Imagine. **☐Roland**®

Discover new opportunities for gift personalization and industrial plate printing

Use the MPX-90 to give souvenirs, presents and jewellery a personal touch. The machine prints texts, photos and logos in great detail on both flat and curved surfaces. Therefore, the metal printer allows you to personalize watches, pendants, pens, cuff links, jewellery boxes, key chains etc.

The MPX-90 is also suited for industrial applications like the production of name plates and serial number plates. The included software enables you to quickly print variable data like successive serial numbers.

Exclusive but not expensive

METAZA
MPX-90

A unique way to print metals and plastics

The MPX-90 uses a durable diamond-tipped stylus. This stylus is ideal to print on harder metals including iron, titanium, stainless steel, gold and silver.* You can use the machine as well to print on plastics like acrylic.

The MPX-90 is an impact printer, which means that it hammers a text or image in an object without removing valuable material. Given that the MPX-90 doesn't produce dust, you don't need to clean it on a daily basis.

Large, small, flat, curved…

The MPX-90's work area is 80 by 80mm (thickness: 40mm), but the work table is developed to load objects of almost any length. Furthermore, the machine is delivered with vices to secure pens and other curved or flat objects.

* The HV hardness of a material must be 200 or less. Some shapes can't be imprinted. Test the materials prior to production.

Printing at high speed with pin-sharp accuracy

The MPX-90 is fast and accurate. The machine has 2.5 times the imprinting force of its predecessor. Moreover, you can choose from four print modes: text mode, photo mode, high density mode and vector mode. Choose the right mode to achieve perfect results for each print job.

Easy-to-use design software included

The MPX-90 is delivered with METAZA Studio. This user-friendly design software guarantees beautiful results. METAZA Studio accepts designs and photos from a variety of sources including digital cameras, mobile phones, design programs and more. Compatible files are jpg, bmp, Adobe Illustrator© 7/8 ai and eps. The software supports a wide variety of TrueType fonts but also allows you to create your own font.

The MPX-90 is the only metal printer that is delivered with Dr. Engrave software. This software imports variable data (as a txt or csv file), which is extremely useful when you wish to print a series of plates with serial numbers or product specifications.

Model	MPX-90
Imprintable material	Gold, silver, copper, platinum, brass, aluminium, iron, stainless steel, etc. (Vickers hardness [HV] of the printing surface must be 200 or less.)
Loadable material size	Maximum 100 mm (width) x 200 mm (length) x 40 mm (thickness), or 200 mm (width) x 100 mm (length) x 40 mm (thickness)
Printing area	80 mm x 80 mm
Resolution	529 dpi (High resolution), 353 dpi (Photo), 265 dpi (Text), 1058 dpi (Vector)
Printing direction	Unidirectional printing or bidirectional printing (Selectable with Windows driver)
Printing speed (Default)	50 mm/sec (Photo), 33 mm/sec (High resolution/Text), 24 mm/sec (Vector)
Connectivity	USB (compliant with Universal Serial Bus Specification Revision 1.1)
Power requirements	Dedicated AC adapter: AC 100V to 240V ±10% 50/60Hz Machine: DC19V 1.6A
Power consumption	Approx. 24W
Acoustic noise level	Under 70 dB (A)
Environmental	Temperature: 10 to 30°C, Humidity: 35 to 80% (no condensation)
Dimensions	286 mm (W) x 383 mm (D) x 308 mm (H)
Weight	10.8 kg
Included items	AC adapter, power cord, head caps, center vise, adhesive sheet, test-use printing material, USB cable, Roland software CD-ROM, and user's manual, etc.

System requirements for included software: METAZA Studio	
Operating system	Windows® 7 Professional (32-bit or 64-bit); Windows Vista® Ultimate (32-bit), Business (32-bit or 64-bit) or Home Premium (32-bit); Windows® XP Home Edition or Professional
CPU	At least Pentium® 4 3.0 GHz or more recommended
RAM	At least 512MB or more recommended
Video card and monitor	At least 16 bit colours (High Colour) with a resolution of 800 x 600 or more recommended
Free hard-disk space	25MB
Optical drive	CD-ROM drive

Options	Reference	Description
Head unit and head caps for replacement	MPH-90	Head unit and 4 head caps
Cap head for replacement	CAP-HEAD MPX-90	5 pcs.

AUTHORIZED DEALER:

Imagine. ⊟Roland®