![Roland]

# EGX-400 & 600
## PROFESSIONAL ENGRAVING MACHINES

EGX-600

EGX-400

MEN

SPEED, POWER, INNOVATION

Routed signboard


Chrome motorcycle accents


ADA-compliant signs

## High-Speed Engraving with Feed Forward Processing

EGX-400/600 engraving machines quickly and easily engrave or scribe a wide variety of materials. Spindle speed can be varied between 8,000 and 30,000 rpm to support wood, foam, plastic, acrylic and light metals such as brass and aluminum. Roland servo motors generate plenty of torque for smooth, fast engraving, while feed forward processing anticipates the best tool path for greater accuracy and energy efficiency.
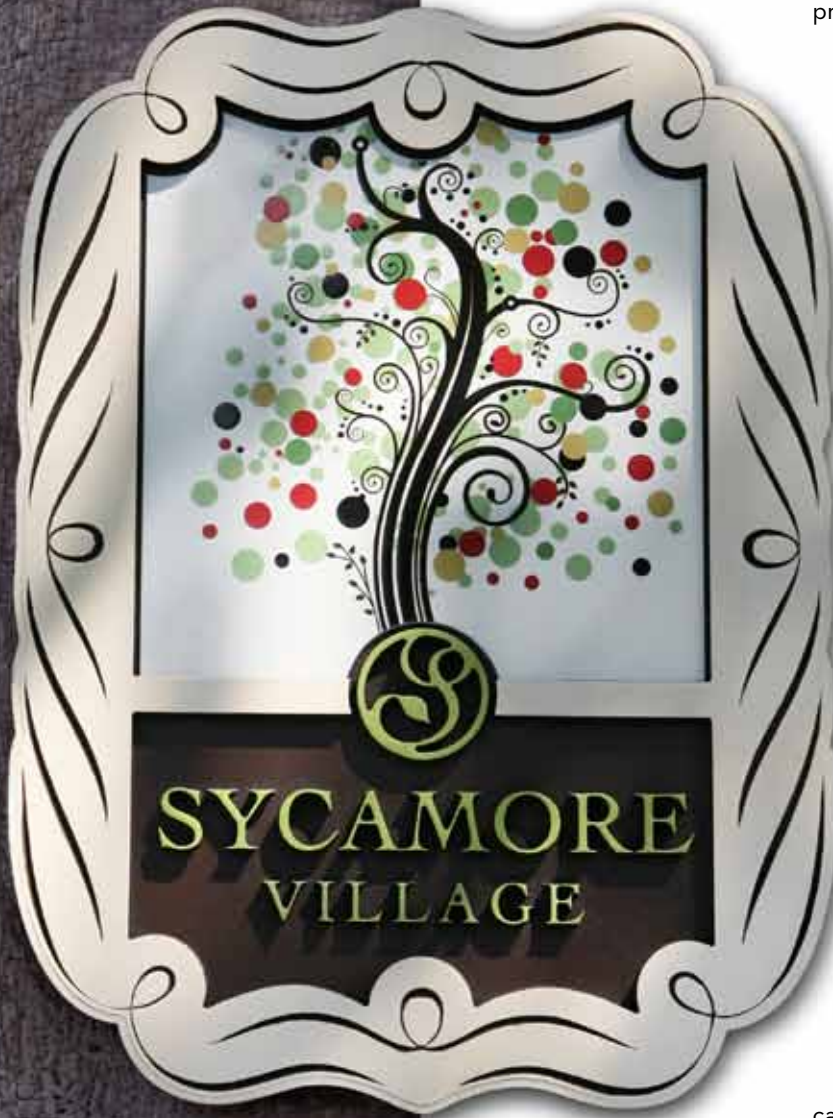
## Bundled Engraving Software

Perfect for a wide range of jobs, the powerful and easy-to-use Dr. Engrave software uses TrueType fonts, includes variable data printing capabilities and easily imports Excel and CSV database files into pre-defined text boxes for production of common jobs like product serial numbers, nametags and door numbers. EGX-400/600 engravers also come with a Windows print driver that makes working with industry software such as CorelDRAW®, Adobe® Illustrator®, EngraveLab and FlexiEngrave a snap.

## Computerized Engraving Made Easy

To further simplify production and free up your computer resources, a removable MMC/SD memory card and hand-held control panel come with each EGX Pro series engraver. Simply store your programmed files on the memory card and insert it into the EGX, and you can run the job without tying up your computer. During production, you can use the control panel's jog dial to change spindle speed or menu selections. For repeat jobs, operating commands can be saved in the built-in memory or on the removable MMC/SD memory card.

## Rhinestone Decorated Apparel

EGX-400/600 engravers come with Roland R-Wear Studio software which allows you to create beautiful rhinestone templates for profitable decorated apparel and bags. Among other features, the software includes a library of 500 hot-fix rhinestones and displays job costs, allowing you to quickly calculate profits and manage rhinestone inventories.

Elegant corporate ID signs


Retail & directional signs


Routed wooden signs

# Power, precision and performance come standard.

Roland EGX Pro engraving machines have the power, size and speed professional engravers want. In addition to customizing awards, plaques, name plates, apparel and promotional items, these benchtop devices are perfect for producing quality indoor and ADA-compliant signage. Your braille and pictographic signs will have an upscale look while meeting all ADA regulations.

## ALL-IN-ONE ADA SIGNAGE SOLUTION

An optional ADA Signage Kit is available for Roland EGX engravers as well, allowing you to produce quality, tamper-resistant signs that comply with federal and state Americans with Disabilities Act (ADA) regulations. The EGX-400/600 ADA Kit comes with an Accent Signage Manual, Auto Raster® Pen, and a Raster Pen License Kit to create a powerful all-in-one-solution that dramatically speeds up the production of Braille and indoor pictographic signs. The kit also includes an engraving tool kit, cutters and guides, engraving software and materials, adhesive sheets, a self contained chip removal system and a vacuum adapter.



Watch the EGX-400/600 create braille signage
at www.rolanddga.com/ADA

**Roland**®

# EGX-400 & 600 PROFESSIONAL CNC ENGRAVING MACHINES

- State-of-the-Art Engraving Technology
- Roland High Speed Engraving (HSE)
- Servo motors generate plenty of torque for smooth, fast engraving
- Feed Forward Processing (FFP) "look ahead" technology anticipates tool path for greater accuracy and energy efficiency
- Engrave or scribe a wide variety of materials including wood, urethane foam, plastic, acrylic, and light metals such as brass and aluminum
- Spindle speed can be varied between 8,000 and 30,000 rpm
- Bundled Software Makes Computerized Engraving Easy
  - > 3D Engrave
  - > MODELA Player CAM
  - > Virtual MODELA
  - > Windows® driver
- Engrave repeat jobs using the removable MMC memory card
- Connect multiple EGX PRO machines together with Roland's sequence I/O controller

- Incorporate Roland's ADA Signage Kit for the production of high-quality, tamper-resistant signs that comply with federal and state Americans With Disabilities Act (ADA) regulations
- A gantry X-axis rail and flat table system provide space for placing long boards for larger signs.
- Remote Control
- Roland Reliability And Unmatched Support
- 2 Year Trouble Free Warranty

For detailed features and specifications, visit www.rolanddga.com/egxpro

## PRODUCT SPECIFICATIONS

| MODEL | EGX-400 | EGX-600 |
|---|---|---|
| Dimensions | 31" (W) x 28" (D) x 20.5" (H) (795 mm (W) x 719 mm (D) x 521 mm (H)) | 39" (W) x 32" (D) x 20.5" (H) (995 mm (W) x 820 mm (D) x 521 mm (H)) |
| Max. Cutting Area | 16"(X) x 12" (Y) x 1.67" (Z) (407 mm (X) x 305 mm (Y) x 42.5 mm (Z)) | 24" (X) x 16" (Y) x 1.67" (Z) (610 mm (X) x 407 mm (Y) x 42.5 mm (Z)) |
| Acceptable Material Thickness | 1.575" (40 mm) | |
| Feed Rate | XY-axis : 0.5 mm/sec. , 1~100 mm/sec. Z-axis : 0.5 mm/sec., 1~50 mm/sec. | |
| Mechanical Resolution | XY-axis : .0001"/step (0.003 mm/step) Z-axis : .00009"/step (0.0025 mm/step) | |
| Revolution Speed | 8,000 - 30,000 rpm | |
| Spindle Motor | DC brushless motor Max. 72 W | |
| Total Weight | 112 lb (51 kg) | 141 lb (64 kg) |
| Interface | Parallel (in compliance with the specification of Centoronics), Serial (under RS-232C standard) , External connector 1 , External connector 2 | |