



Matrix Pro



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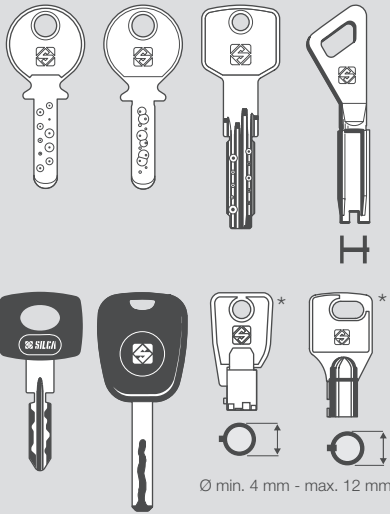
The mechanical machine for high quality cutting of dimple, laser, tubular and Fichet® type keys

Matrix Pro is the quality mechanical key cutting machine for dimple keys with flat and angled cuts, laser, tubular and Fichet® type keys.

The machine features: tilting clamps with four positions for accommodating different types of keys, electromechanical gauging system, quick release tool change, led lights with proximity sensors, aluminium levers and knobs with hypoallergenic coating.

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Matrix Pro is the mechanical key cutting machine for dimple keys with flat and angled cuts, laser keys with internal, external and double external cuts, tubular keys and Fichet® type keys.



* Keys cut with optional tracer point and cutter

CE Matrix Pro 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: tilting 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 F for Fichet® type keys

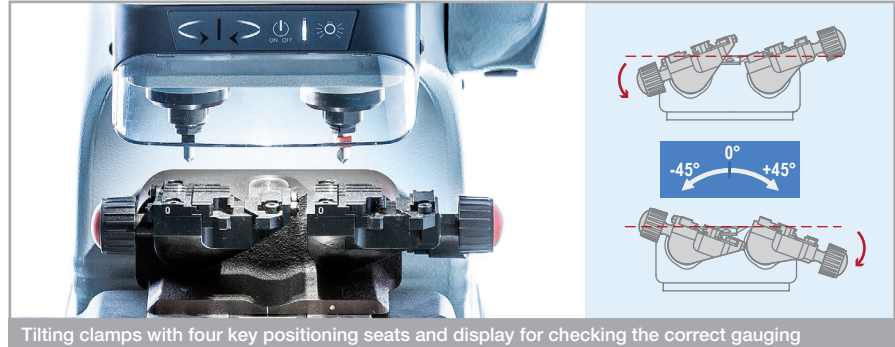
Movements: on three axes by ball guides

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



Tilting clamps with four key positioning seats and display for checking the correct gauging

Optimized tilting clamps for a wide range of keys

Matrix Pro features tilting clamps (0° +/- 45°) with four different positions for easily installing a wide array of keys: dimple keys with flat and angled cuts (also type Abus®, Bricard®, Cisa®), laser keys (also type HU66), tubular and Fichet® type keys.

Precise calibration for high quality cuts

The machine is equipped with sprung tracer point, micrometric regulation ring and exclusive self-aligning pliers for precise calibration and high quality cutting results. The electromechanical gauging system features an intuitive display for checking the tools before cutting.

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 and a hypoallergenic coating. The rollbar allows you to rest the left hand while shifting the carriage lever for better control of the carriage and smoother movements.

Led lighting with proximity sensor

The led lights have a proximity sensor that automatically switches them on and off, for 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.

Time-saving set-up operations

Matrix Pro is provided with a quick release tool change system to facilitate the machine set-up. 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



Tracer point regulation ring and quick release tool change



Capacious pull-out accessories tray

Matrix Pro - Plus



Wide range of cut keys



Precise calibration



Ergonomic and comfortable



Led lights with proximity sensor



Plastic tool collar



Wide accessories holder



Resistant and long-lasting

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