

Desktop Engraver

EGX-30



The Next Generation of Computerized Engraving

The EGX-30 is the choice for the busy professional who needs a second machine, or the entry-level engraver working on a limited budget, the EGX-30 provides the most cost-effective, computerized solution available for scribing brass for awards and trophies, or engraving dual-coated, micro-thin plastics for professional badges, name plates, key rings and luggage tags. Professional software is included.

Easy to Use

The EGX-30 is as easy to use as a desktop printer. Simply design your badge, nameplate or plaque with Dr. Engrave software. Choose the appropriate tool and Dr. Engrave automatically converts your data to engraving path. Feed rate and spindle RPM can be adjusted with the user-friendly knob on the control panel.

Compact Performer

The EGX-30's low profile, small footprint and amazingly quiet operation make it the perfect desktop engraving device for any office, shop or even the home. Yet it's 305 mm x 205 mm (12" x 8") work area, and industry-standard 3.175-mm (0.125-inch) diameter spindle provides precision performance.

2D Engrave Software

Dr. Engrave gives you the option of using industry standard TrueType fonts. You can also create your own designs or import a Windows bitmap file or Vector Art™ from Roland clipart file. Dr. Engrave features an automatic layout function that allows you to import an Excel database file in CSV format for multiple-plate applications. Dr. Engrave quickly and easily imports your data and permits you to place columns of information into predefined text boxes to produce an entire hospital door-numbering project or nametags for a large company. Compatible with Windows® 95/98/Me and Windows NT®4.0/2000/XP.



The EGX-30 Main Features :

- 305 mm x 205 mm (12" x 8") work area
- Push button surface detecting
- Quiet operation
- Engraving software included
- Windows® 95/98/Me and Windows NT® 4.0/2000/XP drivers
- Rail tracking for smooth engraving



S P E C I F I C A T I O N S

Model	EGX-30		
Table	305 mm (X) x 205 mm (Y) (12 in. x 8-1/16 in.)		
Max. operation area	305 mm (X) x 205 mm (Y) (12 in. x 8-1/16 in.)		
Feed rate	X, Y-axis: Max. 3.0 m (118-1/16 in.)/min. (50 mm (1-15/16 in.)/sec.)		
Mechanical resolution	0.01 mm (0.000394 in.)/step	0.00125 mm (0.0000492 in.)/step (micro-step control)	
Software resolution	0.01 mm (0.000394 in.)/step		
Distance accuracy	Whichever the greater value of ± 0.1 mm (± 0.00394 in.) or $\pm 0.5\%$ of moving distance		
Right-angle accuracy	± 1 mm (305 mm) (± 0.0394 in. (12-1/16 in.))		
Spindle motor	15 W (DC motor)		
Revolution speed	5,000 – 10,000 rpm		
Engraving tool mounting diameter	3.175 mm (1/8 in.)		
Interface	Parallel (in compliance with the specification of Centronics) Serial (under RS-232C standard) Automatic switching		
Instruction system	CAMM-GL II mode2		
Power consumption	0.6 A / 117 V	0.4 A / 220 to 230 V	0.4 A / 230 to 240 V
Acoustic noise level	Operation mode: 70 dB (A) or less Standby mode: 40 dB (A) or less (According to ISO 7779)		
External dimensions	513 mm (W) x 491 mm (D) x 217 mm (H) (20-1/4 in.(W) x 19-3/8 in.(D) x 8-9/16 in. (H))		
Weight	15.5 kg (34.2 lb.)		
Operation temperature	5 to 40 °C (41 to 104 °F)		
Operation humidity	35 to 75% (no condensation)		
Accessories	Power cord: 1, Dust collector hose and duct: 1, Engraving cutter: 1, Engraving-tool holder: 1, Diamond cutter adapter: 1, Hexagonal screw driver: 1, Spanner: 1, Hexagonal wrench: 1, Test material: 1, Adhesive sheet for securing material: 1, Roland Software package CD-ROM: 1, User's manual: 1		

OPTIONS

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

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

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

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