



# Bravo Evolution

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The top-selling Silca mechanical key cutting machine

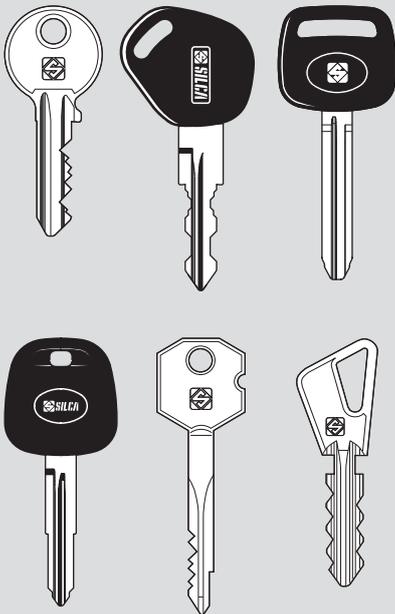
Bravo Evolution is the mechanical key cutting machine for flat cylinder, vehicle and cruciform keys.

It sums up the know-how Silca has developed in over forty years of industry leadership and is a safe bet for the locksmith searching a durable, reliable and practical mechanical key cutting machine. It features three-sided clamps with knobs with dynamometric control system, mechanical tracer point with micrometric adjustment ring nut, and single speed cutter motor.



## Bravo Evolution

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**CE** Bravo Evolution has been designed and manufactured in conformity with CE mark European standards.

## Technical Data

<b>Power supply:</b> 230V-50/60 Hz
<b>Cutter motor:</b> single phase and speed
<b>Cutter:</b> HSS (high speed steel)
<b>Cutter speed:</b> 650 rpm
<b>Standard clamp:</b> 3-sided clamp with dynamometric controlled knob
<b>Movements:</b> on sintered, self-cleaning and self-lubricating bushings
<b>Carriage runs:</b> 42 mm
<b>Dimensions:</b> Width: 400 mm, Depth: 520 mm, Height: 400 mm
<b>Weight:</b> 21,5 kg

### Smooth to handle carriage

Bravo Evolution features smooth and stable carriage movements. Thanks to the special internal mechanism, the plays while shifting the carriage are reduced to the minimum for precise key cutting operations.

### Long-lasting structure

The bushings of the carriage shaft apply a technology used in the automotive industry and are covered with special oils that guarantee better sliding and resistance to wear. Their dust removing system hinders the intrusion of metal chippings while cutting for a longer life and more precise cutting results.

### Easy calibration

The machine is equipped with a mechanical tracer point with micrometric adjustment ring nut (+/- 0,05 mm) for an accurate key cutting.



The carriage is released via a practical push button

### Practical and ergonomic work station

The carriage is released by pressing the red button between the clamps, which automatically activates the cutter for practical and safe key cutting operations. The ergonomic levers and knobs and the neon lamp in optimized position above the key cutting area ensure the work station is comfortable and well illuminated.

### Three-sided clamps

The three-sided clamps are easy to twist off and turn over for accommodating a wide variety of keys. The patented dynamometric clamping system with controlled movement knobs ensure perfect key locking. The grip is balanced and secure to avoid damage to the key and to the clamp due to wrong or excessive pressure.



Mechanical tracer point with micrometric regulation

### Clean working area

Bravo Evolution is unique in having two plexiglas covers that protect the user from metal chips and convey them into the pull-out swarf tray below the machine.

### Dedicated brush start button

The de-burring brush is made of tynex and is turned on via the dedicated switch. It rotates at the same speed of the cutter (650 rpm).

### Safety devices

The on-off switch features a safety cut-out for user protection. The machine needs to be manually re-started after a power interruption. The carriage cannot be released until the gauges have been disengaged for avoiding accidental damage.



Separate switches for turning on the cutter and the brush

## Bravo Evolution - Plus



Smooth carriage movements



Three-sided clamps



Mechanical tracer point



Durable components



Ergonomic work station



Safe for the user

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