



SKINBASED.COM



**WORKBOOK
FALL 2017**



The OAC Story

Here at OAC Finland we have linked our knowledge in composites, our ski R&D experience, the know-how brought by our enthusiasm, and the latest technologies to create a completely new kind of ski line for unlimited access to the backcountry.

OAC a skinbased skis are designed for all levels of skiers to enjoy easy access to wintery nature everywhere, even in city parks. They are also designed for passionate backcountry skiers and professionals. These skis provide the real freedom of skiing on all types of terrain, wherever you are.

The ideology behind OAC's innovative collection is to make versatile and easy to use products that fit everybody. Our products combine various functions and nothing is compromised – OAC leads you towards something original and better. We are happy to see the world of Nordic skiing following in our footsteps, as each of the classic Nordic ski brands are now offering skin based skis in their product line.

For 2017 we are expanding our XCD offering with the new XCD GT. This is our response to the requests from our core touring-oriented users.

Our smallest ski the POH UC 100 – a skin based ski for children surprised us with its success. Created to offer kids an opportunity to share in the same experiences as their parents, we are delighted at how well this idea has been received.

Our distribution net is getting wider and our skis are sold nowadays from North-America and Europe to Japan. This gives us a great motivation to push forward and keep being in the frontline of the international skin based ski industry.

The birth of OAC XCD

OAC is located next to the rolling hills formed by an ancient glacier. The joy of our winter is exploring our backyard nature and having fun on it's slopes. Five years ago we started to create skis that would fit to our own needs in this cross-country downhill environment. When we linked our favorite skis from the past, with our background knowledge and modern materials the OAC XCD was born.

Still, we dreamed of an XCD ski for BC touring on bigger hills and in deeper snow. Requests were made for a skinbased ski with more floatation and better climbing capabilities, while still being very playful and agile. Now, it is time to welcome the new XCD GT UC 160 to our line.

XCD Background

It was the 1978 ski show in Las Vegas where I first met Mr. Steve Barnet. He gave me his new book- Crosscountry Downhill Skiing. Soon after reading this book, I tried out his theories and started to play with the idea of creating skis for this purpose. I designed the very first XCD ski, which became a success story. Its lifetime was record long, being over 20 years in the market.

For decades I have been enjoying the winter by climbing up and skiing down local forest slopes – my kind of crosscountry downhill. A few years back I started to work with ski designs again. The goal was to transfer my knowledge of composites and ski manufacturing to the younger generation. Based on this philosophy we established OAC. It was natural for us to start working on a new generation of XCD skis, based on fulfilling our own needs.

The XCD 160 was the foundation of the OAC skinbased line. The main feature in the OAC line is the permanent skinbase; a progression for which the time was finally right. I feel that the OAC skinbased line is the beginning of a new success story. For 2017 I am proud to add the new generation of XCD GT to this collection.

A-J Tiitola





XCD GT UC 160

XCD GT is the latest product in OAC's ski line. It is a playful touring ski with a great mix of floatation, glide, edge control and grip. Compared to the standard XCD, the GT version is wider and features a bigger skin area making your touring day easier. The GT offers excellent performance on rolling terrain and backcountry trails, making you smile on descent.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Steel edges
- Weight 1050g w/o binding
- Width 116-86-100mm
- Made in Finland by OAC Tech

PATENTED US 9,308,431



XCD 160

The very first ski of OAC's skinbased ski collection is derived from one of our own favorite backcountry touring ski. The way we see it, such a ski needs to be easy, light and agile when you face your backcountry challenges. We have designed the skin area as small as possible, while still giving the needed grip for diagonal skiing. This skin solution beats the original kick-wax skis in all conditions.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Sintred 2500 base
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Steel edges
- Weight 900g w/o binding
- Width 85-72-80mm
- Made in Finland by OAC Tech



*Our skis provide the real freedom
of skiing, on all types of terrain,
wherever you are*





KAR UC 147

The latest version of our best-selling ski now comes with our revolutionary, patented Unicoat technology. Unicoat is a tough and easy-to-care for ski base construction, which we have invented. The use of latest composite materials, manufacturing methods, and extensive field testing have resulted in this tough and easy to maintain base. This base absorbs liquid waxes, so you can forget about the hot iron and time consuming waxing procedure.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented Unicoat ski base
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Steel edges
- Weight 1200g w/o binding
- Width 125-110-122mm
- Made in Finland by OAC Tech

PATENTED US 9,308,431



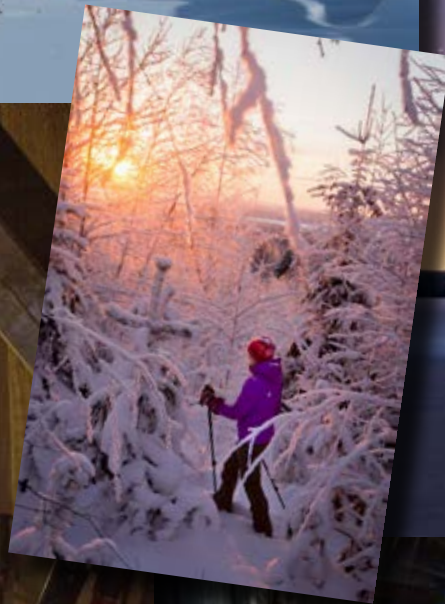
KAR 147

OAC KAR 147 is a skin based ski which combines a Nordic backcountry ski, a telemark/touring ski and a snowshoe. This relatively short and wide ski is elastic and lightweight, due to the unique Braid box construction. No matter what kind of snow you are skiing, the tip of the ski floats on top of the snow. At the very same time, KAR has good edge control, even in hard packed snow. The short and wide ski is super agile which allows you to have quick and easy turns even in the gnarliest bushes and forests.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Sintred 2500 base
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Steel edges
- Weight 1250g w/o binding
- Width 125-110-122mm
- Made in Finland by OAC Tech







WAP UC 127

OAC WAP UC 127 links short hunting skis and snowshoes in a brilliant new way. An extremely short, wide and slightly cambered ski with an integrated skin base is ideal for all sorts of backcountry activities. WAP is the widest ski in our range and has good floatation in deep snow. Due to their short length and low weight they are super easy to take with you and pack to your car's trunk or store close to your front door.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Weight 1000g w/o binding
- Width 135-120-132mm
- Made in Finland by OAC Tech

PATENTED US 9,308,431



EA UNIVERSAL BINDING

The EA binding works with a wide range of flexible sole boots in all weather conditions. We have chosen the best materials to work in even the harshest environments. A thick flexplate with hinge mechanism gives good ski feeling and offers excellent lateral stability. EA offers a wide size range for most adult boot sizes. The EA Binding is collapsible and simple to reassemble. The base unit features a spring mechanism, which doubles as an adjustment lever. Size adjustment can be carried out with gloved hands as well.

Adult size:
 NN 75 screw pattern
 Weight: 1050g / pair
 Boot sole length: 24cm - 38cm



POH UC 100

POH is a go everywhere ski for children. We have received many requests to scale OAC's skinbased skis to children's size. Now the smaller ones in the family are able to have the same fun experience as the adults, without losing any functions. We recommend the POH for users from five years of age and up. It is also a very easy ski to learn on, as the skin provides a good grip and the ski is very light and stable.

Technical specifications:

- OAC Braid box construction
- Compression resistant elastic foam core
- Patented OAC Unicoat skibase
- Integrated high quality Mohair-mix skin
- ALU/ GF reinforcement at binding area
- Weight 450g w/o binding
- Width 98-80-82mm
- Made in Finland by OAC Tech

PATENTED US 9,308,431

EA KID UNIVERSAL BINDING

Now, the same great universal binding is available also in kid's size. Children are now able to use their own winter boots or hiking shoes for skiing. EA Kid features smaller toe strap with catch buckle, shorter ankle strap with plastic ratchet buckle, softer spring and shorter flex plate.

Kid size:
 NN 75 screw pattern
 Weight: 1000g / pair
 Boot sole length: 22,5cm-30,5cm
 Patent pending



Skin

We use the best skin material available. It is a mix of Mohair (65%) and Nylon (35%). The ski and its skin are ready to be used straight from the package. After some time it is recommended to maintain the water repellency with right products. We recommend the skin proof by Nikwax for this purpose. It is also recommended to carry piece of glop stopper wax with on spring ski trips. Do not use skin care products that are solvent based. They may damage the skin or the glue.

OAC UNICOAT

Unicoat base is a tough and easy to care for ski base construction, which we have invented. The use of the latest composite materials, manufacturing methods and extensive field testing has resulted this tough and easy to maintain base. This base absorbs liquid waxes, so you can forget about the hot iron and time consuming waxing procedure. Do not grind the Unicoat base with ski grinding machines. Patented.

Binding mount guidelines
Measurements for front screw positioning
Taken from tail, in centimeters Taken from tail, in centimeters

	OAC EA	3PIN	Drill bit
WAP UC 127	70.0cm	72.0cm	4.1/13mm
KAR/KAR UC 147	80.0cm	82cm	4.1/13mm
XCD/XCD GT 160	85.0cm	87.0cm	4.1/13mm
POH UC	54.5cm		4.1/9mm

WARNING
OAC Skis are designed for backcountry skiing only. Before using this product, read and understand all instructions and familiarize yourself with its proper use, capabilities and limitations. Incautious or improper use can result in severe injury or death!
The manufacturer, distributor, wholesaler, and retailer are not liable for any personal injuries sustained by the use or misuse of this product.



Winter, but no snow?!
Did you know we make also lightweight touring skates?
Check out other OAC products at:
<http://www.oacsport.fi/kuvastot>

	Floatation	Glide	Traction	Trails	Downhill	Powder	Hardpacked	Using with Dogs
KAR UC	****	****	****	****	****	****	****	
KAR	****	****	****	****	****	****	****	
WAP UC	****	****	****	****	****	****	****	****
XCD GT UC	****	****	****	****	****	****	****	
XCD	**	****	****	****	****	****	****	
POH UC *	***	****	****	****	****	****	****	****

Other informational product videos are available at OAC Sport -youtube channel.
<https://www.youtube.com/channel/UCQLS2X8NSIf1w8EiEkbtLkQ>



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