at its best in high humidity and glazed tracks around zero degrees Celsius, but the use range can be expanded by using finer or coarser sandpaper to tailoring the grip zone to match the conditions.

Item: N22006
Redline Zero
Length: 192-207/5
Sidecut: 43-44-44

Weight: 910gr/187cm (pair)
Core: PR100X and Triaxial carbon.

Base: P300 Nano w/
Rubber insert
Camber: Classic Low
Binding plate: Move 3.0



LEVEL CATEGORY		RACE CLASSIC		
Stride	Stability Control	Lightness	Double Pole	Dynamic Response Energy Return
○	○	○	○	○



NEW



MADSHUS REDLINE DOUBLE POLE skis are modified classic skis which have been designed to optimize performance in long distance double pole races. Dynamic camber works to maintain optimal glide zones through the loading and unloading phases of double poling. Generates more grip force while keeping the wax free off the snow. The skis seek to maintain maximum speed and momentum over varying ski conditions as changeable conditions are often seen over the course of marathon races.

Item: N22005
Redline Double Pole
Length: 197 & 207
Sidecut: 43-44-44

Weight: 920g/187cm (pair)
Core: PR 100X & Triaxial Carbon Construction
Base: P300 Nano

Camber: Double Pole
Binding plate: Move 3.0



LEVEL CATEGORY		RACE DOUBLE POLE		
Stability Control	Lightness	Double Pole	Dynamic Response Energy Return	
○	○	○	○	



NEW



THE REDLINE CLASSIC LTD is a World Cup quality specialty classic ski featuring an all-new fluorocarbon-free base material, which provides exceptional performance when the snow conditions are right. Dynamic camber closes smoothly from both ends of the wax pocket. Generates more grip force while keeping the wax free off the snow. The ski is at its best when the snow is warm, wet, and has a large corn structure. This ski has the highest camber of any of our Redline Classic skis, which matches perfectly with the klister conditions that this ski will almost always be used in.

Item: N22001
Redline Classic LTD
Length: 192-207/5
Sidecut: 43-44-44

Weight: 910g/187 cm(pair).
Core: PR100X and Triaxial carbon
Base: P340 Green

Camber: Classic High
Binding plate: Move 3.0



LEVEL CATEGORY		RACE CLASSIC		
Stride	Stability Control	Lightness	Double Pole	Dynamic Response Energy Return
○	○	○	○	○



REDLINE

CLASSIC JR, SKATE JR

NEW



REDLINE CLASSIC JR

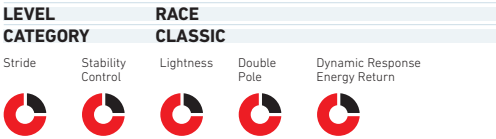
The Redline Classic Jr is a versatile classic racing ski that features similar construction and materials to our World Cup quality Redline skis, however this ski is designed to fit the body size and weight of junior athletes. This is a ski for ambitions young athletes looking to develop their speed and skills.

Item: N22042
Redline Classic JR
Length: 147-187/10.

Sidecut: 44-42-44
Weight: 775/157 cm (pair)
Core: PR90

Base: P300 Nano
Camber: Jr. Classic.
Binding plate: NIS 7-click

FLUOR
FREE
SKI BASES



NEW



REDLINE SKATE JR

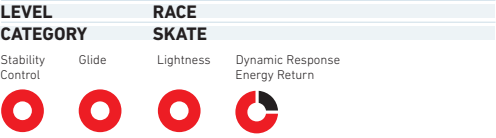
The Redline Skate Jr is a versatile skate racing ski that features similar construction and materials to our World Cup quality Redline skis, however this ski is designed to fit the body size and weight of junior athletes. This is a ski for ambitions young athletes looking to develop their speed and skills.

Item: N22049
Redline Skate JR
Length: 142-172

Sidecut: 41-44-44
Weight: 775/157 cm (pair)
Core: PR90

Base: P300 Nano
Camber: Jr. Skate.
Binding plate: NIS 7-click

FLUOR
FREE
SKI BASES



Every world champion started somewhere, and the Redline Jr models are the best choice to take today's youngsters to the top, now and in the future.

The Redline Jr skis feature construction methods and materials used in our top-of-the-line World Cup racing skis. However, the Redline Jr skis are designed and developed to better fit the movement patterns, body size and weight of junior athletes, providing a serious racing ski for ambitious athletes looking to develop their speed and skill.

SKIN SERIES

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!



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.



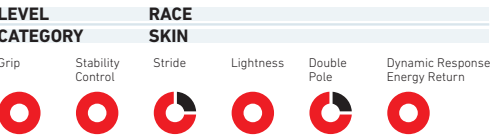
RACE PRO SKIN

The Race Pro Skin delivers the perfect combination of grip and glide for technically proficient skiers looking for a racing skin ski. As a part of our Race Class skin skis, the ski features a livelier camber and a shorter, more recessed skin than our touring and training models. The Madshus Integrated skin is made from 100 percent mohair, which combined with a livelier camber, provides better glide and rewards proficient skiers with solid kick and good technique.

Item: N21107
Race Pro Skin
Length: 182-207/5
Sidecut: 43-44-44

Weight: 1000gr/187cm (pair)
Core: PR 100X & Triaxial Carbon Construction
Base: P300 Nano + 100% Mohair

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



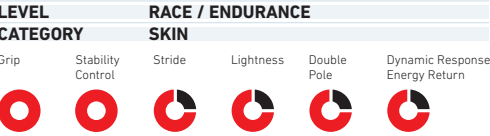
RACE SPEED SKIN

Features the new Force Multiplay core construction for more distinct grip at the same time we increase the snowtouch. The Race Speed Skin is a fantastic choice for training and racing when you don't want to deal with applying klister or kick wax. The Madshus Integrated Skin is made from 70 percent mohair and 30 percent nylon. The length and thickness profile of the skin is carefully selected to work in all snow conditions, so you can spend less time waxing and more time skiing!

Item: N21257
Race Speed Skin
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





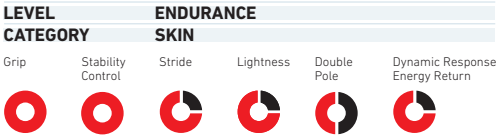
ENDURANCE SKIN

The lightweight construction of the Endurance Skin is designed for long weekend tours in the mountains; Features the new Force Multiplay core construction for more distinct grip at the same time we increase the snowtouch. but is also perfectly suited for blasting around the local tracks after work. The new lightweight core material significantly decreases weight, increases responsiveness, and makes for a more enjoyable on-snow experience! Rock-solid grip in all conditions is provided by the skin-specific camber profile and our durable integrated skin made from 70 per mohair and 30 percent nylon. With the Madshus Endurance Skin, changeable conditions and lack of time are no longer an excuse not to get out and ski!

Item: N21297
Endurance Skin
Length: 182-207/5
Sidecut: 43-44-44

Weight: 1094gr/187cm (pair)
Core: AstaraLite
Base: P190 Nano Universal
+ Mohair mix

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



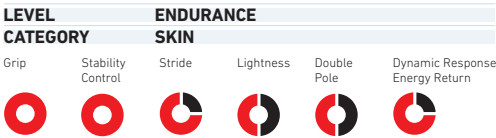
ACTIVE PRO SKIN

The Active Pro Skin is designed for touring and training on groomed tracks. With an Integrated Skin made from 70 percent mohair and 30 percent nylon and our skin-specific camber, the Active Pro Skin is engineered to provide an enjoyable skiing experience in all snow conditions. This means you can spend more time skiing and less time waxing; and the perfect choice for people starting out in the sport and looking to simply ski!

Item: N21377
Active Pro Skin
Length: 182-207/5
Sidecut: 43-44-44

Weight: 1148gr/187cm (pair)
Core: Polycell & Torsion
Cap 3D
Base: P170 Nano Universal
+ Mohair mix

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



ACTIVE SKIN

Designed for easy handling and solid performance in all conditions, the Madshus Active Skin features an integrated mohair and nylon skin that provides consistent, reliable grip, while the P-2000 base delivers good glide in all conditions– all without applying kick wax or klister!

Item: N21344
Active Skin
Length: 177-207/5
Sidecut: 44-42-43

Weight: 1150gr/187cm (pair)
Core: Paulownia Carbon
Hybrid & Torsion Cap

Base: P-Tex 2000 Electra +
Mohair mix
Binding plate: MOVE™ 3.0
Tail protector



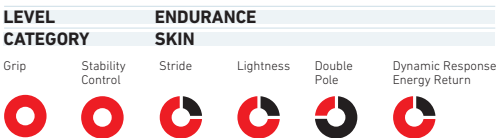
NORDIC PRO SKIN

Featuring a wider construction and a sidecut perfectly suited to maximize stability, the Nordic Pro Skin is designed for touring and recreation. With an integrated skin made from 70 percent mohair and 30 percent nylon, combined with our skin-specific camber, the Nordic Pro Skin provides an enjoyable skiing experience in all conditions. This means you no longer need to apply klister or kick wax and can spend more time skiing.

Item: N21487
Nordic Pro Skin
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





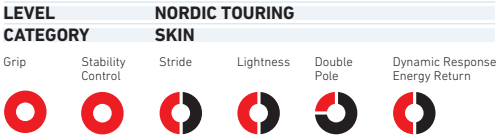
NORDIC SKIN

The Madshus Nordic skin is a touring ski designed with beginner and intermediate skiers in mind. The ski is engineered with a sidecut specifically tuned to improve stability and make skiing easy. The integrated mohair and nylon skin ensures that you always have reliable grip and good glide, so you don't even need to worry about kick wax.

Item: N21447
Nordic Skin
Length: 177-207/5

Sidecut: 48-44-46
Weight: 1220gr/187cm (pair)
Core: Paulownia Carbon
Hybrid & Torsion Cap 3D

Base: P-Tex 2000 Electra +
Mohair mix
Binding plate: MOVE™ 3.0



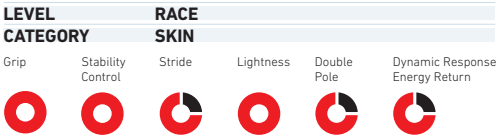
RACE PRO SKIN JR

Combining our successful skin ski technology with the construction of the Race Pro Classic Jr ski, makes Race Pro Skin Jr the perfect junior skin ski for training and racing. The ski features a high-speed race base for great glide, while the skin made from 70 percent mohair and 30 percent nylon delivers an ideal balance of grip and glide to help young athletes build skills and confidence. The Race Pro Skin Jr is a great choice for any junior wanting to spend more time skiing and less time waxing!

Item: N21147
Race Pro Skin Jr
Length: 147-177/10, 172

Sidecut: 44-42-44
Weight: 789gr/157cm (pair)
Core: Torsion cap 3D, Polycell

Base: P190 Nano
Universal + Mohair mix
Binding plate: NIS JR/7



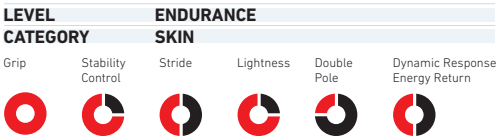
ACTIVE SKIN JR

The Active Skin Jr is perfect for young skiers looking for a waxless classic ski. Whether training, racing, or skiing for fun, the Active skin provides junior skiers with reliable grip from the durable mohair and nylon skin, while the P-2000 base delivers great glide, and makes for an enjoyable skiing experience.

Item: N21812
Active Skin Jr
Length: 117-167/10

Sidecut: 44-42-43
Weight: 875gr/157cm (pair)
Core: Paulownia Carbon
Hybrid & Torsion Cap

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



NEW



RACELIGHT SKIN

The new Madshus Racelight Skin ski sets ambitious aspiring cross-country champions up for success with a performance-oriented waxless ski in an affordable and kid-friendly package. The Racelight series features a durable, lightweight construction and an easy-to-use binding plate. The mohair/nylon skin provides reliable grip and makes it easier for young skiers to get consistent kick while still maintaining glide.

Item: N22877
Racelight Skin
Length: 90-170/10

Sidecut: 48-48-48
Weight: 825gr/127cm (pair)
Core: Multicore

Base: Polytex + Mohair mix
Binding plate: NEMO SCR



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

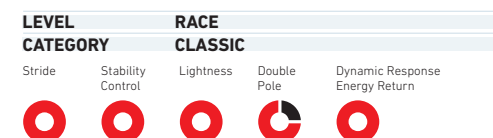
The Race Pro Classic takes its DNA from the materials and camber construction of our race-proven Redline series. Due to the heavy Redline-inspired design, the Race Pro Classic provides premium performance at a price that won't break the bank. The Race Pro is built with a dynamic camber that excels in hard-wax conditions, while still providing enough camber height and volume to accommodate klister when the need arises.

Item: N21102
Race Pro Classic
Length: 182-207/5

Sidecut: 43-44-44
Weight: 993g/187cm (pair)
Core: PR 100X & Triaxial
Carbon Construction

Base: P300 Nano
Camber: Classic Universal/
Madshus Speed Tip Cold
Binding plate: MOVE™ 3.0

FLUOR
FREE
SKI BASES



RACE SPEED CLASSIC

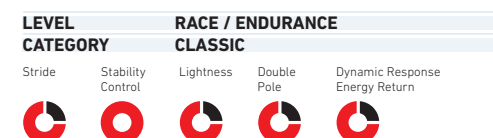
With a camber design and construction directly inspired by our World Cup-level Redline series. Features the new Force Multiplay core construction for more distinct grip at the same time increased snowtouch. the Race Speed Classic offers very easy grip without compromising glide. The carbon construction makes the Race Speed Classic a light and lively ski, equally well-suited for everyday training as for racing.

Item: N21252
Race Speed Classic
Length: 182-207/5

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

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

FLUOR
FREE
SKI BASES





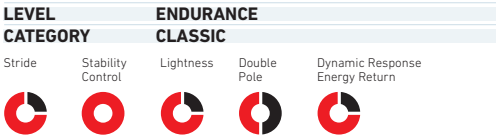
ENDURANCE CLASSIC

The ideal choice for both fast fitness workouts and long weekend tours. Features the new Force Multiplay core construction for more distinct grip at the same time we increase the snowtouch. The Madshus Endurance Classic is a lightweight ski built to maximize enjoyment in the mountains, through the forest, and wherever else your ski tours take you. The new lightweight core material significantly decreases weight, increases responsiveness, and makes for a more enjoyable on-snow experience!

Item: N21292
Endurance Classic
Length: 182-207/5

Sidecut: 43-44-44
Weight: 1094gr/187cm (pair)
Core: AstaraLite
Base: P190 Nano Universal

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



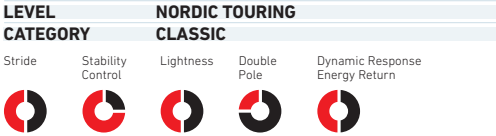
ACTIVE CLASSIC

The Active Classic is a lightweight touring and training ski. The ski is built with a sidecut that makes the ski wider in the tip and tail, which improves ski stability and makes the Active Classic a great choice for exploring the trails comfortably and confidently.

Item: N21342
Active Classic
Length: 177-207/5

Sidecut: 44-42-43
Weight: 1148g/190cm (pair)
Core: Paulownia Carbon

Hybrid & Torsion cap
Base: P-TEX 2000 Electra
Binding plate: MOVE™ 3.0
Tail protector.



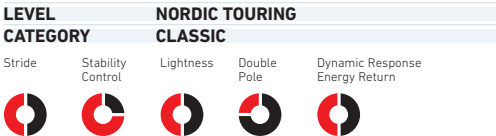
ACTIVE MGX

The Active MGX is a lightweight touring and training ski. The ski is engineered with a sidecut that makes the ski wider in the tip and tail, which improves stability. Our MGX waxfree profile in the kick zone and a durable P-Tex base for great glide in all conditions, is making the Active MGX a great choice for exploring the trails comfortably and confidently.

Item: N21348
Active MGX
Length: 177-207/5

Sidecut: 44-42-43
Weight: 1150gr/190cm (pair)
Core: Paulownia Carbon

Hybrid & Torsion cap
Base: P-TEX 2000 Electra
Binding plate: MOVE™ 3.0
Tail protector



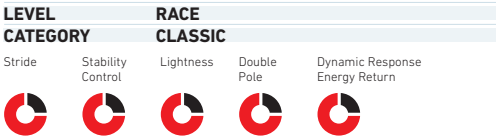
RACE PRO CLASSIC JR

The Race Pro Classic Jr is a great option for young athletes starting out in the sport of cross-country skiing. With construction and camber designed to maximize stability and grip, the Race Pro Classic Jr helps build confidence and skills while allowing for all-day play and simply making skiing more fun!

Item: N21142
Race Pro Classic Jr
Length: 147-177/10

Sidecut: 44-42-44
Weight: 789gr/157cm (pair)
Core: Polycell & Torsion
Cap 3D

Base: P190 Nano Universal
Binding plate: JR/7





ACTIVE UNIVERSAL JR

The Active Universal Jr is a durable ski for young skiers who are new to the sport of cross-country skiing. The camber and geometry allow them to use the same ski for both skate and classic skiing and provides a great way for juniors to build their confidence and develop their skills in both techniques.

Item: N21813
Active Universal JR
Length: 117-167/10

Sidecut: 44-42-43
Weight: 875gr/160cm (pair)
Core: Paulownia Carbon

Hybrid & Torsion Cap
Base: P-TEX 2000 Electra
Binding plate: JR



LEVEL CATEGORY		NORDIC TOURING CLASSIC		
Stride	Stability Control	Lightness	Double Pole	Dynamic Response Energy Return

NEW



RACELIGHT MG

The Racelight MG sets ambitious kids up for success with a ski that 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: N22879
Racelight MG
Length: 90-170/10

Sidecut: 48-48-48
Weight: 825g/127cm (pair)
Core: Multicore (Wood) &

Torsion cap
Base: No Wax
Binding plate: NEMO SCR



LEVEL CATEGORY		KID CLASSIC		
Stride	Stability Control	Lightness	Double Pole	Dynamic Response Energy Return



SNOW PUP 85

The Snow Pup has a wide and stable construction, and a unique NoWax base for easy snow exploration. We've included a universal step-in binding platform, which provides season-to-season versatility that keeps up with growing feet and allows the use of regular winter footwear with the ski. 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

FLUOR FREE SKI BASES



SKATE SERIES

The Madshus Skate series contains models perfect for people of all skill levels to enjoy skate skiing. Race Pro, Race Speed, and Endurace 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 flagship model, the Redline Carbon Skate. With numerous Olympic and World Cup victories on its resume, this is a serious high-end ski with proven performance at the highest level. With a lower price tag compared to the Redline 3.0, the Race Pro Skate ski offers a more affordable way to put skis on your feet that will help you achieve your goals. The carbon construction of the Race Pro Skate provides a powerful and stable platform, as well as our top level P300 Nano base to help you set the pace. The universal camber profile designed to handle all snow condition makes this ski a versatile option for any ambitious racer.

Item: N21119
Race Pro Skate
Length: 172-192 RSL/5

Sidecut: 44-43-44
Weight: 993gr/187cm (pair)
Core: Core: PR 100X & Triaxial
Carbon Construction

Base: P300 Nano Universal
Camber: Skate Medium/
Madshus Speed Tip Cold
Binding plate: NIS 7

FLUOR
FREE
SKI BASES



RACE SPEED SKATE

The Race Speed Skate is the perfect ski for conquering both race day and every day. Featuring race-proven geometry and carbon construction directly inspired by our World Cup-level Redline series, high-quality base material, and a universal skate camber engineered to handle all conditions, the Race Speed Skate is a solid choice and represents exceptional value for money.

Item: N21254
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

FLUOR
FREE
SKI BASES



ENDURANCE SKATE

The Endurance Skate is a training and skate touring ski engineered to maximize enjoyment in the mountains, through the forest, and wherever else your ski tours take you. Race-inspired geometry and sidecut make the ski stable at all speeds, providing precision and control. The new lightweight core material AstaraLite significantly decreases weight, increases responsiveness, and makes for a more enjoyable on-snow experience!

Item: N21294
Endurance Skate
Length: 172-192 RSL/5

Sidecut: 44-43-44
Weight: 1094gr/187 (pair)
Core: AstaraLite
Base: P190 Nano Universal

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

FLUOR
FREE
SKI BASES



ACTIVE PRO SKATE

The Active Pro Skate has a distinct sidecut specifically designed to provide extra stability, ultimately improving on-snow experience in all conditions and varying terrain. More confidence on your skis will allow you to focus on developing your skills and enjoy nature at your own pace.

Item: N21373
Active Pro Skate
Length: 172-192 RSL/5

Sidecut: 44-40-44
Weight: 1148gr/187cm (pair)
Core: Polycell & Torsion
Cap 3D

Base: P170 Nano Universal
Camber: Skate Medium/
Madshus Speed Tip Cold.
Binding plate: NIS 7

FLUOR
FREE
SKI BASES



ACTIVE SKATE

Designed for easy handling and solid performance, the Madshus Active Skate will speed up your learning curve and get you enjoying skate skiing as quickly as possible, while keeping up with your inevitable skill progression. The improved confidence that beginner and intermediate skiers receive from the ski construction will help them develop a more efficient and dynamic push, as well as a longer and more comfortable gliding phase.

Item: N21343
Active Skate
Length: 167-192/5

Sidecut: 44-40-44
Weight: 1150gr/187cm (pair)
Core: Paulownia Carbon
Hybrid & Torsion cap

Base: P-TEX 2000 Electra
Binding plate: NIS 7
Tail protector

FLUOR
FREE
SKI BASES



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 ski is based on the same construction and materials used in our senior models, but the geometry is adjusted to fit the proportions and weight of junior skiers. With an emphasis on stability, the Race Pro Skate Jr is the perfect ski for building confidence, improving balance and skills, which helps your junior advance to the next level and have fun doing it!

Item: N21149
Race Pro Skate JR
Length: 142-167/5 RSL

Sidecut: 44-43-44
Weight: 789gr/157 cm (pair)
Core: Polycell & Torsion
Cap 3D

Base: P190 Nano Universal
Binding plate: NIS JR/7

FLUOR
FREE
SKI BASES



ACTIVE SKATE JR

The Active Skate Jr is the perfect choice for young skiers interested in learning how to skate ski. With a durable construction and geometry specifically designed to suit younger skiers' size and weight, this ski will stand up to any rambunctious junior as they train, race and have fun all day long.

Item: N21814
Active Skate JR
Length: 117-157/10

Sidecut: 44-42-43
Weight: 875gr/157cm (pair)
Core: Paulownia Carbon
Hybrid & Torsion cap

Base: P-TEX 2000 Electra
Binding plate: NIS JR

FLUOR
FREE
SKI BASES

BACK COUNTRY SERIES



FJELLTECH M44 SKIN

This ski will conquer it all. Fjelltech M44 goes seamlessly from groomed tracks and trails to firm off-track terrain. The integrated skin ensures reliable kick and smooth glide, while the steel edge provides excellent control in icy conditions.

Item: N21968
Fjelltech M44 SKIN
Length: 177, 187, 192, 202

Sidecut: 54-44-49
Weight: 1760gr/187 cm (pair)
Core: Paulownia Carbon
Hybrid glass

Base: P-Tex 2000 Electra
+ Mohair mix
Binding plate: MOVE™ 3.0



FJELLTECH M50 SKIN

Fjelltech M50 is a do-it-all Nordic touring ski with integrated skin in the kick wax zone. With a 50mm waist, the M50 is the wider of the two Fjelltech models, providing to a more stable and controllable ski for ungroomed terrain. However, the Fjelltech M50 is still skinny enough to cruise the classic tracks, and like its skinnier brother, the M44 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 skin will make sure you always have reliable kick and a smooth glide. NEW: Fjelltech now comes with the interface plate required for Move binding.

Item: N21967
Fjelltech M50 SKIN
Length: 177, 187, 192, 202

Sidecut: 60-50-55
Weight: 1780gr/187 cm (pair)
Core: Paulownia Carbon
Hybrid & Triaxial Cap

Base: P-Tex 2000 Electra
+ Mohair mix
Binding plate: MOVE™ 3.0



Panorama skis are the first to feature our IntelliGrip® Transition system, and this increased flexibility makes 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.

NEW



PANORAMA T50

Panorama M50 is the narrowest ski in the Panorama backcountry series, and significantly lighter than the previous model due to the all-new Paulownia ski core. The narrower profile is perfect for firmer snow conditions, where less surface area is needed to keep the ski riding above the snow. The T50 is unique in the Panorama line because it has a steel edge which starts at the forebody, which adds stability and control to the tip of the ski. Intelligrip transition skin system for removable skin ensures wide range of use in varying temperatures and snow conditions.

Item: N22966
Panorama T50
IntelliGrip® Transition
Length: 177, 182, 192, 202

Sidecut: 60-50-55
Weight: 1380/192cm (pair)
Core: Paulownia Carbon
Hybrid Cap

Base: P-TEX 2000
Electra & Skin Pocket

FLUOR
FREE
SKI BASES

IntelliGrip
TRANSITION

NEW



PANORAMA T55

The Panorama T55 is right in the middle of our Panorama line of backcountry skis, with features and construction that makes it an ideal all-around backcountry ski. The T55 comes with our all-new Paulownia ski core, which makes the T55 significantly lighter than the previous model and has a profile that performs equally well in soft conditions as in firm snow. The T55 also features a steel edge that runs the entire length of the ski, providing maximum edge control in all conditions. The ski is also IntelliGrip® Transition skin 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: N22940
Panorama T55
IntelliGrip® Transition
Length: 177, 182, 192, 202

Sidecut: 68-55-62
Weight: 1490/192cm (pair)
Core: Paulownia Carbon
Hybrid & Triaxial Cap

Base: P-TEX 2000 Electra
& Skin Pocket

FLUOR
FREE
SKI BASES

IntelliGrip
TRANSITION



PANORAMA M62

The Panorama M62 represents the bridge between our Madshus Nordic heritage and innovative backcountry downhill design. The Panorama M62 has a higher camber and a narrower platform than the Panorama M68 or Panorama M78, but features the same reliable Omnitrack® waxless base for grip and propulsion, making it the perfect blend of efficiency and versatility for off-trail travel.

Item: N21871
Panorama M62
Length: 162, 172, 182, 192, 202

Sidecut: 83-62-70
Weight: 1890gr/192cm (pair)

Core: Multicore (Wood) & Triaxial Cap
Base: MGV Omnigrip



PANORAMA M68

The Panorama M68 is a rugged backcountry ski built to cover long distances and handle a variety of terrain. The Omnitrack® waxless base provides reliable grip and efficient propulsion over rolling terrain, while the progressive sidecut delivers a lively feel and the full-length steel edge ensures optimal edge control in icy conditions, allowing you to enjoy your turns in the backcountry, no matter what the mountains or the weather throws at you.

Item: N21870
Panorama M68
Length: 162-192/10

Sidecut: 99-68-84
Weight: 2530gr/182 cm (pair)

Core: Multicore (Wood) & Triaxial Cap
Base: MGV Omnigrip



PANORAMA M78

Panorama M78 is the widest ski in the Madshus backcountry line. The Panorama 78 is a genuine blend of Madshus Nordic heritage and modern exploration. The sidecut profile provides the tightest turning radius of any Madshus ski, helping you conquer steep terrain and multi-day tours. Our Omnitrack® waxless base lets you efficiently kick, glide, and climb during long tours through changing conditions, while the full-length steel edge provides maximum edge control in icy conditions.

Item: N21869
Panorama M78
Length: 162-192/10

Sidecut: 109-78-95
Weight: 2530gr/182 cm (pair)

Core: Multicore (Wood) & Triaxial Cap
Base: MGV Omnigrip





BOOTS

MADSHUS RED	SKATE/ UNIVERSAL	CLASSIC	JUNIOR	BACKCOUNTRY
Redline Classic	Race Pro Skate	Race Pro Classic	Redline JR	Panorama Explorer
Redline Skate	Race Speed Skate	Race Speed Classic	Race Speed JR	Panorama MNT
Redline Skiathlon	Endurace Skate	Endurace Classic	Raceline JR	Fjelltech
Redline JR	Race Speed Universal	Active Classic	Butterfly	
	Endurace Universal	Active Universal		
		Nordic Classic		

Overview boot technology



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



RACE WRAP™ conform to the foot with minimal seams, providing smooth, even pressure distribution throughout the boot. The Race Wrap technology creates inner support for the mid-foot through an integrated web construction that directly connects to the carbon base, through a reinforced eye stay. This delivers a high-performance fit that is snuggler and more comfortable while allowing for a more precise connection with the ski.



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.



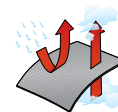
MEMORY HEEL Soft, memory foam heel construction conforms to the shape of your heel, whatever its shape, to comfortably hold and stabilize the foot for skiing.



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 snuggler, more comfortable fit, leading to precise control of your skis.



SOFTSHELL Madshus boots feature 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.

REDLINE BOOTS

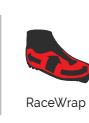
REDLINE CLASSIC

The Redline Classic delivers both performance and comfort with our super light carbon construction and the brand-new RaceWrap low-cut liner technology. The Integrated Carbon Base is sculpted to provide 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 the torsional rigidity and heel hold that only a carbon composite boot construction can deliver. Additionally, the Redline Classic boot features built-in MemoryFoam that conforms to the contours of the foot and delivers secure heel hold for even the most difficult-to-fit feet. The brand-new RaceWrap low-cut liner construction provides a more contoured and comfortable fit through the arch and forefoot. Weighing only 320g/size 42, this boot will help you reach your goals in comfort.

Item: N210400401
Redline Classic
Sizes: 37-48
1/2 size: 39.5-44.5

Base: Integrated Carbon Classic
Outsole: Rottefella Xcelerator SSR.

Upper: Softshell without fleece.
Inner boot: Race wrap



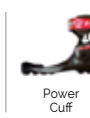
REDLINE SKATE

Accelerate your performance with the most advanced Madshus ski boot yet! The new Redline Skate boot is engineered to provide even more stability, power and control. Weighing in at only 445 grams (size 42), the new Redline Skate boot features a stiffer, interchangeable/removable Power Cuff, and our totally redesigned Redline Integrated Carbon Base, which increases stability around the heel, as well as greatly improving the overall fit through the arch and forefoot. The brand new RaceWrap low-cut liner construction provides a more contoured, more comfortable fit so you have maximum control over your skis.

Item: N210400101
Redline Skate
Sizes: 37-48
1/2 size: 39.5-44.5

Cuff: Redline Carbon Base: Integrated Carbon Base: Redline Skate
Outsole: Madshus Elite

Upper: Softshell without fleece.
Inner boot: Race wrap



REDLINE SKIATHLON

The Redline Skiathlon boot is built on the same 3D-shaped last as the all-new Redline Skate boot. The new Integrated Carbon Base and Performance Cuff are designed to seamlessly handle the challenges of both skate and classic skiing, providing a stable platform for a powerful skate push and flexible sole for efficient and comfortable kick and diagonal striding, as well as effortless glide in both techniques. In fact, we recommend you try the new Redline Skiathlon boot for marathon races: the increased support will help prevent fatigue and keep you striding strong all the way to finish line.

Item: N210400201
Redline Skiathlon
Sizes: 37-48

Cuff: Performance Base: Integrated Carbon Outsole: Rottefella F1

Upper: Softshell without fleece.
Inner boot: Race wrap



REDLINE JR

Redline JR features the same performance-oriented styling as the Redline adult boots, but with key differences that allow this boot to work for both skating and classic skiing: The boot is engineered with a soft forefoot flex for efficient classic striding, and a supportive ankle cuff that provides added stability for a powerful push-off when skating. The Redline JR also features our internal lacing finger system that provides a secure fit, while the water-resistant, breathable softshell upper keep feet dry and warm, allowing aspiring skiers to spend hours in the snow. Like the adult Redline boots, the Redline JR features a two-piece integrated outsole – a unique feature in the world of junior ski boots!

Item: N210401001
Redline JR
Sizes: 36-42

Cuff: Performance Heel counter: Integrated Power Base

Outsole: Elite Upper: Softshell Innerboot: RevoWrap



JR

NEW



RACE PRO SKATE

A more affordable high-end racing alternative to the flagship Redline Skate boot, the Race Pro boot line comes with many of the same features as our top model, providing 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 makes this boot a great choice for skiers who find our Redline boot too tight, or who need thicker socks or foot warmers to stay comfortable.

Item: N220400101 Race Pro Skate Sizes: 37-48	Cuff: Performance Base: Integrated Power Base	Outsole: Madshus Elite (2 pc) Upper: Softshell w/fleece Innerboot: Race wrap
--	---	--



RACE SPEED UNIVERSAL

Balancing the needs of skate and classic boots is no easy task, but through careful material and feature selection we've created the Race Speed Universal – a boot that's equally efficient and comfortable for skating as well as for striding. The boot has a flexible forefoot construction to prevent pain and provide a precise kick when classic striding, a stable ankle cuff to provide lateral support when skating, and the Madshus performance outsole for durable performance in both techniques, making the boot an excellent choice regardless of your skiing technique. The Race Speed Universal is also a good option for skiers who prefer more control than a typical classic boot provides, with an ankle cuff that will boost your confidence on steep and twisty descents.

Item: N210400601 Race Speed Universal Sizes: 35-48	Cuff: Performance Heel Counter: 180 Skate Outsole: Madshus Performance	Upper: Softshell Innerboot: RevoWrap
--	---	---



RACE SPEED SKATE

Racing-level stability and performance at an attractive price point: The Race Speed Skate boot is packed with technical features often associated with more expensive models. The 180° heel counter and the new race-shaped ankle cuff provide stiffness and stability, while the water-repellent, breathable softshell lace cover protects your feet from the elements and our Madshus performance outsole provides the final link between boot and ski. In short, the Race Speed boot delivers both high performance and all-day comfort at an exceptional value.

Item: N210400501 Race Speed Skate Sizes: 35-48	Cuff: Performance Heel Counter: 180 Skate Outsole: Madshus Performance	Upper: Softshell w/fleece Innerboot: RevoWrap
--	---	--



ENDURANCE UNIVERSAL

The Endurance U features the skate cuff and ankle support from the Endurance S skate boot and the forefoot flex from the Endurance classic boot. The result is 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 the RevoWrap lacing system that hugs your foot and provides even pressure distribution and a softshell lace cover, and you've got a boot that performs equally well for skating as for classic - your only challenge is deciding which technique to pick today!

Item: N220400501 Endurance U Sizes: 35-48	Cuff: Injected Heel counter: Polyamide Outsole: Madshus Performance	Upper: Softshell w/fleece Inner boot: RevoWrap
---	--	---



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, the softshell lace cover keeps your feet dry and comfortable. On the inside, the RevoWrap lacing system hugs your foot and provides an even pressure distribution, snugly holding your feet in the correct position to maintain proper skate technique.

Item: N220400401 Endurance Skate Sizes: 35-48	Cuff: Injected Heel counter: Polyamide Outsole: Madshus Performance	Upper: Softshell with fleece Inner boot: RevoWrap
---	--	--



NEW



RACE PRO CLASSIC

The Race Pro Classic has an even forefoot flex engineered for powerful striding with long, efficient glide between each kick. The snug fit from the heel counter construction 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 softshell lace cover keeps the snow out for full days of training and racing.

Item: N220400201 Race Pro Classic Sizes: 37-48	Base: Classic composite Outsole: Madshus Elite (2 pc)	Upper: Softshell with fleece Inner boot: Race wrap
 Lacing Fingers	 Softshell	 Pvc Free

RACE SPEED CLASSIC

Stiff where you need it, flexible where you want it: The Race Speed Classic boot flexes with your foot to provide stability, control, and feel – all without sacrificing comfort. The Race Speed Classic features the proven Performance outsole and the new 180° classic heel counter for improved stability and superior fit, while the lacing fingers system securely holds your foot in place, improving your technique and helping you get more glide out of every stride.

Item: N210400701 Race Speed Classic Sizes: 35-48	Heel Counter: 180° Classic Outsole: Madshus Performance	Upper: Softshell with fleece Innerboot: RevoWrap
 Lacing Fingers	 Softshell	 PVC Free

NEW



ENDURANCE CLASSIC

The Endurance Classic provides the comfort you need for hour after hour of classic skiing. Our RevoWrap lacing system keeps your foot in place and prevents uncomfortable rubbing or hotspots, while the Torsion Box Tongue provides added stability, ensuring that nothing holds you back while training, racing or just cruising the trails.

Item: N220400301 Endurance Classic Sizes: 35-48	Outsole: Madshus Performance Upper: Softshell w/fleece	Inner boot: RevoWrap
 Revowrap® Technology	 Softshell	 PVC Free

ACTIVE CLASSIC

The Active Classic is a supportive, comfortable ski boot for beginners and recreational skiers. The Active Classic has a higher collar than our other recreational ski boot models, providing an extra level of ankle support, so you have the confidence to handle downhill with ease. A modified heel construction contributes to hold your foot in place, particularly helpful for newer skiers who haven't yet built up their ankle strength. Combined with a flexible forefoot construction and a waterproof, breathable lacecover the boot lets you ski comfortably all day long.

Item: N220400901 Active Classic Sizes: 35-48	Heel counter: PVC Outsole: T4	Upper: Softshell Innerboot: Active Wrap
 Softshell	 Lacing Fingers	

ACTIVE UNIVERSAL

Active U is the same boot as our well-received Active C classic boot but fitted with a universal ankle cuff for added stability when skating – and more confidence to handle downhill in either technique. A modified heel construction contributes to hold your foot in place, particularly helpful for newer skiers who haven't yet built up their ankle strength. Combined with a flexible forefoot construction and a waterproof, breathable lacecover the boot lets you ski comfortably all day long, whether you choose to skate or stride.

Item: N220401001 Active Universal Sizes: 35-48	Heel counter: PVC Outsole: T4	Upper: Softshell Innerboot: Active Wrap
 Softshell		

NORDIC

The new Nordic boot is based on a stable and supportive construction designed to deliver a secure midfoot and rearfoot hold, and a smooth forefoot flex for hours of classic touring. Quick-lacing eye stays provides a snug, comfortable fit, while the water-resistant, breathable softshell lace cover helps keep feet dry and warm all day long.

Item: N220401101 Nordic Classic Sizes: 35-48	Outsole: T4 Black. Upper: Softshell Innerboot: Active Wrap	
 Lacing Fingers	 Softshell	

NEW



NEW



NEW



JR



RACE SPEED JR

The new Race Speed JR is a comfortable and reliable ski boot for both skate and classic technique. Designed for young skiers, the forefoot is flexible enough for classic striding, while the 180° heel counter provides lateral support and stiffness for skating, making the Race Speed JR just as well-suited and comfortable for skating as it is when striding in the tracks. The durable Madshus performance outsole provides added stability for both techniques. In short: Race Speed JR a solid choice for future Olympians.

Item: N210401101 Race Speed JR Sizes: 33-42	Cuff: Performance Heel counter: Integrated 180 Base	Outsole: Madshus Performance Upper: Softshell Innerboot: RevoWrap
---	---	--



Lacing
Fingers

Softshell

Pvc
Free

NEW

JR



RACELINE JR

The Raceline JR ski boot is the ticket to the top of the podium for first-time junior skiers. The boot features a durable Rottefella T4 JR outsole that will stand up to rugged snow play, and water-resistant, breathable softshell upper to keep feet warm and dry, letting your junior focus their attention on honing their skiing skills.

Item: N220401201 Raceline	Sizes: 25-40 Outsole: T4 JR Black	Upper: Softshell Innerboot: Active Wrap
------------------------------	--------------------------------------	--



Softshell

NEW

JR



BUTTERFLY

The girls' Butterfly ski boot is designed to deliver both comfort and style for aspiring skiers. With the same water-resistant and breathable softshell that's used in our adult line, your little skier will stay dry and warm during her winter explorations, while the durable Rottefella T4 JR outsole holds up to any kind of snow play. This boot pairs beautifully with the girl's Butterfly Ski.

Item: N220401301 Butterfly	Sizes: 25-37 Outsole: T4 JR	Upper: Softshell Innerboot: Active Wrap
-------------------------------	--------------------------------	--



Softshell

NEW



PANORAMA EXPLORER

The Panorama Explorer's enhanced heel hold combined with the instep Power-Strap, hinged cuff and new ratcheting cuff closure provide confident ski control on long tours, both in and out of the tracks. The tall softshell lace cover keeps the snow out, while the Thinsulate™ insulation keeps the heat in, making sure your feet stay warm, dry, and comfortable throughout the journey. Pair the Panorama Explorer boots with our new Madshus backcountry skis, and you know you can trust your equipment to keep up with your winter adventures!

Item: N220400701 Panorama Explorer Sizes: 36-48	Cuff: Injected Heel counter: Injected Skate	Outsole: Rottefella Explore Lace cover: Softshell Innerboot: High Cut RevoWrap Gaitor: Waterproof
---	---	--



High cuff
Rewowrap

Softshell

PVC
Free

NEW



PANORAMA MNT

The Panorama MTN's enhanced heel hold combined with the instep Power-Strap, hinged cuff and new ratcheting cuff closure provides confident ski control on long tours, both in and out of the tracks. The tall softshell lace cover keeps the snow out, while the Thinsulate™ insulation keeps the heat in, making sure your feet stay warm, dry, and comfortable throughout the journey. Pair the Panorama MNT boots with our new Madshus backcountry skis, and you know you can trust your equipment to keep up with your winter adventures!

Item: N220400601 Panorama MNT Sizes: 36-49	Cuff: Injected Heel counter: Injected Skate Outsole: Rottefella BC	Lace cover: Softshell Upper: High Cut RevoWrap Gaitor: Waterproof
--	---	---



High cuff
Rewowrap

Softshell

PVC
Free

NEW



FJELLTECH

Step into our new Fjelltech skiboot 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 softshell lace cover, while on the inside the Revo-Wrap lacing system hugs your foot and maintains even pressure distribution, snugly holding your feet in the correct position to maintain proper technique while skiing. This skiboots is designed for perform in both groomed trails or outside the traacks in the mountains.

Item: N220400801 Fjelltech Sizes: 35-48	Cuff: Injected Heel counter: Polyamide Outsole: Madshus Performance	Upper: High Cut RevoWrap Upper: Softshell with fleece Gaitor Waterproof
---	--	---



High cuff
Rewowrap

Softshell

PVC
Free

NEW



PODIUM BOOTIES
Podium Booties are warm, dry and comfortable winter-boots with easy access and Michelin high-friction outsole.

Item: N220401601 Fotbeed: Intuition Foam Outsole: Michelin	Sizes: Small (5-7 US), Medium (7-9 US), Large (10-12 US)
--	--

NEW



AFTER RACE BOOTIES 2.0
After race booties are warm, dry and comfortable - perfect to slip into before and after racing or training.

Item: N220401501 Fotbeed: Intuition Foam Outsole: Rubber	Sizes: Small (5-7) Medium (7-9) Large (10-12)
--	---



MADSHUS OVERBOOT
Madshus overboot will protect your Redline carbon outsoles when walking around before and after your training and competition

Item: N220401401 Fabric: Rubber/Neopren	Sizes 35/36, 37/38, 39/40, 41/42, 43/44, 45/46
--	---





POLES

RACING	TOURING	JUNIOR
Redline Pole	Active Pro Pole	Race Pro JR Pole
Redline Pole Kit	Nordic Pole	Racelight JR Pole
Race Pro Pole	Nordic ALU Pole	Racelight ALU JR Pole
Race Pro Pole Kit		
Race Speed Pole		
Endurace Pole		

Madshus Pole Series

For fall 2021 we introduced Redline category level pole that features a revolutionary truncated airfoil cross section that reduces aerodynamic drag and allows you to ski faster and more efficiently. Together with the removable basket system TBS® and a well-matched strap and handle technology to bring you the best

experience and performance. Madshus skipoles are engineered to deliver the perfect balance of weight, stiffness and durability. We realize that these properties must be balanced to create a skipole that will succeed in the real world: whether that means racing on the world cup or learning to ski for the first time.

Overview pole technology



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.



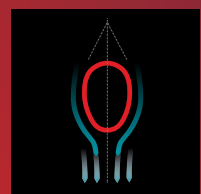
NEW TBS® BASKET SYSTEM The new TBS® basket system allows you to change the baskets on the spot and without tools, depending on the snow conditions. Dome-shaped baskets easily shed the snow, while an aerodynamic cross design provides optimal pendulum and swing balance. The TBS® basket system is developed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

REDLINE POLE

The newest member of Redline product family is the pinnacle of ski pole technology and innovation, no compromises. The all new Redline pole features a truncated airfoil cross section that reduces aerodynamic drag and allows you to ski faster and more efficiently. The shaft is constructed from 100% ultra-high modulus carbon with the best stiffness to weight ratio in our pole lineup (weight: 54g/m). With a new, more sculpted natural cork race handle and our redesigned race strap, the Redline Pole delivers secure grip, accurate plants and superior power transfer that elite racers expect. The TBS® basket system allows you to change the baskets quickly and without tools, so you're prepared for all snow conditions.

Item: N2109001
Length: 135-175 cm
(2.5cm interval).
Shaft: 100% Ultra
High Modulus
Carbon.
Tip diameter: 10mm.
Butt diameter: 16mm.

Strap: Race Curve
Basket: Small TBS®
with Tungsten
Carbide Tip.
Handle: Redline Handle
Weight: 54 g/m



NEW UNIQUELY SHAPED TUBE

Truncated Airfoil shape
made with bladder
molding technology.

NEW TUBE

New uniquely shaped tube:
Truncated Airfoil shape
made with bladder molding
technology.

SHAFT

100% Ultra high-modulus
carbon shaft with the best
weight-to-stiffness ratio.

WEIGHT

Weight: 54g/m.

HANDLE

Natural cork race handle
features a more sculpted
shape.

STRAP

Redesigned race strap
for maximum comfort and
power transfer.

BASKET

TBS® basket system allows
you too quickly change baskets
without tools.

RACE PRO POLE

The Race Pro pole features 100 percent ultra-high modulus carbon shaft with unbeatable weight-to-stiffness-ratio. With a natural cork race handle and our new, redesigned race strap for maximum comfort, 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 quickly 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



RACE SPEED POLE

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

Item: N2009003
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



ENDURANCE POLE

Strong, lightweight and durable, the Endurance pole is designed with a weight-to-stiffness-ratio optimized for performance and recreational skiers. The pole features a carbon composite shaft with 70 percent carbon, which delivers a great balance between lightweight performance, low swing weight and durability. With a natural cork race handle and our new race strap, the Endurance Pole provides secure and precise grip, superior power transfer and the comfort that racers and performance skiers expect. The TBS® basket system allows you to quickly change the baskets on the spot and without tools depending on the snow conditions.

Item: N2009004
Length: 135-175 cm
(5cm interval).
Shaft: 70% Carbon
Tip diameter: 10mm.
Butt diameter: 16mm.
Strap: Madshus Race.

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



ACTIVE PRO POLE

The Active Pro pole is engineered for recreational skiers looking for lightweight performance and comfort. The Active Pro pole is a stiff and reliable option for cost-conscious cross-country skiers. The pole features a carbon composite shaft with 40 percent carbon, providing a great balance between lightweight performance and durability. The ergonomic handle combined with our Contour race strap provides optimal power transfer and all-day comfort.

Item: N2009005
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



NORDIC POLE

The Madshus Nordic Ski Pole is a durable touring pole built to deliver reliable performance at a bargain price. The Nordic features a shaft made from a combination of carbon and fiberglass, providing a great balance between performance and durability. The pole also comes with our signature biathlon/ touring strap, ensuring both function and all-day comfort.

Item: N2009006
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



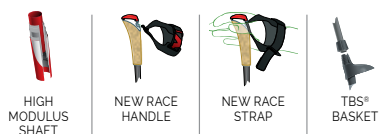
NEW

NORDIC ALU POLE

The Madshus Nordic Alu Pole is a touring pole built to deliver reliable performance at a bargain price. The Nordic Alu Pole features a strong and lightweight aluminium shaft, providing great durability for touring in varied terrain and conditions. The pole also comes with our signature biathlon/ touring strap, ensuring both function and all-day comfort.

Item: N220900101
Length: 125-165
(5cm interval).
Shaft: Aluminium
5083

Tip diameter 10 mm
Butt diameter 16mm
Strap: Nylon
Basket Large touring
Handle: Touring



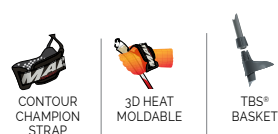
JR

RACE PRO JR POLE

The Race Pro Jr pole is a carbon racing pole for up-and-coming racers looking for a durable and lightweight performance pole. The pole features carbon composite shaft with 40 percent carbon, providing a great balance between lightweight performance and durability. Race Pro Jr also comes with a natural cork race handle designed for to fit junior skiers. Combined with the Contour JR strap, this race-engineered pole offers the comfort, optimal power transfer and top lightweight performance that ambitious junior skiers expect. The TBS® basket system allows you to quickly change the baskets on the spot and without tools depending on the snow conditions.

Item: N2009007
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



JR

RACELIGHT JR POLE

The Racelight jr Pole is a training and touring pole for aspiring young skiers. The pole features a shaft made from 100 percent fiberglass, providing a perfect combination between lightweight performance and durability. The Racelight jr Pole also comes with a natural cork handle for warmth and a junior-sized Madshus Biathlon/ touring Strap that's both comfortable and functional as well as easy to use.

Item: N2009008
Length: 70-125 cm
(5cm interval).
Shaft: 100% Fiber-
glass.
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



NEW

JR

RACELIGHT JR ALU POLE

The Racelight Alu jr Pole is a training and touring pole for aspiring young skiers. The pole features a strong and lightweight aluminium shaft, providing great durability for touring and snow play in all conditions. The Racelight Alu jr Pole also comes with a natural cork handle for warmth and a junior-sized Madshus Biathlon/ touring Strap that's both comfortable and functional as well as easy to use.

Item: N220900201
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 N2101005 Color: Black Size: 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 N2101006 Color: Black/Red Size: 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 N2101007 Color: Black/Red	Ski bag for reliable gear protection. Holds up to 15 ski pairs. 600D Polyester Ripstop and YKK zippers. Size: 213X38x29cm.
	Pole Bag N2101010 Color: Black/Red	Fully padded pole bag. 600D Polyester Ripstop and YKK zipper. Size: 183X15cm.
	Pole Bag Hardcase N2101011 Color: Black/Red	600D*300D Polyester with PVC backing 100% Polyester
	Rifle Bag N2101008 Color: Black/Red	600D Polyester Ripstop YKK zipper. Size: 115x12x26,5cm.
	Test Ski bag 6 pairs N2001003 Color: Black	600D Polyester Ripstop YKK zipper. Size: 6 pairs
	Test Ski bag 8 pairs N2001004 Color: Black	600D Polyester Ripstop YKK zipper. Size: 8 pairs

BACKPACK, TRAVEL, BOOT BAG

	Race Backpack 12L N2101012 Color: Black	Light race backpack with pocket for hydration. Hidden rain cover. 210D Polyester Ripstop PU. Size: 27x12x43 cm.		Race Day Backpack 54L N2101014 Color: Red	Backpack for carrying ski gear, separate pockets for ski boots on both sides. 600D Polyester Ripstop and YKK zippers. Volume: 54L. Size: 36x41x46,5cm.
	Race Day Backpack 40L N2101013 Color: Black	Versatile and durable backpack with spacious main compartment and large outer pockets. 600D Polyester Ripstop and YKK zippers. 41x17x53cm.		Boot Bag N2101009 Color: Black	Durable boot bag for one pair of boot. 600D Polyester Ripstop. YKK zipper. Size: 32X23x23cm.
	Duffel Bag 60L N2101015 Color: Red	Durable bag that can be carried as a standard duffel or a backpack with its stow away shoulder straps. 600D polyester Ripstop and YKK zippers.		Roller Bag 100L N2101016 Color: Black	Reliable and durable travel bag with wheels. 600D Polyester Ripstop and YKK zippers. Size: 38,5x32x82cm.

BELTS

	Drink Belt N2101001 Color: Black	Offset bottle design for easy access, with a small pocket for keys. 600D Polyester Ripstop and YKK zipper. BPA free.		Insulated Drink Belt N2101003 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 N2101002 Color: Black	Hip pack features a storage pocket with a side bottle holder. 600D Polyester Ripstop and YKK zippers. BPA free.		Insulated Drink Belt N2101004 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 N2101041 Color: Red	3mm EVA + Nylon Velcro. Fits up to 48mm width skis. Measurements: 14x6cm.		Ski Strap BC N2101043 Color: Red	3mm EVA + Nylon Velcro. Fits BC and kid's skis. Measurements: 29x5cm.
	Ski Strap T ouring N2101042 Color: Black	3mm EVA + Nylon Velcro. Fits touring and kid's skis from 44 to 58mm. Measurements: 14,5x7cm.			

GLOVES

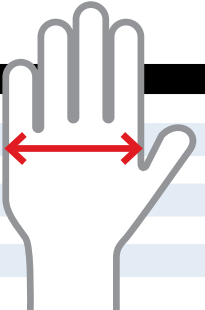
	Redline Glove N2101020 Color: Red	Race fit, windproof and breathable glove with goat leather in palm. Touch screen finger. Size 5-12/XXXS-XXL.		Endurace Glove N2101023 Color: Black	Windproof and warm glove with Thinsulate™ insulation. Touch screen fingers and reflective details. Size: 5-12/XXXS - XXL.
	Redline Mitt N2101021 Color: Red	Race fit, light, windproof and breathable glove. Touch screen fingers. Size: 5-12/XXXS - XXL.		Active Glove N2101025 Color: Black	Comfortable and windproof lobster mitten with Thinsulate™ insulation and reflective details. Size: 5-12/XXXS - XXL.
	Race Pro Glove N2101022 Color: Black	Race fit, warm, windproof and breathable glove with Thinsulate™ insulation. Touch screen fingers. Size 5-12/XXXS-XXL.		Endurace Split Mitt N2101024 Color: Black	Race fit, warm, windproof and breathable glove with Thinsulate™ insulation. Touch screen fingers. Size 5-12/XXXS-XXL.

BOOT COVER

	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 resistant PU material. Size: 36-37, 38-39, 40-41, 42-43, 44-45, 46-47

GLOVE SIZES

Sizes	CM
XXS	5.5 – 6 cm
XS	6 – 7 cm
S	7 – 8 cm
M	8 – 9 cm
L	9 – 10 cm
XL	10 – 11,25 cm
XXL	11,25 – 12 cm



MADSHUS OVERBOOT

	Madshus Boot cover N2004008	Boot cover with windstopper fabric and thinsulate insulation. Size: 35-36, 37-38, 39-40, 41-42, 43-44, 45-46, 47-48.
---	-----------------------------------	--

HATS

	Race Beanie N2101029 Color: Red/Black	Light and comfortable ski hat for racing. 92% polyester, 8% spandex. Size: M – L		Race Headband N2101032 Color: Black	Light and comfortable headband. 92% polyester, 8% spandex. One size.
	Race Beanie N2101030 Color: Red/White	Light and comfortable ski hat for racing. 92% polyester, 8% spandex. Size: M – L		Race Headband N2101032 Color: White	Light and comfortable headband. 92% polyester, 8% spandex. One size.
	Active Beanie N2101033 Color: Red/Black	Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic. Size: M - L		Active Vented Beanie N2101034 Color: Black/Red	Ventilated ski hat. 30% wool /70% acrylic. Size: M - L.
	Active Beanie N2101033 Color: White/Blue/ Grey	Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic. Size: M - L		Active Vented Beanie N2101034 Color: Black/Blue	Ventilated ski hat. 30% wool /70% acrylic. Size: M - L.
	Active Beanie N2101033 Color: Red/White/ Grey	Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic. Size: M - L		Active Vented Beanie N2101034 Color: White/Black	Ventilated ski hat. 30% wool /70% acrylic. Size: M - L.
	M-Beanie N2101035 Color: Black	Double knitted casual ski hat. 30% wool / 70% acrylic. One size.		M-Headband N2101036 Color: Red	Double knitted headband with fleece lining. 30% wool / 70% acrylic. One size.
	M-Beanie N2101035 Color: Grey	Double knitted casual ski hat. 30% wool / 70% acrylic. One size.		M-Headband N2101036 Color: Black	Double knitted headband with fleece lining. 30% wool / 70% acrylic. One size.
				M-Headband N2101036 Color: White	Double knitted headband with fleece lining. 30% wool / 70% acrylic. One size.
	Striped Hat N2101039 Color: Black/Red	Warmer casual ski hat with fleece lining. 30% wool, 70% acrylic. One size.		Logo Beanie N2101038 Color: Black	Warmer ski hat with retro look. Fleece lining. 30% wool, 70% acrylic. One size.
	Striped Hat N2101039 Color: Black/White	Warmer casual ski hat with fleece lining. 30% wool, 70% acrylic. One size.		Logo Beanie N2101038 Color: Red	Warmer ski hat with retro look. Fleece lining. 30% wool, 70% acrylic. One size.
	Striped Hat N2101039 Color: Red	Warmer casual ski hat with fleece lining. 30% wool, 70% acrylic. One size.			
	Cap gray square N2201001 Color: Grey	Trucker cap with cotton/ Nylon Mesh Size One		Redline Tube N2101040 Color: Red/White	
	Cap Est 1906 N2201002 Color: Black	Trucker cap with cotton/ Nylon Mesh Size One		Active Neck N2101037 Color: Black	Double knitted warm neck. 30% wool / 70% acrylic. One size.
	5 panel cap Madshus N2201003 Color: Red	5 panel cap 100% Nylon Size One			

RECOMMENDED LENGHT OF SKIS AND POLES

SKIER HEIGHT	INTELLIGRIP/SKIN 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

BOOT SIZE CONVERSION CHART

EU	Mondo (cm)	US	EU	Mondo (cm)	US	EU	Mondo (cm)	US
#24	15	8	#33	21	2	#42	27	9
#25	15.5	8.5	#34	21.5	2.5	#43	27.5	9.5
#25.5	16	9	#34.5	22	3	#43.5	28	10
#26	16.5	9.5	#35	22.5	3.5	#44	28.5	11
#27	17	10	#36	23	4	#45	29	11.5
#28	17.5	11	#37	23.5	5	#46	29.5	12
#28.5	18	11.5	#37.5	24	5.5	#46.5	30	12.5
#29	18.5	12	#38	24.5	6	#47	30.5	13
#30	19	12.5	#39	25	6.5	#48	31	14
#31	19.5	13	#40	25.5	7.5	#49	31.5	14.5
#31.5	20	13.5	#40.5	26	8	#49.5	32	15
#32	20.5	1	#41	26.5	8.5			

POLES

Art. no	Model name	Length	Shaft	Basket	Strap	Lenght	Strap size	Handle
N210g001	Redline Pole	135-175 cm/2.5cm	100% Ultra High Modulus Carbon	Small Racing TBS®	Race curve (Red)	135-142.5 145-162.5 165-175	S M L	Redline
N210g00601	Redline Pole Kit	135-175 cm/2.5cm	100% Ultra High Modulus Carbon	Small Racing TBS®	Race curve (Red)	135-142.5 145-162.5 165-175	S M L	Redline
N200g001	Race Pro Pole	135-175 cm/2.5 cm	100% Ultra High Modulus Carbon	Small Racing TBS®	Race curve (Black)	135-142.5 145-162.5 165-175	S M L	Race
N200g002	Race Pro Pole Kit	155cm, 175cm	100% Ultra High Modulus Carbon	Small Racing TBS®	Race curve (Black)			Race
N200g003	Race Speed Pole	135-175 cm/2.5 cm	100% High Strength Carbon	Small Racing TBS®	Race curve (Black)	135-142.5 145-162.5 165-175	S M L	Race
N200g004	Endurace Pole	135-175 cm/5 cm	70% Carbon	Large Racing TBS®	Race curve (Black)	135-140 145-150 155-175	S M L	Race
N200g005	Active Pro Pole	135-175 cm/5 cm	40% Carbon	gmm Race	Contour Race	135-142.5 145-167.5 170-175	S M L	Cork Race
N200g0060	Nordic Pole	120-170 cm/5 cm	Carbon/Glass Composite	10mm Race Soft Snow	Biathlon			Cork Race
N220g00101	Nordic Alu Pole	125-165/ 5cm	Aluminium 5083	Large touring	Biathlon			Touring
N200g007	Race Pro Jr Pole	100 - 150/5 cm	40% Carbon	Large Racing TBS®	Contour Jr. Race	100-140 145-150	S M	Cork Race
N200g008	Racelight Jr Pole	70-125/5 cm	Fiberglass	10mm Race	Junior Biathlon			Cork Race
N220g00201	Racelight Alu Jr Pole	70-125/ 5cm	Aluminium 5083	Large touring	Junior Biathlon			Touring

POLES EXTRA PARTS

Art. no	BASKET	Art. no	STRAP
N200g010010	Race Basket Small TBS ®	N210g00201	Race Strap Curve Small
N200g011010	Race Basket Large TBS ®	N210g00201	Race Strap Curve Medium
N07NP20002	gmm Race Basket - Tungsten	N210g00201	Race Strap Curve Large
N150g005010	10mm UHM Basket - BLACK	N210g00201	Race Strap Curve X-Large
N150g006010	10mm Powder Basket - BLACK	N210g007012	Race Strap Black S
N09NP20005	10mm Race Basket w/small tungsten tip	N210g007014	Race Strap Black M
N160g004010	Roller Ferrule: 10mm	N210g007016	Race Strap Black L
N160g003010	Roller Ferrule: gmm	N210g007018	Race Strap Black XL
N200g009010	Race Handle	N170g006010	CONTOUR CHAMPION STRAP - xS
N150g003010	Cork Race Handle & Wedge	N170g007010	CONTOUR CH AMPION STRAP - S
N200g015010	Grip cap w/rivet Red	N170g008010	CONTOUR CHAMPION STRAP - M
		N170g009010	CONTOUR CHAMPION STRAP - L
		NP40009	Biathlon Strap - Contoured

Weight tables Redline

REDLINE CLASSIC W/C

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

REDLINE SKIN

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

REDLINE ZERO

	40-50	50-60	60-70	70-80	80-90
207					
202					
197					
192					

REDLINE CLASSIC LTD

	40-50	50-60	60-70	70-80	80-90
207					
202					
197					
192					

REDLINE SKATE LTD

	50-65	60-75	70-85
182			
187			
182			

REDLINE SKATE F2, F3

	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 DOUBLE POLE

	50-80	60-70	70-80	80-90	90-100
197					
207					

REDLINE CLASSIC JUNIOR

	20-30	30-40	40-50	50-60
187				
182				
177				
172				
167				
157				
147				

Selecting Redline

REDLINE CLASSIC COLD

Refer to the camber height marked on the NIS plate.

Recommended camber heights for racer body weight in Empower:

- Half weight: 1.3-2.0

- Full weight: 0.4-0.8

Measure the closing of the wax pocket (if necessary):

Place the skis in the flex tester with the balance point at 8 cm. Apply pressure to the ski until the 0.2 mm shim grips/sticks at the balance point of the ski. This shim should grip/stick at approximately 60%-80% of the racer's body weight on a hard-wax ski.

Measure the flattening of the wax pocket (if necessary):

Place the skis in the flex tester with the balance point at 8 cm. Push the ski down to 0.1 mm height and make sure the height of the wax pocket doesn't increase forward on the skis.

REDLINE CLASSIC WARM

Refer to the camber height marked on the NIS plate.

Recommended camber heights for racer body weight in Empower:

- Half weight: 1.6-2.8

- Full weight: 0.5-0.9

REDLINE SKIN

Refer to the camber height marked on the NIS plate.

Recommended camber heights for racer body weight in Empower:

- Half weight: 1.4-2.6

- Full weight: 0.4-0.9

REDLINE SKATE F2

Refer to the camber height marked on the NIS plate.

Recommended camber heights for racer body weight in Empower:

- Half weight: 3.5-5.5

- Full weight: 1.0-3.0

REDLINE SKATE F3

Refer to the camber height marked on the NIS plate.

Recommended camber heights for racer body weight in Empower:

- Half weight: 3.0-5.0

- Full weight: 1.0-3.0

MADSHUS RED



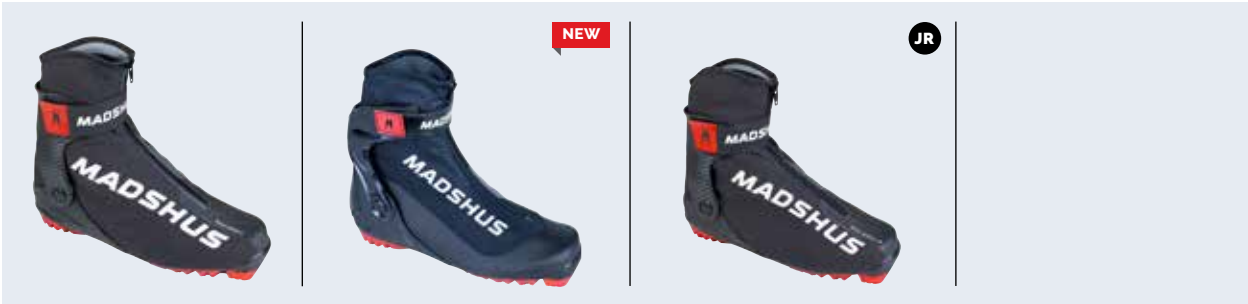
Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover / Upper	Innerboot	Outsole
N210400401	Redline Classic	37-48 / 38,5-44,5	Integrated Carbon Base: Classic	-	Redline Softshell without fleece	Race wrap	Xcelerator SSR
N210400101	Redline Skate	37-48 / 38,5-44,5	Integrated Carbon Base: Skate	Redline Carbon	Redline Softshell without fleece	Race wrap	Madshus Elite
N210400201	Redline Skiathlon	37-48	Integrated Carbon Base: Pursuit	Performance	Redline Softshell without fleece	Race wrap	Rottefella F1
N210401001	Redline JR	36-42	Integrated Power Base	Performance	Softshell	RevoWrap	Madshus Elite

SKATE



Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover / Upper	Innerboot	Outsole
N220400101	Race Pro Skate	37-48	Integrated Power Base	Performance	Softshell w/fleece	Race wrap	Madshus Elite (2 pc)
N210400501	Race Speed Skate	35-48	180 Skate	Performance	Softshell w/fleece	RevoWrap	Madshus Performance
N220400401	Endurance Skate	35-48	Polyamide	Injected	Softshell w/fleece	RevoWrap	Madshus Performance

UNIVERSAL



Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover / Upper	Innerboot	Outsole
N210400601	Race Speed Universal	35-48	180 Skate	Performance	Softshell	RevoWrap	Madshus Performance
N200400301	Endurance U	35-48	Polyamide	Injected	Softshell w/fleece	RevoWrap	Madshus Performance
N210401101	Race Speed JR	33-42	Integrated 180 Base	Performance	Softshell	RevoWrap	Madshus Performance

CLASSIC



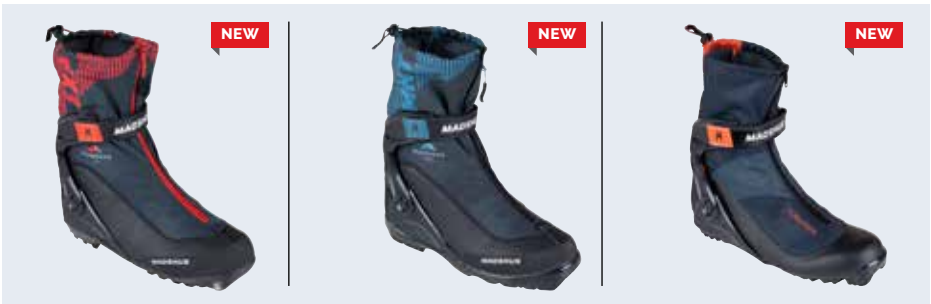
Art. no.	Model	Sizes	Heel Counter	Cuff	Upper	Innerboot	Outsole
N220400201	Race Pro Classic	37-48	Classic composite	-	Softshell w/fleece	Race wrap	Madshus Elite (2 pc)
N210400701	Race Speed Classic	35-48	180 Classic	-	Softshell w/fleece	RevoWrap	Madshus Performance
N220400301	Endurance Classic	35-48	-	-	Softshell w/fleece	RevoWrap	Madshus Performance
N220400901	Active C	35-48	PVC	-	Softshell	Active Wrap	T4

CLASSIC



Art. no.	Model	Sizes	Heel Counter	Cuff	Lacecover	Upper	Innerboot	Outsole
N220401001	Active U	35-48	PVC	Stiched on cuff	Softshell	Softshell	PVC	T4
N220401101	Nordic	35-48	PU	-	Softshell	Softshell	Active Wrap	T4 Black
N220401201	Raceline JR	25-40	PU	-	Softshell	Softshell	Active Wrap	T4 JR Black
N220401301	Butterfly	25-37	PU	-	Softshell	Softshell	Active Wrap	T4 JR Black

BACKCOUNTRY



Art. no.	Model	Sizes	Heel Counter	Cuff	Upper	Lacecover	Innerboot	Gaitor	Outsole
N220400701	Panorama Explorer	36-48	Injected Skate	Injected		Softshell	High Cut RevoWrap	Waterproof	Rottefella Explore
N220400601	Panorama MNT	36-49	Injected Skate	Injected		Softshell	High Cut RevoWrap	Waterproof	Rottefella BC
N220400801	Fjelltech	35-48	Polyamide	Injected	High Cut RevoWrap	Softshell w/fleece	High Cut RevoWrap	Waterproof	Madshus Performance

MADSHUS RED



	Art. no.	Model	Empower	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base	Shape
1	N22001	Redline Classic LTD	Yes	Move 3.0	192-207/5	43-44-44	910/187cm	Triaxial Carbon	PR100X	P340 Green	3D
2	N22002	Redline Classic Cold	Yes	Move 3.0	182-207/5	43-44-44	900/187cm	Triaxial Carbon	PR100X	P300 Nano	3D
3	N22003	Redline Classic Warm	Yes	Move 3.0	182-207/5	43-44-44	900/187cm	Triaxial Carbon Plus	PR100X	P300 Nano	3D
4	N22005	Redline Double Pole	Yes	Move 3.0	197 & 207	41-44-44	920/192cm	Triaxial Carbon	PR100X	P300 Nano	3D
5	N22006	Redline Zero	Yes	Move 3.0	192-207/5	43-44-44	910/187cm	Triaxial Carbon	PR100X	P300 Nano w/Rubber insert	3D
6	N22007	Redline Skin	Yes	Move 3.0	182-207/5	43-44-44	900/187cm	Triaxial Carbon	PR100X	P300 Nano, 100% Mohair	3D
7	N22008	Redline Skate F2	Yes	7	172-192/5	41-44-44	950/187cm	Triaxial Carbon	PR100X	P300 Nano	3D
8	N22009	Redline Skate F3	Yes	7	172-192/5	41-44-44	950/187cm	Triaxial Carbon	PR100X	P300 Nano	3D
9	N22010	Redline Skate LTD	Yes	7	182-192/5	41-44-44	950/187cm	Triaxial Carbon	PR100X	P340 Green	3D
10	N22042	Redline Classic JR	Yes	JR/7	147-187	44-42-44	775/157cm	Triaxial Carbon	PR90X	P300 Nano	3D
11	N22049	Redline Skate JR	Yes	JR/7	142-172/5	41-44-44	775/157cm	Triaxial Carbon	PR90X	P300 Nano	3D

SKATE



	Art. no.	Model	Empower	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base	Shape
1	N21119	Race Pro Skate	Yes	7	172-192 RSL/5	44-43-44	1000/187cm	Triaxial Carbon	PR100x	P 300 Nano	3D
2	N21254	Race Speed Skate	Yes	7	172-192 RSL/5	44-43-44	1050/187cm	Triaxial Carbon	PR90X	P 200 Nano Universal	3D
3	N21294	Endurance Skate	Yes	7	172-192 RSL/5	44-43-44	1094/187cm	Torsion Cap 3D	AstaraLite	P 190 Nano Universal	3D
4	N21373	Active Pro Skate	Yes	7	172-192 RSL/5	44-40-44	1150/187cm	Torsion Cap 3D	Polycell	P 170 Nano Universal	3D
5	N21343	Active Skate		7	167-192/5	44-40-44	1150/190cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	
6	N21149	Race Pro Skate JR		JR/7	142-167 RSL/5	44-43-44	800/160cm	Torsion Cap 3D	Polycell	P 200 Nano Universal	3D
7	N21814	Active Skate JR		JR	117-157/10	44-42-43	875/160cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	

SKIN



	Art. no.	Model	Empower	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base	Shape
1	N21107	Race Pro Skin	Yes	MOVE	182-207/5	43-44-44	1000/187cm	Triaxial Carbon	PR100x	P 300 Nano + 100% mohair	3D
2	N21257	Race Speed Skin	Yes	MOVE	182-207/5	43-44-44	1050/187cm	Triaxial Carbon	PR90X	P200 Nano Universal, Mohair mix	3D
3	N21297	Endurance Skin	Yes	MOVE	182-207/5	43-44-44	1094/187cm	Torsion Cap 3D	AstaraLite	P 190 Nano Universal + Mohair mix	3D
4	N21377	Active Pro Skin	Yes	MOVE	182-207/5	43-44-44	1150/187cm	Torsion Cap 3D	Polycell	P170 Nano Universal, Mohair mix	3D
5	N21344	Active Skin		MOVE	177-207/5	44-42-43	1150/187cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra, Mohair mix	
6	N21487	Nordic Pro Skin	Yes	MOVE	177-207/5	47-44-46	1175/187cm	Torsion Cap 3D	Polycell	P170 Nano Universal, Mohair mix	3D
7	N21447	Nordic Skin		MOVE	177-207/5	48-44-46	1220/190cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra, Mohair mix	
8	N21147	Race Pro Skin JR		JR/7	147-177/10, 172	44-42-44	800/157cm	Torsion Cap 3D	Polycell	P190 Nano Universal, Mohair mix	3D
9	N21812	Active Skin JR		JR	117-167/10	44-42-43	875/160cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra, Mohair mix	
10	N22877	Racelight Skin 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	N21102	Race Pro Classic	Yes	MOVE	182-207/5	43-44-44	1000/187cm	Triaxial Carbon	PR100X	P 300 Nano	3D
2	N21252	Race Speed Classic	Yes	MOVE	182-207/5	43-44-44	1050/187cm	Triaxial Carbon	PR90X	P 200 Nano Universal	3D
3	N21292	Endurance Classic	Yes	MOVE	182-207/5	43-44-44	1094/187cm	Torsion Cap 3D	AstaraLite	P 190 Nano Universal	3D
4	N21342	Active Classic		MOVE	177-207/5	44-42-43	1150/187cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	
5	N21348	Active MG		MOVE	177-207/5	44-42-43	1150/187cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	
6	N21142	Race Pro Classic Jr		JR/7	147-177/10, 172	44-42-44	800/157cm	Torsion Cap 3D	Polycell	P190 Nano Universal	3D
7	N21813	Active Universal Jr		JR	117-167/10	44-42-43	875/160cm	Torsion Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra	3D
8	N22879	Racelight MG		Nemo_scr	90-170/10	48-48-48	825/130cm	Torsion Cap	Multicore (Wood)	No-Wax	
9	N11881	Snowpup 85			85	65-55-60			ABS	No-Wax	

BACKCOUNTRY



	Art. no.	Model	NIS	Length	Sidecut	Weight/pair	Construction	Core	Base
1	N21968	Fjelltech M44 Skin	MOVE	177, 187, 192, 202	54-44-49	1780/187 cm	Triaxial Cap	Paulownia Glass	P-Tex 2000 Electra + Mohair mix
2	N21967	Fjelltech M50 Skin	MOVE	177, 187, 192, 202	60-50-55	1780/187 cm	Triaxial Cap	Paulownia Glass	P-Tex 2000 Electra + Mohair mix
3	N22966	Panorama T50 IntelliGrip® Transition		177, 187, 192, 202	60-50-55	1380/192 cm	Triaxial Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra + Skin pocket
4	N22940	Panorama T55 IntelliGrip® Transition		177, 187, 192, 202	68-55-62	1490/192 cm	Triaxial Cap	Paulownia Carbon Hybrid	P-Tex 2000 Electra + Skin pocket
5	N21871	Panorama M62		162-202/10	83-62-70	1890/192 cm	Triaxial Cap	Paulownia/Bamboo	MGV Omnigrip®
6	N21870	Panorama M68		162-192/10	99-68-84	2530/182 cm	Triaxial Cap	Paulownia/Maple	MGV Omnigrip®
7	N21869	Panorama M78		162-192/10	109-78-95	2530/182 cm	Triaxial Cap	Paulownia/Maple	MGV Omnigrip®

MADSHUS SKI LINE OVERVIEW

MADSHUS RED	SKIN	CLASSIC	SKATE	BACKCOUNTRY
Redline Skate F2	Race Pro Skin	Race Pro Classic	Race Pro Skate	Fjelltech M44 Skin
Redline Skate F3	Race Speed Skin	Race Speed Classic	Race Speed Skate	Fjelltech M50 Skin
Redline Skate LTD	Endurace Skin	Endurace Classic	Endurace Skate	Panorama T50 Intelligrip Transition
Redline Classic Cold	Active Pro Skin	Active Classic	Active Pro Skate	Panorama T55 Intelligrip Transition
Redline Classic Warm	Active Skin	Active MGV	Active Skate	Panorama M62
Redline Skin	Nordic Pro Skin	Race Pro Classic Jr	Race Pro Skate JR	Panorama M68
Redline Zero	Nordic Skin	Active Universal JR	Active Skate JR	Panorama M78
Redline Classic LTD	Race Pro Skin JR	Racelight MG		
Redline Double Pole	Active Skin JR	Snowpup 85		
Redline Classic JR	Racelight Skin			
Redline Skate JR				

INTELLIGRIP® TRANSITION (BC)

45mm
Item: N1950513
Mohair/mix

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

38mm
Item: N210102701
Color: Black

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.



MADSHUS REPLACEMENT SKIN

Madshus RED
32mm
Item: N1752000
Color: Black
100% Mohair
Set of 3 pairs.

Replacement skin
32mm
Item: N1652000
Color: Dark blue
Mohair mix
Set of 3 pairs

MADSHUS SKIN LENGTH AND PLACEMENT

N22007					N21017					N21257					N21297					N21377					N21487					N21147				
REDLINE SKIN					RACE PRO SKIN					RACE SPEED SKIN					ENDURACE SKIN					ACTIVE PRO SKIN					NORDIC PRO SKIN					RACE PRO SKIN JR				
100% Mohair					100% Mohair					70/30 Mix					70/30 Mix					70/30 Mix					70/30 Mix					70/30 Mix				
182	187	192	197	202	182	187	192	197	202	182	187	192	197	202	182	187	192	197	202	182	187	192	197	202	177	182	187	192	197	147	157	167	172	177
360	360	360	390	390	360	360	360	390	390	360	360	360	390	390	390	390	390	420	420	420	420	450	450	450	420	420	420	450	450	300	300	330	330	330

N21344					N21447					N21968 / N21967					N21812					N22877																							
ACTIVE SKIN					NORDIC SKIN					FJELLTECH SKIN					ACTIVE SKIN JR					RACELIGHT SKIN																							
Mohair mix					Mohair mix					Mohair mix					Mohair mix					Mohair mix																							
360	177	390	182	390	187	390	182	390	187	420	192	420	197	420	202	450	207	360	177	390	182	390	187	420	192	420	197	450	202	450	207												
360	177	390	182	390	187	420	192	420	197	450	202	450	207	270	117	270	127	300	137	300	147	330	157	330	167	270	90	270	100	270	110	300	120	300	130	330	140	330	150	360	160	360	170



MADSHUS

ANDORRA

Esport Jorma
Av.Francesc Cairat, 6
AD600 Sant Julia de Loria andorra
Phone: 00 376 741 777
Fax: 00 376 843022
Mail: info@jormatrail.com

AUSTRALIA

Mountain Sports Wodonga
2 Kingswood Way
West Wodonga 3690
Australia
Phone: +61 (0) 2 6059 2226
Mobile: 0418 568 657
Mail: info@mtsports.com.au

BELARUS

Ski World Ltd.
13, Severniy side street,
building 1, office 30
220036, Minsk, Belarus
tel./fax: +375 17-226-47-79
Mail: skiworld2006@gmail.com
www.skimir.com

BELGIUM

Claessen Sports
Mont a la Spinette, 18
BE-4960 Malmedy
Phone: +32 80 33 75 80
Mail: info@claessensports.be
www.claessensports.be

BULGARIA

XC-SPORT
bul. Cherni Vrah 90
Sofia 1407, Bulgaria
Phone: +359894505117
Mail: info@xcosports.com
www.xcosports.com

CANADA

K2 Canada
1 Westside Drive, Unit #7
Toronto, Ontario
Canada M9C 1B2
Phone: 877-393-7049
Mail: k2@k2canada.com

CHINA

Topsun Outdoor Equipment Technology Co.
Courtyard 1, East of Shangzhuang
Street, Shijingshan District, Beijing, China
Phone: +86 (0)769 2280 7677
Mail: bm2@topsunoutdoor.com

CZECH REPUBLIC/ SLOVAK REPUBLIC

Sprint Spol S R.O.
Becovská 1083/3
104 00 Praha 10
Phone: +420 267 090 612
Fax: +420 267 710 092
Mail: info@sprintcz.cz
www.sprintcz.cz

DENMARK

Intersurf A/S
Formervei 2c
DK-6800 Varde
Phone: +45 75 22 02 11
Mail: info@intersurf.dk

ESTONIA/ LATVIA/ LITHUANIA

Sportland International Group
Pärnu mnt 142a
11317 Tallinn, Estonia
Phone: +372 6548434
Fax: +3726548401
Mail: info@sportland.ee
www.sportland.ee

FINLAND

Parmax Oy
Meiramikuja 1
01510 Vantaa, Finland
Phone: +358403042200
Mail: parmax@parmax.fi
www.parmax.fi

GERMANY/ AUSTRIA/ ITALY/ FRANCE

K2 Sports Europe GmbH
Seeshaupter Str. 62
D-82377 Penzberg
Phone Germany: 0800 771 34 54
Phone Austria: 0800 293 418
Phone Italy: +39 0546 450103
Phone France: 0800 909 744
Fax: +49 8856 901 101
Mail: info@k2sports.de
www.k2sports.com
www.madshus.com

ICELAND

GG Sport
Smíðjuvegur 8
200 Kópavogur
Tel: +354 571 1020
verslun@ggsport.is
www.ggsport.is

JAPAN

Knickerbocker Trading House
1-2-25 Sakuranocho-Higashi Sakai,
Osaka 590-0924 Japan
Phone: +81-72-228-9710
Fax: +81-72-228-8651
Mail: info@knickerbocker.jp
www.knickerbocker.jp

KOREA

BRAV Korea
Richard Byungsik Hong (CEO)
Unit #1, 2nd Floor AM Hotel
(25343) 30, Songcheon-gil,
Daegwallyeong-myeon, Pyeongc-
hang-gun, Gangwon-do
Mobil: +82 10 5493 3600
Fax: +82 33 336 8180
Mail: korea@swix.kr

THE NETHERLANDS

Vasa Sport
Bredeweg 9a
3945 PD Cothen
Phone: +31 (0)343 563934
Mail: shop@vasasport.nl
www.vasasport.nl

NORWAY

Madshus AS
Industrivegen 29, 2836 Biri, Norway
Phone: +47 61 13 43 00
Fax: +47 61 13 43 43
Mail: madshus@madshus.com
www.madshus.com

POLAND

XC-SPORT
ul. Sobieskiego 53
58-500 Jelenia Góra, Poland
Phone: +48 733 882 288
Mail: info@xc-sport.pl
www.xc-sport.pl

RUSSIA

Sportmaster Ltd.
Kochnovskiy passage 4
125319 Moscow
Phone: +7 495 974 7502
Mail: sportmaster@sportmaster.ru
www.sportmaster.ru

SLOVENIJA

JR Sport d.o.o
Crnivec 4a, 4243 Brezje,
Slovenija
Phone: +38 645309049
Mobile: +38641752184
Mail: info@jrsport.si
www.jrsport.si

SWEDEN

Sportwin AB
Stenhagsgatan 5,
653 44 Karlstad
Phone: +46 0703-757522
Mobile: +46 54181250
Mail: john.vikman@sportwin.se
www.facebook.com/SportwinAB

SWITZERLAND

AP Sport GmbH
Graneggweg 44
3152 Mamishaus
Switzerland
Phone: +41 31 731 06 46
Mobile: +41 79 350 65 62
Mail: apsport@bluewin.ch
www.apsport.ch

USA

K2 Sports
413 Pine Street 3rd Floor
Seattle, WA 98101
Phone: 800-426-1617
Mail: info@k2sports.com
www.k2sports.com

UK

Rma Sports Uk Ltd
6 Locks Cross, Neston
Corsham, Wiltshire
SN13 9TB England
Phone: +44 01225 810747
Mobile: +44 07970446293
Mail: rma@biathlonsport.com
www.biathlonsport.com



©MADSHUS All rights reserved. Madshus is a registered trademark of K2 Sports, a division of ©2017 Kohlberg & Company, L.L.C.
www.facebook.com/MadshusSkis // Instagram: madshus1906 // Twitter: @MadshusRacing

www.madshus.com