



EGX-360

ROTARY GIFT ENGRAVER

Personalized = Exclusive



The value of a gift often depends on the meaning behind it. That's why many people like to give a personal touch to their gifts. By personalizing them with a message, a picture or a symbol, you create exclusive, valuable must-haves.

The EGX-360 engraver is the ideal machine for gift personalization. The machine is specifically developed for retailers to provide them with the tools to give presents something extra. That way, retailers can keep larger margins in house.

The EGX-360 is professionally built, versatile and easy to use. The machine engraves a broad range of materials in a variety of shapes and sizes. In sum: it is the perfect machine to help your business bloom.

Engrave trophies, awards and corporate gifts



The EGX-360 is the perfect fit for companies specialized in trophies, awards and corporate gifts.

The machine can handle flat, curved, cylindrical, domed and other irregular surfaces, making it ideal for engraving glassware, bottles, vases, tankards, goblets, flasks, watches, pens, plaques and corporate gifts.

Professional, user-friendly software

The EGX-360 is combined with easy-to-use software that features a range of creative tools, like V-Carving (which creates hand carved effects). The software also allows batch production. Furthermore, Roland Engrave Studio features a preview function that reduces errors, saves time and materials.

Increase the value of jewellery, glass and silverware



Jewelers can use the EGX-360 to engrave the inside and outside of rings. Other applications for the jewellery market are: engraving watches, clocks, flasks, jewel cases and more.

EGX-360

Features and advantages

Versatile:

- Engraves a wide range of items: glassware, bottles, vases, tank cards, goblets, flasks, watches, rings, pens, plaques, lighters etc.
- Vises secure a variety of products
- Engraves curved, flat, domed and other irregular surfaces
- Engraves a wide range of materials: glass, gold, silver, stainless steel, brass, aluminium plastics and wood

Powerful and accurate:

- Wide range of specific engraving functions, including cylindrical engraving, glass engraving, inside/outside ring engraving, flat surface single and batch engraving
- Automatic surface detection for easy operation, even on undulating surfaces
- Accurate: 0.0025 mm X/Y axes; 0.00125 mm Z axis
- Superb hand-carved effects with V-Carve mode
- Engraving area: 305 x 230mm(flat surface mode), 180mm diameter x 305mm length (cylindrical engraving mode)

Uncomplicated:

- Easy to use and operate
- Connects to a PC via a USB port
- Simple hand-held remote control panel
- Intuitive software interface
- Full preview function helps eliminate errors, saving time and materials
- Laser pointer system reduces mistakes and simplifies operation

Clean and safe:

- Machine cover ensures safe production
- Dust-free engraving
- No additional cleaning between jobs
- Filters remove glass particles

Software included:

- Delivered with four software packages: Roland Engrave Studio, Dr. Engrave, 3D Engrave and Virtual MODELA.
- Roland Engrave Studio features
 - Easy to operate
 - Batch production options for increased productivity
 - Preview function
 - V-Carve mode to achieve hand carved effects
 - Compatible with vectored AI, EPS, DXF and PDF files
 - Sophisticated vectorising capabilities with colour reduction options

Engraving the inside and outside of rings



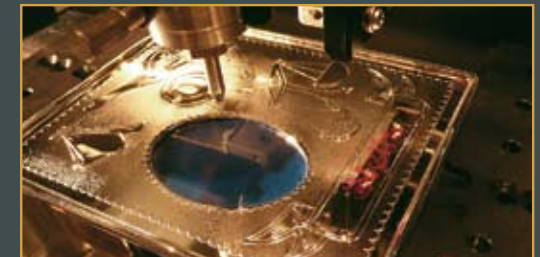
Safe and user-friendly tool to engrave glass



Batch production of name tags



The laser pointer system enables quick sizing and positioning



Full preview function reduces errors





EGX-360

Personalize gifts, trophies and jewellery

The EGX-360 engraves even the most complex designs onto curved, cylindrical, domed, flat and irregular surfaces. It engraves glass, acrylics, woods, metals, silver and many other materials and ensures the production of sharp, clear graphics every time.

The EGX-360 is engineered for continuous use. Furthermore, the machine is easy to maintain and to operate.

The accompanying software is user-friendly and features useful tools. In short, the EGX-360 is the complete engraving solution you need.



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ISO 14001:2004 and ISO 9001:2000 Certified

Roland pursues both environmental protection and continuous quality improvement. Under the philosophy of preserving the environment and human health, Roland is actively working to abolish organic solvents in production, to reduce and recycle waste, to reduce power use, and to purchase recycled products. Roland constantly strives to provide the most highly reliable products available.



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Roland®

AUTHORIZED DEALER:

www.rolanddg.eu



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Specifications

Workpiece-table size	Width x depth: 305 x 230 mm
Cuttable materials: Flat engraving/Cylindrical engraving	Acrylics, aluminum, brass, stainless steel, and glass (*1)
Cuttable materials: Ring engraving (inner or outer surface) (*2)	Gold, brass, silver, etc.
Loadable workpiece weight (when using the motorized vise jaw)	4.3 kg (including the weight of jig)
X, Y, and Z operation strokes	X, Y, and Z: 305 x 230 x 40 mm
Maximum angle of rotation	±18×105° (±5000 rotations) During engraving: ±360°
X-, Y-, Z-, and A-axis drive system	Stepping motor
Operating speed	X and Y axes: 0.1 to 60 mm/sec. Z axis: 0.1 to 30 mm/sec. A axis: 9rpm
Software resolution	0.01 mm/step or 0.025 mm/step
Mechanical resolution	X and Y axes: 0.0025 mm/step. Z axis: 0.00125 mm/step. A axis: 0.045°

Spindle motor	Brushless DC motor, maximum 50 W
Spindle speed	5,000 to 20,000 rpm
Tool chuck	Cutter holder, collet method
Loadable workpiece thickness (When using the flat table)	Maximum 80 mm (78 mm when nose unit is used)
Interface	USB (compliant with Universal Serial Bus Specification Revision 1.1) Serial (RS-232C-compliant)
Internal memory	4 MB
Control command set	RML-1
Required power-supply	Voltage and frequency: AC 100 to 120 V/220 to 240 V ±10%, 50/60 Hz (overvoltage category II, IEC 60664-1) Required power capacity: 1.9 A (100 to 120 V)/0.8 A (220 to 240 V)
Power consumption	80 W
Operating noise	During operation: 60 dB(A) or less (when not cutting), during standby: 40 dB(A) or less (as specified by ISO 7779)
External dimensions	Width x Depth x Height: 755× 639× 675 mm
Weight	84 kg
Installation Environment	Operating environment: Temperature of 5 to 40°C, 35 to 80% relative humidity (no condensation) Ambient pollution degree: 3 (as specified by IEC 60664-1)
Included items	Power cord, depth regulator nose (nose unit), nose-unit retainer (retaining screw, spring), diamond scraper (diameter 4.36 mm), flat table, spare mounting screw (for the cutter holder), wrench, solid collet for diamond scraper (diameter 4.36 mm), solid collet (diameter 4.36 mm), solid collet (diameter 3.175 mm), Cylindrical-engraving adapter, cup cones, face plates, Standard jigs, Pen jigs, water nose attachment, faceplate mounting screws, standard-jig retaining screw, pin jigs, flat-table securing screw, hexagonal screwdriver, hexagonal wrench, handy panel, adhesive sheet, lubricant filter, vacuum adapter for chip cleaning, Dust tray, USB cable, Roland Software Package CD-ROM, Roland EngraveStudio CD-ROM, Roland EngraveStudio Software Guide, and EGX-360 Startup and Maintenance Guide

*1 Cutters or attachments available separately are required.

*2 Jigs and cutters available separately are required.