

PRODUCT INTRODUCTION

MIRACLE-M601

Cylinder key cutter

MIRACLE-M601

Key cutter applied with right-angled axis



Specification

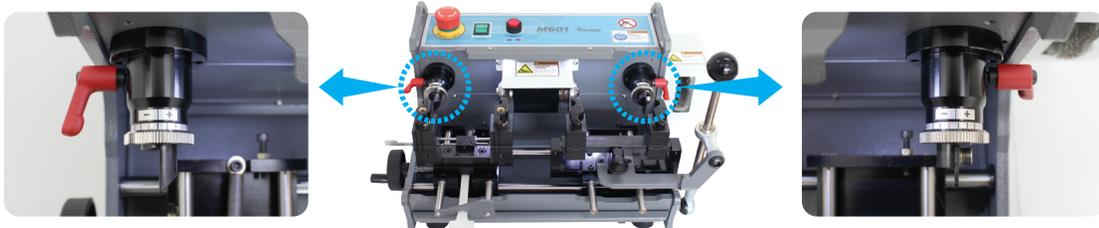
Size	540mm(W) x 320mm(H) x 380mm(D)
Weight	30Kg
Spindle revolution	2,500 RPM (±10%)
Power consumption	160W
Power supply	AC 220V, 60Hz
Wheel diameter	Outside:70mm / Inside: (L)20mm (R)25mm

- Highly durable steel, stronger than aluminum that is used in ordinary key cutters, has been applied and it makes the cutting stable with less vibration and trembling.
- Easy and precise axis setting with dial-typed key guide.
- Right-angled cutting process is applied with orthogonal X, Y axis, not swing action cutting.
- Ergonomically designed feature improves convenience.
- Highly precise spindle minimizes vibration of cutting wheel.
- Embedded FO19 key clamp can copy FO19 keys.
- Ball-bush attached to guide axis minimizes the play of transferring shaft.
- Specially customized high-performance motor is installed.
- Chip-tray makes it easy to clean and remove the chips.



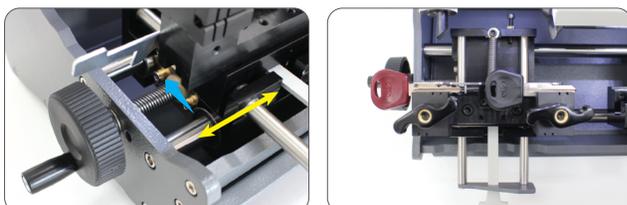
Dial-typed key guide

- Dial-typed, precise key guide sets exact axis point without any play.
- Fine control in 0.05mm unit results with precise axis setting.



Key clamp shifting handle

- Screw-typed clamp shifting handle is installed to ease the minute side movement when cutting keys.



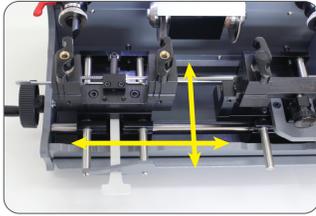
Bit key clamp shifting lever

- System of lever shifting clamp is applied to ease the back and forth movement when cutting bit keys.



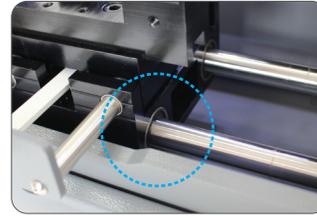
Clamp structured with orthogonal axis

- Systemized the clamp movement in X, Y orthogonal axis, not in swing movement.
- Performs precise key cutting without any depth error.



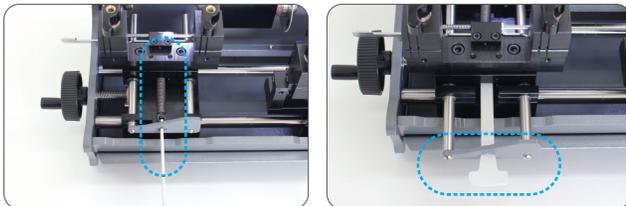
Ball-bush applied to key guide

- The ball-bush applied to key guide has been improved with accurate axis transfer and less vibration.



Semi-automatic key copying function has been added to the key clamp

- This extra function allows even non-experts copy keys with ease.



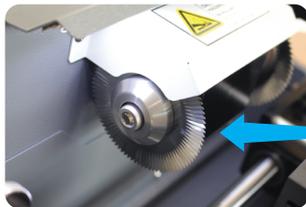
FO19 key copying function

- Special key groove for FO19 key is provided for copying angled-keys.



Highly-precise spindle and high-quality wheel cutter embedded

- Embedded highly-precise spindle improves cutting quality and durability of the cutter by minimizing the vibration of the cutting wheel.
- Carbide wheel cutter performs powerful cutting with high durability.
- Wheel cutter made of HSS material (for cutting bit keys) prevents damage to the wheel cutter from impacts.



Wheel cutter for cutting keys (carbide material)



Wheel cutter for cutting bit keys (HSS material)

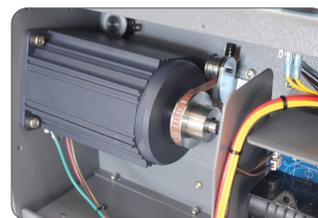
Ergonomically designed features

- Inclined clamp improves safety and convenience.
- Visually spotted cutting edge and blade of keys make users check the target key easily.



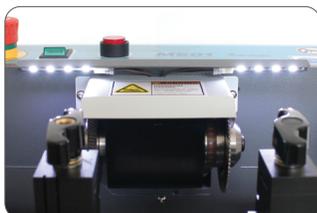
High-performance motor embedded

- Specially manufactured motor with AC 220V, 180W output.



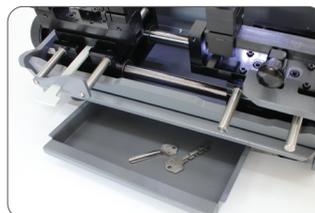
LED lighting embedded

- LED light illuminating on the clamp comforts work of cutting keys.



Pre-installed tray for tool storage

- Pre-installed tray provides convenient tool storage.



Pre-installed chip tray

- The chip tray makes cleaning chips easy.
- Structure of collecting chips inwards makes cleaning chips easy.

