

# Multifunctional Engraving Machine

## MAGIC-F300P

MAGIC-F300P is a multi-functional engraver & cutter capable of engraving letters and patterns on jewelry & metal materials such as: gold, silver, copper, stainless steel or on wax, acrylic, wood. Its high Z axis & its size make it capable of large size projects. and its simple directions enable anybody to easily carve things beautifully. Because of its size, this versatile machine is designed not only for artists and crafts use.



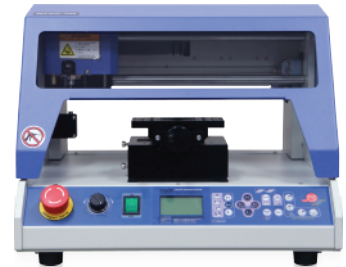
### Specification

Size	470mm(W) x 375mm(H) x 455mm(D)
Max. engraving area	220mm(X) x 100mm(Y) x 38.5mm(Z)
Resolution	(XY)0.005mm / (Z)0.00125mm
Tool Diameter	4mm
Weight	38.5Kg
Spindle Revolution	20,000 RPM
Spindle Motor Power	70W
Power Consumption	120W
Power Supply	AC 100~240V 50/60Hz

### Use

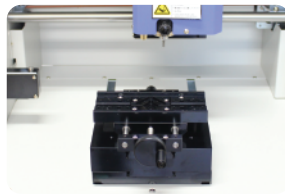
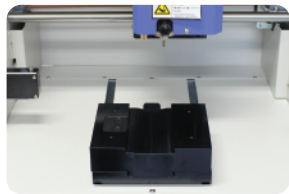
Engraving of jewelry medals, pendants, dog tags, necklaces made of various metals and other industrial materials. Cutting of nameplate necklace made of metals, woods, acrylic materials, engraving in wax.

- A wide flat vise up to 300mm x 200mm
- Ability to engrave on thick material up to 80mm
- It's used for engraving on every type of metal such as gold, silver, copper, stainless steel etc.
- It carves wax, chemical wood etc. in 3D
- Depth regulating nose which engraves on uneven surface.
- Cutting & engraving in symbols, Chinese character, patterns and various marks are available.
- It fastens most material without changing the clamp.
- A larger graphic LCD screen shows machine status and guides machine use.
- Its 5 sensors measure automatically the material and tool for easy cutting & engraving.
- S/W, the MagicArt, is included for easy use.

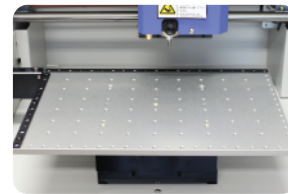


### Replace-able Clamp

- The machine versatility can be expanded by replacing clamps in accordance with the object shape or size – or depending on the material.



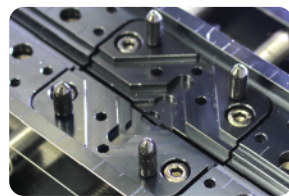
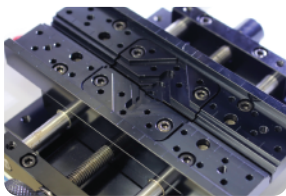
A vise for easy fastening of various shapes/sizes



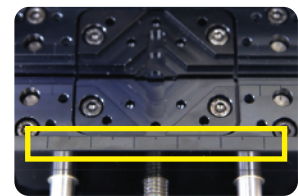
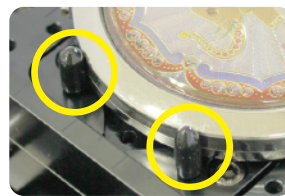
Flat-type clamp (Optional)

### Multi-Purpose Clamp / Pin Holes and Gradation on the Clamp

- A multi-purpose clamp fastens most materials without changing.
- Pin holes on the clamp ensure easier holding of irregularly shaped material.
- Gradation on the clamp also helps easier positioning of material on the clamp.



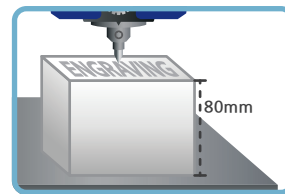
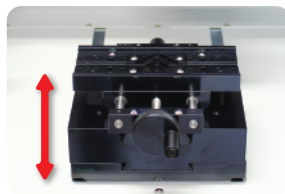
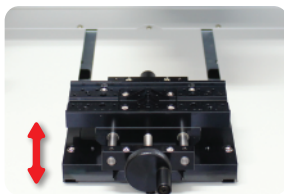
A pored clamp



A graduated clamp

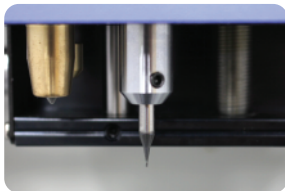
### Vises Adjustability According to the Height of Materials.

- Ability to engrave on thick material up to 80mm



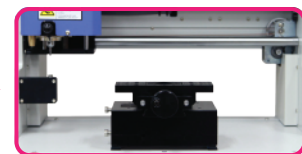
### Endmills or V-Cutters Available for Carving

- Equipped spindle motor enable to use various types of endmills or v-cutters for carving on metal.



### Open Back

- The back of the machine is open to enable engraving of longer materials.



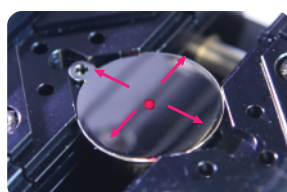
### Equipped With Spindle Speed Controller

- Useful for wax 3D carving.



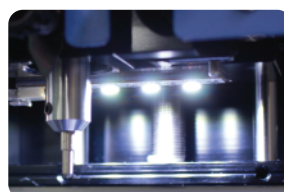
### Laser Pointer

- Its laser pointer points to the area of engraving for easy and errorless positioning.



### Brighter LED Light

- Brighter LED light lights the material for user's clear sight.



### External Power and Communication Port

- A 5V external power port is built-in to control various external accessory devices.

