



Matrix Evo S



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The mechanical machine for high quality cutting of dimple and laser keys

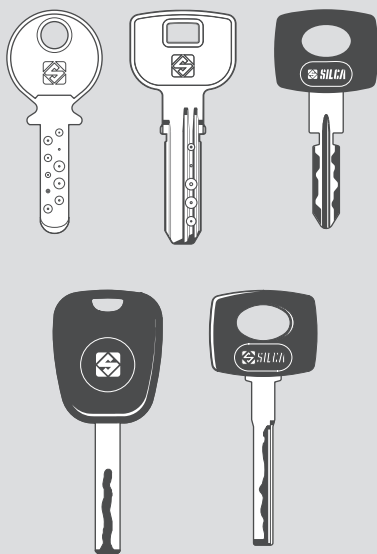
Matrix Evo S is the quality mechanical key cutting machine for dimple keys with flat cuts and laser keys.

The fixed clamp with three positions is designed to easily accommodate different types of keys, whilst the electromechanical gauging system, the smooth and controlled carriage movements and the sprung tracer point with micrometric regulation ensure high quality cutting results.



Matrix Evo S

Matrix Evo S is the mechanical key cutting machine for dimple keys with flat cuts and laser keys with internal, external and double external cuts.



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

Technical Data

Power supply: 230V - 50/60Hz

Cutter motor: single phase and speed

Tool speed: 6000 rpm (for cutters in high speed steel)

Clamp: fixed and removable, with interchangeable plates

Standard tools:

Cutters F1 (dimple keys) and F22 (laser keys) in high speed steel HSS
Tracer points T1 (dimple keys) and T22 (laser keys)
Adapters M for Mercedes® keys type HU64

Movements: on three axes by ball guides

Runs: X axis: 40 mm, Y axis: 50 mm, vertical Z axis: 30 mm

Dimensions:

Width: 310 mm (400 mm with maximum lever operating space), Depth: 400 mm, Height: 470 mm

Weight: 24,6 kg



Gauging control display and exclusive coloured tool collars



Optimized clamp

Optimized fixed clamp for a wide range of keys

Matrix Evo S features a fixed clamp with three different positions for easily installing a wide array of keys: dimple keys with flat cuts (also type Abus®, Bricard®, Cisa®) and laser keys (also type HU66 and Mercedes® HU64). The clamp can be removed without effort thanks to its dove tail shape, facilitating the installation of an extensive range of adapters and optional accessories.

Precise calibration for high quality cuts

The machine is equipped with sprung tracer point and micrometric regulation ring for precise calibration and high quality cutting results. The electromechanical gauging system features an intuitive display for checking the correct setting of the tools before cutting.

Exclusive tool identifying collar

Cutters and tracer points can be easily identified thanks to the coloured plastic collars, red and black respectively, with the name of the tool engraved on. This

patented solution is a Silca exclusive and helps immediately recognize the tool you need to install.

Ergonomic and comfortable to use

The lever of the vertical Z axis has a button that enables you to lower the tracer point/cutter unit. It also integrates the functions of automatic cutter motor start and Z-axis block. This solution ensures more safety for the operator and grants a faster and more efficient use. Knobs and levers feature an ergonomic design, whilst the rollbar allows you to rest the left hand while shifting the carriage lever for better control of the carriage and smoother movements.

Perfect illumination of the work station

The led lights ensure an ideal illumination of the work station.

Practical and capacious accessories areas

The incorporated pull-out accessories tray has 20 moulded positions for lodging cutters and tracer points and a wide space for other

accessories, so your work area will be neat and perfectly organized. A capacious tool area on top of the machine can hold keys and other accessories while cutting.

Safe for the user

The machine features a transparent safety shield and a thermal-magnetic mains switch.



Rollbar for resting the left hand while cutting



Capacious tool holder unit

Matrix Evo S - Plus



Precise calibration



Ergonomic and comfortable



Led lights



Plastic tool collar



Wide accessories holder



Resistant and long-lasting

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