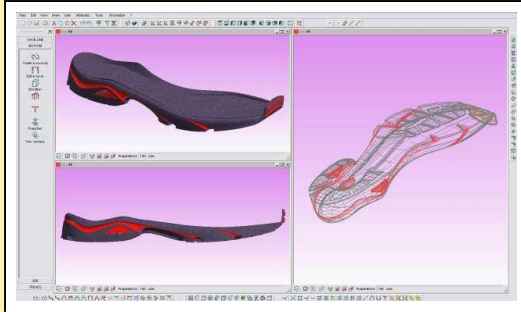




Create soles and heels in 3D



Design is no longer just for uppers! Whereas they used to be a structural element in shoes, soles have gradually become a major communication and differentiating tool for all shoe manufacturers.

A design software program for both designers and manufacturers of soles and heels, RomansCAD Software Sole enables you to cut the development times for your products through its functionality and capacity to interface with all manufacturing and prototyping systems. RomansCAD Software Sole is an efficient tool meeting your new challenges.

Make the sole the best asset of your model

Easy modeling functions of RomansCAD Software Sole gives you the freedom to create all types of models of soles and heels. Use the digital data from your last to create your sole quickly and accurately. You will also optimize your creativity and obtain a high quality professional result.

Enhance decision-making

The excellent quality of 3D digital imaging and the simplified functionality of RomansCAD Software Sole allow previewing the soles in 3D from all angles, allowing you to save time and decision-making costs while providing added value to the presentation of your sole.

Grade your heel with a single click

RomansCAD Software Sole lets you easily output all the grading functions for soles and heels. For greater flexibility, you can save or delete certain components.

Drawing heels

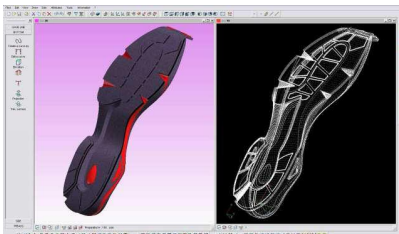
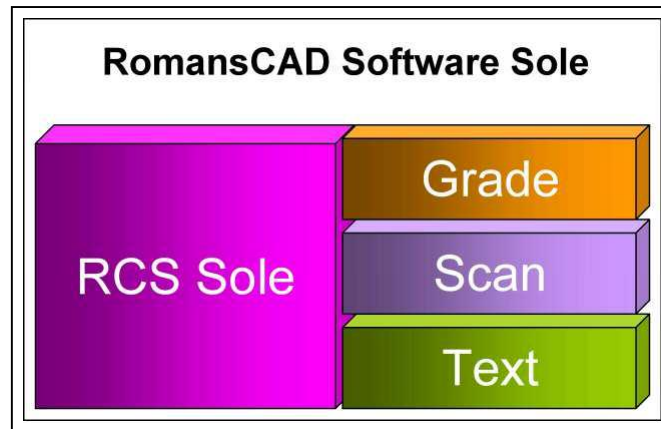
Create heels automatically and interactively using the parametric design and grading module. You can design all types of heels quickly and flexibly, with no limit to your creativity.

Create accessories

Design and produce all the accessories for your models with an even more realistic image using the RomansCAD Software Sole module: loops, eyelets, flanges, lace holes, etc.

Take advantage of a high performance and modular product range

All the RomansCAD Software modules are complementary and can be upgraded to adapt to your requirements: creation and grading, design, creation of soles and heels, etc.



RomansCAD Software Sole

Control soles

Simple to use, practical and powerful, RCS Sole is designed to produce soles and heels much more quickly and easily than traditional methods. You can produce soles from a last or a blueprint. Use the digitized last to plot your sole profile and build surfaces. Adjust the sole with extreme precision to obtain the model you want.

Freedom in creating soles

Create soles from your imagination: create new styles, original surfaces, different thicknesses, and change the shape and texture of heels... Make your soles unique, identifiable and directly machinable.

Build soles from the last

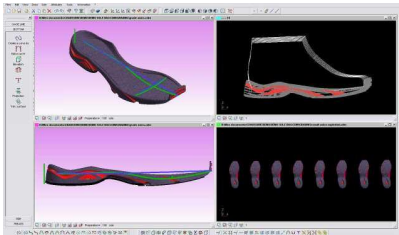
To maintain coherence and accuracy when creating models, the upper and sole must be worked together. That is why with RCS 3D Sole, soles are designed from the last. This guarantees perfect cohesion in the design of your shoe.

Customize your working tool

RCS Sole's user interface is modular: you can choose the tools you want and set up procedures to suit your working methods. Check your work from several different angles, use two different soles simultaneously... practical functions that recreate and enrich your working habits and expertise.

Software input and output

Soles can be captured from a digitized last, a (scanned or digitized) blueprint or from digitized data from other systems in DXF format. RCS Sole has a standard interface for machining moulds and creating rapid prototypes from various different formats: IGES, STL, etc.



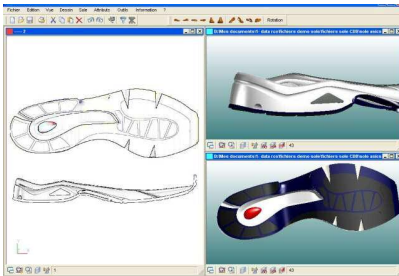
RomansCAD Software Grade

Take advantage of a flexible tool for greater efficiency

Adapt your soles and heels using the automatic grading tool in RCS Grade and complete your work faster and more easily. You can grade the soles in the traditional way or by using predefined criteria: choose to grade the entire sole on 2 or 3 axes (simple grading), or to keep certain fixed parts (coordination), or else combine both functions (double coordination). By creating complete sole ranges and reducing the number of heel and/or upper nests, etc., you can anticipate and control production costs.

Save the grading data

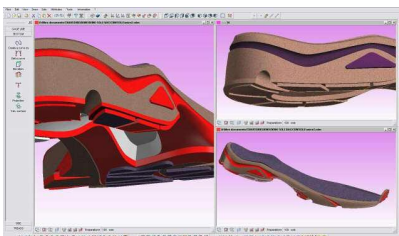
RCS Grade lets you save and re-use all types of grading. The saving of the data will save you time and guarantee your expertise and history data remain within your company.



RomansCAD Software Scan

Extract soles

The Scan option lets you extract directly to RCS Sole, the 3D style lines of a physical sole or heel using the Microscribe arm. You can also integrate 2D lines from a technical drawing (blueprint) or design storyboard.

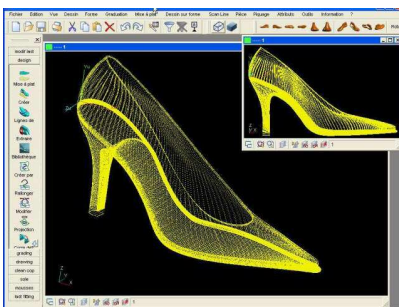


RomansCAD Software Text

Improve surface texture

The strength of this module lies in its potential to apply textures and ribbing to the surfaces of the soles from a customized image library, for a particularly realistic result.

Take advantage of the professional digital output and optimize the quality of your heel during the presentation of your prototype.



RomansCAD Software STL (option)

Communication solution

This additional module enables you to read or generate last in STL format. This ensures communication with third party solutions, both upstream and downstream of the RCS 3D Last & Grade solution.

Bundles available

RomansCAD Software Solemax

This bundle includes the Sole, Grade, Text and Scan modules.

RomansCAD Software Solexp

This bundle includes the Sole, Text and Scan modules.



RomansCAD Software Sole



Footwear

Technical specifications

- Graphics card recommended
- 3D graphic acceleration
- 256 MB DDR minimum

	Sole	Solemax	Solexp
Processor	2 GHz	2 GHz	2 GHz
RAM	1 GB	1 GB	1 GB
Hard drive	40 GB	40 GB	40 GB



RomansCAD Software Sole



Footwear

Service offering



Consulting

Lectra consulting helps you identify problems associated with your business and define areas for improvement to develop the creation and reduce the time to market of your products. Our team of specialists will assist you in establishing investment priorities and developing an implementation plan to accelerate speed-to-market, reduce costs, eliminate inefficiencies, and improve communications. Our specialists have on average more than 10 years' experience in your business sectors and in the technologies concerned, enabling them to handle any stage in the consulting process, from audit to project installation.



Software Evolution

Software Evolution is a subscription service that gives you access to the latest versions of Lectra software, allowing you to continually improve technical performance and to optimize your design environment with each technological innovation. Software Evolution secures your investment over the long term. This service allows you to enjoy state-of-the-art technology while achieving substantial savings.



Training

Lectra's training ensures rapid integration and optimal use of your software or your Lectra CAD-CAM equipment. With more than 120 instructors, this training can be provided on-site with customized programs or at Lectra's training centers throughout the world. Select the training modules best suited to your needs and combine them to make a customized training program.

Call Centers

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