

MPX-90

Impact Printer



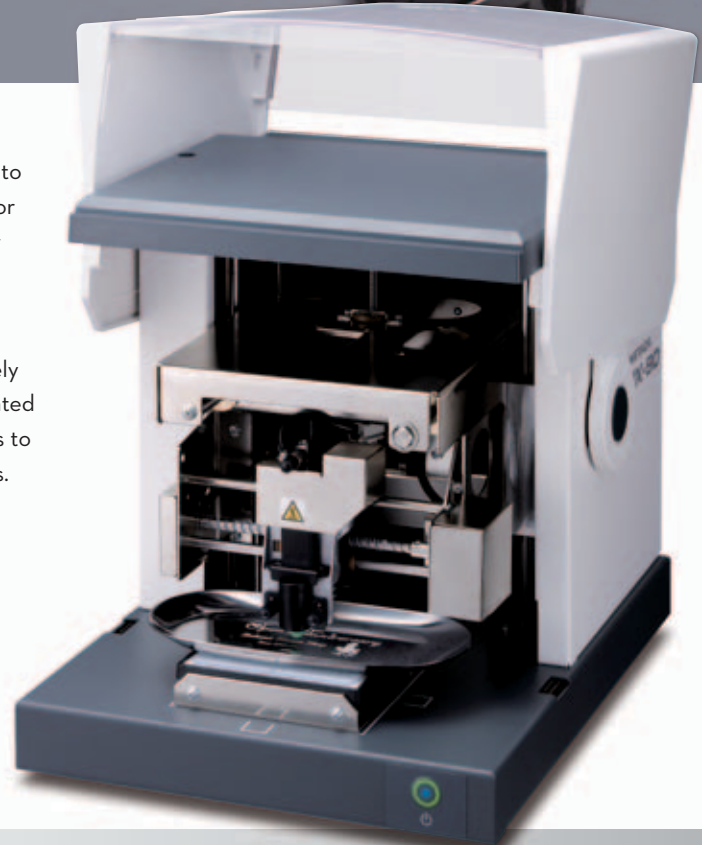
LASTING IMPACT


Roland's most powerful impact printer ever, the MPX-90 is capable of printing on harder materials than any of our previous models. In addition to serving the kiosk, gift and jewelry markets, the MPX-90 is ideally suited for industrial marking applications, including the production of serial number plates and data plates. It can also be used for medical and industrial tool identification and marking.

With two times the force of the previous MPX model, the MPX-90 precisely imprints text, graphics and other data on hard surfaces, including non-plated and unpolished materials. Variable data printing capabilities enable users to automatically apply unique identification numbers to each item in a series.

"The images are crisp, extremely realistic and of much better quality than laser engraving."

Claude Fournier, Owner, Montrehologramme.com



 Watch videos on how to create personalized frames and oversized gift items at www.rolanddga.com/mpx90



Add value to ordinary gifts and accessories with impact printing

Quickly and precisely imprint the smallest of text and graphics on hard metal surfaces

Print on a wide range of surfaces, both flat and curved.

Three easy steps to imprinting with the MPX-90

1 Design - Add text, frames and borders, edit backgrounds, and rotate text and images.



2 Secure item in place - Personalize both flat, curved and extra long giftware.



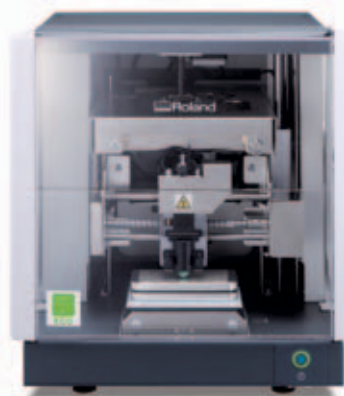
3 Press print - Within minutes, your designs are permanently imprinted.



Exceptional Results

Based on the Roland Photo Marking System (RPMS), the MPX-90 uses a durable diamond-tipped stylus to imprint on a wide range of surfaces, including stainless steel, titanium, iron, nickel, gold, silver, copper, platinum, brass, aluminum, and acrylic. This innovative system strikes the surface to be marked with high speed and precision to reproduce the most delicate gradations of your original design and the smallest of typefaces. The results are exceptional with graphics and fonts that really pop. With the MPX-90, you can mix photos and vector designs for added creativity. The

MPX-90 can imprint both flat and curved items. A fixed X-axis table allows users to insert items of virtually any length when the machine's cover is open.



A Complete Solution

Included easy-to-use engraving and photo design software, METAZA Studio, accepts artwork, design and photos from a variety of sources, including digital cameras, mobile phones, jpg or bmp files, and common design files, such as AI and EPS. Users can add text, frames and borders, remove backgrounds, and rotate text and images. Support for vector graphics allows faster, more precise production of text and line art. METAZA Studio supports industry standard TrueType fonts and comes with a built-in single stroke font editor (SFedit). For automated serialization and data plate production, variable data printing using CSV or TXT files can be imported into a template.



For video tutorials, detailed features and specifications, visit www.rolanddga.com/mpx90

PRODUCT SPECIFICATIONS

MODEL	MPX-90
Printable materials	Gold, silver, copper, platinum, brass, aluminum, iron, stainless steel, acrylic, etc. Vickers hardness (HV) of the printable surface must be 200 or less.
Loadable material size with cover closed	3.94 in. (width) x 7.87 in. (length) x 1.57 in. (thick) (100 mm x 200 mm x 40 mm)
Printable area	3.15 x 3.15 in. (80 x 80 mm)
Resolution	265 dpi (Text), 353 dpi (Photo), 529 (High Resolution), 1058 dpi (Vector)
Print speeds	Text/High Resolution Mode - 1.18 in./sec (30 mm/sec); Photo Mode - 1.97 in./sec (50 mm/sec); Vector Mode - 0.94 in./sec (24 mm/sec)
Interface	USB Interface (Compliant with Universal Serial Bus Specification Revision 1.1)
Power requirements	Dedicated AC Adapter: AC 100V to 240V +/- 10%, 50-60Hz; Machine: DC 19V, 1.6A
Power consumption	Approximately 24W
Acoustic noise level	Under 70dB (A)
Operation temperature	50 to 86°F (10 to 30°C)
Operation humidity	35 to 80% (No condensation)
External dimensions	11.3 in. (width) x 15.1 in. (depth) x 12.2 in. (height) (286 mm x 383 mm x 308 mm)
Weight	23.8 lbs (10.8 kg)
Included accessories	AC adapter, power cord, test print material, USB cable, Software CD-ROM, center vise and user's manual
Operating system (OS)	Windows® XP/Vista/7 (32 and 64 bit editions)
CPU	Pentium 4, 3.0GHz or more recommended
Memory	512MB or more recommended
Optical drive	CD-ROM drive
Video card and display	800 x 600, 16 bit (high color) or more recommended
Required hard disk space	20 MB for software application (more recommended for storing templates and libraries)
Compatible file formats	Dr. Engrave: BMP and DXF (CSV and TXT are compatible for data file import); METAZA Studio: JPG, BMP, AI, EPS (Adobe Illustrator 8.0 export, CorelDRAW)



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