

- **3D construction**
- **Central milling**
- **Treatment**

**CAD system for individual construction
of milled foot orthotics an NovaPED
exclusive thong sandals**

SCHEINWORKS construction

SCHEINWORKS construction is a Web-based construction software package which allows you to construct a new pair of foot orthotics at any time or draw on pre-existing designs. A variety of outlines, arch supports, meta pads, toe grippers and special elements are available which can be adjusted to individual feet as required. Further customisation options are provided by the wide range of materials we offer. Create your own combinations of materials based on your foot orthotics design ideas, involving up to three layers. You can register for free by logging onto our website www.construction.scheinworks.de and will be able to get started as soon as your account is activated.

Computer-aided foot orthotics construction in conjunction with our milling service opens up a whole raft of advantages for you.

Cost savings:

- No investment costs (no need to purchase updates)
- No license fees
- Web-based
- Manufacturer-independent scanning systems (scanning and pressure measurement)
- No need to store your own materials

Time savings:

- User-friendly processes
- Simple design system
- Reproducible at any time

Our services:

- Comprehensive training
- Service hotline
- Rapid production times



Four-stage production process

Measure feet, simple and individual construction process, production of shoes, successful foot orthotics supply.

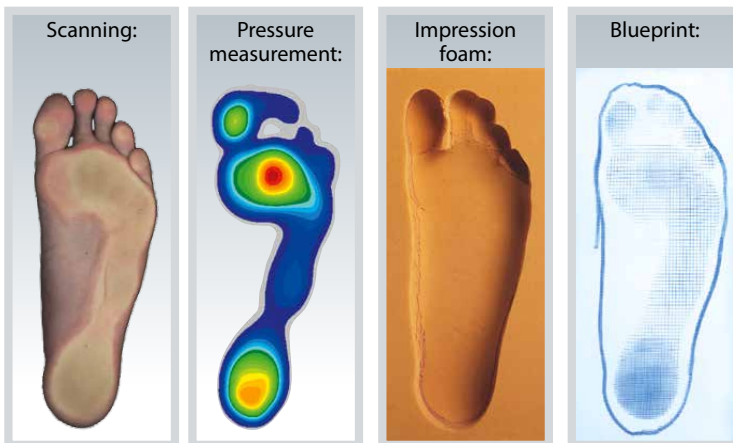


Orthopaedic insole production steps

1. Step: Measure foot



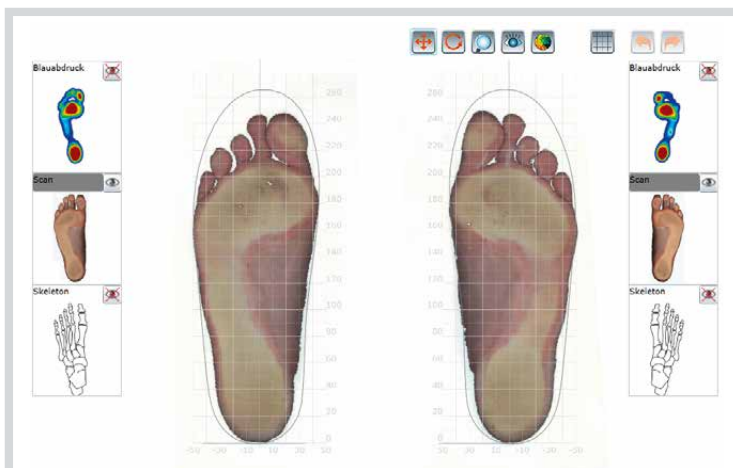
Design work using SCHEINWORKS construction can be based on a JPG plus a foot scan and/or a pressure measurement. As far as the software is concerned, it doesn't matter which scanning or measurement system is used to make the recordings. We recommend basing your design on a foot scan.



However, foam impressions or blueprints scanned in as 2D images can also be used with SCHEINWORKS construction.

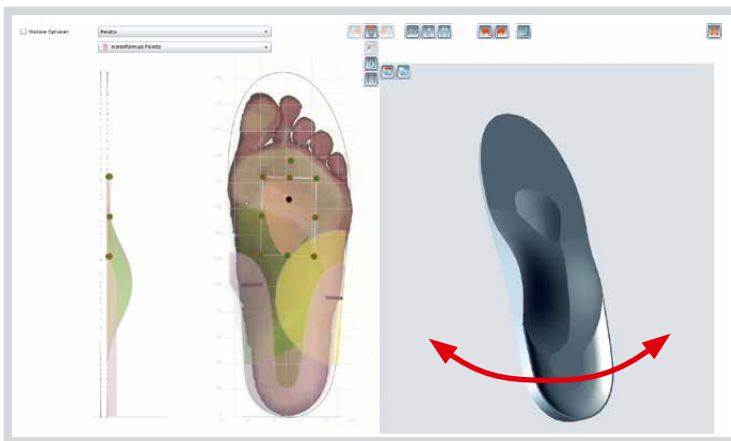
You simply import the customer data from your measurement system into our SCHEINWORKS construction software.

2.1. Step: Construct the foot orthotics



The imported customer data provide the basis for the design. First, the outline of the desired construct must be adapted to the length and width of the customer's foot.

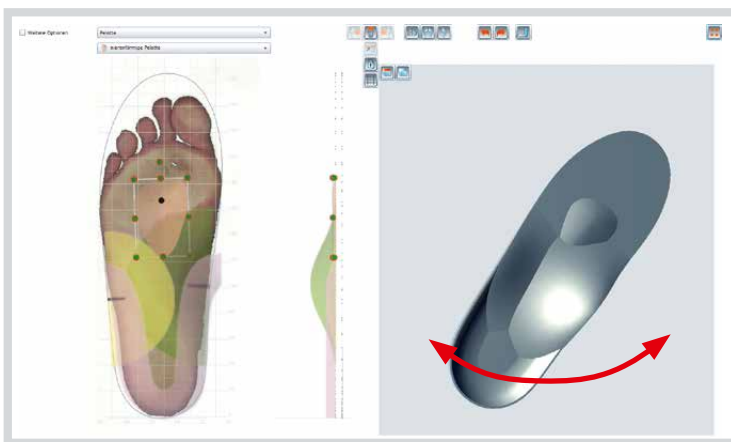
The position of the imprint can be altered via rotation and sliding.



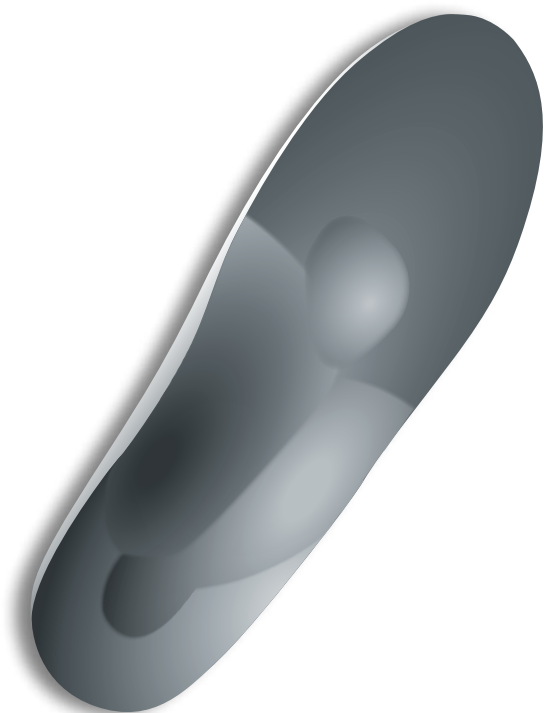
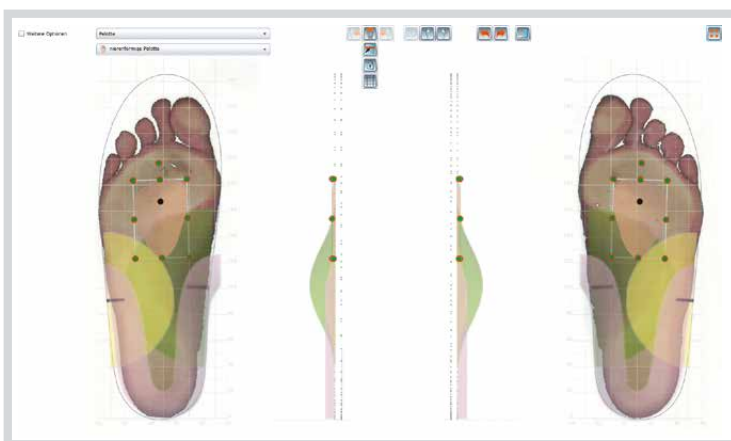
A range of versions of the various different elements are available for construction purposes:

- Longitudinal arch supports (internal and external)
- Meta pads
- Toe elements
- Various special elements (e.g. cut-outs)

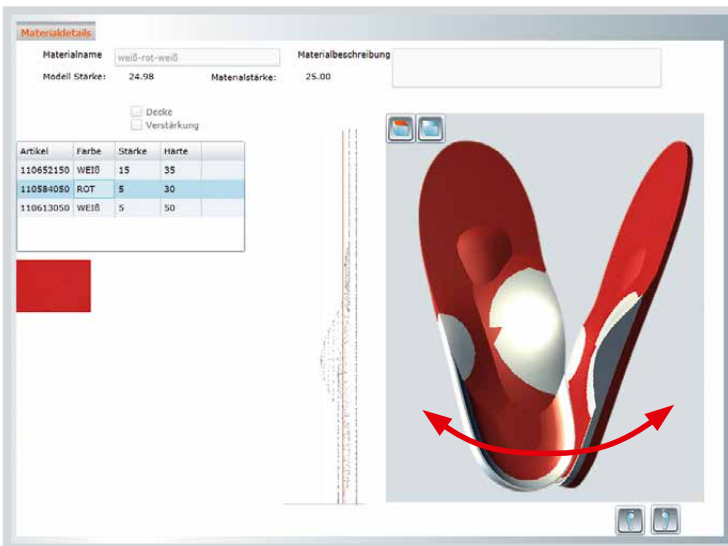
The design may be either identical or different on both sides. A variety of views and imaging modes are available to facilitate the construction process:



- 2D plan view
- 2D side view (interior)
- Variable 3D view



2.2. Step: Prepare materials

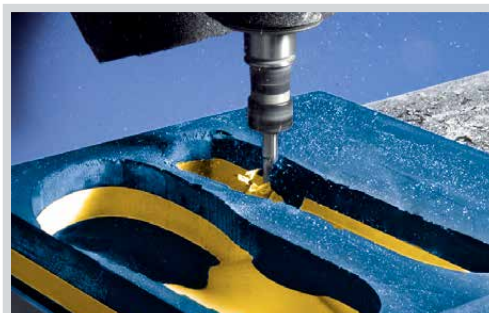


SCHEINWORKS construction allows you to select from a wide variety of materials to put together the combination of your choice. Different strengths, thicknesses and colours allow you to devise your own individual creation.

You can choose between one-, two- and three- multi-layer material, and you also have the option of selecting additional reinforcement and covering materials.



3. Step: Milling the foot orthotics



The foot orthotics are cut centrally by us at Remscheid, with rapid production times.

You can choose between a finely or coarsely cut surface for your foot orthotics:



Construction examples

SCHEINWORKS construction -
the user-friendly CAD system for individual construction of:



- Padding and supporting foot orthotics with comfort outlines
- Activating foot orthotics, gait and posture correction
- Supporting and pressure-relieving foot orthotics with sport outlines

Customer model

- Construct and save your own standard model





Wellness thong sandal

With SCHEINWORKS construction, you also have the option of exclusively creating individual soles for our NovaPED thong sandals. Our exclusive NovaPED configurator has been integrated into the construction area to help you create an individual construction.





- (1) Total contact (LF)
- (2) Strap colour outside (G/W)
- (3) Strap colour inside (SI)
- (4) Mid Sole (ZL)
- (5) Outsole (LS)
- (6) Cover material (DB)
- (7) Extras (EX)

sort by numbers		sort by colours	
SI 25	SI 21	SI 12	SI 4
SI 5	SI 22	SI 6	SI 27
SI 26	SI 2	SI 9	SI 30
SI 23	SI 3	SI 32	SI 16
SI 29	SI 10	SI 31	SI 13
SI 28	SI 1	SI 8	SI 24
SI 20	SI 19	SI 7	



LF 11 W 15 SI 27 ZL 13 LS 9 DB 4 EX1 07 EX2 00 EX3 00

Riemenbreite wählen: 17 mm

04.0874.02.5.03.15



Schein Orthopädie Service KG
 Hildegardstr. 5
 42897 Remscheid
 Germany
 Tel. +49 2191 910-200
 Fax +49 2191 910-100
 info@schein.de
 www.schein.de

