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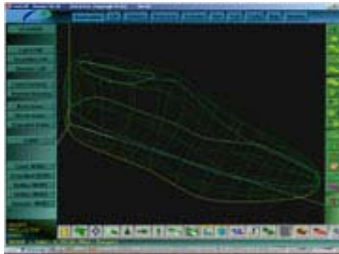
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FootCad[®]



The complete system

The input data (measurements) is imported directly from the FootScanner[®], SoleScanner[®], PodoView[®], ArmScanner[®] and DigiTab[®], or can reflect manual measurements. As such, FootCad[®] can work with foot or last measurements and/or the 2D or 3D digitisation of a shoe last or a foot.

Once a specific last model has been selected from the system's library, the last can be adjusted and modified, using the global rules or alterations until the CAD model fits to the digitisation. The automatic fitting of the CAD model (the last) to the digitised data (the foot) can be seen directly on-screen.

It is also possible to create a new model by adjusting the CAD model by using the various options inherent to the software. This newly created model can then be added to the library for future use/reference.

The CAD data is then used to calculate the tool paths of the NC milling machine

The system characteristics

- Last model creation.
- Easy adjustment of the last with the variable global parameters (heel height, instep girth, etc.)
- Local deformities for more particular adjustments of the last.
- Permanent possibility of comparison with the digitisation.
- Multiple foot positioning options.
- Last comparison.
- Morphing of (combining) 2 different lasts.
- Useful for production of control templates and grading tables.
- Tracing, printing and flattening.
- Tool path calculation for production on any NC milling machine.
- Transfer in 2D towards any pattern software.
- Open system (software) for file importation and exportation.
- Possibility to interface with other scanners or NC milling machines.
- Functions that allow to control the geometric last.
- Continuous 3D visualisation of the modifications