

CUSTOM MADE FOOT ORTHOTICS



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CMF CONCEPT

Custom Made Foot Orthotics are made specifically to manage conditions that will cause pain or discomfort when walking, running, or during everyday activities.

Klaveness Footwear offers a great concept for custom foot orthotics. With a variety of options on how to get the best product for your patient, you can either ask Klaveness to both design and produce the orthotics, or take part in the process yourself.

You can define the shape for the foot orthotics by choosing a Klaveness last or by scanning an existing footbed. That way, you will receive a product where minor or no adjustments will be needed.

When you re-order, the process is also faster, since there already is a defining job from when you made your first order.

PROPERTIES

The base material for the foot orthotics is EVA of 35, 45 or 55 shore. If required by the customer, we can use poron in selected areas.

METATARSAL PAD / BAR

Both types can be added and customized in shape and height.

CUSHION

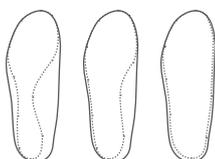
The orthotics can be delivered with heel cushioning, either internal or external.

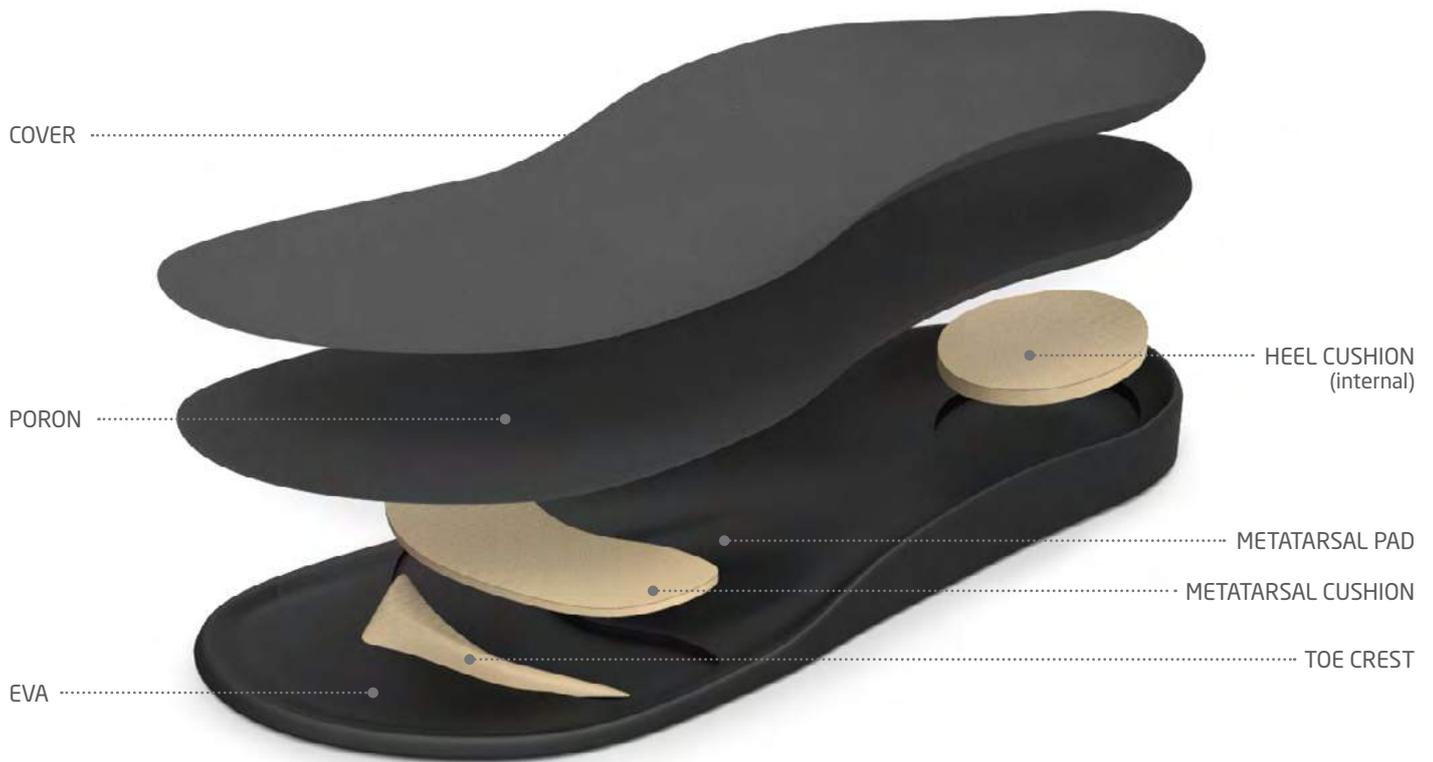
SINK

Customized pain relief areas according to the patient's specific foot needs. These may or may not be filled.

BOTTOM FINISHING

Our bottom finishing standards are applied so you can fit the sole in different types of shoes.





COVER



COVERLINING
This provides a soft surface for increased comfort.



PU
Similar properties to Poron, but with increased resistance to abrasion. Only in black.



LEATHER
Good absorption capabilities. Available in black or beige.



SYNTHETIC SKIN
For those who need to wash their orthotics or for anyone who finds it difficult putting on shoes. Only in black.



PORON
For cover or shock absorption. Available with 1.5 or 3mm thickness. In black or beige.

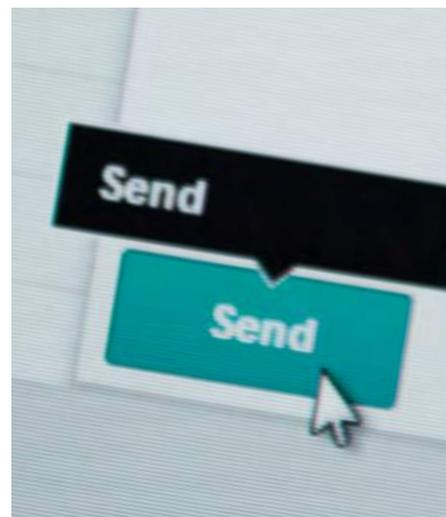


THIN EVA
Keeping the EVA base, this provides a smoother finishing to the footbed, similar to the traditional moulded footbed. Only in black.

THE PROCESS

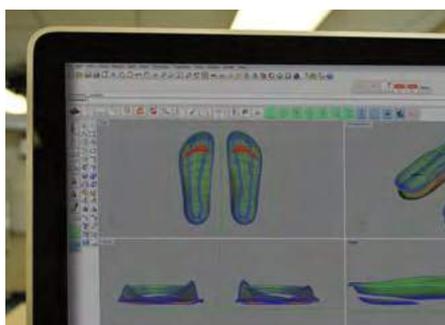
1: Scan

Start by scanning your patient's foot, and fill in all the details for the foot orthotics. During this process, you can also choose thickness, pads, wedges, materials, covers and bottom shapes.



2: Send

After you have filled in all the order details, send your order to our production facility in Portugal, so we can start production.



4: Production

After the design stage, either by the customer or by our design team, foot orthotics will be milled and finished according to the required specifications.



3: Design

Design your client's orthotics or let us do the design for you. Klaveness can use scan images from any 3D scanner with a standard file format. We recommend the K-Lab scanner, since the pillow will create pressure against the soft tissue of the foot, thus generating a precise image – highlighting the pressure points, ulcers or any other challenges.

5: Delivery

With a delivery time of 2 weeks for standard and 2 days for express, your footbeds will be delivered in your office through post.



NEW!

THIN FOOT ORTHOTICS

We are proud to present a new type of individual foot orthotics, thinner than traditional EVA foot orthotics. With the same functions and support to your patient's feet, these new orthotics will fit in footwear where the traditional EVA footbeds were too spacious. Two colours are available for covering, but coverlining is the only option in this new thin orthotics.



POSITIVES AVAILABLE FROM 3D FILES

If you need positives for making orthotics yourself, no problem – you can get them from us.
If you want to make Therox orthotics or shape thermoplastic pre-made orthotics, we can deliver a milled positive.



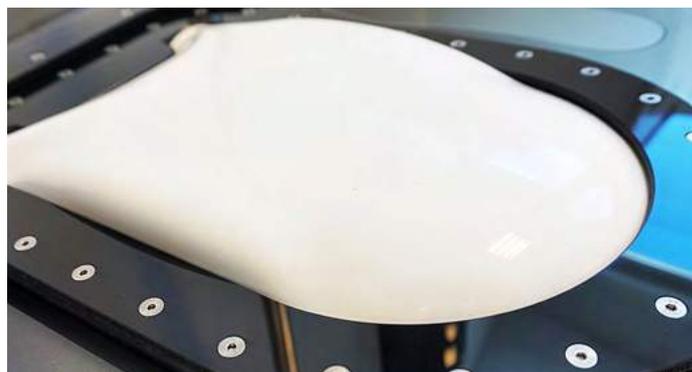
SUPPORTING TOOLS

KLAVENESS SCANNERS

Klaveness Lab's patented technology and scanning devices provide a series of functions for a better communication and an improved result in the final production of the foot orthotics.

The scanner uses a liquid-filled membrane to generate an accurate 3D image of the patient's foot. The membrane also ensures scanning quality, since it will create pressure in the soft tissue and the foot shape will be clear.

The 3D scanner is available in both stationary and portable versions.



STATIONARY SCANNER

The stationary scanner has a large platform which allows the patient to keep both feet at the same level when the scan is made. It also has a handle for the patient to support him/herself. This ensures that the pressure on the feet is balanced, and thus generates a more accurate image.



PORTABLE SCANNER

Our portable scanner combines flexibility with great scan quality. Despite the scanner's compact size, the scans have the same high quality as the stationary scanners. This popular solution is perfect when portability is a priority, or when storage space is an issue.

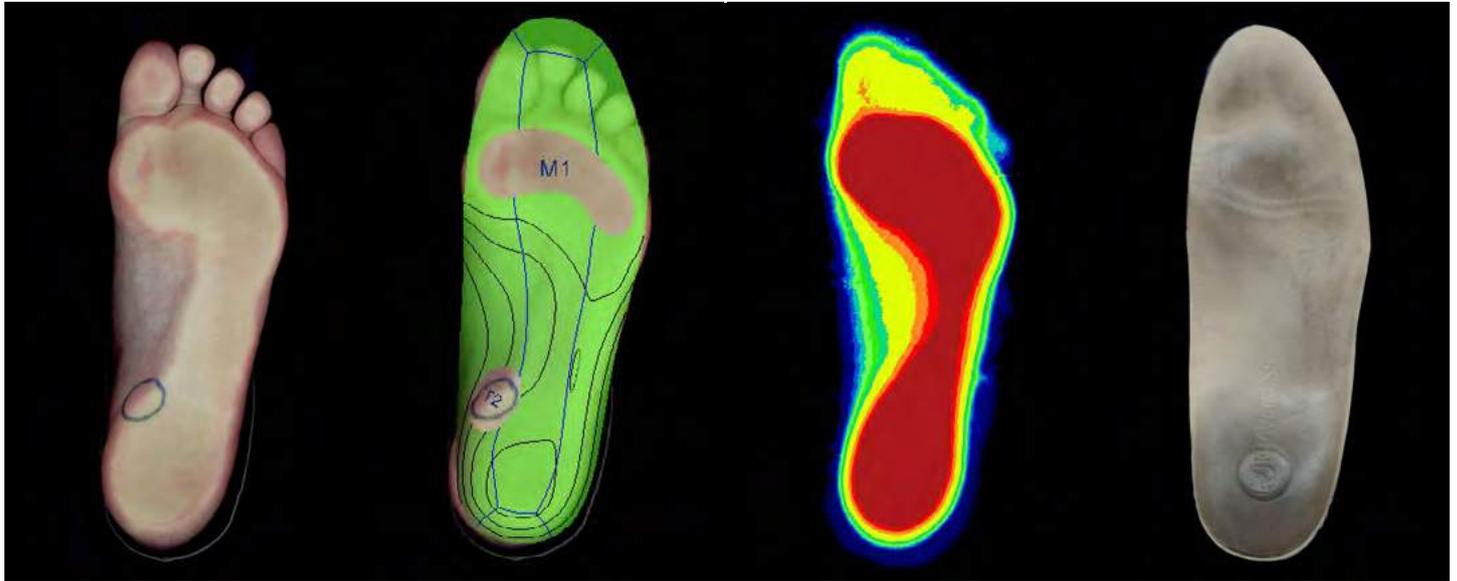


FOAMBOX SCANNERS

If you prefer working with foambox scanners, please contact us for advice. Klaveness system supports foambox scanners like 3D Systems iSense for iPad (Apple), Kinect (Microsoft), iCube Sense and Omega Tracer. We offer a simplified order program, free of charge.

COLOUR PHOTO AND TYPOGRAPHIC IMAGES

The photo is a very important tool in communication, not only between the technician and the patient, but also between the technician and the 3D designer. It will also be of great help during the design process. The photo shows the entire foot and the pressure points will be clearly visible. The topographic image is an amazing guide in the scanning process. Also, if you wish to scan an existing insole, it will give us an actual outline.



SOFTWARE FOR KLAVENESS SCANNERS

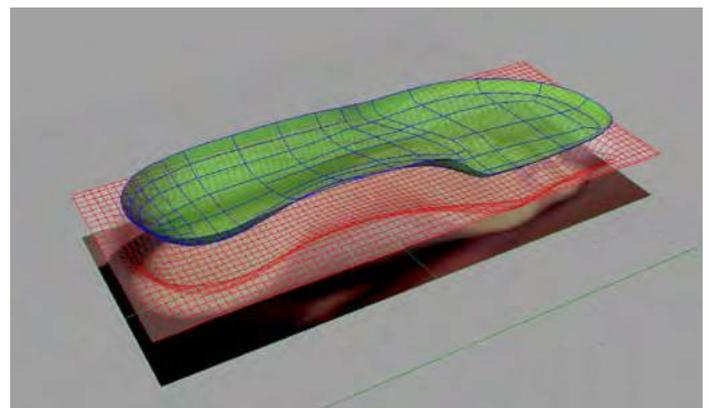
SCANNING AND ORDERING

The Klaveness Lab scanning software offers two options you can work with. You can either do the complete process with the Klaveness scanner or, in alternative, you can use any scanner that uses the industrial standards (such as Ply, Stl, Obj, etc). The scanner will just have to be aligned with the software. Our goal is to help customers obtain a professional product in an easy, efficient workflow - and not to sell software or hardware. That is why we only serve Klaveness customers.



3D MODELLING

The photo of the entire foot is of great importance. It will give us the exact measure of the foot and it is crucial for us to locate a sink or identify soft areas to fill with Poron. You can also scan a specific insole that the customer may want, making it possible for us to recreate the orthotics without adjustments to the outline.



THE KLAVENESS CONCEPT

Producing nice, comfortable shoes, based on good lasts, top quality material and high level craftsmanship. This is our purpose at Klaveness Footwear.

According to our philosophy, footwear should adapt to the foot, and not the opposite.

Therefore, our product development is thoroughly assisted by designers and orthopaedic specialists, whose collaboration creates products that fulfill both aesthetic and functional criteria. In addition, Klaveness also has the ambition to be a total supplier. Our aim is to create a wide diversity of products that will serve any of our costumers' needs.



We develop, produce and distribute the following range of products:

COMFORT

This is an meaningful collection for Klaveness, designed for your daily life. Aiming for perfect fit, comfort and taste, it uses high quality materials and top handcraft, providing your feet with excellent footwear.

BUNAD

Klaveness is proud to dedicate a line to the best of Norwegian tradition. Combine the beauty of the national costume with the comfort of your feet and celebrate tradition and folklore.

SLIPPERS

Slippers are considered worldwide to be the most comfortable footwear. In Klaveness, we take this seriously, using high quality, natural materials, such as wool felt, fur and leather, as well as a unique construction that will make you feel like you are walking on air.

MSS (Medical Stock Shoes)

Klaveness' Medical Stock Shoes are made specifically for those who can't find that special shoe in commercial stores. This line's shoes are based on special lasts and made from the finest materials, using the best product methods, so your feet can have their comfort.

REHABILITATION

Specifically for prevention, rehabilitation and treatment, this range includes many styles and different features, so you can find the pair of shoes that matches your needs.

FIA (Footwear with Individual Adjustments)

FIA range is a careful selection of styles that can be easily adapted to the patient's needs. It offers several modification possibilities, including style, colour, and sole, according to any lifestyle.

OAS (Orthopaedic on Adjusted Standard Last)

A solution between FIA and OIL, OAS provides a range of customizable footwear with more adaptation possibilities than FIA.

OIL (Orthopaedic on Individual Last)

OIL shoes can be fully customized according to clinics and patients' needs. This orthopaedic line can be based on Klaveness shoes or other styles.

CMF (Custom Made Foot Orthotics)

CMF orthotics are customizable according to anyone's needs, and are developed to help people manage conditions that can cause pain or discomfort during walking, running and everyday activities.



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Klaveness Footwear companies
have been certified eco-friendly

Norway



Sweden



Portugal



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