



FUTURA *PRO*
UNLIMITED

Futura Pro Unlimited

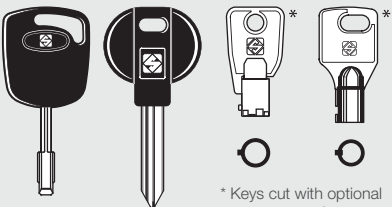
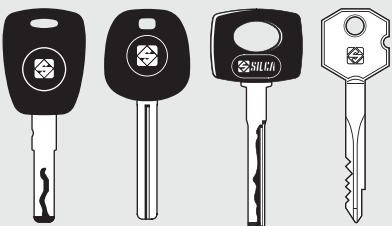
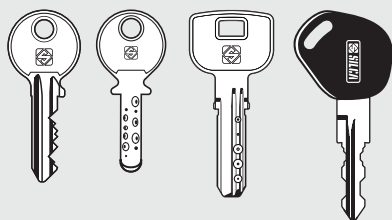
The only electronic key machine with exclusive lifetime software subscription included for duplicating all types of residential and automotive keys and for engraving metal keys, medals and plates



Benefit from Silca expertise and precision for a lifetime with Futura Pro Unlimited: the unique electronic key cutting machine combining two cutting stations and the engraving function in one user-friendly device with software subscription included. Forget about expiry dates and renewals: with Futura Pro Unlimited you will be able to download new software functions and database updates for free during the lifetime of the machine. The machine comes equipped with an aluminium case containing all the necessary tools for engraving and for cutting a wide range of vehicle keys, including Ford®, Simplex®, VAG® and Mercedes® type keys.

Key cutting

Futura Pro Unlimited is the electronic key machine for flat, cruciform, laser, dimple and tubular keys.



* Keys cut with optional accessories

Exclusive double cutting and engraving station

Futura Pro Unlimited is unique in having two cutting stations so flat, cruciform, laser and dimple keys, both residential and automotive, can all be cut using a single machine. The clamp of the laser key cutting station is able to accommodate the special jaws dedicated to engraving for offering your customers another service.

Free lifetime software updates

With Futura Pro Unlimited you won't have to bother with the time-consuming cost and bureaucracy of software subscription. When new software functions, data cards and series are available, you will only need to update the machine.

Practical and easy to use

Futura Pro Unlimited is controlled by a 10" touch-screen tablet, which guides you step-by-step through all key cutting and engraving operations, making it the perfect tool for inexperienced key cutters. The software



Flat and cruciform key cutting station

Flat and cruciform key cutting station

- Decoding via optical reader.
- Copy by original function.
- Resistant prismatic cutter.
- Guided calibration of the cutting station.
- Four-sided clamp with fast rotating solution.
- Ergonomic clamp handle to easily tighten the key securely in place.
- All automotive and most residential keys cut in one cycle.

helps you select the correct key profile or the make, model and year of a vehicle key, it indicates the right tools to use, it shows the available engraving area, etc. The tablet integrates Silca Software's main functions and data, including an extensive range of data cards and code tables.

Fast cutting cycles

Futura Pro Unlimited features optimised cutting cycles thanks to the cutters that reach speeds of 1585 rpm for flat keys and 12100

rpm for laser and dimple keys. The tablet, together with the advanced electronics, deliver the fast response times needed for a high performing machine.

Immediate process control

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

Improved connectivity with 2 USB ports

Futura Pro Unlimited is equipped with 2 USB ports at the rear: one for the tablet

Engraving

Futura Pro Unlimited engraves metal and aluminium keys, key rings, small medals and plates.



Dimple key cutting station



Laser key cutting station

Laser and dimple key cutting station

- Decoding by electric contact.
- Pull-out tracer point.
- Clamp with easy-change, interchangeable jaws means more cost-effective use of accessories and speedier installation.
- The clamp is compatible with the jaws used on Futura, Futura Pro and Triax Pro.
- Automatic calibration of the decoder and the cutting station.



Optimised work station



Special jaws for VAG® keys

Engraving

Optimised engraving for a wide range of keys, small medals and plates

The special jaws 01E and 02E, compatible with the 01R clamp, the plane 4 adapter and the special cutter 18DW are designed to facilitate the installation and the engraving of a vast array of metal and aluminium keys, small medals and plates. The jaws and adapter feature four areas (or planes) for engraving items of different dimensions.

Pre-set user models and guided procedures

The software contains over 220 default user models for just as many Silca references. For each reference, you can select the depth of the engraving, whilst the software indicates the jaw plane you should use.

Management of user models

You can also create customised engraving models through a user-friendly editor that enables you to add text areas and to

adjust their size and position within pre-set parameters.

Optimised procedures with the job queues

The software also manages job queues, with which you will be able to set the cutting/ engraving parameters of a series of keys and, afterwards, process them. Depending on your needs, you can engrave all the keys first and then cut them, or vice versa.



battery charger and one for the tethering connection so the machine and tablet remain connected and operational even when the Wi-Fi connection is lost or unstable. The second USB port can also be used to connect the USB flash drive supplied to import code tables or machine software updates.

Space-saving and portable solution

Futura Pro Unlimited 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 Pro Unlimited 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 cutter-holder behind the flat key cutting station, and the removable swarf tray below the working area.

Software functions

Shortcut function for vehicle key searches

Searching for the right vehicle key cutting code is easy and quick with the card search shortcut function. Just input the first letters and the software will prompt the make and model you're looking for.

Key cut preview

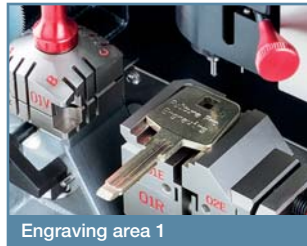
The preview allows you to check and correct the cut for a worn key. This function is available for flat, laser and dimple keys.

Easy to update

The software leads you step-by-step through all the operations for updating the machine (via Wi-Fi, via web with Silca Remote Service, and via ethernet).

Silca Software Interface

The software includes the Silca Software Interface (SSI) function, allowing you to upload XML Keso® and DAT format files for running the production of master key systems.



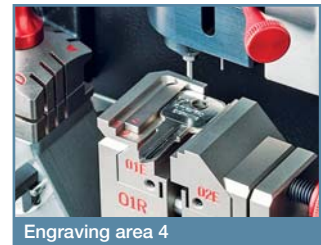
Engraving area 1



Engraving area 2



Engraving area 3



Engraving area 4

Equipment included

The machine comes with an aluminium case that includes a number of accessories for growing your automotive and engraving business:

- the 03R clamp for Ford® keys,
- the B6 adapter for Simplex® keys,
- the A34 adapter for Ford® and Mercedes® keys,
- the 04J jaw for BMW® and Mercedes® keys,
- the 19J jaw for Audi®, Ford® and Volvo® keys,
- the 56J and 57J jaws for VAG® keys,
- the 01E and 02E jaws for engraving,
- the plane 4 adapter,
- the 02LW, 06LW and 18DW cutters.



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dormakaba Group



CE Futura Pro Unlimited has been designed and manufactured in conformity with CE mark European standards.

Technical Data	
Power supply	Machine: 24V d.c.- 5,5 Amp. - 130W Power pack: 90/264V a.c. - 50/60Hz - 220W MEANWELL GS220A24-R7B
Cutter motor	24V d.c.
Prismatic cutter	01F, in HSS super rapid steel, TiCN coated (flat cuts)
Cutters	01D, in HSS super rapid steel (dimple cuts) 01LW, 02LW and 06LW, in hard metal (laser cuts) 18DW, in hard metal (engraving)
Tool speed	Prismatic cutter (flat cuts): 1585 rpm Cutter (dimple/laser cuts and engraving): 12100 rpm
Movements	on 3 axes (with special bushes) driven by step motors (on rectified roller guides)
Clamps, jaws and adapters	01V clamp, removable, with 4 universal sides (flat cuts) 01R clamp, removable and compatible with the interchangeable jaws: - 01J, 02J, 04J, 19J, 56J and 57J (dimple/laser cuts) - 01E and 02E jaws and plane 4 adapter (engraving) 03R clamp, removable, for duplicating Ford® type keys B6 adapter, removable, for duplicating Simplex® type keys A34 adapter, for duplicating Ford® and Mercedes® type keys
Runs	X axis: 30 mm, Y axis: 50 mm, Z axis: 27 mm
Dimensions	width: 318 mm, depth: 413 mm, height with tablet and stand: 522 mm (without tablet and stand: 340 mm)
Weight	20 Kg

Futura Pro Unlimited - Plus

							
2 in 1 machine	Engraving function	Free lifetime software updates	Integrated tablet	Compact and lightweight	User-friendly software	Immediate process control via the lights	Silca quality and design