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dormakaba Group

UNOCODE *F600*

THE UNIQUE ELECTRONIC KEY MACHINE FOR **CUTTING AND ENGRAVING FLAT KEYS**

Designed for specialist locksmiths, Silca's Unocode F600 cuts and engraves flat keys in a significantly optimized process, improving the speed and quality of service to your customer. Keys can be decoded by simply dropping them in an innovative camera reader, whilst residential keys and vehicle keys with metal head can be engraved and cut in one go, without wasting time on installing separate tools or manually moving the key.

KEYS CUT WITH THE V2 CLAMP



KEYS THAT CAN BE ENGRAVED



Keys must be metal (not aluminium) and mustn't have plastic heads.
Silky keys can be engraved.



CE Unocode F600 has been designed and manufactured in conformity with CE mark European standards.



USER-FRIENDLY SOFTWARE INTERFACE

- Intuitive software interface developed for the needs of professional locksmiths, with shortcuts to the most used cutting cards and job queues
- Works in stand-alone
- Compatible with SKP Pro to work with existing data archives and Codemaker cards

PROFESSIONAL DISPLAY

- Integrated, industrial 10-inch, touch-screen display
- Tilts to give the perfect viewing angle
- Immediate response to the touch (0,01 seconds)
- Colour display with a resolution of 1280x800 pixels

FULL CONNECTIVITY

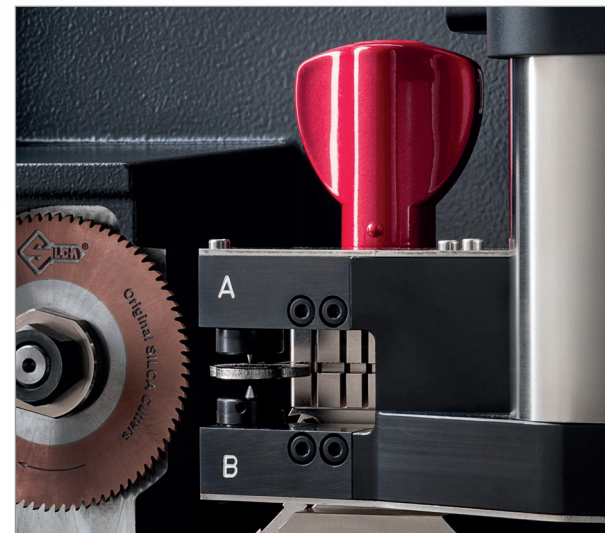
- Connection both via Wi-Fi and via Ethernet to the local LAN Network
- 4 USB ports (2 ports 3.0 + 2 ports 2.0)
- HDMI port to connect an external screen
- Possibility to connect a wireless keyboard and mouse





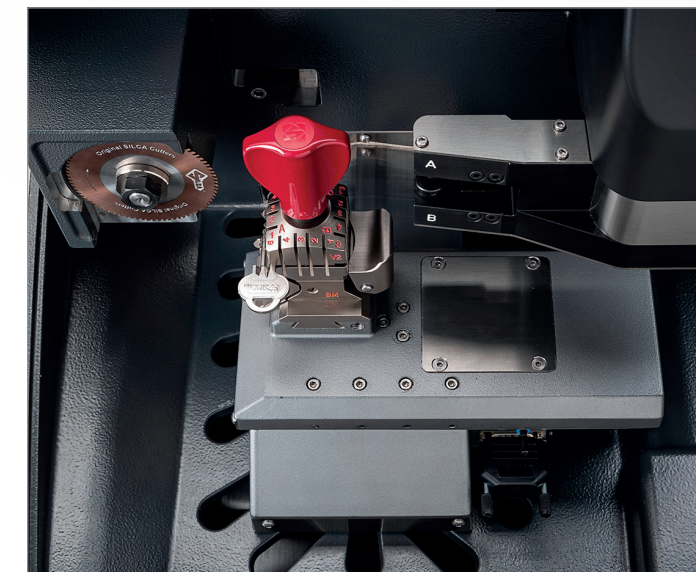
CLEANER, SAFER AND MORE COMFORTABLE WORKING AREA

- The machine is completely enclosed: swarf is collected in the tray below the cutting area to leave the working area clean
- The safety shield closes and opens automatically when starting or ending a cycle
- The shield features two microswitches and stops automatically if obstructed to give additional protection
- 55% bigger working area compared to previous models for easier operation



TOP PERFORMANCE AND AUTOMATED, DOUBLE-SIDED MARKING

- Prismatic cutter and engraving cutters are made of hard metal for precise results and resistance to wear
- Process time is dramatically reduced: no need to install a separate tool or to move the key manually for engraving
- Both key sides can be independently marked



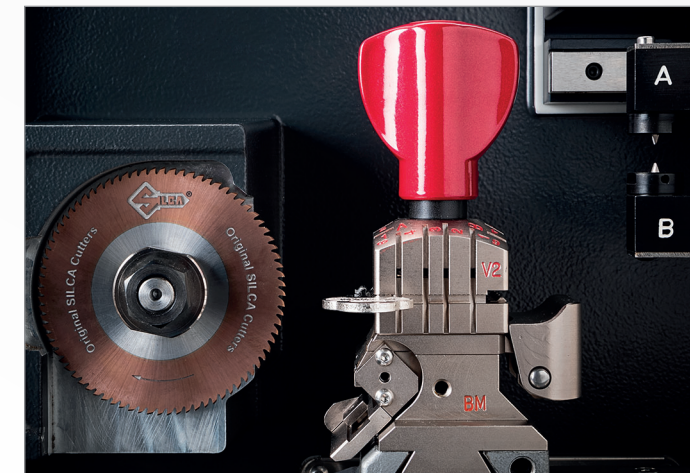
QUIET

- New structure optimized to absorb vibrations and noise
- Less vibrations thanks to the new 80 teeth cutter in hard metal (widia)
- A completely enclosed working area reduces noise during marking and cutting



CAMERA READER FOR FAST OPTICAL DECODING

- Unique, patent-pending solution for immediate decoding
- No positioning needed: just drop the key in the pull-out compartment
- The software shows the difference between the depths read and the depths defined by the manufacturer
- Double-sided keys with asymmetrical cuts and single-sided keys with protrusions such as ball bearings or other patented design elements cannot be decoded



FOUR-SIDED, VERSATILE CLAMP

- Four-sided clamp for optimized blocking of a wide variety of keys, both with head and tip stop
- Ergonomic and dynamometric knob for an easy key installation
- Nickel plating for better resistance to rust and wear
- Wide gauge with mobile stop fits keys with tip stops perfectly
- The software shows which clamp side and which stop you should use

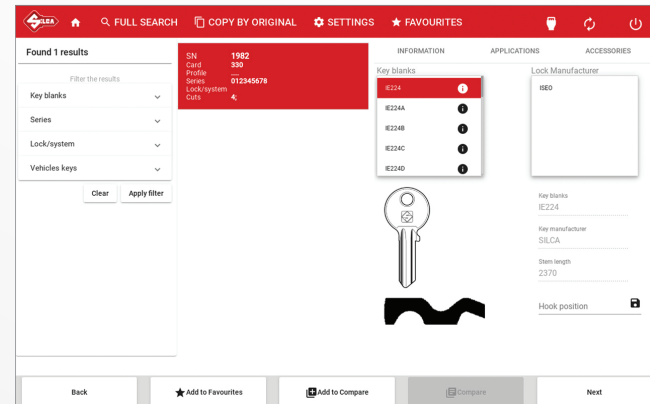
UNOCODE F600 SOFTWARE

For the Unocode F Series key machines we have developed an entirely new software, engineered specifically to make your job easier and quicker. The new interface can also be customized according to your needs, so that you can keep within easy reach the functions you use most frequently.

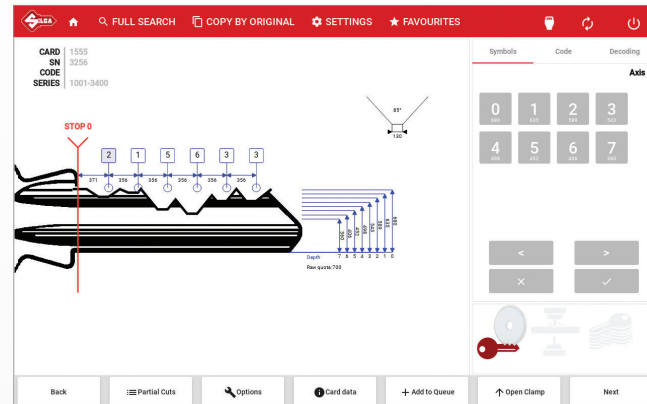
- Cutting cards comparison available on board
- Cutting cards shortlist*: when decoding a key, you don't have to select a cutting card first. The camera reader decodes the key cuts and provides you with a shortlist of cards from which you can choose the one you need
- Code tables available on board*
- Customize your favourites: you can rename the cutting cards you use most frequently and reorder them according to your needs
- Onboard video tutorials and product manual
- Remote service to support you when needed

* Coming soon with a software update

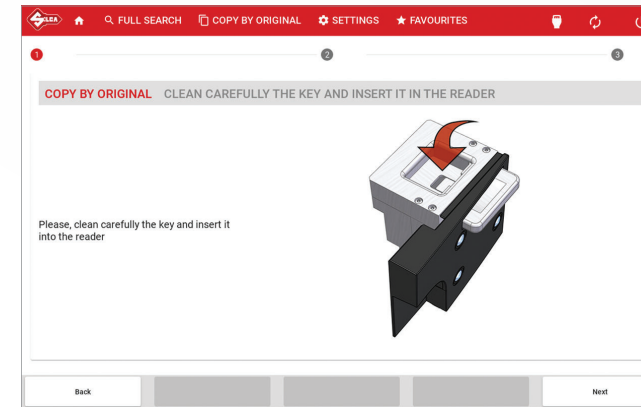
CUTTING CARD



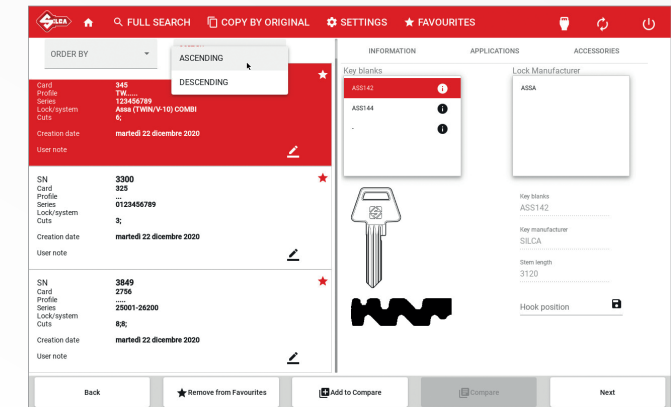
CUT PREVIEW



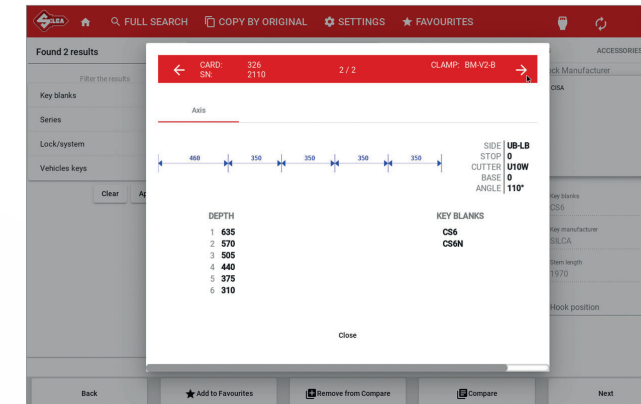
CAMERA READER




FAVOURITES




CUTTING CARD COMPARISON







Performance




Video Help




Compatible with SKP Pro



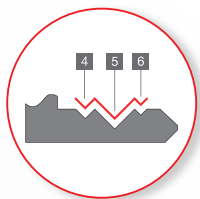
Remote Assistance



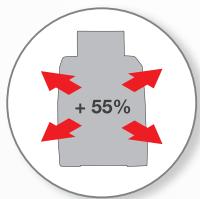
Speed



Safety

**UNOCODE F600
IN NUMBERS**

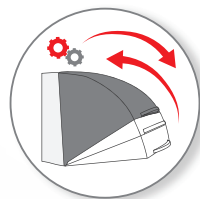
50% faster
key decoding



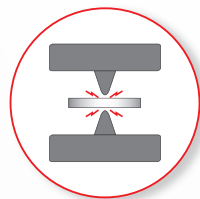
55% bigger
working area



10" display
industrial grade

**PATENT PENDING
SOLUTIONS**

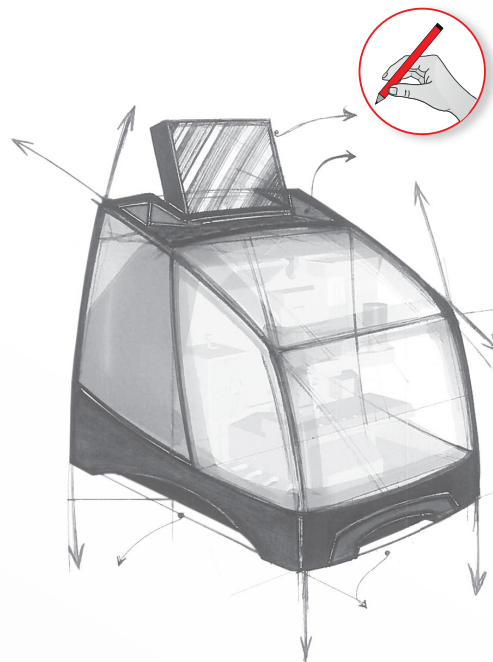
Automatic opening and
closing of protection shield



Fully automatic engraving
on both key sides



Integrated
camera reader

**REGISTERED
COMMUNITY DESIGN**

Protecting the
Unocode F Series
design in all its
versions

TECHNICAL DATA

Electricity supply	100-240V - 50/60Hz
Cutter motor	48VDC
Engraving motor	24VDC
Key cutter	Prismatic in coated hard metal (widia)
Engraving cutters	Upper cutter 'A' in coated hard metal (widia) Lower cutter 'B' in hard metal
Tool speed	Prismatic cutter: 1070 rpm Engraving cutters: 14500 rpm
Movements	On 2 axes with ball screws activated by step motors on ground roller runners. Rotating axis available with optional clamp
V2 clamp	With 4 sides, closes perfectly keys fitted on their backs or on the profile if the key has symmetrical cuts
Runs	With clamp: X axis: 30 mm, Y axis: 72 mm Keys with head stop: Y axis: max. 45 mm (by copy and by code) Keys with tip stop: Y axis: max. 45 mm (by copy and by code)
Dimensions	Width: 502 mm - Depth: 740 mm - Height: 680 mm
Weight	58.6 Kg

In compliance with current regulations relating to industrial property, we hereby state that the trade-marks or trade names mentioned in this document are the exclusive property of authorized manufacturers of locks and users. Said trade-marks or trade names are nominated only for the purposes of information so that any lock for which our keys are made can be rapidly identified. This document is reserved exclusively for professional key cutters who use Silca products. / All information and illustrations in this document are for guidance only. Silca reserves the right to alter products designs, dimensions or info to improve the products quality. The contents of this document are fully protected by Copyright and may not be copied or reproduced in any form, without written permission from Silca S.p.A. Any controversy shall be settled by the Courts of Justice where the company has its headquarters, with express exclusion of any other court.