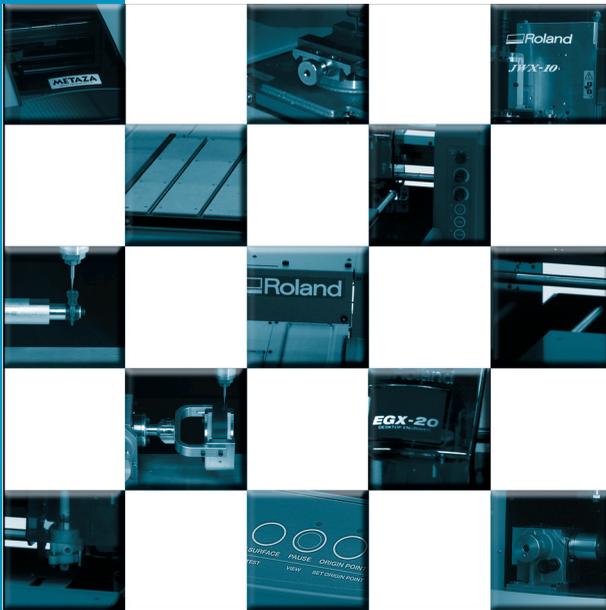


Jewelers Workbench Solutions

From design and modeling to milling and engraving.

No tool can replace talent and true artistry when it comes to making jewelry. Which is why Roland Jewelers Workbench Solutions are built to enhance your ability to create genuine works of art. To make your job easier, faster, more precise, and infinitely more profitable. Each of our leading-edge models offers exceptional versatility, ease-of-use, and proprietary features and software only available from Roland. So you can focus on your creativity and artistic expression and leave the rest to us.



Scanning and Milling

MDX-15 and MDX-20 The power of 3D modeling on your desktop.

Go from weeks to minutes when taking your CAD drawings to prototyping. The MDX-15 and MDX-20 all-in-one scanning and milling machines make it easier than ever to produce models and jewelry-making molds, as well as develop rapid prototyping, small lot production, and even package design. Import designs using any 3D CAD software before creating detailed prototypes. With a model in-hand,

you can more easily adjust center of gravity, weight, size, and materials, thereby reducing errors, time, and cost before full production. The MDX series accommodates ABS, acrylic, modeling wax, polyurethane and SRP™ tooling board. The MDX-15 features a 6" x 4" x 2-3/8" work area and the MDX-20 a 8" x 6" x 2-3/8" work area.

MDX-15 Price: \$2,995 U.S.

MDX-20 Price: \$4,495 U.S.



Rotary Milling

JWX-10 Custom jewelry milling machine.

From start to finish, the compact, ultra-quiet JWX-10 makes custom jewelry-making infinitely easier, more precise, and more lucrative. Produce models with unimaginable speed, detail, and ease. Simply import counter sketches into virtually any CAD software. Resize, add features, or simulate

milling using the professional CAM software included. High-speed, 4-axis, 360-degree milling enables you to quickly engrave detailed master ring models using off-the-shelf wax stock — all unattended.

JWX-10 Price: \$9,995 U.S.



Engraving

EGX-20 Perfect engraving — even on uneven surfaces.

The EGX-20 is an easy-to-use engraver that delivers great performance at a great price. Using Active Surface Tracking, it enables you to engrave virtually any kind of jewelry without scratches that can occur on uneven or irregular surfaces. Its simplicity makes

it the perfect machine for the beginner or veteran and ideal for any jewelry business. The EGX-20 features a 12-watt, 15,000 rpm spindle, a maximum work area of 8" x 6", and a Z-axis height of 1.25".

EGX-20 Price: \$2,495



MPX-70 The faster, quieter, higher performing way to make money.

The MPX-70 Metaza impact printer is the power tool for Retail Photo Labs, Kiosk owners or Jewelers who want a high-performance way to create custom-imprinted jewelry, medallions, pet and luggage tags, charms, lighters, cell phones and much more. Offering three times the speed and twice the resolution as the MPX-60, this innovative photo impact printer makes it fast, quiet, and easy to put photos, artwork, drawings, logos, and words onto

any number of flat surfaces, from acrylic to metal, without removing any of the material. Personalize objects up to 3.54" x 3.54" x 0.78". Produces 30mm x 50mm pendants in less than six minutes. Includes the latest version of Dr. Metaza2 software.

MPX-70 Price: \$3,995

**Roland
biztools®
CERTIFIED**

Roland®
Advanced Solutions Division

Included Software

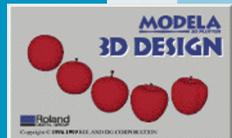
Supercharge your jewelry work with powerful design and editing suites.



Roland jewelers workbench solutions come with easy-to-use software that makes it simple to begin using your new scanning, modeling, milling, and engraving tools right out of the box. Each comes complete with step-by-step tutorials and all are designed to work with popular industry standards.



Dr. Engrave gets you started fast, automatically sizing your job to fit the specified material. It comes with Windows® TrueType fonts and can convert them to single-line fonts for optimal engraving. Plus, it gives you the ability to import Excel and CSV database files — useful for nametags and nameplates.



3D Engrave transforms 2D graphics or bitmaps into 3D relief models.

MODELA Player makes it possible to scale 3D images uniformly and select milling direction, depth and speed. MODELA Player accepts DXF, IGES, and STL files from all popular CAD/CAM software.



Virtual MODELA simulates finished 3D models and accurately estimates machining production time. Add lighting effects, material color, and bitmap overlays to simulate finished products.



Dr. Metaza2 is bundled with the MPX-70 and makes it easy even for first-timers to start editing images and adding text and borders. Quickly remove backgrounds and rotate images and text. Dr. Metaza2 imports data files in JPEG or BMP format and accepts data from digital cameras and TWAIN-32-compatible scanners.



Dr. PICZA is comprehensive, dedicated scanning software that reduces data volume by minimizing resolution on all or part of the captured data. It can also rescan part of the object at a finer scanning pitch and automatically combine it with the original data. It supports an array of data formats, including DXF, STL, 3DME, gray scale BMP, and can export as IGES files.



Face Designer (optional) Roland Face Designer is a powerful CAD software application that transforms 2D facial photos into 3D reliefs on jewelry, medallions, plaques and signs. Roland Face Designer converts Bitmap, TIFF, GIF or JPEG images into CAD models that can be produced with Roland desktop devices. It supports Roland EGX series engravers, MDX series SRP™ milling machines, the JWX-10 jewelry model maker, and the RX-50 spiral axis engraver.



ProtoWizard (optional) software lets jewelers import industry standard STL files and easily convert them into NC files ready to be milled. ProtoWizard is compatible with all jewelry design software, including GEMvision Matrix, Rhino® with Techgems, ArtCAM Jewelsmith and Type 3 3Design. The included 3-sided ring fixture and extra ring arbor allow for the production of even the most complex design.

Roland reserves the right to make changes in specifications, materials or accessories without notice. Your actual output may vary. For optimum output quality, periodic maintenance to critical components may be required. Please contact your Roland dealer for details. No guarantee or warranty is implied other than expressly stated. Roland shall not be liable for any incidental or consequential damages, whether foreseeable or not, caused by defects in such products. All trademarks are the property of their respective owners.

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