

DE-3



DE-3 ENGRAVER

Elegance, reliability
& precision



The Rayners DE-3 desktop engraver powered by Roland technology, gives you speed, elegance and reliability. Innovative technology with all the build quality you would expect.

Compact yet powerful, the DE-3 Engraver, delivers out-of-the-box Roland technology, with popular, easy to use engraving software & standard industry tools.

Extraordinary product customisation starts here. The DE-3 builds on over three decades of Roland engraving innovation to deliver impressive versatility and fast, user-friendly automated production.

Featuring laser-pointing technology, automatic depth regulation and a host of intelligent enhancements, the DE-3 offers simple set-up and operation to precisely engrave.

- Engrave up to 305 x 230 x 40mm "Z" height access.
- Designed for **simple and easy machine operation**.
- **Precise Engraving**, with auto "Z" (which means it follows the material surface) delivering consistent high quality results.
- Optional extra dust extraction unit auto start/stop swarf extraction.
- Free range of vectorised images, flowers, teddy bears, football clubs and sports supplied during installation and software training. **If you need anything else, we can always create more.**

RANGE OF COFFIN PLATES - WOOD UP TO 40MM, SOLID BRASS, PLUS GLASS, MIRRORS, PRECIOUS METALS WITH ALUMINIUM ENGRAVING LAMINATING WITH DIAMOND DRAG.

We know your machine is an essential tool for your business and that's why all our machines come with a one-year warranty and support from **RolandCare** and **RaynerCare** as standard.

Rayners believe truly effective solutions need excellent customer support. We work closely with you from initial enquiry through to post-sales – delivering a support solution that's second to none – helping you offer an even better service to your customers. Once you purchase a product from us you benefit from our comprehensive support packages: **CreativeCare** and **RaynerCare**.

DESKTOP ENGRAVER

Technical Specifications

Dimensions	
Work table size	305mm x 230mm 12.0079" x 9.05512"
Maximum Work Area (Work Envelope)	305 mm (X) x 230 mm (Y) x 40mm (Z) 12" (X) x 9.1" (Y) x 1.6" (Z)
XYZ Axis Drive System	Stepper motor, 3-axis simultaneous control
Operating Speed	XY axis: 0.1 ~ 60 mm/sec.m
	Z axis: 0.1 ~ 30mm/sec.
Software Resolution	0.004" (0.01 mm) /step
Mechanical Resolution	XYZ-axis: 0.00125 mm/step
Spindle Motor	Brushless DC Motor
Spindle Speed	5,000 ~ 20,000 rpm
Tool Loading	Cutter Holder, Collet Type
Maximum Material Thickness	0 mm (38 mm when using the nose cone)
Connection	USB
Machine Language	RML-1
Power Supply	Voltage and Frequency AC 100V – 240V ± 10%, 50/60Hz (Overvoltage category: Category , IEC60664-1)
	Rated Current 1.0 A
Power Consumption	80 W
Operating Noise	While Operating 60 dB (or less)
Work Table Size	Standby: 40 dB (or less)
External Dimensions	616 mm (W) x 587 mm (D) x 390mm (H)) 2'02" (W) x 1'9" (D) x 1'2"
Machine Weight	35kg (75lbs)
Installation Environment	Indoor use, altitude: 2000m or less
	Temperature: 5 to 40 °C
	Humidity: 35 to 80% (no dew condensation)
	Environment pollution degree: 2
Bundled Accessories	Power cord, power adapter, USB cable, nose cone unit (resin/metal components), nose unit set screw (fixing screw, spring), spare set screw (for cutter holder) , Solid collet (3.175 mm), spanner wrench, hex wrench, hex driver, adhesive sheet, dust collector adapter, DGSHAPE Software Package CD, Setup Guide



RAYNERS

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