

4-axes CNC Machine

MAGIC-70

MAGIC-70 is a multifunctional cutting & engraving machine with 4 axes able to engrave on pendant, the inside of ring/bangle, the outside of ring/bangle with beautiful and indelible letters or patterns quickly and easily. It is good for 2D carving on wax, metal, acrylic, wood and metal, 3D carving on wax, chemical wood and is also good for cutting gold, silver, copper, brass, aluminum plate for name necklaces, etc.



Specification

Size	395mm(W) x 375mm(H) x 394mm(D)
Max. engraving area	130mm(X) x 100mm(Y) x 38.5mm(Z)
Resolution	(XY)0.005mm / (Z)0.00125mm / (A)0.028125°
Rotary	Outer Diameter 86mm / Inner Diameter 14~78mm
Tool Diameter	4mm
Weight	32.5Kg
Spindle Revolution	15,000RPM
Spindle Motor Power	27W
Power Consumption	47W
Power Supply	AC 100~240V 50/60Hz

Use

engraving on the inside of ring/bangle, engraving on the outside of ring/bangle, engraving of jewelry products, pendants, baby bracelets, necklaces, carving wax or chemical wood in 3D, cutting of name necklaces.

- 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.
- It fastens most material without changing the clamp.
- 3D carving of cylindrical wax for ring is supported.
- It can engrave on the both inside and outside of ring/bangle.
- A inside-ring/bangle tool(L-Tool) is built in.
- Bangle engraving is available(Max diameter 93mm).
- A larger graphic LCD screen shows machine status and guides machine use.
- An RPM controller is equipped for spindle revolution speed change.
- It's compatible with 2D/3D CAD/CAM SW.

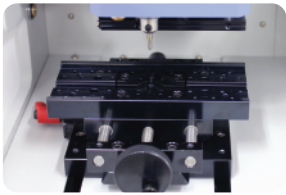


BEST IN CNC TECHNOLOGY

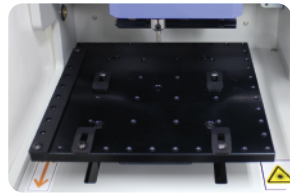


Replace-able Clamp

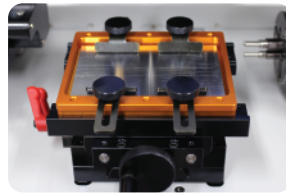
- The machine versatility can be expanded by replacing clamps in accordance with the object shape or size – or depending on the material.



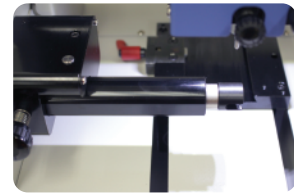
A vise for easy fastening of various shapes/sizes



Flat-type clamp (Optional)



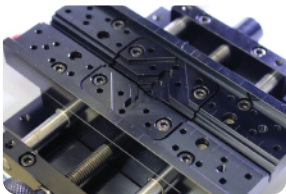
Clamp for name necklace cutting



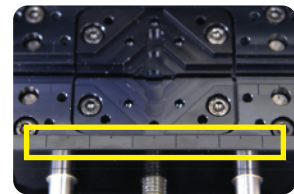
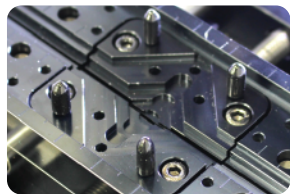
Pen adapter

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.



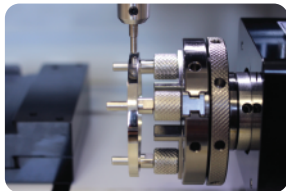
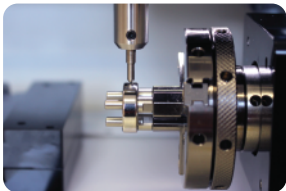
A pored clamp



A graduated clamp

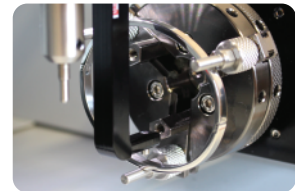
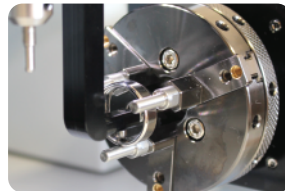
Built-In Tool Holder for Flat and Ring/Bangle Outside Engraving

- Tool for flat and outside of ring and bangle is built in.



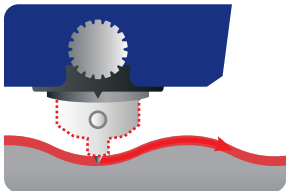
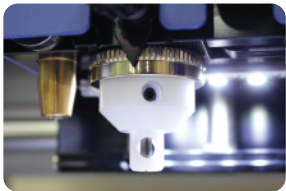
Built-In L-shaped Tool(L-Tool) for Ring/Bangle Inside Engraving

- Inside of ring/bangle can be engraved by using its built in L-shaped tool(L-Tool).



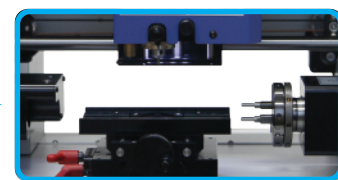
Depth Regulating Nose

- A depth regulating nose which ensures constant depth engraving on uneven surface is supported.



Open Back

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



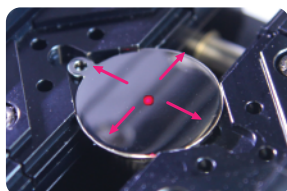
Equipped With Spindle Speed Controller

- Useful for wax 3D carving.



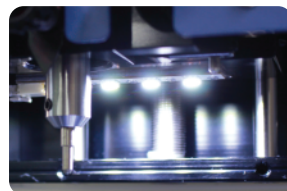
Laser Pointer

- 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.

