



Matrix One

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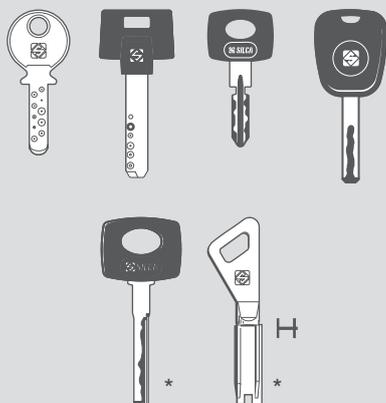
User-friendly, Precise, Versatile

Matrix One, Silca's key cutting machine for laser keys and keys with flat dimple cuts, represents a winning combination of precise and smooth movements, ergonomic and comfortable working area, guaranteeing great performances thanks to the electromechanical gauging system. Matrix One has been designed and manufactured in Italy.



## MATRIX ONE

Matrix One is Silca's key cutting machine for laser keys and keys with flat dimple cuts.



\* Narrow stem vehicle keys and Fichet® type keys can be duplicated with specific Silca's optional adapters.



Matrix One has been designed and manufactured in conformity with CE mark European standards.

## TECHNICAL DATA

**Motor:** Single phase 1 speed motor 230V-50/60Hz

**Power supply:** 230V-50Hz: 0,75 Amp. - 170 Watt

**Movements:** On 3 axes by ball guides

**Cutters:** HSS (Super Rapid Steel)

**Clamps:** Fixed with interchangeable plates

**Runs:** 40 mm (1.57") X axis, 50 mm (1.97") Y axis, 30 mm (1.18") Z axis

### Dimensions:

Width: 310 mm (12.20") (with max. lever encumbrance: 400 mm - 15.75")  
Depth: 400 mm (15.75")  
Height: 470 mm (18.50")

**Mass:** 24,6 Kg (54.23 lbs)



Micrometric ring

### Wide range of keys cut

With Matrix One, you will be able to accurately and easily cut a wide range of laser and dimple keys, without the need of optional accessories. Narrow stem vehicle keys and Fichet® type keys can be duplicated with Silca's specific optional adapters.



Innovative key pad display

### Calibration system

An innovative key pad display facilitates the electromechanical calibration of the machine.

Fichet® is a Registered Trademark.

### Precise, reliable and practical

Matrix One is characterized by electromechanical calibration, centesimal precision in depths adjusting and by a spring loaded tracer point with spring cam to facilitate operations. A micrometric gauge is used for tools alignment and also for adjusting small variations in depths, often necessary to copy worn keys.

### Ergonomic roll-bar

The roll-bar rest for the left hand provides the Operator with ideal and comfortable working conditions.



Roll-bar rest for the left hand



Accessories area and integrated micro-switch button

### Safe and efficient

The lever controlling the movements on the vertical axis (Z axis) has a push button to activate an incorporated micro-switch ensuring greater Operator safety, speed and efficiency.

### Comfortable to use

The led lighting guarantees perfect illumination of the working area. Matrix One features also an easy-to-reach accessories area and a capacious pull-out tool-holder unit located on top and at the bottom of the machine.

## Matrix One - Plus



User-friendly



Precise



Led lighting



Ergonomic



Safe

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