



DESKTOP ENGRAVER **EGX-30A**

A Versatile,
Creative Tool and
an Unbeatable Value



- Professional results at an affordable price
- No previous engraving experience required
- Compact size and quiet, safe operation



Saves Costs and Time of Outsourcing, Creates Additional Value

The fast and quiet EGX-30A is today's most cost-effective, computerized engraving solution, ideal for start-up firms working on a limited budget and any business wishing to eliminate outsourcing.

Factory worker

With the EGX-30A, you can quickly respond to signage and name plate requests.



Shop owner

Engrave custom ID tags quickly on demand.



Roland Dr. Engrave Software Ensures Easy Setup and Operation

Included Dr. Engrave software allows you to start engraving immediately.

Imports various types of text and bitmap images for vector tracing

- ▶ Supports industry standard True Type fonts
- ▶ Single Stroke Font Editor (SFEdit) creates original single stroke fonts.

Imports Microsoft Excel database files in CSV format for variable data applications

- ▶ Creates name plates using data imported from an address book
- ▶ Sequential numbering function creates serial number plates



Create one-of-a-kind rhinestone designs with R-Wear Studio

Optional

With Roland DG's optional rhinestone design software you can add value to T-shirts, apparel and gifts by following a few simple steps.

(Combine a Roland printer and plotter for even more variations on your designs.)



1 Design
your rhinestone pattern



2 Engrave
a rhinestone pattern template



3 Set rhinestones
and then transfer the design using transfer tape



4 Heat press
your rhinestone design

EGX-30A Specifications

| | |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum operation area | 305 mm (X) × 205 mm (Y) (12 in. × 8-1/16 in.), Maximum thickness workpiece : 5 mm (Z) (3/16 in.) |
| Feed rate | X, Y-axis: Maximum 3.0 m (118-1/16 in.)/min. (50 mm (1-15/16 in.)/sec.) |
| Spindle motor | Brushless DC motor, maximum 27 W |
| Engraving tool mounting diameter | 3.175 mm (1/8 in.) |
| Revolution speed | 5,000 – 10,000 rpm |
| Interface | USB (compliant with Universal Serial Bus Specification Revision 1.1), Serial (RS-232C-compliant) |
| External dimensions | 513 mm (W) × 491 mm (D) × 217 mm (H) (20-1/4 in. (W) × 19-3/8 in. (D) × 8-9/16 in. (H)) |
| Weight | 13.2 kg (29.1lb.) |
| Operation temperature | 5 to 40 °C (41 to 104 °F) |
| Operation humidity | 35 to 80 % (no condensation) |
| Engravable materials | Plastic (ABS, Acrylic, PC etc), and Brass and Aluminum for Scribing |
| Accessories | AC adapter, Power cord, USB cable, Character cutter, Vacuum-adaptor, Depth regulator nose, Diamond scraper adapter, Hexagonal screw driver, Spanner, Hexagonal wrench, Test material, Adhesive sheet for securing material, Roland Software package CD-ROM, User's Manual |

System Requirements for Software

| | Dr. Engrave (Bundled) | R-Wear Studio (Optional) |
|--------------------|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Operating System*1 | Windows® 8.1/10 (32/64-bit) Windows® 7 Ultimate / Professional (32/64 bit) | Windows® 8.1/10 (32/64-bit) Windows® 7 Ultimate / Professional (32/64 bit) |

*1 Dr. Engrave and R-Wear Studio are not compatible with Windows® RT.

Options

| Item | Model number | Description (Unit = mm) | Item | Model number | Description (Unit = mm) |
|-----------------------|--------------|------------------------------------------------------------------|----------------------------|--------------|----------------------------------------------------------------------------|
| Engraving cutters | ZEC-A2013 | Cemented carbide dia. = 3.175, 114 (L) × 0.127 (W) (for plastic) | Parallel engraving cutters | ZEC-A2150 | Cemented carbide dia. = 3.175, 114 (L) × 1.52 (W) (Parallel, for plastic) |
| | ZEC-A2025 | Cemented carbide dia. = 3.175, 114 (L) × 0.254 (W) (for plastic) | | ZEC-A2190 | Cemented carbide dia. = 3.175, 114 (L) × 1.91 (W) (Parallel, for plastic) |
| | ZEC-A2051 | Cemented carbide dia. = 3.175, 114 (L) × 0.508 (W) (for plastic) | | ZEC-A2230 | Cemented carbide dia. = 3.175, 114 (L) × 2.29 (W) (Parallel, for plastic) |
| | ZEC-A2076 | Cemented carbide dia. = 3.175, 114 (L) × 0.762 (W) (for plastic) | | ZEC-A2320 | Cemented carbide dia. = 3.175, 114 (L) × 3.175 (W) (Parallel, for plastic) |
| Quarter round cutters | ZEC-A2013-QR | Cemented carbide dia. = 3.175, 114 (L) × 0.13 (W) (for plastic) | Diamond cutters | ZDC-A2000 | Diamond dia. = 3.175, 127 (L) |
| | ZEC-A2025-QR | Cemented carbide dia. = 3.175, 114 (L) × 0.25 (W) (for plastic) | | | |

dia = shank diameter, L = overall length, W = blade width

| Item | Model number | Description |
|--------------------------------------|--------------|--------------------------------------------------|
| Bearing for the depth regulator nose | DRN-20 | 3 pcs. |
| Adhesive sheet for securing material | AS-10 | 210mm × 140mm (8-1/4 in. × 5-1/2 in.), 10 sheets |

The DGSHAPE Brand Promise

DGSHAPE is the brand name of the 3D business unit spun off from Roland DG with the core mission: "make innovation, make life better." DGSHAPE delivers digital technologies that bring ideas to life, revolutionize business processes, and shape a better future. Our goal is to fuse human creativity with digital workflows to provide exceptional value across multiple endeavors, from individual craftsmanship to manufacturing, healthcare and beyond.

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