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*A practical approach of*

# ROMANS CAD 3D Sketch

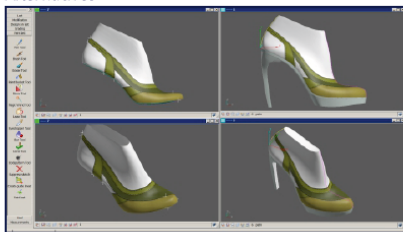
Software



Overview

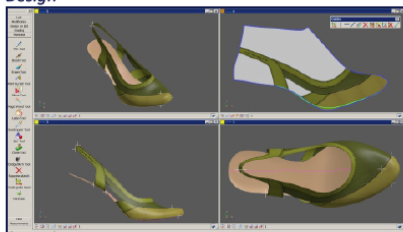
RCS 3D Sketch is the 3D modelling and rendering environment for Windows that empowers shoe designers to draw, visualize, explore and fully evaluate more ideas in less time.

*Alternatives*

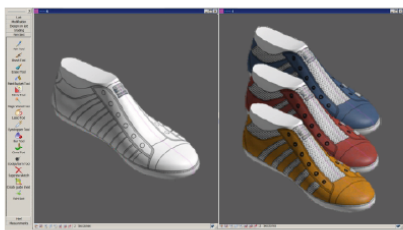


With RCS 3D Sketch you have all the tools for the creation of high-quality, professional 3D models and the power to render them with unsurpassed photorealism, in one package.

*Design*

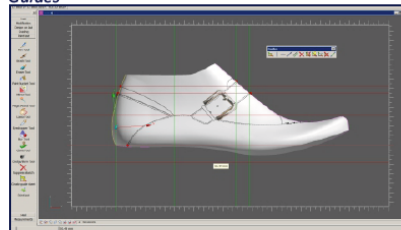


The RCS 3D Sketch user interface is a carefully designed environment where you can work with intuitive ease. Icons are self-explanatory and the interface prompts you throughout the creation process. Workspace colours and themes can be easily customized.



Advanced grids, snaps, selection filters, layers and informative browser provide access to all of the technical and organizational tools needed for complex and precise modelling. The three-axis interactive snapping in the 3D environment mapping let you work interactively as you design models, assign materials to get superior results more quickly than ever.

*Guides*



RCS 3D Sketch is easy and intuitive, allowing to model in 3D quickly and accurately. Using 3D models, designers can make more informed decisions, communicate project details and share ideas with colleagues and customers to reach a common goal.

*Design*



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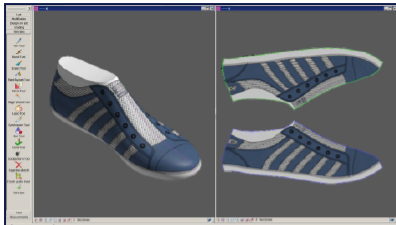
RCS 3D Sketch allows you to:

*Find pathways to winning design sooner*

- Eliminate design reinterpretation between designers and engineers, passing 3D data to and from CAD/CAM systems
- Reduce the number of physical prototypes and the time required to build them by using photorealistic images or color prints and plots to visualize design virtually
- Do away with manually developing physical prototypes by generating rapid prototype concept models directly from program data



- Improve the speed and quality of decision-making through increased collaboration between marketing, research, product development and manufacturing teams



- Help you discover errors before designs are released for manufacturing, reducing costly delays caused by late changes

*Reduce product development costs*

- minimize design errors early in the product development process by creating realistic, accurate 3D models using design evaluation tools
- leverage market research prior to making capital - intensive investment
- avoid unnecessary prototype development costs. Narrow the field of viable concepts virtually with photorealistic renderings

*Boost designer productivity and creativity*

- facilitate the rapid creation of design alternative. Instantly apply design changes to form or surface qualities
- Extend and build upon previous design with a library of shared reusable 3D models, textures, shaders and colors
- Visualize product concepts in realistic environment



Features

- Use the guide, in order to get the right 3D Proportions (guide sheet, vertical, horizontal, parallel guides, guide visibility)
- Use the layer management to create basic sketches and variants (create or import a design, move up and down, merge)
- Sketch in 3D with a very intuitive and gesture-based interface using the right tool (pen, brush, eraser, paint bucket, mirror, magic wand, lasso, blur, clone, dodge and burn)
- Create custom shapes (stitching, pattern, etc.)
- Create variants using colours and textures (Pantone® colors, textures, transparencies)
- Export your design to communicate more effectively (PDF, VRML)