

RX-50

Unique Spiral Axis Engraver

Now you can produce custom, 3D medallions with crisp text and vivid graphics in minutes. Roland's innovative dual-motion technology employs a rotating worktable in conjunction with a high-speed spindle to produce three-dimensional reliefs of stunning, 4-micron precision.

With the RX-50, you can create medallions, coins, dies, promotional items, awards and personalized gifts in less than half the time of conventional engravers. And the RX-50 operates quickly, making it ideal for mall kiosks and jewelry shops.



Features:

- Engraves gold, platinum, silver, titanium, brass, aluminum, acrylic and PVC
- Max. work area: 50mm (2") diameter
- High-speed spindle engraves at up to 50,000 RPM for precision engraving
- 60 micron (0.002") tool path is so fine it is virtually invisible
- Easy-to-use software included
- USB port for fast and easy setup
- Ideal for kiosks -- engrave 3D objects in only 10 minutes.*
- Compact footprint easily fits on a small desk or tabletop

*When engraving a 20mm (0.78") in-diameter brass up to 1mm (0.04") deep

RX-50 Specifications

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Max. Workpiece size	51mm x 51mm (2 x 2 in.)
Max Cutting area	Φ51(Φ2 in.)
Engravable materials	Gold, platinum, silver, titan, brass, aluminum, free-cutting nickel silver*, free-cutting brass**, acrylic, etc.
Feed rate	r:5.5mm/s, θ:96rpm, Z:4mm/s
Acceleration	0.01G
Resolution	r:0.004mm, θ:0.18°,0.0025mm
Spindle motor	DC brushless motor Max. 72W
Revolution speed	3,125 to 50,000 rpm
Possible table load weight	50g or less
Interface	USB 1.1
Dimensions	391mm(W) x 374mm(D) x 359mm(H) (15-3/8(W) x 14-3/4(D) x 14-1/8(H)in.)
Weight	40Kg

* Free-cutting nickel silver: Cu 60%, Ni 15%, Pb 1%, Zn 15%

**Free-cutting brass: Cu 60%, Pb 3%, Zn 25%

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AUTHORIZED DEALER:

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