Desktop Engraver
DE-3

Featuring laser-pointing technology, ethernet connectivity, automatic depth regulation and other intelligent enhancements, the DE-3 is the smartest, most intuitive desktop rotary engraver on the market.

DGSHAPE

DE-3

OVER 30 YEARS OF
ENGRAVING EXPERTISE

Roland continues to break new ground in rotary engraving with the **DGSHAPE DE-3** that features laser-pointing technology, ethernet connectivity, automatic depth regulation and other intelligent enhancements.

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Specifications

Work Table Size	12.0079 in x 9.05512 in (305 mm x 230 mm)	
Maximum Work Area (Work Envelope)	X: 12 in (305 mm)	
	Y: 9.1 in (230 mm)	
	Z: 1.6 in (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	
	Ethernet (10 BASE-T/100 BASE-TX)	
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: 60 dB (or less), Standby: 40 dB (or less)	
Machine Weight	75 lbs (35 kg)	
Installation Environment	Indoor use, altitude: 2000 m or less Temperature 5 to 40℃, 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 by Roland

At the forefront of advanced machine manufacturing for 37-years, Roland continues to provide practical and reliable technology with unmatched service and support.
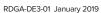
DGSHAPE by Roland further builds on this reliability promise by improving user experience with fast and effortless engraving machines, designed for those just starting out and for engraving experts looking for a more intuitive solution.

For detailed features and specifications visit rolanddga.com/DE-3

JORLINK.com

Roland®

FOR MORE INFORMATION CALL 336-288-1613 OR VISIT WWW.JORLINK.COM
Jorlink USA, Inc. | Greensboro- NC USA

by Roland

Precise. Productive. Profitable.

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 personalization and engraving every time.

User Replaceable Spindle
Easily-applied nose cones avoid scratches to delicate materials and deliver consistently precise results.

Ethernet Connection
Machine operation can be managed remotely—offering LAN network connectivity for multiple machine engraving.

*Optional vice shown

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.

Dr.Engrave Plus

Ai. Supports AI files and standard graphic/vector data.

X Import Excel and CSV files for nametags, serial numbers, and other variable data projects.

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

Handy Panel Control
Without the need for computer setup, users can store job data and perform machine operations.

Discover More Applications with DGSHAPE Engraving
Customize brass, aluminum, copper, engraving plastic, wooden items and more, with the speed, precision and ease of the powerful, compact DE-3.

Reliability and Support
As the world leader in desktop rotary engraving devices, Roland DG offers users unmatched product performance and reliability, backed by industry-leading service and support. The DE-3 comes with a comprehensive One-Year Trouble-Free Warranty.

TROUBLE-FREE 1 YEAR WARRANTY

ENGRAVING

Manuf. Part #	Description	Price
ADA-BUNDLE-MAN	ADA Starter Kit for EGX-350	$4,100.00
AS-10	Adhesive Sheet Hold-down System (pack of 10)	$39.99
BT-125-010	Burnish Tool, 1/8in shnkx4.5in lgthx.010in tip	$17.49
BT-125-015	Burnish Tool, 1/8in shnkx4.5in lgthx.015in tip	$17.49
BT-125-030	Burnish Tool, 1/8in shnkx4.5in lgthx.030in tip	$17.49
BT-171-015	Burnish Tool,11/64in shnkx6.5in lgthx.015in tip	$23.99
BT-171-030	Burnish Tool,11/64in shnkx6.5in lgthx.030in tip	$23.99
C2-125-010K	Carb. Engr Cutter, .010in, 1/8in Shank, W/Knob	$19.49
C2-125-015K	Carb. Engr Cutter, .015in, 1/8in Shank, W/Knob	$19.49
C2-125-030K	Carb. Engr Cutter, .030in, 1/8in Shank, W/Knob	$19.49
C2-125-060K	Carb. Engr Cutter, .060in, 1/8in Shank, W/Knob	$19.49
C2-125-090K	Carb. Engr Cutter, .090in, 1/8in Shank, W/Knob	$19.49
C2-125-125K	Carb. Engr Cutter, .125in, 1/8in Shank, W/Knob	$19.49
C2-125-DGK	Diamond Gravers, non-rotary, 1/8in shank, W/knob	$24.99
C2-125-KNOB	Threaded Brass Knob for 1/8in shank engr tools	$4.29
C2-171-010K	Carb. Tip Engr Cutter, .010in 11/64inShnk W/Knob	$25.99
C2-171-015K	Carb. Tip Engr Cutter, .015in 11/64inShnk W/Knob	$25.99
C2-171-030K	Carb. Tip Engr Cutter, .030in 11/64inShnk W/Knob	$25.99
C2-171-060K	Carb. Tip Engr Cutter, .060in 11/64inShnk W/Knob	$25.99
C2-171-090K	Carb. Tip Engr Cutter, .090in 11/64inShnk W/Knob	$25.99
C2-171-125K	Carb. Tip Engr Cutter, .125in 11/64inShnk W/Knob	$25.99

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C2-171-171K	Carb. Tip Engr Cutter, .171in 11/64inShnk W/Knob	$25.99
C2-171-DGK	Diamond Gravers,non-rotary,11/64in shank, W/knob	$27.99
C2-171-KNOB	Threaded Brass Knob for 11/64in shank Engr tools	$4.29
HS-171-005K	Hi-Spd Steel Cutter 11/64inshnk 6.5in .005in tip	$25.99
HS-171-010K	Hi-Spd Steel Cutter 11/64inshnk 6.5in .010in tip	$25.99
HS-171-015K	Hi-Spd Steel Cutter 11/64inshnk 6.5in .015in tip	$25.99
HS-171-030K	Hi-Spd Steel Cutter 11/64inshnk 6.5in .030in tip	$25.99
MV-2	Multipurpose Vise for EGX-300/350/360/400/600	$719.99
PAR-125-060K	0.060in Parallel Cutter, 1/8in Cut Depth	$25.99
PAR-171-060K	0.060in Parallel Cutter,11/64in Shank,1/8in Depth	$30.99
US-CHIPSYS-C	Chip Extraction Sys. UltraQuiet, 1/2hp w/Accumulator	$719.99
US-ENGRVLAB-9	EngraveLab Expert v9.0 for EGX	$999.00
US-FLTRBAG-A3	Filter bag (3-pk) for chip removal system	$43.99
US-TL125-KIT	Engraving Tool Starter Kit, 1/8in tools with holder	$113.99
US-TL171-KIT	Engraving Tool Starter Kit, 11/64in tools w/holder	$133.99
ZTT-35	T-Slot Table for EGX-350	$229.99
ZV-23A	Vacuum table, PNC-2300	$199.99
ZV-23C	Machine Vise, EGX-350 / EGX-300	$349.99

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