# Engravers Workbench

The Roland EGX family of engravers establishes new standards for price and performance. Available in desktop and benchtop models, they offer precision, reliability and numerous Roland-only features. All EGX engravers include a full suite of engraving software, allowing them to handle a wide variety of jobs ranging from trophies and awards to badges, nametags, key rings and much more. The MPX-60 photo impact printer also includes software for imprinting photos, illustrations, logos and text into light metals and plastics.

## Engraving Machines

### EGX PRO Benchtop Series Power, Speed And Industry-First Features

The EGX PRO 600 and 400 are industrial-sized, advanced benchtop engravers. Using Feed Forward Processing enabled by belt drive technology and digital AC Servo brushless motors on the X, Y and Z axes, they deliver unmatched precision, speed, reliability and energy efficiency for 2D and 3D engraving. The PRO has a 72-watt, 30,000-rpm spindle for high torque and minimum vibration. Maximum work area for the 600 is 24" x 16" and 16" x 12" for the 400. Both have a Z axis height of 1.57".

### EGX-20 Trouble-Free Engraving On Uneven Surfaces

The EGX-20 is an easy-to-use, low-cost desktop engraver. It uses an Active Surface Tracking system to prevent scratches on engraving material and maintain a constant engraving depth, even on irregular surfaces. Novice users can easily accomplish just about any engraving job, including nametags, medallions and awards. The EGX-20 has a 12-watt, 15,000-rpm spindle. Maximum work area is 8" x 6" with a Z axis height of 1.25".

### EGX-300 Versatile Desktop Performer

The EGX-300 desktop engraver is one of the most versatile engravers in its price range. It combines speed, power and precision to handle a wide range of engraving applications, including ADA signage. A safety cover, which pauses the machine when opened, reduces debris and noise. The EGX-300 has a 30-watt, 15,000-rpm spindle. Maximum work area is 12" x 9" with a Z axis height of 1.18".

### EGX-30 Affordable 2D Engraving

The EGX-30 is a compact desktop engraver designed for professionals looking for a second machine or beginners working on a limited budget. It easily handles badges, nameplates, key rings and luggage tags. It also scribes brass for awards and trophies. The EGX-30 has a 15-watt, 10,000-rpm spindle and a maximum work area of 12" x 8".

### RX-50 Spiral Axis Engraver

NEW!

The RX-50 employs a rotating worktable in conjunction with a high-speed, 50,000 RPM spindle to produce three-dimensional reliefs for medallions, coins, dies, promotional items, awards and personalized gifts. It operates quickly, making it ideal for mall kiosks and jewelry shops. The RX-50 engraves brass, gold, silver, platinum, titanium and acrylic. Maximum work diameter is 2".
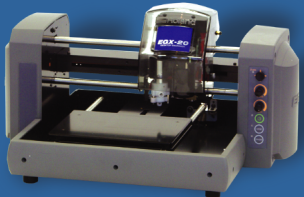
### MPX-60 Photo Impact Printing

NEW!

The second generation MPX-60 photo impact printer provides an easy, low cost way to personalize jewelry, pendants, tags, awards, nameplates and promotional items. It uses a diamond-tipped stylus to permanently imprint photos, illustrations, logos and text into metals and acrylics. The maximum work area is 3.15" x 3.15". Updated Dr. Metaza2 software included.
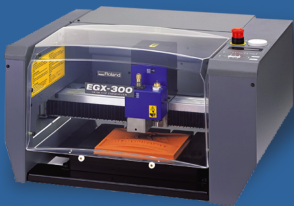
**Built with precision. Backed with passion.™**

**Roland®**

# Full Suite of Easy-to-Use Software Included

All Roland EGX Engravers include a full suite of professional engraving software. Dr. Engrave imports Excel and CSV database files and comes with Windows® TrueType fonts. 3D Engrave enables the production of 3D reliefs. Virtual MODELA saves production time by simulating finished 3D jobs for users to preview. Available as an add-on, EZ-Engrave® offers several engraving-specific fonts, ADA designs and a variety of fill patterns. Bundled with the MPX-60, Dr. Metaza2 imports and edits files for imprinting.

## Dr. Engrave

Dr. Engrave has an automatic layout function for importing Excel and CSV database files for faster engraving of nametags and nameplates. Dr. Engrave quickly and automatically lays out jobs to fit material in the most efficient way possible. Another key Dr. Engrave feature is its ability to convert Windows® TrueType fonts into single-line fonts for optimal engraving.

## MODELA 3D TEXT

MODELA 3D TEXT converts Windows® TrueType fonts into MODELA Player or 3D DXF format for engraving 3D reliefs.

## 3D Engrave

3D Engrave uses 2D graphics or bitmaps to generate 3D relief models.

## Virtual MODELA

Virtual MODELA enables the simulation of finished 3D models and accurately estimates machining production time. Lighting effects, material color and bitmap overlays can be added to accurately represent the finished product.

## Dr. Metaza2

Bundled with the MPX-60, Dr. METAZA2 photo-imprinting software allows even first-time users to start editing images and adding text, frames and borders immediately. With the latest version, users can quickly remove backgrounds and rotate images and text. The software imports data files in JPEG or BMP format and also accepts data from digital cameras and TWAIN_32-compatible scanners.

## Bundled Roland Software

|  | Virtual MODELA | MODELA 3D | 3D Engrave | Dr. METAZA2 | Driver for Windows | Dr. Engrave | RX-50 Software |
|---|---|---|---|---|---|---|---|
| **EGX PRO** | ● | ● | ● | — | ● | ● | — |
| **EGX-20** | ● | ● | ● | — | ● | ● | — |
| **EGX-300** | ● | ● | ● | — | ● | ● | — |
| **EGX-30** | — | — | — | — | ● | ● | — |
| **RX-50** | — | — | — | — | ● | — | ● |
| **MPX-60** | — | — | — | ● | ● | — | — |

# Professional Engraving Software Also Available

## EZ-Engrave®

Available as add-on software, EZ-Engrave is a complete design and production program for experienced engravers. The package includes highly efficient fill routines, automatic corner clean up with EZ-Engrave's proprietary "Smart Cut" algorithms, and an accurate scanning and auto-tracing feature for converting scanned logos into engraveable artwork. It also composes text messages with 22 single line fonts, 1,100 outline fonts and 2,000 pieces of clip art.

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## Bundled Software



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MODELA 3D TEXT
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3D Engrave
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Virtual MODELA
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Dr. METAZA
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## Optional Software



EZ-Engrave™

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