



PELTONEN

PASSION FOR XC-SKIING



ENGLISH

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NEW PELTONEN SKI FACTORY OPENED IN HEINOLA

Year 2011 was the year of biggest change in our history, as we started production in our new and modern factory in Heinola. We have made big investments in new manufacturing equipment and technology, and we now have three times the production capacity as in our previous factory in Hartola. Despite the moving operation, we already made our all-time manufacturing quantity record in year 2011, with still lots of capacity left for growth.

CROSS-COUNTRY SKIS SINCE 1945

Started in 1945 by a talented skier and craftsman Toivo Peltonen, Peltonen has been manufacturing cross-country skis in Finland ever since.

Peltonen's history in xc racing is as long as manufacturing history - Toivo Peltonen used to race his own skis to victory in regional championships. First Olympic medals for Peltonen were won in Sapporo 1971 by Juri Skobov and Valeri Voronkov (USSR).

Continuous manufacturing of skis on eight decades has seen many revolutions and evolutions in skis and skiing technique, and also in ski manufacturing technology.

The driving force behind us through all these decades has always been the passion for cross-country skiing and innovation.





PELTONEN SKIING CONCEPTS:

WORLD CUP RACING CONCEPT

Uncompromised high-end equipment for top-level skiers who are in pursuit of excellence. The characteristics of this product category are shaped to suit exceptionally well those skiers who want the best equipment available. Features like HYBTONITE® nanocarbon, XTT Extralight Tip and Tail, Nanocarbon Aviflex construction, Peltonen Nanobase, three different track profiles to choose from, will help you take your skiing to the next level.

RACING CONCEPT

The Racing Concept is very similar to World Cup Racing Concept, but with a more affordable price tag. Features like Aircell Aviflex construction and PRG-4000 bases satisfy even the most demanding skiers who ski a lot and like to challenge themselves.

SPORT CONCEPT

A category where excellent performance meets excellent prices. Products in this category are designed for hobbyists who still understand the benefits of lightweight equipment. Aviflex construction with correct flex fitting and quality PRG-3000 base material are all included in Sport Concept.

TOURING CONCEPT

The Touring Concept offers equipment suitable for those skiers, who want to take full advantage of the fun and enjoyment of skiing on sunny winter days. We believe that also they have the right to enjoy features like AirChannel Cap construction, PRG-2000 bases and optional step pattern. What also separates the products in this category from a typical bulk skis sold at the mall is the hand made quality of a genuine Peltonen product.

NIS PLATE LENGTHS:

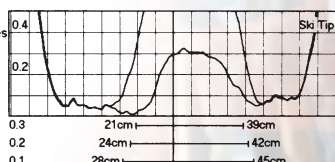


FOR ALL SKI MODELS

139–167 cm: 3-click

174–207 cm: 7-click

Model
Ski Brand
Offset
Ski Index
Binding
Half
Full
Serial/ID
Height @ bal.



SKISELECTOR® PAIRING

By using customized ski measuring technology from SkiSelector, Peltonen is now offering the best-matching pairs in ski industry. Each ski is automatically measured by multiple parameters, and with the help of these parameters, pairs are then hand-picked one by one by experienced staff, to get the best pairs possible.



Mona-Liisa Malvalehto (FIN)

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SUPRA-X / INFRA-X WORLD CUP



SUPRA-X

WORLD CUP SKATING

Hybtonite® Nanocarbon Aviflex Construction
(Junior lengths 139, 146 with AirChannel core)
XTTlight - Extralight Carbon Tip and Tail
Low and narrow tip / tail profile
Peltonen Nanobase with CrystalGLIDE™ finish

Sidecut	44-44-44
Lengths junior	139-174 / 7 cm
Lengths adult	181, 188, 193 cm
Profiles junior	Universal
Profiles adult	Soft/Universal/Hard

INFRA-X

WORLD CUP CLASSIC

Hybtonite® Nanocarbon Aviflex Construction
XTTlight - Extralight Carbon Tip and Tail
Javelin tip for better in-track turning
Peltonen Nanobase with CrystalGLIDE™ finish

Sidecut	44-44-44
Lengths junior	139-181 / 7 cm
Lengths adult	188, 195, 202, 207 cm
Profiles junior	Universal
Profiles adult	Soft/Universal/Hard

INFRA-X ZERO

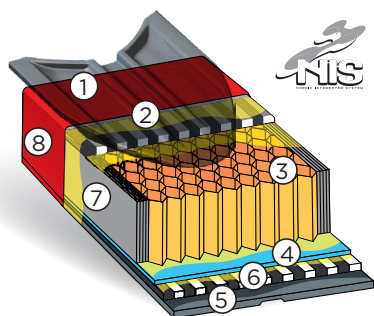
WORLD CUP CLASSIC

Hybtonite® Nanocarbon Aviflex Construction
XTTlight - Extralight Carbon Tip and Tail
Javelin tip for better in-track turning
Peltonen Nanobase with CrystalGLIDE™ finish
ZERO waxfree grip zone

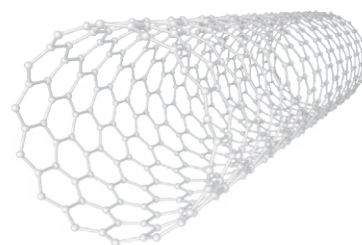
Sidecut	44-44-44
Lengths	188, 195, 202, 207 cm
Profiles	Soft/Universal/Hard

HYBTONITE® NANOCARBON

AIRCELL NANOCARBON AVIFLEX CONSTRUCTION



- 1 Lightweight top sheet
 - 2 Fiberglass/carbon laminate
 - 3 Aircell Aviflex core
 - 4 Reinforcement laminate
 - 5 Peltonen Nanobase graphite base
 - 6 Fiberglass/carbon fiber laminate
 - 7 Sidewall reinforcement
 - 8 ControlledEDGE sidewall
- HYBTONITE® nanocarbon epoxy



ULTRA STRONG, ULTRA LIGHT

PELTONEN is the industry first to utilize CNT nanocarbon technology in cross-country skis. With exclusive rights to **HYBTONITE®** nanocarbon epoxy, we are able to build skis that set new standards for ski strength and weight. For more info: www.amroyinc.com

Supra-X and Infra-X junior lengths 139 - 153 cm with AirChannel Core, see Astra construction

RACING CONCEPT



RACE SKI PROFILES

Our elite race skis are available in three specially targeted profiles for a full range of racing conditions. With these three profiles to choose from, we can guarantee you the best working ski for every snow condition, track condition, and temperature.

SOFT TRACK PROFILE

Long pressure areas against the snow, combined with a low camber.

UNIVERSAL TRACK PROFILE

High camber and shorter pressure areas when compared to the SOFT TRACK profile.

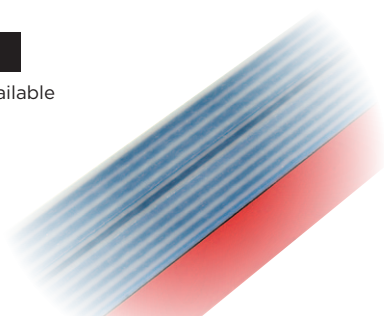
HARD TRACK PROFILE

Higher camber profile and shorter pressure areas to minimize friction.

Three profiles are available for **SUPRA-X and INFRA-X adult lengths only**, other models and lengths come in Universal Track Profile, which is suitable for most common conditions.

WSB-NANO BASE

Special base for wet conditions available for Supra-X and Infra-X



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SUPRA COSMIC

WORLD CUP RACING CONCEPT

New and more affordable Supra model for the demanding World-Loppet skier. Same Peltonen high-speed nanobase as in the Supra-X model for uncompromised glide properties.

Lightweight Aircell Aviflex construction
Low and narrow tip / tail profile
Peltonen Nanobase with CrystalGLIDE™ finish

Sidecut 44-44-44
Lengths 181, 188, 193
Profile Universal

INFRA COSMIC

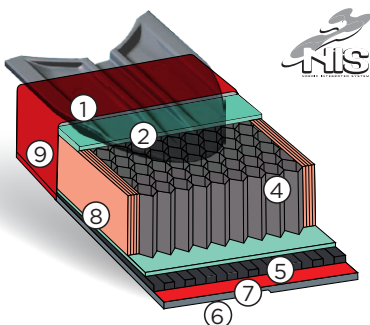
WORLD CUP RACING CONCEPT

New and more affordable Infra model for the demanding World-Loppet skier. Same Peltonen high-speed nanobase as in the Infra-X model for uncompromised glide properties.

Lightweight Aircell Aviflex construction
Javelin tip for better in-track turning
Peltonen Nanobase with CrystalGLIDE™ finish

Sidecut 44-44-44
Lengths 188, 195, 202, 207
Profile Universal

AIRCELL AVIFLEX HONEYCOMB CAP CONSTRUCTION



- 1 New cap material
- 2 Fiberglass laminate
- 4 Aircell Aviflex core
- 5 Reinforcement laminate
- 6 Peltonen Nanobase graphite base
- 7 Base laminate
- 8 Sidewall reinforcement
- 9 ControLEDGE sidewall

NIS PLATE LENGTHS:

FOR ALL SKI MODELS

139-167 cm: 3-click
174-207 cm: 7-click



ZENITH

RACING CONCEPT

A racing-class ski for the demanding skier - popular model among World-Loppet skiers and citizen racers. **Zenith is the lightest ski in its price category.**

Lightweight Aircell Aviflex construction
Low and narrow tip / tail in skating model, javelin tip in classic model
PRG-4000 graphite base

SKATING

Sidecut 44-44-44
Lengths 181-195 / 7 cm
Profile Universal

CLASSIC

Sidecut 44-44-44
Lengths 181-202 / 7 cm, 207 cm
Profile Universal

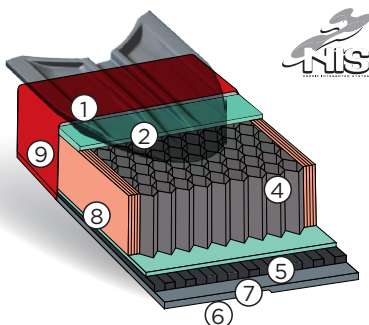
SKATING JR.

Sidecut 44-44-44
Lengths 139-174 / 7 cm
Profile Universal

CLASSIC JR.

Sidecut 44-44-44
Lengths 139-174 / 7 cm
Profile Universal

AIRCELL AVIFLEX HONEYCOMB CAP CONSTRUCTION



- 1 New cap material
- 2 Fiberglass laminate
- 4 Aircell Aviflex core
- 5 Reinforcement laminate
- 6 PRG 4000 graphite base
- 7 Base laminate
- 8 Sidewall reinforcement
- 9 ControLEDGE sidewall

*Zenith junior lengths
146 - 174 cm with
AirChannel Core,
see Astra construction*

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NANOGRIP® NEW ERA WAXFREE



NANOGRIP CL RACE

RACING CONCEPT

Next generation waxfree ski in the active / race category. AirCell Aviflex construction similar to Zenith. Very lightweight for its price. Nanogrip coating applied to 3/4 length of the ski base, starting from the tip.

Lengths 181, 188, 195, 202, 207
Other specs See Zenith

NANOGRIP ASTRA

SPORT CONCEPT

Already a huge success, the Nanogrip Astra has attracted a crowd of skiers with its affordable price and great performance.

Lengths 167-202 / 7, 207
Other specs See Astra

NANOGRIP ACCENT

SPORT CONCEPT

Similar to the Nanogrip Astra model, the new Nanogrip Accent has attractive, cutting-edge graphics to satisfy the growing amount of fashion-oriented women.

Lengths 181, 188, 195
Other specs See Astra

CLASSIC SKIS FOR ALL SKIING CONDITIONS



TAKING A **NANOGRIP®** SKI INTO USE

The ski should be selected a bit softer than you would normally use. Your dealer will be able to help you in selecting a right pair for you.

The grip is optimal right from the start.

For optimal glide, you need to ski for about 5 km. This is done only once, when you first take out your Nanogrip skis. After this you'll have optimal glide as well. (The final grinding of Nanogrip™ material is done by the snow).

The color of the Nanogrip material is grey but as you ski along, the base starts to turn black, first on the gliding zones of the base. However, this does not affect neither grip nor glide properties.



For base cleaning you may use normal wax remover, but we recommend using **Rex BioCleaner**, which is formulated especially for Nanogrip skis. Rex also offers fluoro-containing **Anti-Ice** for preventing ice and enhancing glide.

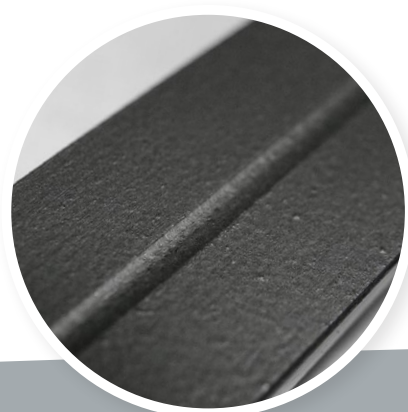
NANOGRIP® EXPLAINED

- Nanogrip is a synthetic liquid material that is applied onto the whole length of a ski base.
- Nanogrip is a glide wax and a grip wax at the same time and it is applied onto the ski already at Peltonen factory.
- Nanogrip is suitable for all recreational skiers. Compared to a waxed ski, only its gliding properties are slightly weaker (measured on glide tests -5...-10 % shorter gliding distances).
- With its range +10°C...-20°C, Nanogrip is truly an all-round grip system.
- It is guaranteed that Nanogrip will hold its properties for at least 2000 km without a need for re-application.
- To put it simply, the ski's grip and glide are provided and assured by Nanogrip material's ability to control the amount of water in between the ski and the snow.

NANOGRIP **TIGER** TOURING

A premium 44mm wide junior ski with attracting graphics, woodcap construction, sintered base and Nanogrip coating. Available also with Rottefella Dino bindings pre-installed.

Lengths 100-160 /10
Lengths w/ binding 100-160 /10



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ACADIA

SPORT CONCEPT

Excellent quality at an excellent price; **Acadia is the lightest ski in its price category.** The performance of Acadia even meets the requirements of a World-Lop-pet skier. Stiffnesses up to 120 kg make the Acadia a good choice for a diversity of skiers.

Lightweight Aircell Aviflex construction
PRG 3000 Racing base with Race Tuning

SKATING

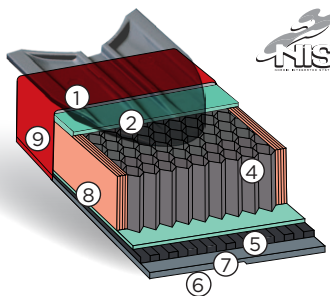
Sidecut	44-44-44
Lengths	167-195 /7 cm
Profile	Universal

CLASSIC

Sidecut	44-44-44
Lengths	181-202/7 cm, 207 cm
Profile	Universal

ZERO

Sidecut	44-44-44
Lengths	181-202/7 cm, 207 cm
Profile	Universal



AIRCELL AVIFLEX CAP CONSTRUCTION

- 1 New cap material
- 2 Fiberglass laminate
- 4 Aircell Aviflex core
- 5 Reinforcement laminate
- 6 PRG 3000 graphite base
- 7 Base laminate
- 8 Sidewall reinforcement
- 9 ControlEDGE sidewall

ZERO WAXFREE

New ZERO special waxfree base for wet snow conditions. Available in Infra-X and Acadia models.



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DELTA

TOURING CONCEPT

A sporty ski for the occasional skier. The Delta model features an AirChannel cap construction. Delta classic is also available with a GG-step pattern, which makes it an excellent choice for ski rental business.

Sidecut	45-45-45	Base	Extruded
Lengths jr.	120-170/10 cm	Grinding	Active
Lengths	180-210/5 cm	Use	Classic
Construction	AirChannel core	Profile	Universal

Mona-Liisa Malvalehto (FIN)



ASTRA

SPORT CONCEPT

Despite its affordable price, the Astra model provides features that are usually seen only in more expensive skis: Personalized flex fitting and a fast-gliding PRG 3000 base. A wide range of lengths makes Astra a good training and even a racing ski for juniors. Like its more sophisticated siblings, Astra is handmade in Finland.

SKATING

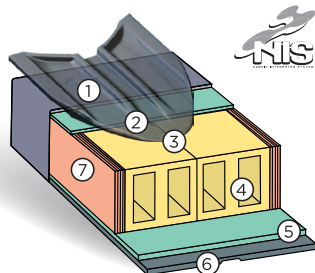
Sidecut 44-44-44
Lengths 181-195 /7 cm
Profile Universal

CLASSIC

Sidecut 44-44-44
Lengths 188, 195, 202, 207 cm
Profile Universal

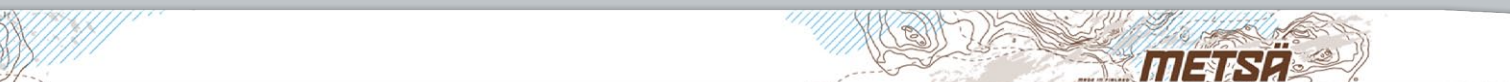
COMBI

Sidecut 44-44-44
Lengths 167-195 /7cm
Profile Universal



AIR CHANNEL CAP CONSTRUCTION

- 1 New cap material
- 2 Fiberglass laminate
- 4 Light wood air channel core
- 5 Fiberglass laminate
- 6 PRG 3000 graphite base
- 7 Sidewall reinforcement



METSÄ

TOURING CONCEPT

A special ski with step grip pattern for deep snow skiing. Very flexible tip for good floatation on powder snow. Updated version with cap construction. Handmade in Finland.

Sidecut 70-70-70
Lengths 210-270 /20 cm
Construction AirChannel core
Base Step grip pattern
Use Off-track

70-70-70
210-270 /20 cm
AirChannel core
Step grip pattern
Off-track

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