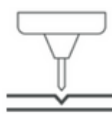| Perfect for Jewelry Engraving	Built-in Camera	Supports Bluetooth Connection	Engraving, Cutting and Carving	Fully Automatic	Built-in Rotary Clamp	Supports MagicEngrave™ Program

MULTIPURPOSE DESKTOP ENGRAVING MACHINE
MAGIC™-E7

MAGIC-E7 is a third-generation engraving machine, developed from the first-and second-generation machines, built for easy and multipurpose use. It is a state-of-the-art engraving machine that produces precise, high quality engraving, cutting and marking results on various products. It offers revolutionary functions and innovative features for fast and easy engraving operations for everyone. It is built with a great structural stability, and a modern aesthetic design that perfectly suits any workshops or workrooms.

It provides a wide range of functions to meet our customers' diverse needs. It is user-friendly, and comes with an easy-to-use software for easy machine operation. It also provides a variety of support tools and device options for fast and easy engraving.
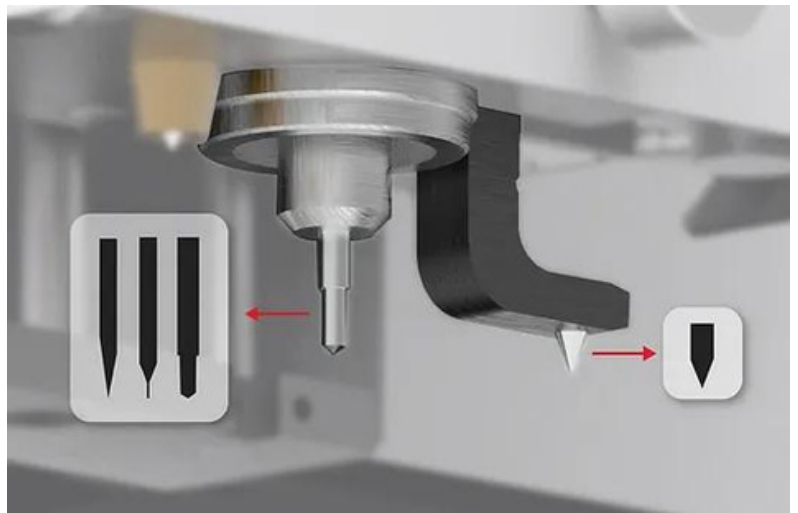

FAST AND EASY ENGRAVING, CUTTING AND MARKING:

MAGIC-E7 is perfect for both flat and rotary engraving. It has an embedded flat clamp for engraving, cutting, and marking on objects such a pendants and plates; and a rotary clamp for engraving on rings, bangles, pens, etc. It is ideal for easy and quick cutting and engraving of various items as shown below:

VARIOUS TOOLS AVAILABLE FOR VARIOUS PURPOSES:

A variety of tools are used to facilitate various purposes for engraving, cutting, and marking.

- The machine facilitates engraving and cutting with the use of a spindle rotation that rotates a tool to process materials.
- It is also ideal for scribing marking where materials are pressed to create a mark.
- The embedded L-tool makes the engraving on the inside of rings/bangles quick and easy.

SUPPORTS VARIOUS ENGRAVING METHODS:

Engraving
Carves materials with endmill or V-cutter in the desired shape and design

Cutting
Cuts out materials with endmill

Milling
Cuts materials in the desired shape and design

Photo Marking
Creates photographs/images in dots

Halftone Engraving
Creates photographs/images by surface processing using a cutter

Drilling
Drills holes in specific distances and depths on material

2.5D Carving
Carves 3D relief models

V-Carving
Creates letters, patterns, etc. in different engraving depths according to thickness using the V-cutter to make them look solid

SUPPORTS CUTTING OF VARIOSUS MATERIALS:

It cuts various materials such as gold, silver, brass, aluminum, wood, acryl, plastics, and waxes into desired forms.

- The machine offers fast cutting performance and improved cross section quality
- It supports different cutting tools like endmill and V-cutter
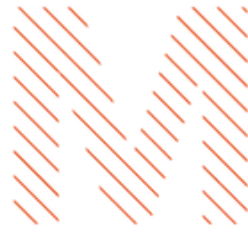
SUPPORT VARIOUS MARKING TYPES:

Hatching Line
Creates horizontal or vertical line patterns at regular intervals

Diagonal/Cross Line
Creates diagonal or X-shaped cross line patterns at regular intervals

Contour Line
Creates line patterns by filling the border lines

Outline
Creates border line patterns

Single Line
Creates single line patterns

Photo Marking
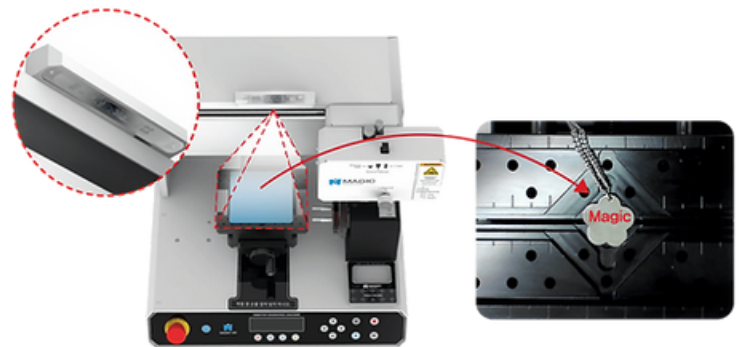Creates photographs/images with dots

EASY CONTROL OF ENGRAVING POSITION:

The embedded camera enables easy control of the engraving position.

The machine enables intuitive operation through the use of an **embedded camera** that directly shows the engraving area on the material.
A laser pointer is also built in for users to easily locate and adjust the engraving position.
It is designed for **quick and easy** engraving for all as no preparation is needed.
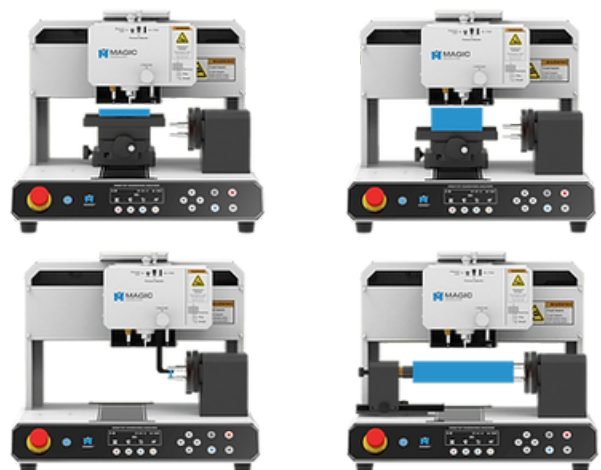
EASY EXPANSION OF FUNCTIONS:

Various detachable devices support the easy expansion of engraving functions.

The pendant clamp can be adjusted for the materials' height to engrave on materials with different thickness.
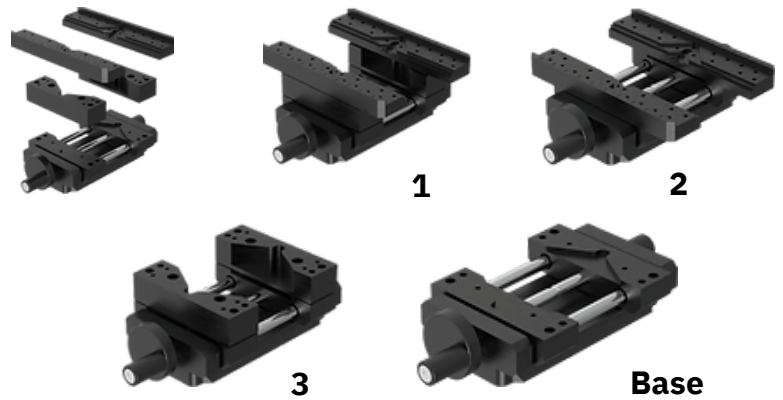
The machine offers various optional devices that are used to firmly hold the materials, and to easily engrave on materials with various forms.

The detachable clamp structure makes switching easy according to the users' intention for use.
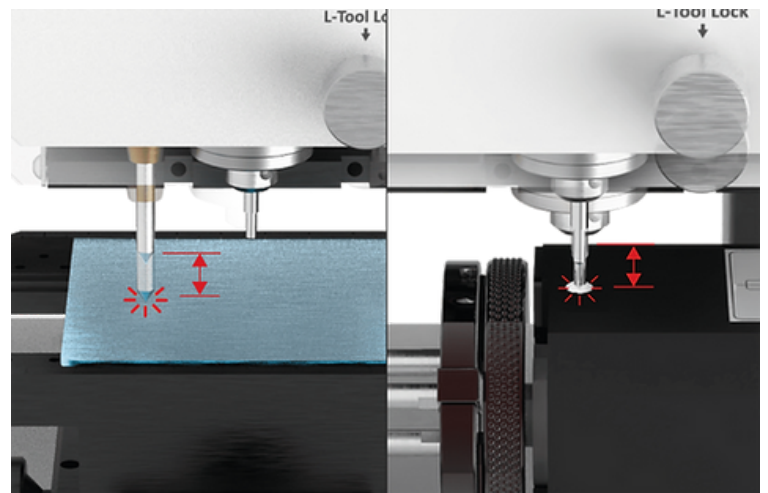
4 IN 1 PENDANT CLAMP:

This multifunctional pendant clamp is easily assembled and disassembled to adjust the height in 4 steps, and can be transformed into 3 different types of clamp structures. This single clamp alone can expand the thickness, size, and shape of materials, and engrave on materials without the use of any additional clamps.

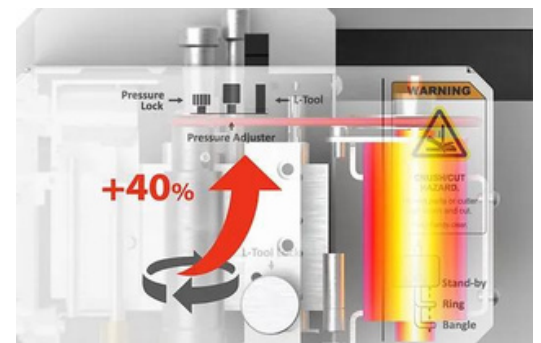**1**   **2**

3   **Base**

AUTO MEASUREMENT:

Auto measurement allows easy use of the machine by automatically measuring the materials and tool.

- The machine has auto measurement sensors that measure the length of the tool and detect the height of the material.
- It sets the tool to its origin point automatically.
- It is designed for quick and easy use as users no longer need to adjust the tools manually.

STRONGER AND HIGHER-SPEED CUTTING PERFOMANCE:

Compared to its previous model, its cutting force is **40% stronger.**
The machine is equipped with a more powerful spindle motor with a spinning capacity of 15,000RPM.
It offers a higher-speed cutting performance, improved cross section quality, and longer lasting, durable tools.
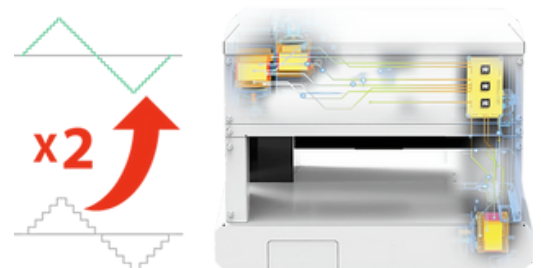

Latest Third Generation Motor Control System
The newly-developed third generation motor control system controls the machine with a resolution that is two times higher than that of its previous model, enabling high-quality, precise and accurate engraving and marking.
The machine has a resolution that is twice as high as the previous models. The designs/images are expressed in a more detailed, precise manner, producing higher engraving and marking quality.
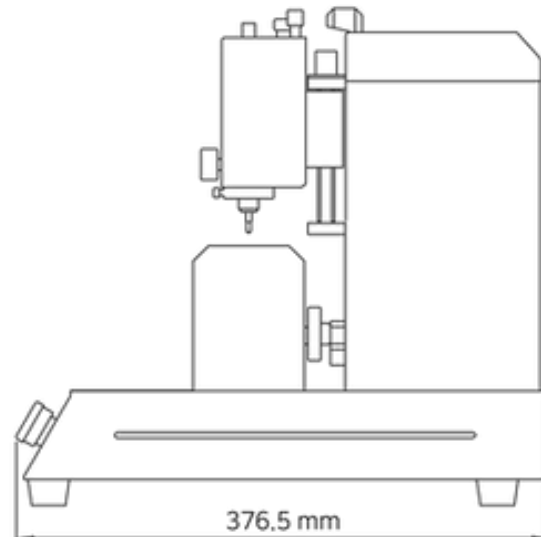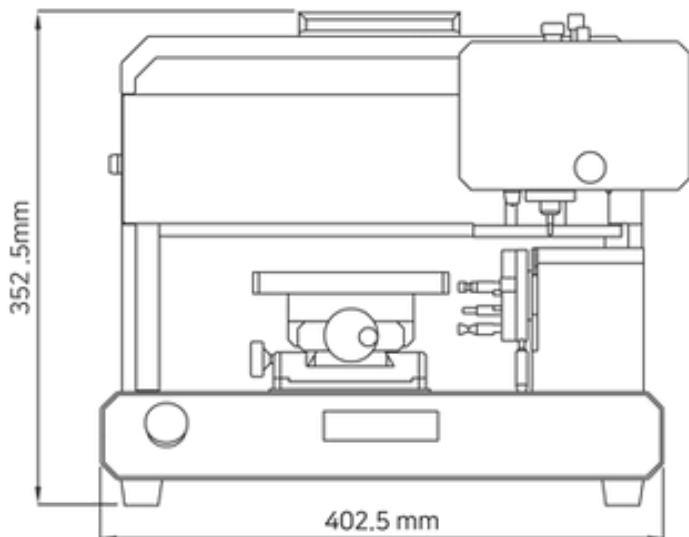The noise level of the machine is greatly reduced to create a favorable working environment.

SMALL AND MODERN DESIGN:

The machine is compact in size, and offers the benefits of less noise and easy installation.
The machine's modern, sophisticated and polished design perfectly suits any workshops/work spaces. It is small, light and easy to install. It is designed to run quietly, smoothly and safely to promote a favorable work environment.

TECHNICAL SPECIFICATIONS:

PRODOTTO	
Model	MAGIC™-E7
Size	402.5mm(W) x 376.5mm(D) x 352.5mm(H)
XYZ axis stroke	238mm(X) x 178mm(Y) x 38.5mm(Z)
Max material height	60mm
MAX. Engraving area	140mm(X) x 100mm(Y) x 38.5mm(Z)
Rotary operating range	Cylinder outside diameter: MAX. 92mm (X)
Spindle Motor RPM	MAX 15,000RPM
Spindle Motor power	38W
Weight	25 kg
Voltage	AC 100~240V, 50Hz/60Hz
Power Consumption	58W
Required Dimensions for installation	422mm
Temperature	15 ~ 40°C
Humidity	10 ~ 90%

BLUETOOTH	Bluetooth BLE(Bluetooth 5.0)/Communication Range:Class 2(32.8ft)/Tx Output:MAX +4dBm/Frequency Band : 2.4 GHz

CE

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