

Unocode 399 Plus

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The perfect key cutting machine for locksmiths duplicating master key systems who seek an optimized management of large quantities of keys

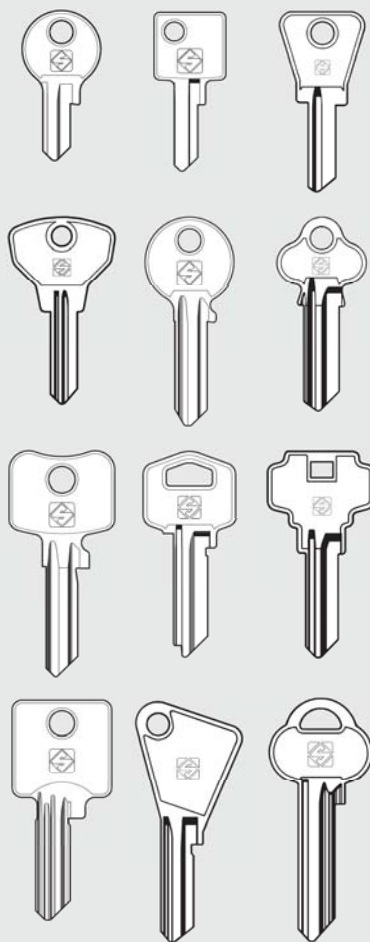
Unocode 399 Plus is the top electronic key cutting machine for cutting by direct and indirect code flat keys.

The machine is designed specifically for locksmiths duplicating large quantities of keys: its spacious working area allows for installing optional accessories which include an automatic feeder, a stacker, and a sorter set to orderly manage the output of cut keys. The machine can work both in stand alone mode or with a PC connection.



Unocode 399 Plus

Unocode 399 Plus is the top electronic key cutting machine for flat keys with metal head. Different key heads are supported with the use of the special plates provided by Silca.



CE Unocode 399 Plus has been designed and manufactured in conformity with CE mark European standards.

Solid structure

Unocode 399 Plus features a well-built structure: the cutter shaft is reinforced and the bushing is entirely made of steel, making the machine solid and durable.



Nickel plated clamp and AlCrN coated cutter

Long-lasting cutter

The cutter is AlCrN coated for a longer life. The metal plate protecting the cutter ensures better resistance to wear and better protection for the operator.

Optimized clamp

The four-sided, nickel plated clamp features a quick-release system for easier rotation and an ergonomic handle. It is rustproof and less prone to wear.

User-friendly software

The software controlling the machine is designed specifically for specialists in the key cutting business and allows to:

- cut keys by direct code (both in stand alone and with a PC);
- cut keys by indirect code (only with a PC);
- create and manage customized data cards via Code Maker (both in stand alone and with a PC);
- copy and manually adjust data cards;
- manage job queues;
- create customized archives and 'favourite cards' lists;
- access the widest key database worldwide and search data cards via different parameters, such as card number, Silca Serial Number, make, indirect code, application.



External start/stop button



Large graphic display

Graphic display

The machine is equipped with a 5.7" coloured display.

Safe for the user

The large safety shield protects the user from swarf and chippings while cutting operations. The machine is controlled by an external device with start/stop push button.

Clean and spacious working area

Metal swarf and chips are collected in a special tray by the side of the machine to help keep the cutting area neat and clean. The spacious working area allows special accessories to be installed with ease.

Optional accessories

Automatic feeder

It automatically processes single sided flat keys with metal head: the key is loaded from the stacker, sent to the clamp, blocked, cut, and delivered in a tray via a funnel. It can cut approximately 360 keys per hour at a speed of one key per 10 seconds (complete cycle for keys with 5 pins).

Stacker

It stacks keys and allows them to be processed by the automatic feeder. It can accommodate up to 95 keys with a thickness of 2,2 mm and up to 60 keys with a thickness of 3 mm.

Sorter set

This set substitutes the tray supplied with the automatic feeder and allows the keys that have just been cut to be orderly arranged in a row. It can accommodate over 100 keys with an average thickness of 2,5 mm. It is also known as the 'FIFO' sorter as it works in 'First In, First Out' mode.

Feeder plates

Silca provides a number of dedicated plates, tailored to the shape of each different key head - to be ordered separately. Customers should indicate the key reference so that we can provide a suitable plate.

Swarf vacuum system

It ensures the working station stays neat and clean by drawing the chips deriving from key cutting directly in a collector via a vacuum system.

Rotating clamp

The V1 rotating clamp allows for operating also on the third axis for angled cuts. Please note that the automatic feeding is not supported when using the rotating clamp.



Machine equipped with automatic feeder, stacker, and sorter set.

<p>Automatic feeder: D736245ZB</p> 	<p>Stacker: D708097ZB</p> 	<p>Sorter set: D736490ZB</p> 
<p>Feeder plates: on demand</p> 	<p>Swarf vacuum system: D736520ZB</p> 	<p>Rotating clamp: D722893ZB</p> 

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The machines above, with raised and lowered shield, are equipped with automatic feeder and stacker.

Technical Data

Power supply	230V - 50Hz
Motor	single phase, one speed
Standard cutter	U01W in AlCrN coated hard metal
Cutter speed	50Hz - 2370 rpm (+/- 10%)
Movements	on 2 axes with ball screws activated by step motors, on rectified roller guides. Possibility to add a 3 rd axis to activate the optional tilting and rotating clamps.
Carriage runs	axis X: 57 mm, axis Y: 32 mm
Clamp	V100 universal four-sided, nickel plated
Dimensions	width: 500 mm depth: 700 mm height: 700 mm (with raised shield: 900 mm)
Weight	51 Kg

Unocode 399 Plus



Resistant hardware and finishing



Long-lasting cutter



Optimized four-sided clamp



User-friendly software



Safe for the user



Automated process



Spacious working area