



26/27 MADSHUS WORKBOOK

2021





PURE SKIING.





THE TRUE XC SPECIALIST

For over a century, we've focused solely on cross-country skiing – nothing else. This singular dedication has made us experts in every detail, crafting equipment with purpose and precision. Our passion and experience drive continuous innovation, delivering the best XC experience for everyone from Olympic athletes to everyday skiers.

- ▶ **Dedicated** – for skiers, by skiers, united by the love for the sport.
- ▶ **Authentic** – proudly made in Norway, with deep roots in Nordic tradition.
- ▶ **Innovative** – always pushing boundaries to enhance performance and joy for all skiers.
- ▶ **Experienced** – solely focused on XC skiing, refined by over a century of commitment.

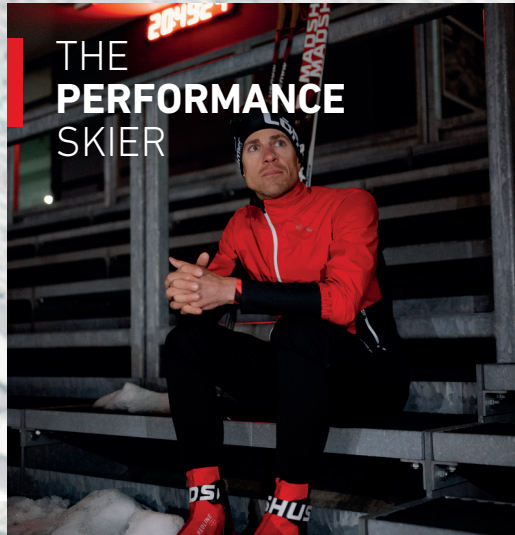




THE RACER



THE PERFORMANCE SKIER



THE RACER

The Madshus Redline collection is the result of working with our athletes, engineers and production staff with the goal of delivering the best ski racing experience.

THE PERFORMANCE SKIER

Madshus carefully considers the end user when designing functional products for every type of skier. The performance skier is cross-country skier who trains regularly to improve endurance, speed, and technique. They often prepare for races or personal goals, seeking progress, precision, and challenge through structured training and measurable performance results.

THE ENJOYER



THE BACKCOUNTRY SKIER



THE ENJOYER

Madshus inspires the enjoyer—those who love being outdoors or are discovering the joy of skiing. With reliable, easy-to-use equipment, Madshus makes every outing comfortable and fun, helping skiers explore nature, stay active, and enjoy winter at their own pace.

THE BACKCOUNTRY SKIER

Whether you are touring local parks, skiing to a winter cabin for a weekend getaway, or carving turns through rolling terrain, the rugged designs of our backcountry products provide the best in comfort, stability, and grip to get you where you want to go.



RACING & DEVELOPMENT

Madshus engineers are obsessively detail-oriented because our racers compete at a level where every fraction of a gram matters, and where small details can separate the winners from the rest. We are constantly developing the Redline product category, and we always strive for improvements. Champions never rest, and they never compromise their pursuit of excellence. Within Madshus racing, we carry this same passion by continually pushing for perfection and maximum performance gains.



MADSHUS RACE TEAM

EMILIEN JACQUELIN

HARALD ØSTBERG AMUNDSEN

JOHANNES KÜHN

LUCAS FRATZCHER

LUCAS BÖGL

JAN STÖLBEN

LAURI LEPISTÖ

EVELIINA PIIPPO

KRISTA PARMAKOSKI

BEN OGDEN

ALVAR MYHLBACK

JOHAN-OLAV BOTN

JULES CHAPPAZ

LOTTE LIE

MAYA CLOETENS

EVE BOUVARD

ROMAN REES

ANASTASIA MERKUSHYNA

OLEKSANDRA MERKUSHYNA

VICTOR LOVERA

TULLI TOMINGAS

PAUL SCHOMMER

MATHILDE MYHRVOLD

SIVERT BAKKEN

ENDRE STRØMSHEIM

VEBJØRN SØRUM

RAGNHILD FEMSTEINVIK

MARIT SKOGAN

IMANOL ROYO



RED LINE

Engineered for uncompromised performance. Developed through continuous testing and detailed design, the new Redline collection features a completely redefined construction for improved power transfer, stability, and glide efficiency.

Advanced materials and precision engineering optimize performance across all snow conditions. This is the next evolution in race technology.



NEW

RED LINE

HIGHLIGHTS RELINE BOOTS

- ▶ **SkateX Outsole:** A compact interface between the boot and binding provides a stiffer connection, increased power transfer and lateral stability.
- ▶ **The RED Carbon Evo Chassis:** Engineered for exceptional stiffness and reduced weight, delivers maximum stability, power, and control.
- ▶ **Madshus CarbonMold Cuff:** Increases stability, support and provides superior power transfer.
- ▶ **Madshus Red Innerboot:** Improved with a lighter weight, precise fit and unique connection with the ski.
- ▶ **BOA® Fit System:** Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions.
- ▶ **Madshus Pro Ripstop:** Higher and more elastic upper for a better fit.



NEW

RED LINE

HIGHLIGHTS REDLINE SKIS

- ▶ **Carbon Power Wrap:** A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return.
- ▶ **World Cup Pro Base:** The pinnacle of base material designed to perform in the widest range of snow conditions.
- ▶ **New Redline Skate F1:** Our most playful and universal skate ski – featuring a low camber height that combines smooth handling with top performance no matter the snow.
- ▶ **New Redline Classic K2:** Our most universal and playful classic ski. A medium camber height construction with shorter snow contact areas makes this our most versatile and all-round ski.
- ▶ **RAP binding plate:** Rottefella adaptive binding plate





PULSE SKATE X BOA®

The all new skate boot with Skate X tech – groundbreaking technology made for the regular skier.

HIGHLIGHTS PULSE SKATE X

- ▶ **SkateX Outsole:** A compact interface between the boot and binding provides a stiffer connection, increased power transfer and lateral stability
- ▶ **BOA® Fit System:** Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions.
- ▶ **Integrated Power Chassis:** Provides maximum stability, power, and control.

SKIS



26/27
MADSHUS
SKIS

REDLINE SKATE



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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F1	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. F1: Our most playful and universal skate ski – featuring a low camber height that combines smooth handling with top performance no matter the snow. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD26 1961	172-192/ 5cm	RAP	43-44-44	800g/ 187cm	Carbon Power Wrap	World Cup Pro	F1	Empower sticker
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F2	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. F2: A high camber gives powerful glide and stability in firm and fast conditions — perfect for hard tracks and high speed. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD26 1959	172-192/ 5cm	RAP	43-44-44	800g/ 187cm	Carbon Power Wrap	World Cup Pro	F2	Empower sticker
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F3	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. F3: A medium-high camber offers a great balance of stability and glide, performing best in universal to softer snow. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD26 1960	172-192/ 5cm	RAP	43-44-44	800g/ 187cm	Carbon Power Wrap	World Cup Pro	F3	Empower sticker
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REDLINE CLASSIC



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER	
K1	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. K1: A low camber construction with extended snow contact areas provides reliable grip and optimal performance in cold, fine-grained snow conditions. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE ENERGY RETURN	MD261962	182-207/5cm	RAP	43-44-44	840g/197 cm (pair)	Carbon Power Wrap	World Cup Pro	K1	Empower sticker	NEW
K2	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. K2: Our most universal and playful classic ski. A medium camber height construction with shorter snow contact areas makes this our most versatile and all-round ski. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE ENERGY RETURN	MD261963	182-207/5cm	RAP	43-44-44	840g/197 cm (pair)	Carbon Power Wrap	World Cup Pro	K2	Empower sticker	NEW
K3	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. K3: A tall camber construction with short snow contact areas provides exceptional performance in wet and slow snow conditions. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE ENERGY RETURN	MD261964	197-207/5cm	RAP	43-44-44	840g/197 cm (pair)	Carbon Power Wrap	World Cup Pro	K3	Empower sticker	NEW
ZERO	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. Inserted Rubber Base: Designed for powerful grip and excellent speed in tricky snow conditions found around OC. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE ENERGY RETURN	MD261965	197, 202, 207	RAP	43-44-44	840g/197 cm (pair)	Carbon Power Wrap	World Cup Pro with Rubber insert	K1	Empower sticker	NEW



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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SKATE JR	Designed For Young Skiers: Developed and streamlined to fit the movement patterns of young skiers. Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD26	142-162/	RAP	43-44-44	810g/	Carbon	World	JR	Empower	NEW
			2036	10cm			(pair)	Power Wrap	Cup Pro	skate	sticker	



CLASSIC JR	Designed For Young Skiers: Developed and streamlined to fit the movement patterns of young skiers. Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE ENERGY RETURN	MD26	147-177/	RAP	43-44-44	800g/	Carbon	World	JR	Empower	NEW
			2037	10 cm, 182, 187			(pair)	Power Wrap	Cup Pro	classic	sticker	



SKIN JR	Designed For Young Skiers: Developed and streamlined to fit the movement patterns of young skiers. Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. World Cup Pro Base: The	STRIDE	STABILITY CONTROL	LIGHT- NESS	DOUBLE POLE	DYNAMIC RESPONSE ENERGY RETURN	MD26	147-177/ 10 cm, 182, 187	RAP	43-44-44	800g/ 172 cm (pair)	Carbon Power Wrap	World Cup Pro + Profiber	JR classic	Empower sticker	NEW
																



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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DP	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 100X core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. DP: An extremely low camber construction with a hard and stiff finish combined with short and smooth snow contact areas provide exceptional performance in wet, slow and granular snow conditions. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD26 1967	192cm	RAP	41-44-44	820g/ 192 cm (pair)	Carbon Power Wrap	World Cup Pro	DP	Empower sticker	NEW
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SKATE SKIS



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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RACE PRO SKATE	Carbon Race Wrap: A carbon and fiberglass-wrapped and reinforced PR 90 core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. Power Edge: Durable offset edge designed for maximum stability and edge control. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STABILITY CONTROL	GLIDE	LIGHTNESS	DYNAMIC RESPONSE ENERGY RETURN	MD24 0672	172-192/ 5cm	NIS 7-click	43-44-44	850g/ 192cm (pair)	Carbon Race Wrap	World Cup Pro	SK Universal	Empower sticker
														



RACE SPEED SKATE	Carbon Wrap: A carbon and fiberglass-wrapped and reinforced PU 90 core constructed with low epoxy absorbtion which makes for extremely low weight, good strength and phenomenal energy return. Slight Side Cut: Designed to provide a stable platform to generate power and aid in easy handling. Universal Race Base: A Fluor free race base material developed to perform in a wide range of snow conditions.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD24 0674	172-192/ 5cm	NIS 7-click	43-44-44	1000g/ 187cm (pair)	Carbon Wrap	Universal Race	SK Universal	Empower sticker



ENDURACE SKATE	AstaraLite: A lightweight core material. Slight Side Cut: Designed to provide a stable platform to generate power and aid in easy handling. New Fiber Wrap: A new wrap with lower weight, good strength and phenomenal energy return. Power Edge: Durable offset edge designed for maximum stability and edge control. New Universal Race Base: A Fluor free race base material developed to perform in a wide range of snow conditions and better durability.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD25	172-192/	RAP	43-44-44	1274g/	Astara-	Univeral	SK	Empower
			1330	5cm			187 cm	Lite	Race	Universal	sticker



ACTIVE PRO SKATE	Distinct Side Cut: Designed for stability and control. Power Edge: Durable offset edge designed for maximum stability and edge control. New Fiber Wrap: A new wrap with lower weight, good strength and phenomenal energy return. New Universal Race Base: A Fluor free race base material developed to perform in a wide range of snow conditions and better durability.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN	MD25	172-192/	RAP	43-44-44	1474g/	Polycell	Universal	SK	Empower
			1331	5cm			187 cm			Universal	sticker
							(pair)				

SKATE SKIS



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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ACTIVE SKATE

Distinct Side Cut: Designed for stability and control. **Performance Base:** A Fluor free base material developed for use in variable snow conditions.



N21 343	167-192/ 5cm	NIS 7-click	44-40-44	1150g/ 187 cm (pair)	Paulownia + Carbon	Performance + Tail Protector	Universal	No
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ACTIVE SKATE JR

Slight Side Cut: Designed to provide a stable platform to generate power and aid in easy handling. **Designed For Young Skiers:** Developed and streamlined to fit the movement patterns of young skiers. **Performance Base:** A Fluor free base material developed for use in variable snow conditions.



N21 814	117-157/ 10cm	NIS JR	44-42-43	875g/ 157 cm (pair)	Paulownia + Carbon	Performance	JR Skate	No
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SKIN SKI DEVELOPMENT

Skin length adjusted for the intended use for each model

- ▶ Short on performance models
- ▶ Medium on semi-performance models
- ▶ Long for recreational models

Progressive skin milling

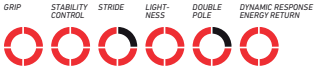
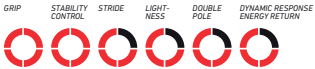
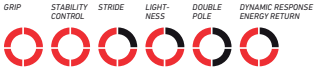
Our new skin skis come with progressive skin milling – deeper pocket in the beginning and the end of the skin zone

New skin material

A Profibre skin made of Polyamide which provides better grip without compromising glide. The material is highly durable without using animal fibers limiting the environmental impact on the product itself.





MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
 RACE PRO SKIN	100% Mohair Integrated Skin: Excellent grip and glide in all conditions. Short Progressive Skin Milling Profile: Designed to provide the ski feeling of a perfectly waxed classic race ski. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.		MD24 0677	182-207/ 5cm	MOVE™ 3.0	43-44-44	930g/ 202cm (pair)	Carbon Race Wrap	World Cup Pro + 100% Mohair	Skin	Empower sticker
 RACE SPEED SKIN	Carbon Wrap: A carbon and fiberglass-wrapped and reinforced PU 90 core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. Medium Length Skin Milling Profile: Designed to secure powerful grip. Universal Race Base: A Fluor free race base material developed to perform in a wide range of snow conditions.		MD24 0678	182-207/ 5cm	MOVE™ 3.0	43-44-44	1100g/ 202cm (pair)	Carbon Wrap	Universal Race + Mohair mix	Skin	Empower sticker
 ENDURACE SKIN	Medium Length Skin Milling Profile: Designed to secure powerful grip. AstaraLite: A lightweight core material. New Fiber Wrap: A new wrap with lower weight, good strength and phenomenal energy return. Power Edge: Durable offset edge designed for maximum stability and edge control. New Universal Race Base: A Fluor free race base material developed to perform in a wide range of snow conditions and better durability.		MD251332	182-207/ 5cm	RAP	43-44-44	1348/ 202 cm (pair)	Astara-Lite	Universal Race + Profibre Skin	Skin	Empower sticker
 ACTIVE PRO SKIN	Long Skin Milling Profile: Designed to secure powerful grip. New Fiber Wrap: A new wrap with lower weight, good strength and phenomenal energy return. Power Edge: Durable offset edge designed for maximum stability and edge control. New Universal Race Base: A Fluor free race base material developed to perform in a wide range of snow conditions and increased durability.		MD25 1333	182-207/ 5cm	RAP	43-44-44	1514g/ 202 cm (pair)	Polycell	Universal + Profibre Skin	Skin	Empower sticker



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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ACTIVE SKIN

Integrated Skin: Designed to ensure optimal grip and glide in all conditions. **Slight Sidecut:** Designed to provide a stable platform to generate power and aid in easy handling. **Performance Base:** A Fluor free base material developed for use in variable snow conditions.



N21 344	177-207/ 5cm	MOVE™ 3.0	44-42-43	1150g/ 187 cm (pair)	Paulownia + Carbon	Performance + Mohair mix + Tail Protector	Skin	No
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NORDIC PRO SKIN

Progressive Skin Milling Profile: Designed to ensure powerful grip and great glide by mimicking the way you normally gripwax a ski. **New Fiber Wrap:** A new wrap with lower weight, good strength and phenomenal energy return. **Power Edge:** Durable offset edge designed for maximum stability and edge control. **Distinct Side Cut:** Designed for stability and control. **New Universal Race Base:** A Fluor free race base material developed to perform in a wide range of snow conditions and improved durability.



MD25 1334	177-207/ 5cm	RAP	48-44-46	1580g/ 202 cm (pair)	Polycell	Universal Race + Profiber	Skin	Empower sticker
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NORDIC SKIN

Progressive Skin Milling Profile: Designed to ensure powerful grip and great glide by mimicking the way you normally gripwax a ski. **Distinct Sidecut:** Designed for stability and control.



MD26 1971	177-207/ 5cm	RAP	48-44-46	1220g/ 187 cm (pair)	Paulownia + Carbon	Performance + Mohair mix	Skin	No
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MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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ACTIVE SKIN JR

Integrated Skin: Designed to ensure optimal grip and glide in all conditions. **Designed For Young Skiers:** Developed and streamlined to fit the movement patterns of young skiers. **Performance Base:** A Fluor free base material developed for use in variable snow conditions.



N21 812	117-167/ 10cm	NIS JR	44-42-43	875g/ 157 cm (pair)	Paulownia + Carbon	Performance + Mohair mix	Jr. Skin	No
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RACE-LIGHT SKIN

Integrated Skin: Designed to ensure optimal grip and glide in all conditions.



N22 877	87-167/ 10 cm	NEMO SCR	48-48-48	825g / 127 cm (pair)	MultiCore	Performance + Mohair mix	Jr. Skin	No
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CLASSIC / DPSKIS



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
RACE PRO CLASSIC	Carbon Race Wrap: A carbon and fiberglass-wrapped and reinforced PR 90 core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. Universal Camber: A carbon reinforcement layout designed to deliver secure and reliable grip with an optimized snow feel. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE: ENERGY RETURN	MD24 0671	182-207/ 5cm	MOVE™ 3.0	43-44-44	920g/ 202cm (pair)	Carbon Race Wrap	World Cup Pro	CL Universal	Empower sticker
RACE PRO DP	Carbon Power Wrap: A carbon and fiberglass-wrapped and reinforced PR 90 core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. DP: An extremely low camber construction made to excel in all sorts of conditions. World Cup Pro Base: The pinnacle of base material designed to perform in the widest range of snow conditions	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE: ENERGY RETURN	MD25 1887	192cm	RAP	41-44-44	820g/ 192 cm (pair)	Carbon Power Wrap	World Cup Pro	DP	Empower sticker
RACE SPEED CLASSIC	Carbon Wrap: A carbon and fiberglass-wrapped and reinforced PU 90 core constructed with low epoxy absorption which makes for extremely low weight, good strength and phenomenal energy return. Universal Camber: A carbon reinforcement layout designed to deliver secure and reliable grip with an optimized snow feel. Universal Race Base: A Fluor free race base material developed to perform in a wide range of snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE: ENERGY RETURN	MD24 0673	182-207/ 5cm	MOVE™ 3.0	43-44-44	1050g/ 202cm (pair)	Carbon Wrap	Universal Race	CL Universal	Empower sticker
ACTIVE UNIVERSAL JR	Universal Construction: Designed for both skate and classic skiing. Slight Side Cut: Designed to provide a stable platform to generate power and aid in easy handling. Performance Base: A Fluor free base material developed for use in variable snow conditions.	STRIDE STABILITY CONTROL LIGHT-NESS DOUBLE POLE DYNAMIC RESPONSE: ENERGY RETURN	N21 813	117-167/ 10cm	NIS JR	44-42-43	875g/ 157 cm (pair)	Paulownia + Carbon	Performance	Jr. Skate and Classic	No Xcelerator Jr

CLASSIC SKIS

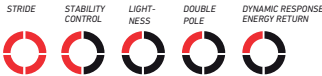


MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER	RECOM. BINDING
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RACELIGHT MG

Multi Grip: A base pattern which provides stable and confident bilateral grip without sacrificing ski glide and performance.



N22
879

87-167/
10cm

NEMO
SCR

48-48-48

825g/
127 cm
(pair)

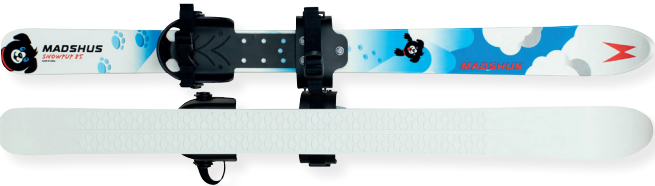
Multicore

Perfor-
mance +
MG

Jr.
Classic

No

Rottefella
Start



SNOW-PUP 85

A wide and stable construction with a unique NoWax base for easy snow exploration. **A universal step-in binding platform** provides season-to-season versatility that keeps up with growing feet and allows the use of regular winter footwear with the ski.

MD24
0500

85

Step-in
binding

65-55-60

825g/
85 cm
(pair)

ABS

No-wax

No

BACKCOUNTRY SKIS



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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FJELLTECH
M50
SKIN

3/4 Length Steel Edge: Added control and stability in icy conditions while retaining a softer and more flexible tip. **Integrated Skin:** Designed to ensure optimal grip and glide in all conditions. **Rottefella MOVE™ binding plate:** For adjustable grip and glide



N21 967	157, 167, 177, 187, 192, 202	MOVE™ 3.0	60-50-55	1780g/ 187 cm (pair)	Paulownia + Carbon	Perfor- mance + Mohair Mix	Universal BC	No
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FJELLTECH
M44 SKIN

3/4 Length Steel Edge: Added control and stability in icy conditions while retaining a softer and more flexible tip. **Integrated Skin:** Designed to ensure optimal grip and glide in all conditions. **Rottefella MOVE™ binding plate:** For adjustable grip and glide



N21 968	177, 187, 192, 202	MOVE™ 3.0	54-44-49	1760g/ 187 cm (pair)	Paulownia + Carbon	Perfor- mance + Mohair Mix	Universal BC	No
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PANORAMA
T50
INTELLIGRIP®
TRANSITION

Intelligrip Transition Skin: A removable skin made from a unique mix of Mohair and Nylon that ensures reliable grip in a wide range of conditions. **3/4 Length Steel Edge:** Added control and stability in icy conditions while retaining a softer and more flexible tip. **Paulownia + Carbon Core:** Farm-raised lightweight wood core with consistent material qualities.



N22 966	180, 190, 195, 205		60-50-55	1380g/ 187 cm (pair)	Paulownia + Carbon	Perfor- mance + Skin Pocket	Universal BC	No
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PANORAMA
T55
INTELLIGRIP®
TRANSITION

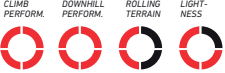
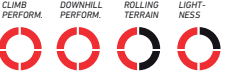
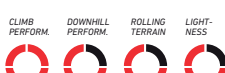
Intelligrip Transition Skin: A removable skin made from a unique mix of Mohair and Nylon that ensures reliable grip in a wide range of conditions. **Full Length Steel Edge:** Designed for maximum control and stability. **Paulownia + Carbon Core:** Farm-raised lightweight wood core with consistent material qualities.



N22 940	180, 190, 195, 205		68-55-62	1490g/ 192 cm (pair)	Paulownia + Carbon	Perfor- mance + Skin Pocket	Universal BC	No
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BACKCOUNTRY SKIS



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
 PANORAMA M 78	OmniGrip: A base pattern imprinted into the ski which varies from a less aggressive pattern in the front and rear for improved glide and a more aggressive pattern in the center for improved grip. Sidecut of 109-78-95: Designed to provide a tight turning radius. MultiCore: Farm-raised lightweight wood core with consistent material qualities.		N21 869	162-192/ 10 cm	Flat	109-78-95	2650g/ 182 cm (pair)	MultiCore	Perfor- mance + OmniGrip		No
 PANORAMA M 68	OmniGrip: A base pattern imprinted into the ski which varies from a less aggressive pattern in the front and rear for improved glide and a more aggressive pattern in the center for improved grip. Sidecut of 99-68-84: Designed for liveliness and downhill control. MultiCore: Farm-raised lightweight wood core with consistent material qualities.		N21 870	162-192/ 10 cm	Flat	99-68-84	2430g/ 182 cm (pair)	MultiCore	Perfor- mance + OmniGrip		No
 PANORAMA M 62	OmniGrip: A base pattern imprinted into the ski which varies from a less aggressive pattern in the front and rear for improved glide and a more aggressive pattern in the center for improved grip. Sidecut of 83-62-70: Designed for efficient and versatile off trail skiing. MultiCore: Farm-raised lightweight wood core with consistent material qualities.		N21 871	162, 172, 182, 192, 202	Flat	83-62-70	1890g/ 192 cm	MultiCore	Perfor- mance + OmniGrip		No
 PANORAMA SF 62	Steel Edge Free: Let your dog safely join you on your next ski across rolling ungroomed terrain. OmniGrip: A base pattern imprinted into the ski which varies from a less aggressive pattern in the front and rear for improved glide and a more aggressive pattern in the center for improved grip. MultiCore: Farm-raised lightweight wood core with consistent material qualities.		N23 872	172, 182, 192, 202	Flat	68-55-62	1690g/ 192 cm (pair)	MultiCore	Perfor- mance + OmniGrip		No

SKATE PACKAGE



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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ACTIVE SKATE	Active Skate Ski mounted with Rottefella Performance Skate Binding.	STABILITY CONTROL GLIDE LIGHTNESS DYNAMIC RESPONSE ENERGY RETURN				N21 343	167-192/ 5cm	NIS 7-click + Tail Protector	44-40-44	1150g/ 187 cm (pair)	Paulownia + Carbon	P-Tex 2000 Electra	Universal	No

SKIN PACKAGE



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
ACTIVE SKIN	Active Skin ski mounted with Rottefella Touring Automatic binding.	GRIP STABILITY CONTROL STRIDE LIGHT- NESS DOUBLE POLE DYNAMIC RESPONSE ENERGY RETURN	N21 344	177-207/ 5cm	MOVE™ 3.0 + Tail Protector	44-42-43	1150g/ 187 cm (pair)	Paulownia + Carbon	Perfor- mance + Mohair mix	Skin	No

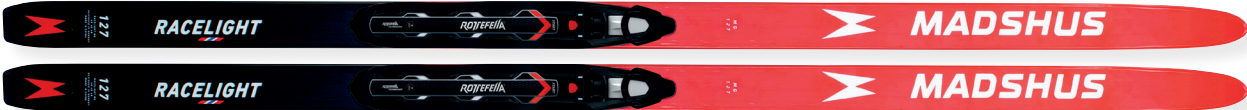
CLASSIC PACKAGE



MODEL	KEY FEATURES	CHARACTERISTICS	ITEM	LENGTH	BINDING PLATE	SIDECUT	WEIGHT	CORE	BASE	CAMBER	EMPOWER
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ACTIVE MGV	Active MGV Ski mounted with Rottefella binding.	STRIDE	STABILITY CONTROL	LIGHT- NESS	DOUBLE POLE	DYNAMIC RESPONSE ENERGY RETURN	N21 348	177-207/ 5cm	MOVE™ 3.0 + Tail Protector	44-42-43	1150g/ 187cm (pair)	Paulownia + Carbon	Perfor- mance + MGV	MGV	No



RACE- LIGHT MG	Racelight MG Ski mounted with binding.	STRIDE	STABILITY CONTROL	LIGHT- NESS	DOUBLE POLE	DYNAMIC RESPONSE ENERGY RETURN	N22 0301601	87-167/ 10cm	NEMO SCR	48-48-48	825g/ 127 cm (pair)	Multicore	Perfor- mance + MG	Jr. Classic	No

Foroom



26/27
MADSHUS
BOOTS

REDLINE BOOTS



MODEL	KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT
NEW REDLINE SKATE X BOA®	 SkateX Outsole: A compact interface between the boot and binding provides a stiffer connection, increased power transfer and lateral stability. The RED Carbon Evo Chassis: Engineered for exceptional stiffness and reduced weight, delivers maximum stability, power, and control. Madshus CarbonMold Cuff: Increases stability, support and provides superior power transfer. Madshus Red Innerboot: Improved with a lighter weight, precise fit and unique connection with the ski. BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Madshus Pro Ripstop: Higher and more elastic upper for a better fit.	MD26 1983	37-47	521g/ size 43	Madshus Incedted Carbon	Red Carbon EVO Chassis	Rottefella SkateX	Madshus Pro Ripstop	BOA® Fit System
NEW REDLINE BOA® SKATE	 The RED Carbon Evo Chassis: Engineered for exceptional stiffness and reduced weight, delivers maximum stability, power, and control. Madshus CarbonMold Cuff: Increases stability, support and provides superior power transfer. Madshus Red Innerboot: Improved with a lighter weight, precise fit and unique connection with the ski. BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Madshus Pro Ripstop: Higher and more elastic upper for a better fit.	MD26 1985	37-47	509g/ size 43	Madshus Incedted Carbon	Red Carbon EVO Chassis	Madshus Elite	Madshus Pro Ripstop	BOA® Fit System
NEW REDLINE BOA® CLASSIC	 The RED Carbon Evo Chassis: Engineered for exceptional stiffness and reduced weight, delivers maximum stability, power, and control. Compatible with <i>Madshus CarbonMold</i> cuff for improved stability. Madshus Red Innerboot: Improved with a lighter weight, precise fit and unique connection with the ski. BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Madshus Pro Ripstop: Higher and more elastic upper for a better fit.	MD26 1987	37-47	416g/ size 43	Madshus Incedted Carbon	Red Carbon EVO Chassis	Madshus Elite	Madshus Pro Ripstop	BOA® Fit System
NEW REDLINE BOA® JR	 BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. High Performance Universal Construction: Built for a forfoot flex with optimized fro classic striding and an ankle cuff for stable skating. Integrated Power Chassis: Provides maximum stability, power, and control.	MD26 2176	36-42	420g/ size 35	Performance	Integrated Power Chassis	Madshus Elite	Madshus Performance	Race Wrap 2.0

BOA® SKATE BOOTS



MODEL	KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT	
RACE PRO BOA® SKATE 	BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Performance Cuff: A lightweight cuff designed to provide added stability and comfort.	MD24 0497	38-47	606g/size 42 (pair)	Performance	Integrated Power Chassis	Madshus Elite	Madshus Pro Ripstop	BOA® Fit System	
W RACE PRO BOA® SKATE 	BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Performance Cuff: A lightweight cuff designed to provide added stability and comfort. Optimized for Women: Featuring specific toebox and instep sizing.	MD24 0496	36-42	544g/size 39 (pair)	Performance	Integrated Power Chassis	Madshus Elite	Madshus Pro Ripstop	BOA® Fit System	
PULSE SKATE X BOA® 	SkateX Outsole: A compact interface between the boot and binding provides a stiffer connection, increased power transfer and lateral stability. BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control.	MD26 2177	37-48	604g/size 43	Performance	Integrated Power Chassis	Rottefella SkateX	Madshus Performance	BOA® Fit System	

NEW

BOA® / SKATE BOOTS



MODEL		KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT	
PULSE BOA® SKATE		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Performance Cuff: A lightweight cuff designed to provide added stability and comfort.	MD25 1342	39-48	528g/ size 42	Perfor- mance	Integrated Power Chassis	Madshus Perfor- mance	Madshus Perfor- mance	BOA® Fit System	
W PULSE BOA® SKATE		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Performance Cuff: A lightweight cuff designed to provide added stability and comfort. Optimized for Women: Featuring specific toebox and instep sizing.	MD25 1345	36-42	450g/ size 39	Perfor- mance	Integrated Power Chassis	Madshus Perfor- mance	Madshus Perfor- mance	BOA® Fit System	
PULSE SKATE 		Speedlace System: Delivers a quick, precise fit engineered for performance in all conditions. Integrated Power Chassis: Provides maximum stability, power, and control.	MD26 2155	36-48	592g/ size 43	Perfor- mance	Integrated Power Chassis	Madshus Perfor- mance	Madshus Perfor- mance	Speedlace System	
ENDURANCE SKATE		Injected Cuff: Designed for stability and control. Fleece Softshell Upper: A warm, dry, and breathable upper. Madshus Revo Wrap Innerboot: Designed for optimal fit and control.	N22 04004	36-48	585g/ size 42	Injected		Madshus Perfor- mance	Fleece Softshell	Revo Wrap	

BOA® / UNIVERSAL BOOTS



MODEL	KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT	
PULSE BOA® UNIVERSAL 	BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Universal Construction: Designed for both skate and classic skiing.	MD25 1343	39–48	528g/ size 42	Performance	Integrated Power Chassis	Madshus Performance	Madshus Performance	BOA® Fit System	
W PULSE BOA® UNIVERSAL 	BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Universal Construction: Designed for both skate and classic skiing. Optimized for Women: Featuring specific toebox and instep sizing.	MD25 1346	36–42	450g/ size 39	Performance	Integrated Power Chassis	Madshus Performance	Madshus Performance	BOA® Fit System	
PULSE UNIVERSAL 	Speedlace System: Delivers a quick, precise fit engineered for performance in all conditions. Integrated Power Chassis: Provides maximum stability, power, and control.	MD26 2156	36–48	543g/ size 43	Performance	Integrated Power Chassis	Madshus Performance	Madshus Performance	Speedlace System	
ENDURACE UNIVERSAL 	Universal Construction: Designed for both skate and classic skiing. Fleece Softshell Upper: A warm, dry, and breathable upper. Madshus Revo Wrap Innerboot: Designed for optimal fit and control.	N22 04005	36–48	585g/ size 42	Injected		Madshus Performance	Fleece Softshell	Revo Wrap	

UNIVERSAL BOOTS



MODEL		KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT	
ACTIVE C		High Collar Ankle Support: Provides an extra level of ankle support. Fleece Softshell Upper: A warm, dry, and breathable upper. Active Wrap Innerboot: A stable, relaxed fit that keeps you warm and skiing all day.	N22 04009	36-48	470g/ size 42	-		T4	Fleece Softshell	Active Wrap	PVC
NORDIC		Stable Construction: Designed to secure the whole foot. Fleece Softshell Upper: A warm, dry, and breathable upper. Active Wrap Innerboot: A stable, relaxed fit that keeps you warm and skiing all day.	N22 04011	36-48	450g/ size 42	-		T4	Fleece Softshell	Active Wrap	

BOA® CLASSIC BOOTS



MODEL		KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT	
RACE PRO BOA® CLASSIC		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control.	MD24 0498	38-47	420g/ size 42	-	Integrated Power Chassis	Madshus Elite	Madshus Pro Ripstop	BOA® Fit System	
W RACE PRO BOA® CLASSIC		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Optimized for Women: Featuring specific toebox and instep sizing.	MD24 0490	36-42	406g/ size 39	-	Integrated Power Chassis	Madshus Elite	Madshus Pro Ripstop	BOA® Fit System	
PULSE BOA® CLASSIC		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control.	MD25 1340	36-48	442g/ size 42	-	Integrated Power Chassis	Madshus Perfor- mance	Madshus Perfor- mance	BOA® Fit System	
W PULSE BOA® CLASSIC		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. Integrated Power Chassis: Provides maximum stability, power, and control. Optimized for Women: Featuring specific toebox and instep sizing.	MD25 1344	36-42	440g/ size 39	-	Integrated Power Chassis	Madshus Perfor- mance	Madshus Perfor- mance	BOA® Fit System	

CLASSIC BOOTS



MODEL		KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT	HEEL COUNTER
PULSE CLASSIC 		Speedlace System: Delivers a quick, precise fit engineered for performance in all conditions. Integrated Power Chassis: Provides maximum stability, power, and control.	MD26 2157	36-48	457g/ size 43	Perfor- mance	Integrated Power Chassis	Madshus Perfor- mance	Madshus Perfor- mance	Speedlace System	
ENDURACE CLASSIC		Enhanced Heel Hold: Provides confident ski control on long tours. Fleece Softshell Upper: A warm, dry, and breathable upper. Madshus Revo Wrap Innerboot: Designed for the optimal fit and control.	N22 04003	36-48	380g/ size 42	-		Madshus Perfor- mance	Fleece Softshell	Revo Wrap	
ACTIVE C		High Collar Ankle Support: Provides an extra level of ankle support. Fleece Softshell Upper: A warm, dry, and breathable upper. Active Wrap Innerboot: A stable, relaxed fit that keeps you warm and skiing all day.	N22 04009	36-48	470g/ size 42	-		T4	Fleece Softshell	Active Wrap	PVC

BACKCOUNTRY BOOTS



MODEL	KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT	GAITOR
PANORAMA EXPLORER 	Rottefella Explore Binding System: Designed to maximize stability, durability, and downhill control. Enhanced Heel Hold: Provides confident ski control on long tours. High Cut Revo Wrap Innerboot: Provides comfort, stability and control.	N22 04007	37-48	840g/ size 42	Injected	Injected Skate	Rottefella Explore	Fleece Softshell	High Cut Revo Wrap	Water-proof
PANORAMA MNT 	Enhanced Heel Hold: Provides confident ski control on long tours. High Cut Revo Wrap Innerboot: Provides comfort, stability and control.	N22 04006	37-49	880g/ size 42	Injected	Injected Skate	Rottefella BC	Fleece Softshell	High cut Revo Wrap	Water-proof
FJELLTECH 	Polyamide Heel Counter: Provides stiffness and stability. Fleece Softshell Upper: A warm, dry, and breathable upper. High Cut Revo Wrap Innerboot: Provides comfort, stability and control.	N22 04008	36-48	650g/ size 42	Injected	Polyamide	Madshus Performance	Fleece Softshell	High cut Revo Wrap	Water-proof

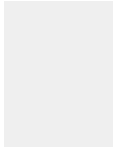
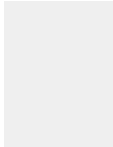
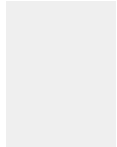
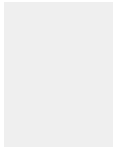
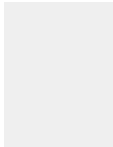
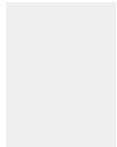
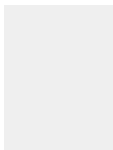
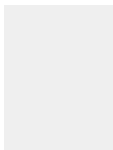
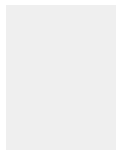
JUNIOR BOOTS



MODEL		KEY FEATURES	ITEM	SIZES	WEIGHT	CUFF	BASE	OUTSOLE	UPPER	INNERBOOT
NEW REDLINE BOA® JR		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. High Performance Universal Construction: Built for a forfoot flex with optimized fro classic striding and an ankle cuff for stable skating. Integrated Power Chassis: Provides maximum stability, power, and control.	MD26 2176	36-42	420g/ size 35 (pair)	Performance	Integrated Power Chassis	Madshus Elite	Madshus Performance	Race Wrap 2.0
NEW RACE JR		BOA® Fit System: Delivers a micro-adjustable, precision fit engineered to perform in the toughest conditions. High Performance Universal Construction: Built for a forfoot flex with optimized fro classic striding and an ankle cuff for stable skating. Integrated Power Chassis: Provides maximum stability, power, and control.	MD26 2158	33-42	405g/ size 35 (pair)	Performance	Integrated Power Chassis	Madshus Performance	Fleece Softshell	Speedlace System
RACELINE JR		T4 Jr Outsole: Provides stability, control, and warmth that can stand up to rugged snow play. Fleece Softshell Upper: A warm, dry, and breathable upper. Active Wrap Innerboot: A stable, relaxed fit that keeps you warm and playing all day.	N22 04012	25-40	360g/ size 37	-		T4 JR	Fleece Softshell	Active Wrap

PODIUM BOOTS



MODEL	KEY FEATURES	ITEM			
MADSHUS OVERBOOT 	Fabric: Rubber/Neopren Sizes: 35/36, 37/38, 39/40, 41/42, 43/44, 45/46 .	MD24 0687   			
AFTER RACE BOOTIES 2.0 	Footbed: Intuition Foam Outsole: Rubber Sizes S(5-7) M(7-9) L(10-12)	N22 04015   			
PODIUM BOOTIES 	Footbed: Intuition foam Outsole: Michelin Rubber Sizes: B (5-7 US) / M (7-9 US) / L (10-12 US)	N22 04016   			

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MADSHUS
POLES

POLES



MODEL	KEY FEATURES	ITEM	LENGTH	SHAFT	TIP DIAM.	BUTT DIAM.	STRAP	BASKET	HANDLE	WEIGHT	LENGTH	STRAP SIZE
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REDLINE POLE KIT	100% UHM Carbon Elipse Shaped shaft: An extremely lightweight shaft designed to minimize drag and built with Ultra-High Modulus Carbon which provides excellent stiffness. TBS® Basket System: Designed to allow for changing baskets quickly and without tools. Race Strap 2.0: Designed to ensure a snug fit for control and power.	MD26 1990	155cm and 175 cm	100% UHM Carbon Elipse	10mm	16mm	Race Strap 2.0	Small TBS®	Redline	54 g/m	135–142,5	S
											145–152,5	M
											155–175	L



ITEM	KEY FEATURES	
RACE STRAP 2.0 	N210900701	Race Strap 2.0 Small
	N210900201	Race Strap 2.0 Medium
	N210900201	Race Strap 2.0 Large
	N210900201	Race Strap 2.0 X-Large

ITEM	KEY FEATURES	
BIATHLON STRAP 	NP40009	Biathlon Strap - Contoured

ITEM	KEY FEATURES	
RACE BASKET TBS® 	N2009010010	Race Basket Small TBS®
	N2009011010	Race Basket Large TBS®

RACE STRAP CURVE 	N210900201	Race Strap Curve – S
	N210900201	Race Strap Curve – M
	N210900201	Race Strap Curve – L
	N210900201	Race Strap Curve – XL

REDLINE / RACE HANDLE 	MD251882	Redline Handle
	N2009009010	Race Handle

RACE BASKET 	NP20002	9mm Race Basket – Tungsten
	N150900501	10mm UHM Basket – Black
	N150900601	10mm Powder Basket – Black
	NP20005	10mm Race Basket w/small tungsten tip

RACE STRAP 	N2109007012	Race Strap Black – S
	N2109007014	Race Strap Black – M
	N2109007016	Race Strap Black – L
	N2109007018	Race Strap Black – XL

CORK HANDLE 	N150900301	Cork Race Handle & Wedge
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ROLLER FERRULE 	N160900401	Roller Ferrule: 10mm
	N160900301	Roller Ferrule: 9mm

CONTOUR CHAMPION STRAP 	N170901001	Contour Champion Strap - XS
	N170900701	Contour Champion Strap - S
	N170900801	Contour Champion Strap - M
	N170900901	Contour Champion Strap - L

GRIP CAP 	N2009015010	Grip cap w/rievet Red
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26/27
MADSHUS
ACCESSORIES

ACCESSORIES



MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

SKI BAG 1-2 PAIRS



ITEM: N2101005
Ski bag for reliable gear protection, holds 2 pairs of skis up to 210cm. External compression straps. 600D*300D polyester. YKK zipper. Size: 213 x 14 x 14 cm.

SKI BAG 5-6 PAIRS



ITEM: N2101006
Ski bag for reliable gear protection, holds 6 pairs of skis up to 210cm. External compression straps. 600D*300D polyester. YKK zipper. Size: 213 x 25 x 22 cm.

SKI BAG 15 PAIRS



ITEM: N2101007
Ski bag for reliable gear protection. Holds up to 15 ski pairs. 600D Polyester Ripstop. YKK zipper. Size: 213 x 38 x 29 cm.

TESTSKI BAG 6 AND 8 PAIRS



6 PAIR: ITEM: N2001003
8 PAIR ITEM: N2001004
600D Polyester Ripstop YKK zipper.

MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

POLE BAG HARDCASE



ITEM: N2101011
600D*300D Polyester with PVC backing
100% Polyester

RIFLE BAG



ITEM: N2101008
600D Polyester Ripstop. YKK zipper.
Size: 115x12x26,5cm.

DUFFEL BAG 60L+



ITEM: MD251426

A 60L Duffel Bag with a durable, TPU coated bottom construction for extreme durability and waterproofing and detachable backpack straps with shoulder sling configurability. 200D Nylon Ripstop Exterior, 150D Polyester Liner.

RACE BACKPACK 12L



ITEM: MD251429

A hydration compatible 12L Race Backpack with zippered waist belt pockets on each side, lightweight mesh straps with micro mesh pockets on both straps and a hidden rain cover. 200D Nylon Ripstop Exterior, 150D Polyester Liner.

MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

RACE DAY BACKPACK 40L



ITEM: N2101013

Versatile and durable backpack with spacious main compartment and large outer pockets. 600D Polyester Ripstop and YKK zippers. Size: 41x17x53cm.

RACE DAY BACKPACK 54L



ITEM: N2101014

Backpack for carrying ski gear, separate pockets for ski boots on both sides. 600D Polyester Ripstop and YKK zippers. Volume: 54L. Size: 36x41x46,5cm.

WAIST BELT SOFT BOTTLE BAG



ITEM: MD251489

A lightweight hydration pack with a 750mL Hydrapak WMX Ultraflask assembly with a locking bite valve cap, adjustable collar for holding the soft flask in place and an exterior storage pocket. 200D Nylon Ripstop Exterior, 150D Polyester Liner.

HYDRATION HIP PACK 5L



ITEM: MD251427

A lightweight, Mesh wrapped 5L Hip Pack with a 1.5L Hydrapak Compact Reservoir assembly included with a 36" ArcticFusion insulated hose and a main compartment featuring a side wall organizer and accessory pocket. 200D Nylon Ripstop Exterior, 150D Polyester Liner.

ACCESSORIES



MODEL/ITEM	KEY FEATURES / SIZES / MATERIALS		MODEL/ITEM	KEY FEATURES / SIZES / MATERIALS		MODEL/ITEM	KEY FEATURES / SIZES / MATERIALS	
WAIST BELT BAG ITEM: MD251443	 Hip pack features a storage pocket with a side bottle holder. 600D Polyester Ripstop and YKK zippers. BPA free.		SKI STRAP RACING ITEM: N2101041	 3mm EVA + Nylon Velcro. Fits up to 48mm width skis. Size: 14x6cm.		BOOT-COVER WARM ITEM: N230401101	 Boot cover with windstopper fabric and Thinsulate™ insulation. Sizes: 36/37, 38/39, 40/41, 42/43, 44/45, 46/47.	
INSULATED DRINK BELT ITEM: MD251428	 Thermobelt with a 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.		SKI STRAP TOURING ITEM: N2101042	 3mm EVA + Nylon Velcro. Fits touring and kid's skis from 44 to 58mm. Size: 14,5'x7cm.		MADSHUS OVERBOOT ITEM: MD240687	 Fabric: Rubber/Neopren Sizes: 35/36, 37/38, 39/40, 41/42, 43/44, 45/46 .	
INSULATED DRINK BELT ITEM: MD251428	 Thermobelt with a 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.		SKI STRAP BC ITEM: N2101043	 3mm EVA + Nylon Velcro. Fits BC and kid's skis. Measurements: 29x5cm.		AFTER RACE BOOTIES 2.0 ITEM: N220401501	 Footbed: Intuation Foam Outsole: Rubber Sizes S(5-7) M(7-9) L(10-12)	
DRINK BELT ITEM: N2101001	 Offset bottle design for easy access, with a small pocket for keys and other items. 600D Polyester Ripstop and YKK zipper. BPA free.					PODIUM BOOTIES ITEM: N220401601	 Footbed: Intuation foam Outsole: Michelin Rubber Sizes: B (5-7 US) / M (7-9 US) / L (10-12 US)	

ACCESSORIES



MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

RACE BEANIE



Light and comfortable ski hat for racing.
92% polyester, 8% spandex.
Color: Red/Black.
Size: M – L

ITEM:
N2101029

RACE HEADBAND



Light and comfortable headband.
92% polyester, 8% spandex.
Color: White.
One size

ITEM:
N2101032

ACTIVE VENTED BEANIE



Ventilated ski hat.
30% wool / 70% acrylic.
Color: White/Black.
Size: M – L

ITEM:
N2101034

M-BEANIE



Double knitted casual ski hat.
30% wool / 70% acrylic.
Color: Black.
One size

ITEM:
N2101035

MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

ACTIVE BEANIE



Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic.
Color: Red/Black.
Size: M – L

ITEM:
N2101033

ACTIVE BEANIE



Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic.
Color: White/Blue/Grey.
Size: M – L

ITEM:
N2101033

ACTIVE BEANIE



Warm ski hat for training and racing on colder days. Fleece lining. 30% wool / 70% acrylic.
Color: Red/White/Grey.
Size: M – L

ITEM:
N2101033

ACTIVE VENTED BEANIE



Ventilated ski hat.
30% wool / 70% acrylic.
Color: Black/Red.
Size: M – L

ITEM:
N2101034

MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

LOGO BEANIE



Warmer ski hat with retro look. Fleece lining.
30% wool, 70% acrylic.
Color: Black.
One size.

ITEM:
N2101038

ACCESSORIES



MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

PANORAMA WOOL CAP

ITEM:
MD240833001



A snapback made of 60% Wool and 40% Polyester.
Color: Wool Gray.

MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

CAP EST. 1906

ITEM:
N2201002



Trucker cap with cotton/ Nylon Mesh
One size.

1906 SNAP-BACK CAP

ITEM:
MD240829001



A snapback made of 100% Cotton.
Color: Emerald Green.

CAP GRAY SQUARE

ITEM:
N2201001



Trucker cap with cotton/ Nylon Mesh
Color: Grey
Size One

1906 SNAP-BACK CAP

ITEM:
MD240829002



A snapback made of 100% Cotton.
Color: Marine Blue

5 PANEL CAP MADSHUS

ITEM:
N2201003



5 panel cap 100% Nylon
Color: Red
Size One

RACE 5 PANEL CAP

ITEM:
MD240830001



A 100% Nylon 5 Panel hat.
Color: Red/black

ACCESSORIES



MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

REDLINE GLOVE

ITEM:
N2101020



Race fit, windproof and breathable glove with goat leather in the palm. Touch screen finger. Color: Red. Size 5-12/XXXS-XXL.

REDLINE MITT

ITEM:
N2101021



Race fit, windproof and breathable mitt. Color: Red. Size: 5-12/XXXS – XXL.

RACE PRO GLOVE

ITEM:
N2101022



Race fit, warm, windproof and breathable glove with Thinsulate™ insulation. Touch screen fingers. Color: Black. Size 5-12/XXXS-XXL.

ENDURACE GLOVE

ITEM:
N2101023



Windproof and warm glove with Thinsulate™ insulation. Touch screen fingers and reflective details. Color: Black. Size: 5-12/XXXS – XXL.

MODEL/ITEM KEY FEATURES / SIZES / MATERIALS

ENDURACE SPLIT MITT

ITEM:
N2101024



Comfortable and windproof lobster mitten with Thinsulate™ insulation and reflective details. Color: Black. Size: 5-12/XXXS – XXL.

ACTIVE GLOVE

ITEM:
N2101025



Windproof and warm glove with Thinsulate™ insulation. Touch screen fingers and reflective details. Color: Black. Size: 5-12/XXXS – XXL.

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

MODEL/ITEM	KEY FEATURES / SIZES / MATERIALS	MODEL/ITEM	KEY FEATURES / SIZES / MATERIALS	
REPLACEMENT SKIN RED 32MM 3 PAIR ITEM: N1752000	 100% Mohair skin for replacing skins. 3 pair in the package.	INTELLIGRIP SKIN 38MM ITEM: N210102701 INTELLIGRIP SKIN 60MM ITEM: N210102801	  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 insert ensures a smooth transition between the gliding surface and skin which is critical for decreasing drag and preventing icing under the ski.	
REPLACEMENT SKIN 32MM 3 PAIR ITEM: N1652000	 70% Mohair and 30% Nylon Skin for replacing skins. 3 pair in the package.	REPLACEMENT SKIN PROFIBRE  ITEM: MD262055	 100% Profibre. Skin color: Darkgreen.	
REPLACEMENT SKIN MOHAIR 1 PAIR ITEM: N230401001	 100% Mohair skin for replacing skins. 1 Pair.			
REPLACEMENT SKIN MOHAIR/MIX 1 PAIR ITEM: N230400901	 70% Mohair and 30% Nylon Skin for replacing skins. 1 Pair.			

SKIN SKI – SKIN LENGTHS



Item	MD240677						MD240678						MD251332						MD251333						MD251334						MD251493					
Model Name	RACE PRO SKIN						RACE SPEED SKIN						ENDURANCE SKIN						ACTIVE PRO SKIN						NORDIC PRO SKIN						RACE PRO SKIN JR					
SKIN MATERIAL	100% Mohair						Mohair/mix						Profibre						Profibre						Profibre						Profibre					
SKI / CM LENGTH	182	187	192	197	202	207	182	187	192	197	202	207	182	187	192	197	202	207	182	187	192	197	202	207	177	182	187	192	197	202	207	147	157	167	172	177
SKIN / MM LENGTH	390	390	390	420	420	420	390	390	390	420	420	420	390	390	390	420	420	420	420	420	450	450	450	450	390	420	420	420	450	450	450	300	300	330	330	330

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

RECOMMENDED LENGTH OF SKIS AND POLES



SKIS

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

POLES

CLASSIC POLES	SKATE POLES
60	70
65	75
70	80
75	85
80	90
85	95
90	100
95	105
100	110
105	115
110	120
115	125
120	130
125	135
130	140
135	145
140	150
145	155
150	160
155	165
160	170
165	175
170	175

BOOT SIZE CONVERSION CHART



EURO		25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
US	JUNIOR	8	9	10	11	12	12,5	13,5	1,5	2,5	3	3,5	-	-	-	-	-	-	-	-	-	-	-	-	-
	MEN	-	-	-	-	-	-	-	-	-	-	-	4,5	5	6	6,5	7,5	8	9	10	10,5	11,5	12	13	14
	WOMAN	-	-	-	-	-	-	-	-	-	-	-	5,5	6	7	7,5	8,5	9	10	11	11,5	12,5	13	14	15
MONDO		170	175	180	185	190	195	200	205	210	215	220	225	230	240	245	255	260	265	275	285	295	300	310	320

WEIGHT TABLES REDLINE



REDLINE CLASSIC K1/K2

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

REDLINE CLASSIC LTD

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

REDLINE SKATE F2 AND 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 SKATE LTD

	50-65	60-75	70-85	
192				
187				
182				

REDLINE DP1/DP2

	60	70	90	100
192				

REDLINE SKIN

	40-50	50-60	60-70	70-80	80-90	90-100	100-110+
207							
202							
197							
192							
187							
182							

REDLINE ZERO

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

REDLINE CLASSIC JUNIOR

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

REDLINE SKATE JUNIOR

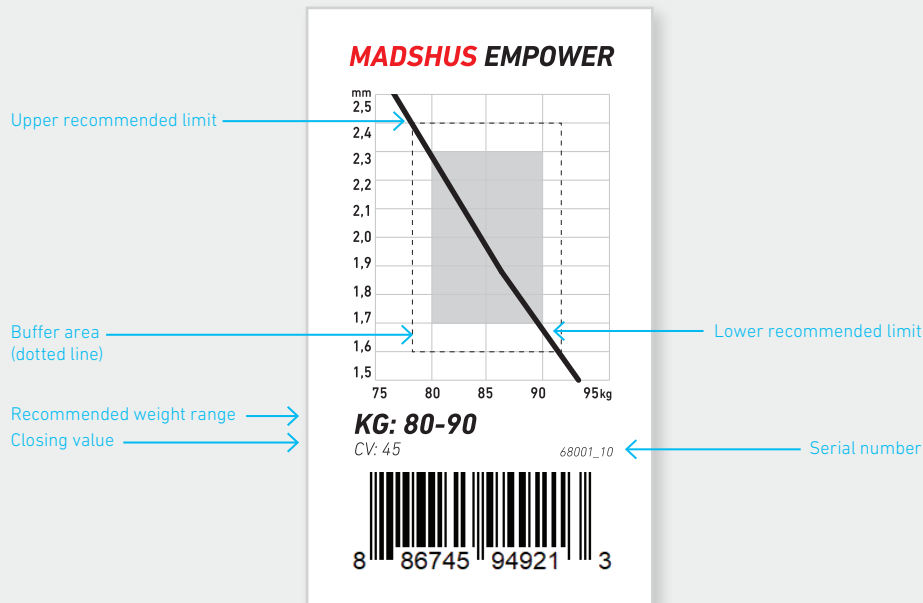
	20-30	30-40	40-50	50-60			
187							
182							
177							
172							
167							
157							
147							

MADSHUS EMPOWER SKI STICKER EXAMPLES

Skis are measured using the Empower system.



CLASSIC/SKIN



Every model of Madshus classic and skin has an upper and lower half-body-weight camber limit. These limits are used, in combination with our Empower measurement system, to find the range of body weights that we recommend for each individual pair of skis.

We take pride in every pair of skis we sell, so it is only right that we provide clear recommendations so you know that the

skis underfoot will provide the intended performance. However, these are only our recommendations, and depending on your specific needs you may desire skis outside of our suggested limits to either prioritize grip or glide, and that is ok! We understand that there are many different types of skiers with individual goals and skiing styles, so we provide the Empower sticker as a reference that will help in picking the right ski for your unique needs.

SKATE



SKATE SKIING is very dynamic, and compared to classic skiing there are much greater differences in the loading forces between more and less experienced skiers.

When we begin skate skiing the skating motion is more akin to stepping from one foot to the other, rarely loading the ski much above the skier's body weight, whereas elite skiers typically push with a force of over 2,5x their body weight during competitions. It is for this reason that we do not have camber height limits which correlate to specific body weights, because it is our belief that this information would be misleading and not account for the wide variation in skiers using these skis. We still provide the dynamic response of the ski, but it requires a bit more consideration to interpret.

Skis which have more of an «L» shape will settle quicker and stiffen more as you increase the load, whereas skis which have a more linear camber height-weight curve will be more progressive and energetic in their response. Additionally, skiers who are heavier or more powerful should tend to pick skis with higher camber heights than skier who are lighter or less dynamic in the pushing phase.

MADSHUS EMPOWER SKI MEASUREMENT DEFINITIONS



BP = BALANCE POINT

Reference point for camber measurement. The balance point is normally the mounting point of the toe bar in the boot to the binding.

-8cm: Load point 8cm behind the BP

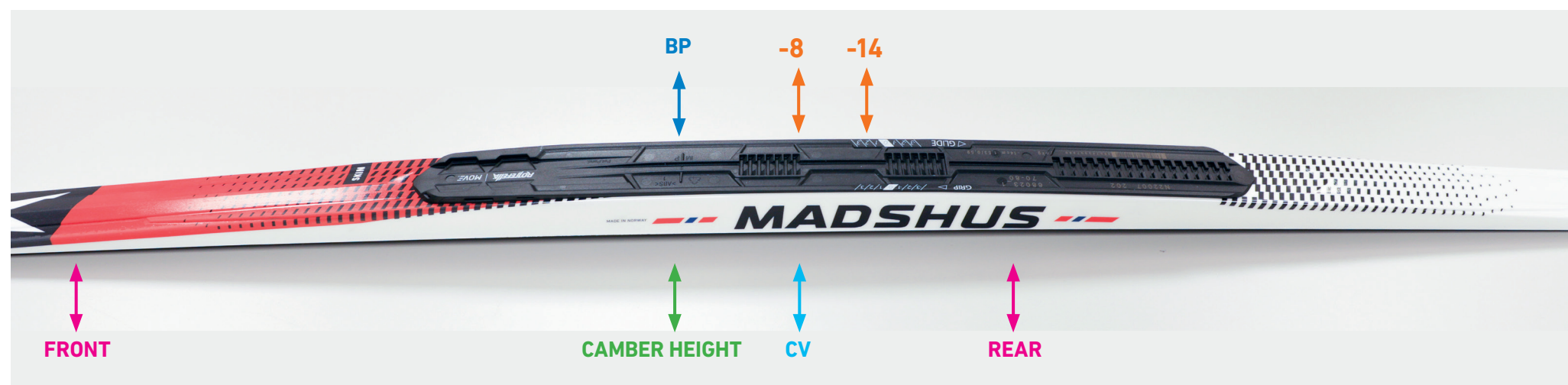
Skate: Based to measure the camber curves.

Classic: Based to measure the closing value (CV), typically to simulate the skis' response during the kicking phase.

-14cm: Load point 14cm behind the BP

Skate: Not used

Classic: Based to measure the wax pocket of the ski and camber heights (measure taken at BP).



CAMBER HEIGHT AT BP

Camber heights are measured at the balance point of the ski. For skate skis the load is applied at -8cm and for classic and skin skis the load is applied at -14cm. The camber height is the distance from a flat surface up to the ski base, in mm. Camber heights are normally referred to at half body weight (HBW) and full body weight (FBW).

WAX POCKET

The wax pocket is normally measured when applying load at -14cm. The load is 50% of the body weight of the skis. Different gauges/shims can be used to measure reference the wax pocket, especially in the front. The rear wax pocket can also be measured using the same procedure as in the front, but normally it should not be necessary to wax longer than the heel of the boot.

CLOSING VALUE (CV)

Closing value (CV) is the load/weight that is needed to flatten the ski. The load is applied -8cm behind the balance point, and the flattening of the ski is registered directly under the load. The CV recommendations are given in specific tables for the different ski models, but the typical range is 52-70% of the body weight. However, this is only a guideline since the shape of the camber is still more important.



From left: Plate with MOVE Switch Adaptive Insert, Plate with Quicklock Adaptive Insert, Plate with NIS Lock Adaptive Inserts.

ROTTEFELLA ADAPTIVE PLATE (RAP)

The Rottefella Adaptive Plate revolutionizes versatility in cross country skiing. Building on the proven bonding technology of the NIS plate, this innovative system works with a wide range of bindings and unlocks endless possibilities for future innovations. Now, you can effortlessly switch between various locking and moving mechanisms by simply changing the inserts in the plate.

Protected by patents, this system is designed to work seamlessly with our new bindings and remains fully compatible with any older NIS bindings.

To mount NIS bindings* to the RAP plate NIS Lock Adaptive Inserts are needed.



From left: Rottefella MOVE Switch Performance, Rottefella Performance, Rottefella Adaptive Plate without inserts.

ROTTEFELLA PERFORMANCE BINDINGS

Our new Performance bindings, Performance & MOVE Switch Performance, are incredibly user-friendly, featuring a step-in function that allows you to easily step into the binding without bending down. The new and improved handle makes it effortless to step out of the binding.

The new Performance-bindings are not compatible with NIS Plates.

*ROTTEFELLA XCELERATOR PRO CLASSIC/SKATE, XCELERATOR 2.0 CLASSIC/SKATE, XCELERATOR JUNIOR CLASSIC/SKATE, PERFORMANCE, TOURING AUTO



PURE SKIING.

Dealer tools