

Roland Releases More Powerful Version of 3D Jewelry Design Software

Hamamatsu, Japan, January 26, 2010 — Roland DG Corporation, a worldwide leader in engraving and 3D milling technologies, today announced Version 2.0 of the company's JewelStudio software, a powerful 3D design program specifically developed for jewelry designers and goldsmiths. JewelStudio is included with all Roland JWX-30 3D milling machines, creating a complete solution for precision jewelry wax master model production.

The JWX-30 solution allows jewelry designers to quickly and easily transform their ideas into precise wax models of jewelry items such as rings, pendants, bracelets and earrings. With the release of Version 2.0, all existing JewelStudio customers can update their software free of charge by clicking the program update button appearing on the opening screen, or by accessing the update online at <http://www.rolanddg.com/download.html>.

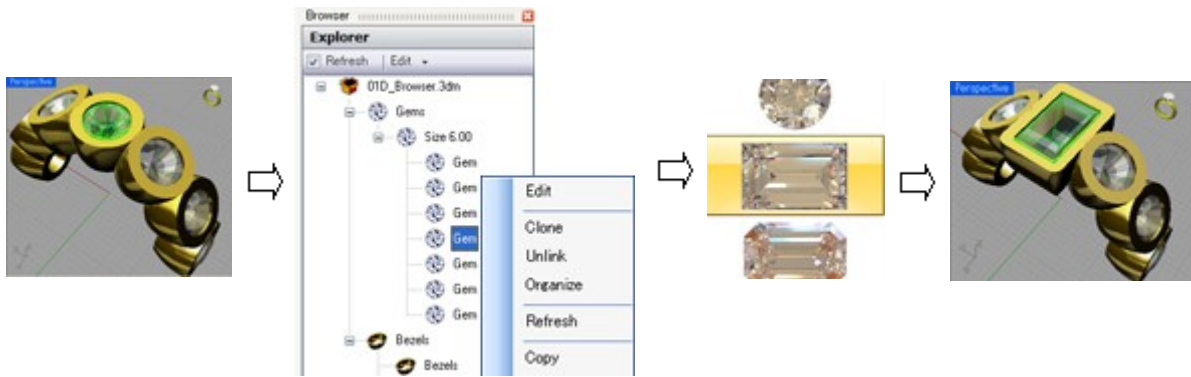
“JewelStudio 2.0 offers a more intuitive user interface featuring step-by-step workflows and point-and-click simplicity, making it easy for even novice CAD users to create complex jewelry designs,” said Akinori Sakai, Roland DG product manager. “Version 2.0 also includes powerful new design features that further increase the software's versatility. These include new parametric editing capabilities which allow designers to change the parameters of a design such as the shape and size of a ring and see these changes reflected dynamically on screen. Complex changes such as bending the angle of gem prongs or rounding a bezel are easily completed and reflected in a preview screen.”

Roland JewelStudio 2.0 Highlights:

- 3D jewelry design software developed exclusively for Roland's JWX-30 wax master modeling solution.
- Produces original digital designs quickly and intuitively, offering designers full creative flexibility.
- Simple menus, clear icons and step-by-step workflows guide even inexperienced CAD users through the design process.

New features:

- Parametric editing allows designers to adjust features of their designs and see many of these changes reflected dynamically on screen. More complex design changes are easily made and confirmed on a preview screen.



Selecting a gemstone to change → Selecting the new gem → Automatically Reshape

- 3D texture function enables the creation of original textures on the surface of jewelry items for a more creative, hand-rendered effect. Textures can then be stored in jpeg format for later use.



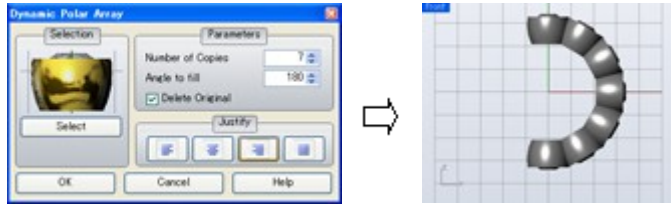
Adds original textures on the surface of jewelry items.

- Relief Studio creates sophisticated 3D reliefs according to preset parameters. This feature uses vector data imported from Adobe® Illustrator® and other graphics software.



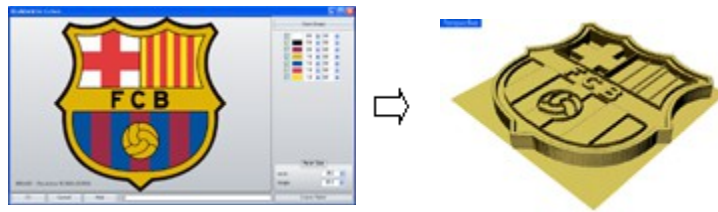
Creates 3D reliefs on the surface of jewelry using vector data.

- Dynamic Polar Array easily creates an array of stones and objects in real time for instant viewing.



Selects the right-alignment button for an array the stones.

- Height Field by Color function allows designers to quickly and easily define different heights for their 3D reliefs based on each color in a 2D design image.



Defines the height based on each color and creates a 3D relief.

Animation Studio showcases the finished design in a video presentation at the proper resolution for viewing on a Web site, DVD, or for sending as an e-mail attachment. **JewelStudio 2.0 imports Adobe Illustrator AI formats up to version 8.

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