

CUSTOM MADE FOOT ORTHOTICS



KLAVENESS



CMF CONCEPT

Klaveness offers a great concept for custom foot orthotics, with a variety of options that will help you getting the best product for your patient. You can either ask Klaveness to both design and produce the orthotics or take part in the design process and send it for us to produce, either way, with the tools that we have at your disposal, you will receive a product where minor or no adjustments will be needed in order to get a perfect fit, being it to the foot or to your patient shoes.

METATARSAL PAD / BAR

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

INTERNAL CUSHIONING

The orthotics can be delivered with heel cushioning.

SINK

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

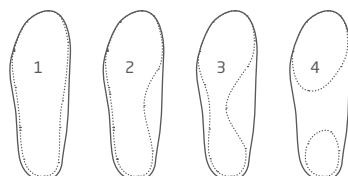
EXTERNAL CUSHIONING

The orthotics can be delivered with heel cushioning.

BOTTOM FINISHING

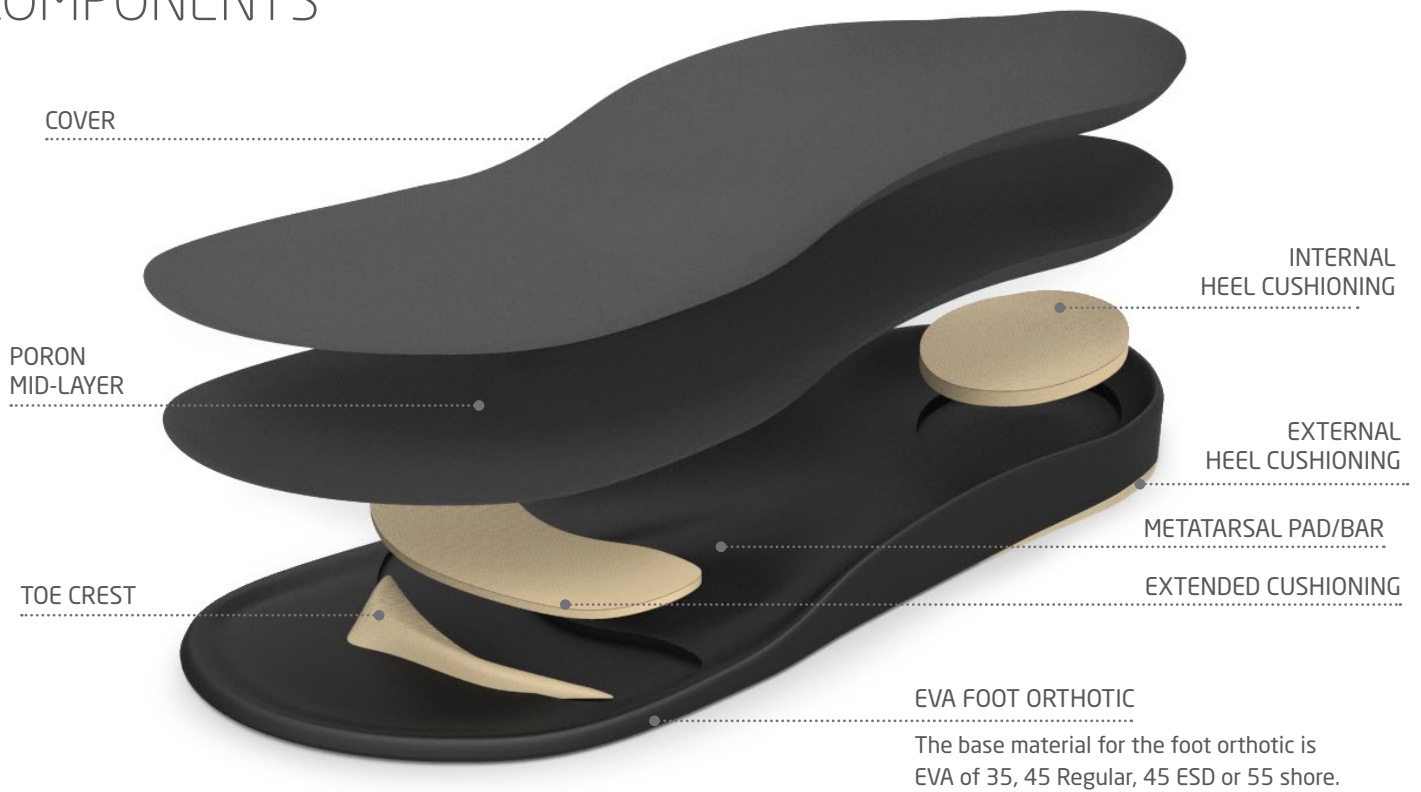
Our bottom finishing standards are applied so you can fit the foot orthotic in different types of shoes.

1 - Sandal; 2 - Comfort; 3 - Sport; 4 - Football



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

COMPONENTS



COVER MATERIAL OPTIONS

LEATHER 3A 0021

Good absorption properties.
Available in black and beige.



COVERLINING 3A 0022

Soft surface for increased comfort.
Available in black and beige.



PORON 3A 0023

Shock absorption and fungal resistance.
Available in black and beige.



SYNTHETIC LEATHER 3A 0028

Washable and easy to slip on.



THIN EVA 3A 0029

Smooth finishing, similar to the traditional vacuum formed foot orthotics.



THIN PU 3A 0030

Shock absorption, abrasion resistance.



MILLED EVA FOOT ORTHOTIC

3D 0020

The milled EVA foot orthotic is highly customisable regarding material choices, design features and finishing options.

Can be customised with:

Arch support, metatarsal pad/bar, medial/lateral heel wedge, heel cushioning, extended cushioning, pressure reliefs (sinks).

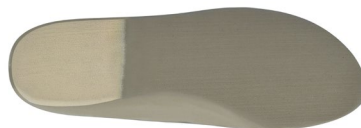


BOTTOM FINISHING
3A 0024



Sport finishing standard

EXTERNAL HEEL CUSHIONING
3A 0026



INTERNAL HEEL CUSHIONING
3A 0027



Lateral extended

EXTENDED CUSHIONING
3A 0031



Heel to MTP

FILLED SINK
3A 0032



MTP4

VACUUM FORMED EVA FOOT ORTHOTIC

3D 0050

Good surface finish, if posterior modifications are required at the clinic this is one of the best options.
Can be customised with:
Arch support, metatarsal pad/bar, heel cushioning, pressure reliefs (sinks).



HEEL PAD
3A 0051



ARCH REINFORCEMENT
3A 0052



MILLED PU POSITIVE

3D 0041

Milled in high density PU, ideal solution for vacuum forming foot orthotics.



VACUUM FORMED COMPOSITE FOOT ORTHOTIC

3D 0040

Vacuum formed extra thin orthotic, ideal for elegant, high-street shoes that don't offer extra volume for a regular foot orthotic.

Can be customised with:

Arch support, metatarsal pad.



VACUUM FORMED FELT FOOT ORTHOTIC

3D 0042

Breathable, insulating and warm.

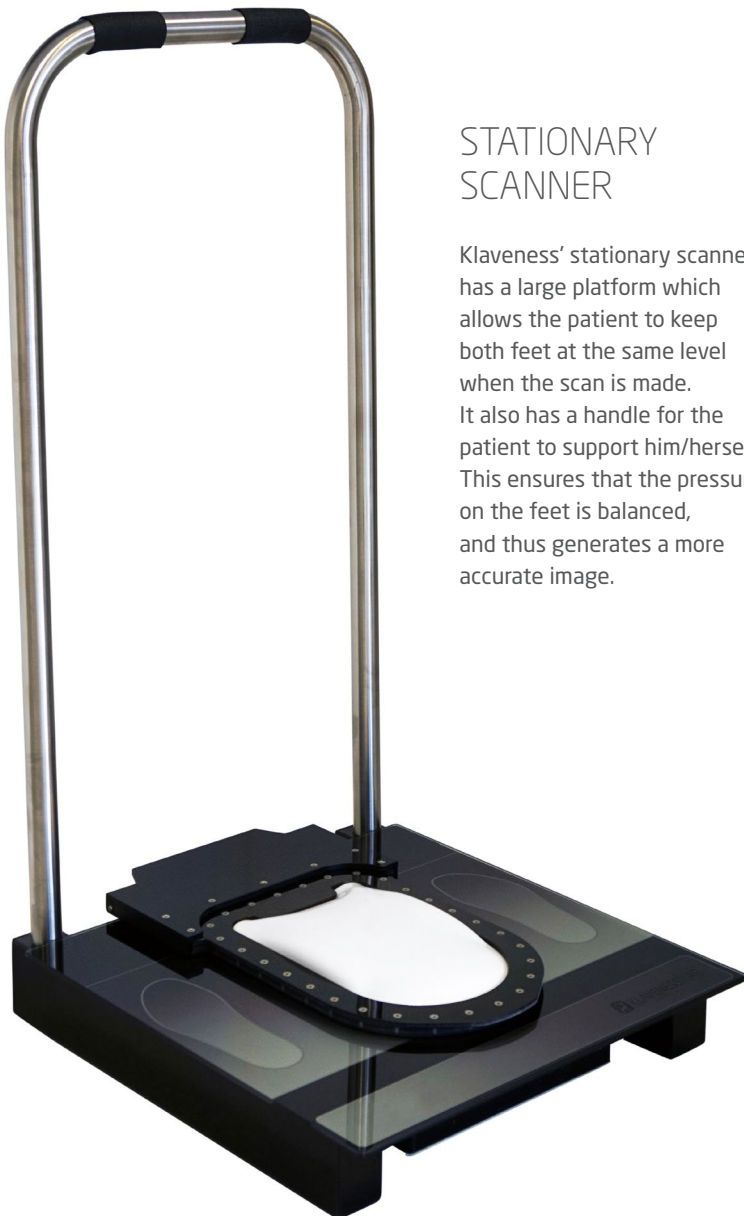
Can be customised with:

Arch support, metatarsal pad.



KLAVENESS SCANNERS

Klaveness' 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.

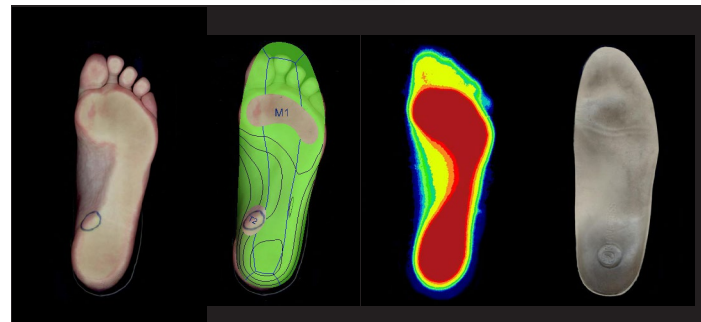
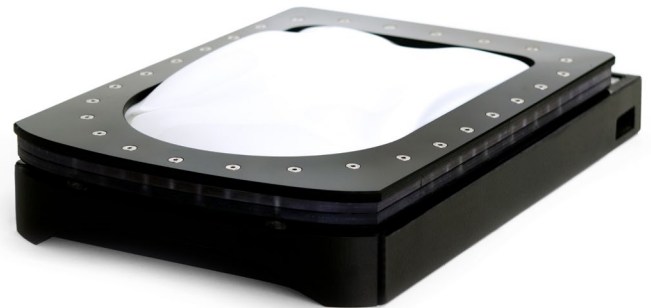


STATIONARY SCANNER

Klaveness' 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

Klaveness' 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.



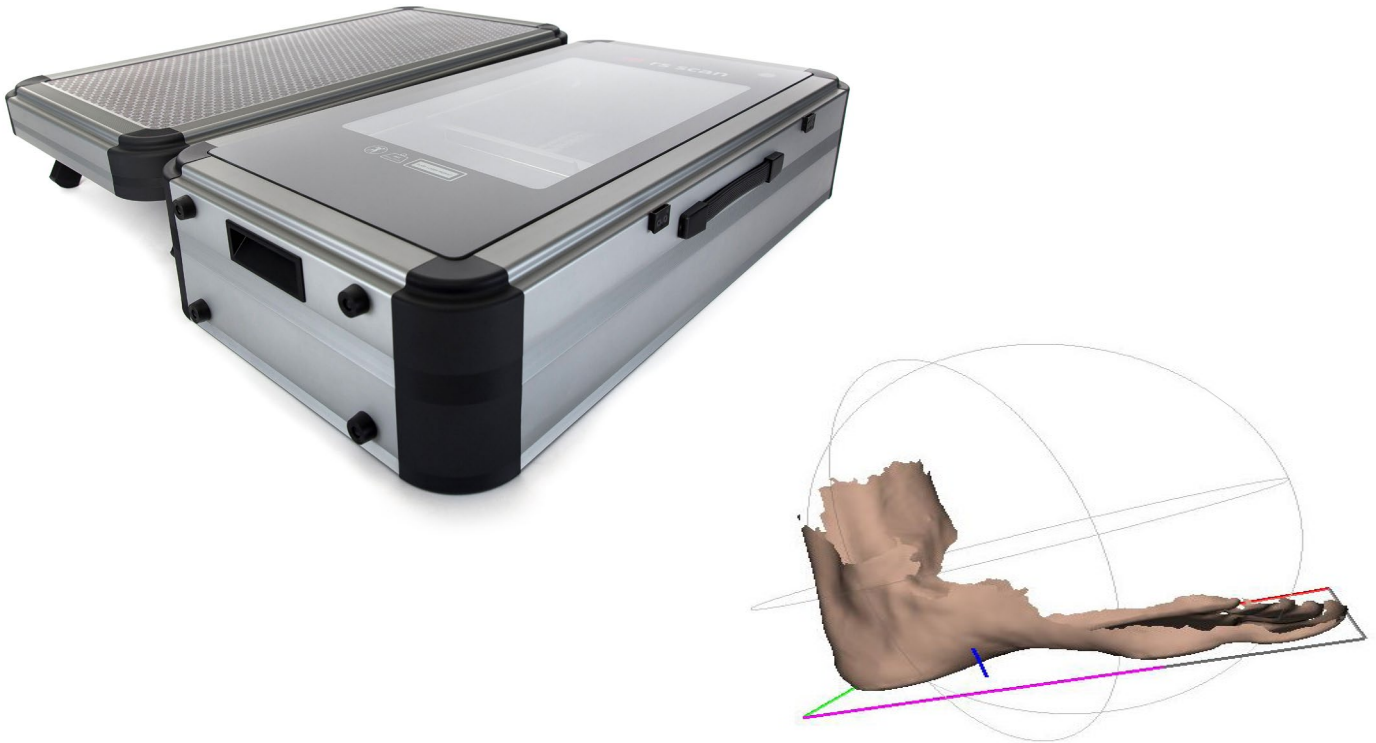
The photo is a very important tool in communication, not only between the technician and the patient, but also between the technician and the 3D designer. It will be a great tool during the design process since provides info regarding the entire foot, pressure points, eventual soft areas you may wish to add and even the desired outline.

The topographic image is an amazing guide in the scanning process, it will provide more detailed info regarding pressure in certain areas.

3RD PARTY RECOMMENDED SCANNERS

RS SCAN E-500

Whether you need to scan a foot, a cast or a foam box, iQube is able to produce high quality 3D images in seconds.
Robust case - easy to transport.



HANDHELD SCANNERS

If you prefer working with handheld scanners, please contact us for advice.
Klaveness system supports scanners like OMEGA® Scanner 3D, 3D Systems Sense Scanner, 3D Systems Sense for iPad and Microsoft Kinect.

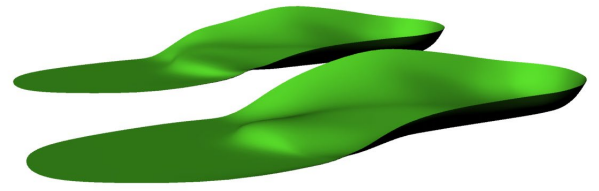


DESIGN ONLINE CONFIGURATIONS

After uploading the foot scan to the Klaveness web ordering system, you can configure your foot orthotic.

From an extended range of options we highlight the following:

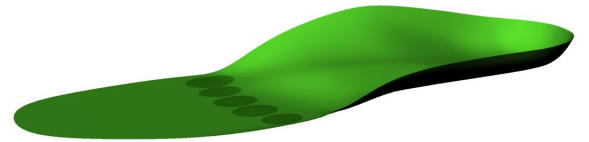
- Customisable outlines: based on Klaveness lasts, best fit foot or provided scan of plantar shape;
- Different bar/pad shapes [01];
- Toe crest;
- Forefoot and heel wedges;
- Thin out front (for more space in toe area);
- Three different ways of adjusting the arch support [02];
- Sinks according to pressure point on photo/foambox, mark on photo or defined by selection of MTP 1,2,3,4,5. [03]
Sinks may be Poron filled or not;
- Several standard soft areas [04];
- Heel cushioning can be invisible inside the heel or outside [05];
- Heel cup height [06].



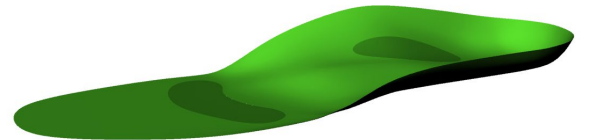
[01]



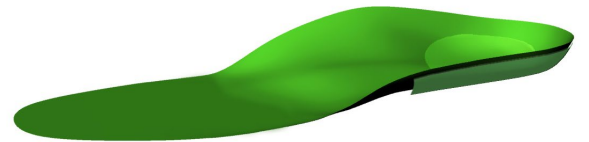
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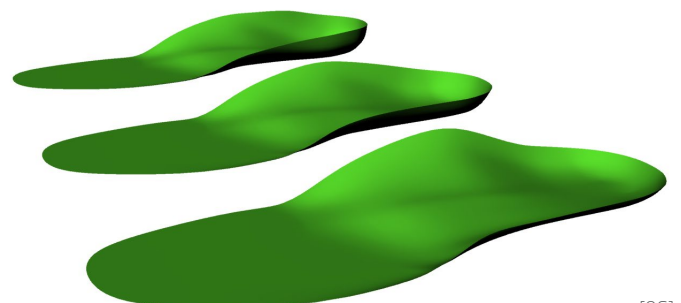
[03]



[04]



[05]



[06]



Klaveness Footwear companies
have been certified eco-friendly

Sweden



Portugal



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