Desktop Engraver
DE-3

Featuring laser-pointing technology, automatic depth regulation and other intelligent enhancements, the DE3 is the smartest, most intuitive rotary engraver on the market.

Specifications

Work Table Size	305 mm x 230 mm	
Maximum Work Area (Work Envelope)	X: 305 mm	
	Y: 230 mm	
	Z: 40 mm	
XYZ Axis Drive System	Stepper motor, 3-axis simultaneous control	
Operating Speed	XY Axis：0.1~60 mm/sec. Z Axis：0.1~30mm/sec.	
Software resolution	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	40 mm (38 mm when using the nose cone)	
Connection	USB	
Machine Language	RML-1	
Power Supply	**Voltage and Frequency**	AC100V ± 10%, 50/60Hz (Overvoltage category: Category II, IEC60664-1)
	Rated Current	1.0 A
Power Consumption	80 W	
Operating Noise	While Operating: 63 dB (or less), Standby: 40 dB (or less)	
Machine Weight	35 kg	
Installation Environment	Indoor use, altitude: 2000 m 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 (ø 3.175 mm), spanner wrench, hex wrench, hex driver, adhesive sheet, dust collector adapter, DGSHAPE Software Package CD, Setup Guide	

DGSHAPE

At the forefront of advanced machine manufacturing for 37-years, Roland provides practical and reliable technology with unmatched service and support.

DGSHAPE, A Roland Company, further builds on this reliability promise by improving user experience with fast and effortless engraving machines, designed for those just starting out and for engraving experts looking for a more intuitive solution.

For detailed features and specifications visit www.rolanddg.com.au/DE3

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Roland ENGRAVER DEALER OF THE YEAR

DGSHAPE

DE-3

DGSHAPE Engraver

OVER 30 YEARS OF ENGRAVING EXPERTISE

DGSHAPE continues the legacy of Roland engraving with a new model that features laser-pointing technology, automatic depth regulation, and other intelligent enhancements. The DE-3 is the smartest, most intuitive rotary engraver on the market.

by Roland

Built to Make Engraving Easy

Automated features offer a simplified set-up and operation to quickly and precisely engrave delicate and tough materials.

Fast Production
Advanced surface detection enables quick and simple set-up, while a 20,000 rpm DC brushless motor engraves at top speed.

Laser Pointer
Automatically define the origin point and view a path preview for accurate personalisation every time.

User Replaceable Spindle
Easily-applied nose cones can be added to the spindle to precisely regulate engraving depth and avoid material scratching.

*shown with optional center vise

Dr.Engrave Plus

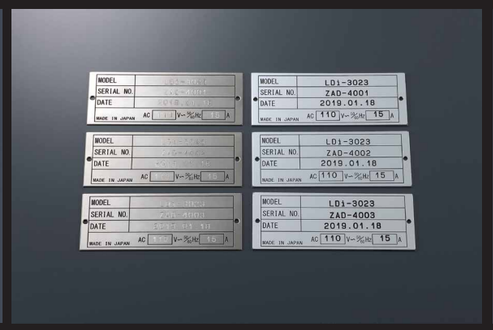
Open Architecture and New Software
The DE-3 works out-of-the-box with popular engraving software, industry standard tools, and materials. It also features Dr. Engrave Plus software that offers new user advantages.

Supports AI files and standard graphic/vector data.

Import Excel and CSV databases for fast engraving of serial data jobs.

Enables standard engraving as well as surface levelling and hole drilling.

Hand-Held Control
Without the need for a computer, users can store job data and perform machine operations.

Discover More Applications with DGSHAPE Engraving

Customise brass, aluminum, copper, engraving plastic, wooden items and more, with the speed, precision and ease of the powerfully compact DE-3.