



**FUTURA AUTO**



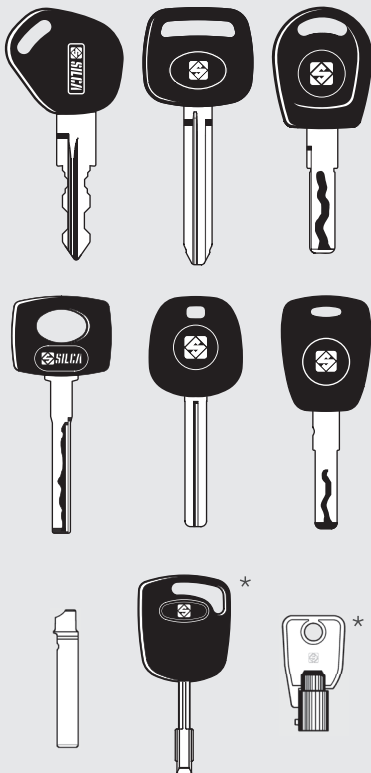
# Futura Auto

*The electronic key cutting machine with two interchangeable clamps for duplicating laser and flat vehicle keys*



## Futura Auto

Futura Auto is the electronic key cutting machine for vehicle laser, dimple and flat keys, both with single and double cuts. With the standard equipment you can duplicate also keys with narrow stems type Mercedes® HU64 and VAG® keys type HU162T. With the optional clamp 03R, you can also cut Ford® keys type FO21, whilst with the 02R clamp you can copy tubular keys for Harley-Davidson® type CH9T.



\* Keys cut with optional accessories

## Optimized cutting station for all vehicle key types

Futura Auto key cutting station is optimized for mounting the 01RA clamp, dedicated to laser key cutting, and the 01VA clamp, for cutting flat vehicle keys. The special dove-tail joint facilitates the installation of optional clamps 03R and 02R.

## Software-guided key cutting procedures

Futura Auto is controlled by a 10" touch-screen tablet that guides you step-by-step through the entire key duplication process. The software tells you what Silca reference you should use with a simple research by make, model and year of the vehicle, and indicates in what side of the clamp you should put the key or



The patented tablet holder can be tilted and can be attached on top of the machine or can be placed on the work bench next to the machine

what jaws you should install. The tablet integrates all the Silca software functions and data that a specialist needs.

## Optimized cutting cycles

The software indicates which cutter from the ones supplied you should use to optimize the

cutting cycle of a laser key. This enables you to maximize cut quality and minimize cutter wear.

## Duplication of broken flat keys

If you need to duplicate a broken flat key, the broken blade can be easily clamped along the groove to be decoded.



Laser key cutting

## Laser key cutting station

- Decoding by electric contact.
- Automatic detection of the tip.
- Pull-out tracer point.
- 01RA clamp equipped with 106 and 107 jaws for fixing most laser keys on the market.
- Compatible with all the Futura optional accessories dedicated to the automotive key cutting.
- Keys are blocked on the neck.
- Cutters supplied: 01LW, 02LW, 06LW.

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Flat key cutting

### Flat key cutting station

- Four-sided nickel plated 01VA clamp with easy-rotation system.
- Automatic detection of the key blank quota.
- The software indicates the clamp side to use for each key reference.
- Keys are blocked on the groove.
- Stability and lack of vibrations while cutting.
- Big gauge for perfectly aligning the keys.
- Cutter supplied: 12L.



Gauge of the 01VA clamp

### Immediate process control

The colour-changing LED lights help you to immediately see the process status.

### Excellent connectivity with 2 USB ports

Futura Auto is equipped with 2 USB ports at the rear: one for the tablet battery charger and one for the tethering connection so the machine and tablet always remain connected and operational. The second USB port can be used to connect the USB flash drive supplied to import code tables or machine software updates.

### Space-saving and portable solution

Futura Auto is compact, lightweight and easy to

carry. Featuring a safety shield that slides within the machine body and an ergonomic grip, it is perfect for small shops and vans.

### Functional and stylish

Futura Auto has a quality and distinctive look and has been designed to make your job more comfortable and practical, thanks to the wide accessories area on the top of the machine, the integrated cutter-holder, and the removable swarf tray below the working area.

### Easy to update

The procedures for updating the machine (via Wi-Fi, via web using Silca Remote Service, using a USB flash drive and via ethernet) are fully software-guided.

### Software functions

#### Fast key search

Finding the correct reference to use is quick and easy with the simplified key search function. Just enter vehicle make, model and year to see the reference and start decoding.

#### Integrated key hook position

This function allows you to import a file with the list of hook positions associated to the Silca keys present in your shop or warehouse. The saved keys are highlighted in green.

#### Key cut preview

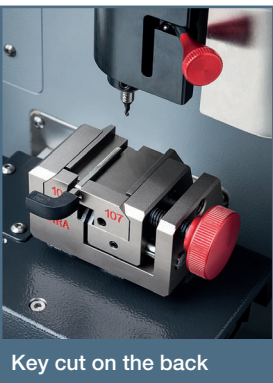
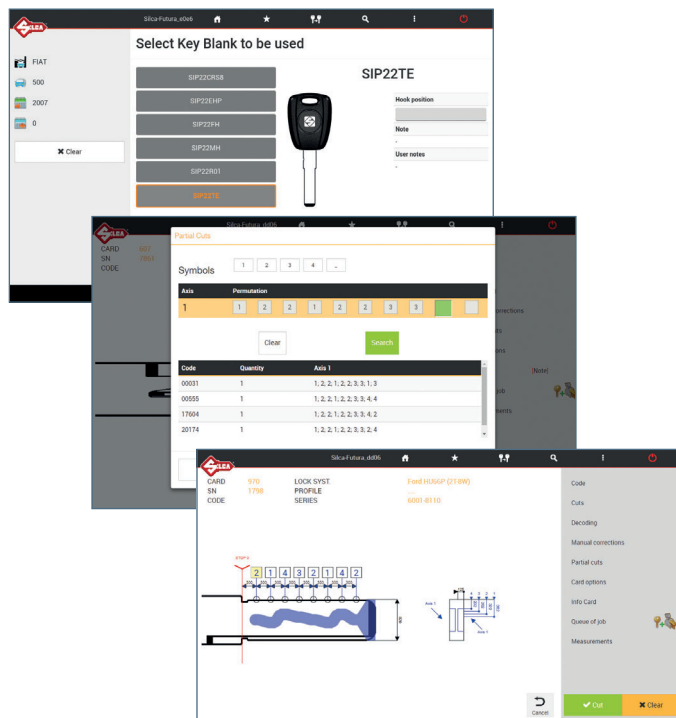
The preview allows you to check and correct the cut of a worn key.

#### 'Partial cuts' function

If part of the blade is missing, the software shows all the possible combination to identify the correct key cuts.

#### Compatible with InstaCode

You can search for the Silca card corresponding to an InstaCode one directly from the tablet.



Key cut on the back



Optimized workstation

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**CE** Futura Auto has been designed and manufactured in conformity with CE mark European standards.

## Technical Data

<b>Power supply</b>	Machine: 24V d.c.- 5,5 Amp. - 130W Power pack: 90/264V a.c. - 50/60Hz - 220W MEANWELL GS220A24-R7B
<b>Cutter motor</b>	24V d.c.
<b>Cutters</b>	12L, in high speed steel (flat cuts) 01LW, 02LW and 06LW, in hard metal, coated (laser cuts)
<b>Tool speed</b>	12100 rpm
<b>Movements</b>	on 3 axes (with special bushes) driven by step motors (on rectified roller guides)
<b>Clamps</b>	01VA clamp, removable, with 4 universal sides (flat cuts) 01RA clamp, removable, with the interchangeable jaws 106 and 107 (laser cuts)
<b>Runs</b>	X axis: 30 mm, Y axis: 50 mm, Z axis: 27 mm
<b>Dimensions</b>	width: 318 mm, depth: 413 mm, height with tablet and stand: 522 mm (without tablet and stand: 340 mm)
<b>Weight</b>	20 Kg

## Futura Auto - Plus



Interchangeable clamp



User-friendly software



Integrated tablet



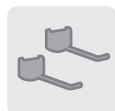
Compact and lightweight



Immediate process control via the lights



Silca quality and design



Integrated hook position



Compatible with InstaCode