

# SoleEngineer

3D Sole Unit Engineering and Grading

SoleEngineer is an easy to learn and use solution for producing 3D engineered sole units and moulds for conventional, sports and performance footwear.

The rapid engineering process allows you to get the finished sole or set of graded soles to manufacture much faster, ensuring that your product deadlines are achieved.

Advanced engineering tools ensure that your sole unit meets the required tolerance, and ensures that sole unit exactly matches the original last and design features.

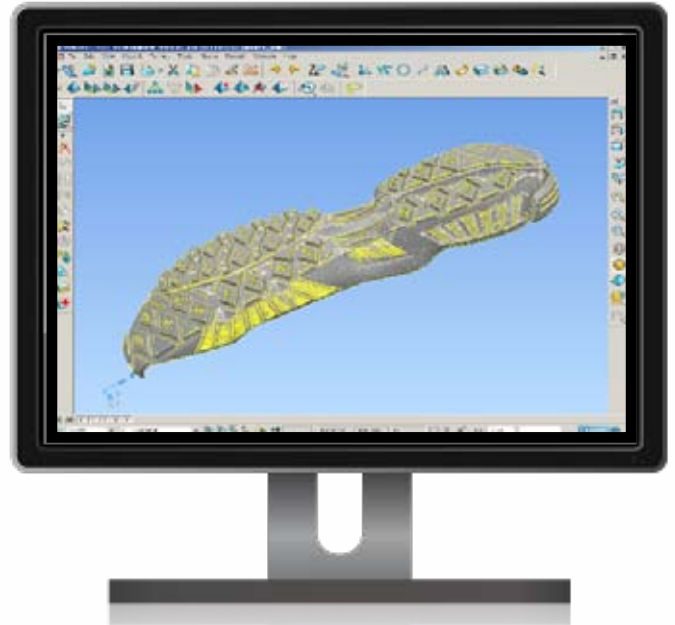
The digital data can then be sent directly to Delcam PowerMILL for machining models or moulds.

## With Delcam CRISPIN SoleEngineer you can:

- Produce accurate sole units that will exactly fit to the last bottom.
- Work to your own user defined tolerances for any operation.
- Organise your work onto separate layers for easy identification of parts
- Accurately grade complex sole units, ensuring all key dimensions and thicknesses such as the Insole and Outsole are maintained
- Morph existing models to produce new designs.
- Send mould designs direct to Delcam PowerMILL for machining of models or moulds.

## Key Benefits

- Clear, intuitive Graphical User Interface (GUI) with process-driven Wizards for common tasks.
- Control all aspects of design and manufacture, from initial concept to Punch design
- Export finished designs as STL files in full colour to directly 'print' 3D prototype models
- Create complete size ranges from a single master, using powerful grading techniques
- Grading in 3D will ensure that all components fit perfectly for all sizes in the range.



## Key Features

- Learn faster with on-line Help and comprehensive tutorials.
- Customize screen layout using standard and user defined toolbars
- Undo/Redo as many times as you need, right back to the last 'Save'
- Password protect your designs for total security
- Create and store your own company standard grading rules database
- Reverse engineer soles using a MicroScribe arm to digitize physical models
- Create your own libraries of commonly used textures and tread patterns
- Use any combination of standard CAD tools, solids and surfaces, to achieve the perfect design
- Render photo-realistic images for customer presentation and approval
- Create your own custom tools using VB.Net