



BATZ[®]

CUSTOMIZED INSOLES



DESIGNED

PERSONALIZED

**for
You**

OPTIMIZED

ANALYSED





Batz Hungary Kft., a Hungarian owned company, was established in 2008.

The brand name of the comfort footwear was Dr. Batz until 2012, then it was shortened to the very popular brand name known by all Hungarians. Batz Hungary is one of the **leading manufacturers of comfort footwear** in Europe and Central Europe. Our footwear specialists have been working in the last 30 years in the production of footwear.

Thanks to our unique processes, we selected quality leathers under strictly controlled conditions. We prepare timeless products, which makes our customers brand loyal. Fits in this line our unique product: **Batz custom insoles**, which are made on the basis of a special, individual measurement.

After winning countless **innovations, professional and public awards**, in 2014 we have achieved our biggest development to date. We set out to create a comprehensive system that easily accessible to everyone with the opportunity to wear unique, **personalised insoles**.

Based on the experience of the past years, we have further developed our programme, which suitable for an easy-to-use tool that covers all the information during the measurement of the foot by our partners. We believe that the right shoes and the Batz custom insoles can make our daily lives much easier by providing us with the right correct posture, preventing us from bumps and knocks when walking and thereby protecting our musculoskeletal health in the long term.

There are currently nearly **100,000 satisfied customers** we have in several countries around the world.

Why do we need **custom insoles**?

An insole designed for your feet is a very important step towards good health, as a well-chosen shoe and the Batz custom insole can make everyday life much easier.

After just a few days of use, it can reduce the pain and tiredness in the feet, improve the circulation and comfort, while at the same time improving the arches of the foot in an ideal way.

Hard paved ground does not spare the joints, our hips and spine. With the use of Batz customized insoles we can appease the impact, the unpleasant effects of bumps and joints and prevent the problems that it can be cause.



Did you know?

In our lifetime we take 120.000 kilometres on foot, which is more than **more than three times around the Earth!**

Your feet are unique, just like You!

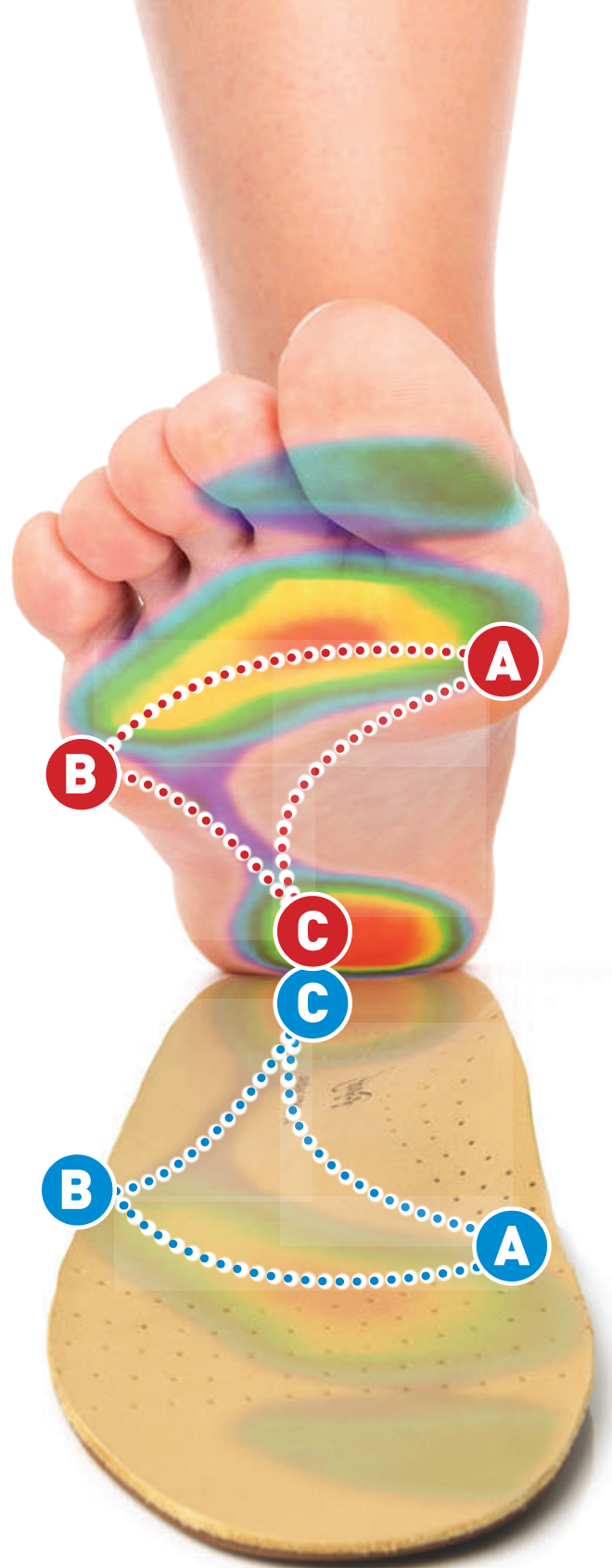
Did you know?

Your footprint is
as unique as your
fingerprint.



The human foot is an amazing and complex creation. The foot is made up of 26 tiny bones. All held together by tendons, ligaments and muscles. Your foot bears the weight of your whole body and performs complex movements during walking and other movements, so it plays an important role in shaping our statics.

Because the foot bones are not positioned in the same plane has own characteristic arches. We distinguish between transverse and longitudinal arches, which helps the proper support of our body. This is clearly visible in the pressure image of the sole, that even our two feet are not exactly the same, also the lengths of the arches are different, and the colours are also indicated by the strength of the load points.



- A - B** Anterior transverse arch
- A - C** Medial longitudinal arch
- B - C** Lateral longitudinal arch

Batz Foambox Totem Workstation



Requirements

- 220V AC electricity

Dimensions

- 55 cm x 55 cm x 228 cm

Applicable to

- small interior shops
- in smaller municipalities
- Internet and computer free

Features

- custom-designed shape
- cabinet for storing foamboxes

Education

- A personal tutorial with each Totem installation by a Batz representative, where we will train the sales staff for the foot measurement with foambox, the types of products that can be recommended, how to fill the foambox data sheet and how to sell overall.



Our company has developed an innovative technology that combines manual sizing and computer-generated insole production. To prepare the customized insole the first and most important step is accurate sizing. For this measurement we can use foambox as well. The customer just has to step in with the right and then the left foot, following the instructions of the seller. Then, in the shop, a data sheet is filled in and the information, complaints and personal data necessary to place an order.

Once we have received your order, we will digitalized your footprint using a 3D scanner (the foam is laser scanned), then the insole is designed and manufactured using the same technology as the computer system.

Batz Kiosk I. Workstation



Requirements

- 220V AC electricity
- Wireless Internet connection

Dimensions

- 120 cm x 90 cm x 200 cm

Features

- unique design shape
- 8 glass shelves for shoe models
- built-in Dell Optiplex 3030 AIO Touch computer
- Batz Kiosk 4 software, multiple languages
- Freedmed Base 40x40 pressure sensor
- HD camera
- 3 line laser

Applicable

- health centres
- medical shops
- sports and shoe shops
- chiropractic and body treatment centres

Education

- All Kiosk devices are accompanied by a free personal training session with a Batz representative, where we train salespeople on how to read the print images, the types of products that can be offered, how to use the Kiosk program and how to sell.

Batz Mobil Kiosk Workstation

Requirements

- 220V AC electricity
- Wireless Internet connection

Dimensions

- 77 cm x 49 cm x 56 cm

Features

- unique design shape
- can be connected to any computer
- Batz Kiosk 4 software
- Freedmed Base 40x40 pressure sensor
- HD camera
- 2 line laser

Applicable

- on screening days
- sport events
- in small shops

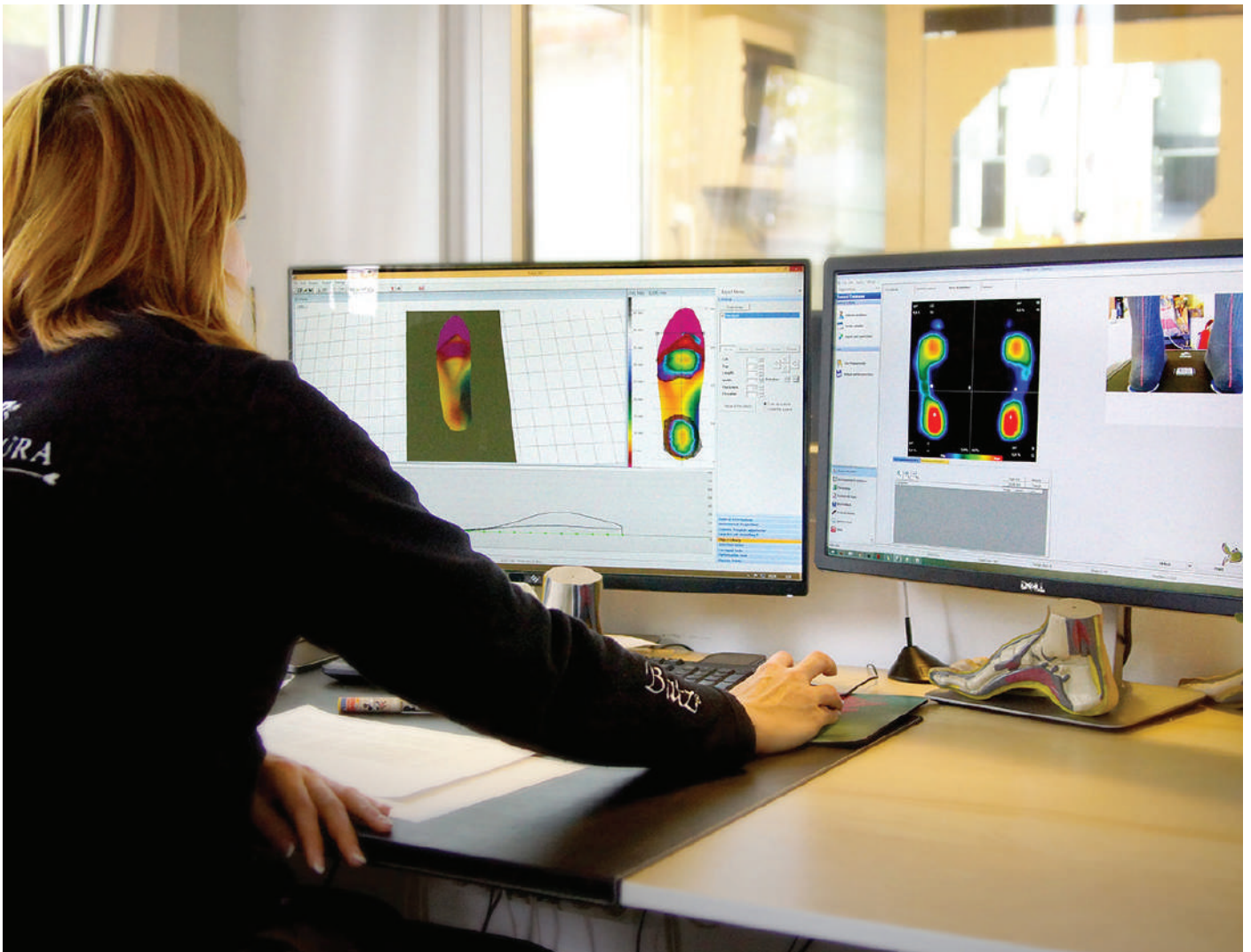
Education

- All Kiosk devices are accompanied by a free personal training session with a Batz representative, where we train salespeople on how to assemble and disassemble the device, how to read the print images, the types of products that can be offered, how to use the Kiosk program and how to sell.



How does the custom insole is made?

At the foot measuring point, our colleague will carry out a pressure test of the sole and record the personal data required for production. These are immediately transmitted by the Kiosk workstation to the Batz design centre. There, an expert colleague designs the insole, adapted to the pressure image, according to the anatomical characteristics of the foot, using state-of-the-art 3D software. The design is aided by a design program developed at the Sapienza Universita Roma, based on the pressure analysis of tens of thousands of feet. The program uniquely allows the free choice of shape and height for the application of corrections, instead of the old modular elevations, in order to place the most appropriate supports on the insole. Once the design is complete, the custom insoles are milled from EVA board using a computer-controlled precision CNC milling machine. Then, one by one, the insole is hand-sanded and built up precisely to fit in the shoe perfectly. And at the end of the process, the cover material chosen when the order was placed is applied to the finished insole. Each insole is individually designed.



What the user will get?

After the order, we will email the customer the completed print and a photo of the ankle position. The entire production process is digitally recorded and accessible. Once logged in, the customer can view a 3D design of the finished insole via our website and will also find a short video of the milling and sanding process of their own insole. At the end, we will also record the personalised engraving and send you an email informing that your insole will be ready for delivery soon.



Batz custom insoles are made of EVA material with different density. The appropriate material is selected by design with regard to age, weight, height, problems and the way of use. EVA material is a lightweight, vibration absorbing, antibacterial foam that provides good cushioning and durability and retains its flexibility and shape over time. The eco-friendly foam easily absorbs moisture generated by foot perspiration. The outsole can be covered with an individually selected leather, synthetic leather, sports or vibram-quality covering material, which is fixed to the milled sole base material with a solvent-free, water-based adhesive.

What it is made of?

antibacterial EVA material





STANDARD CUSTOM INSOLES

- Available in several colours
- Provides appropriate supports
- Hardness of the material is adapted to the customer's parameters
- No covering material, no glued surfaces
- Easy to clean, machine washable at 30 degrees
- Retains its elasticity over time

PREMIUM CUSTOM INSOLES

- The hardness of the base material is adapted to the customer's parameters
- Provides adequate support
- With a choice of cover materials (box leather, suede, arnedry, antibacterial, vibram)
- Available with various optional extras (cushions, decisions, heels, toe support)
- Cleaning with a damp sponge or antibacterial wipe
- Retains its elasticity for a long time

DURASOFT CUSTOM INSOLES

- Recommended for heavier weights and heavier gait
- Provides necessary supports
- $\frac{3}{4}$ hard, reinforced layer (from the front of the longitudinal arch to the heel)
- Heel stiffening padded with memory foam
- $\frac{3}{4}$ padding on the rigid layer for comfort
- 2mm vibration absorbing cover fabric with vibration absorbing properties
- Maximum durability and comfort
- Cleanable with a damp sponge and antibacterial wipe

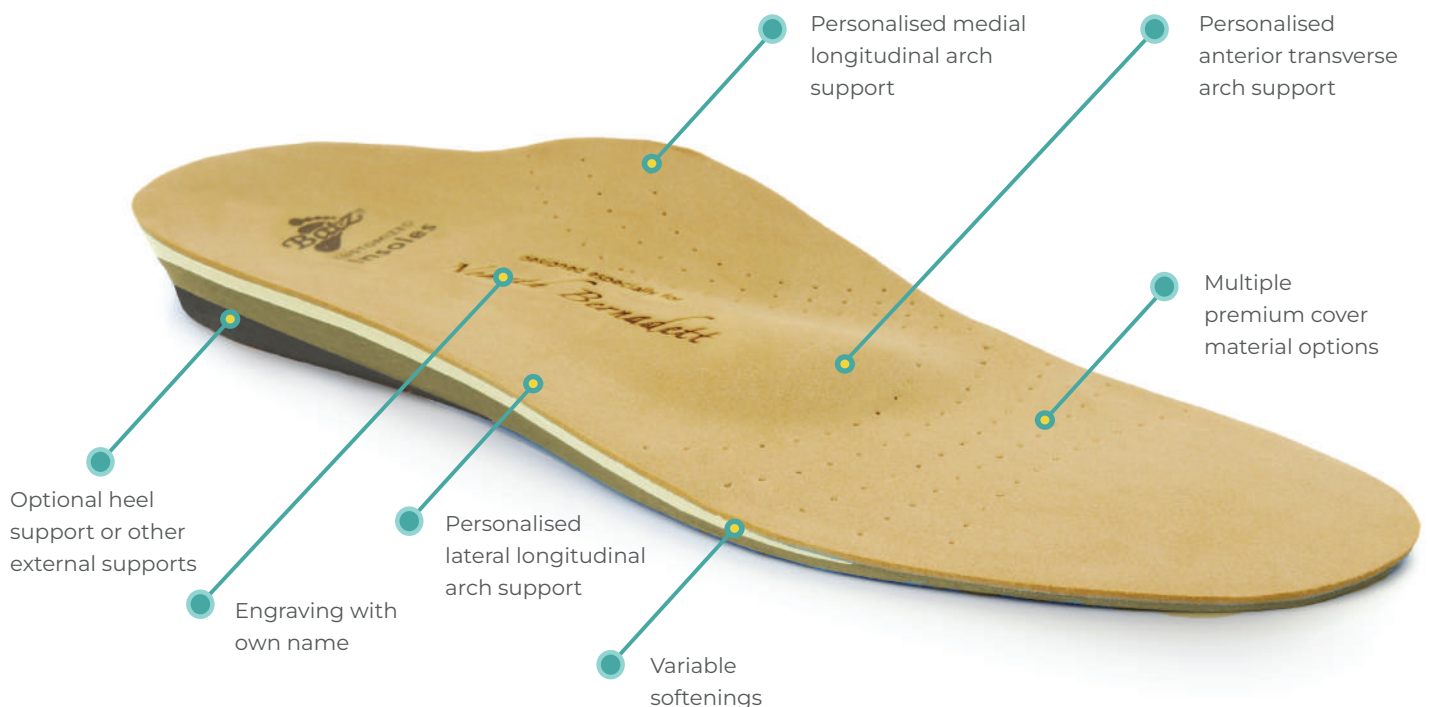
Batz Sport Insoles

INSOLES DESIGNED FOR DYNAMIC SPORTS

- Provides the necessary support during dynamic sports
- Keeps the foot in an ideal arch
- Special shock-absorbing foam to withstand strong impacts
- Highly shock absorbing EVA material
- Highly absorbent, antibacterial cover material
- Helps prevent sports injuries
- Recommended sports: running, football, handball, basketball

INSOLES DESIGNED FOR STATIC SPORTS

- Provides the necessary support during static sports
- Special elastic padding for vibration damping
- Made of strong EVA material
- Soft, flexible curing for proper support
- Highly absorbent, antibacterial cover material
- Helps prevent sports injuries
- Recommended sports: gym training, cycling, skiing, snowboarding



Our customisable, changeable insole models

We know that many people spend most of their time in slippers, whether at home or at work. We think it's important to provide the right support for your feet and posture, as well as comfort. Our ever-expanding range of men's and women's shoes includes classic models as well as youthful and modern lines.



YOU ARE
unique!



Women's size range: 36-41 // Men's size range: 41-46 - with interchangeable inserts

The full range of models can be found in our annual collection catalogue.

FC10



white



blue



red

EVELIN

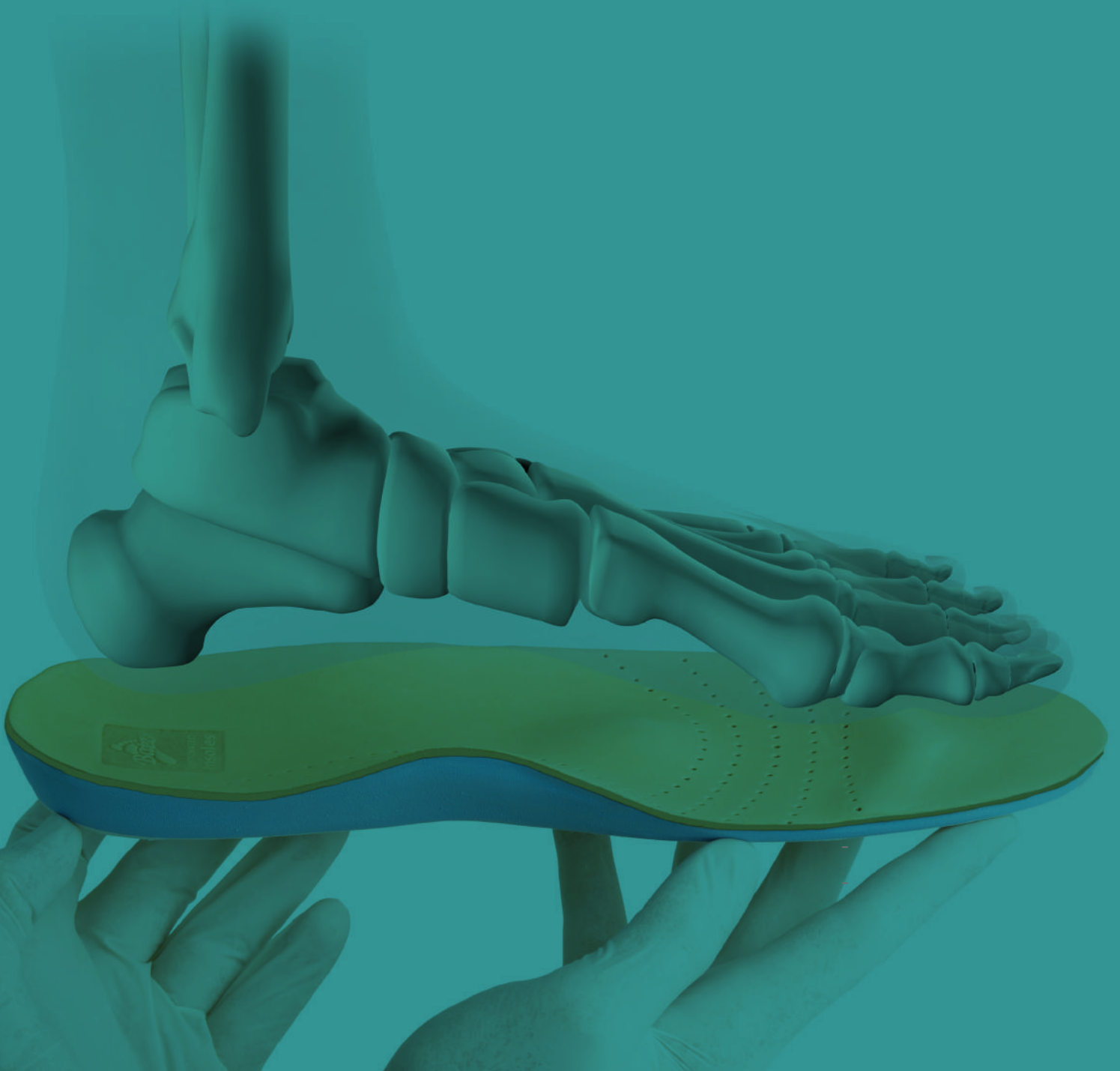


blue



white

DESIGNED
PERSONALIZED
**for
You**
OPTIMIZED
ANALYSED





CUSTOMIZED INSOLES

Batz Hungary Kft. • 2013 Pomáz, Tölgyes Kálmán u. 9. Hungary

customised.insoles@batz.hu