



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

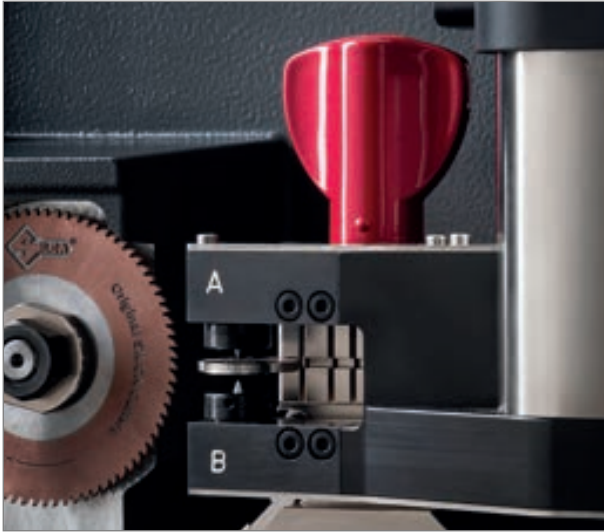




CLEANER, SAFER AND MORE COMFORTABLE WORKING AREA

- 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

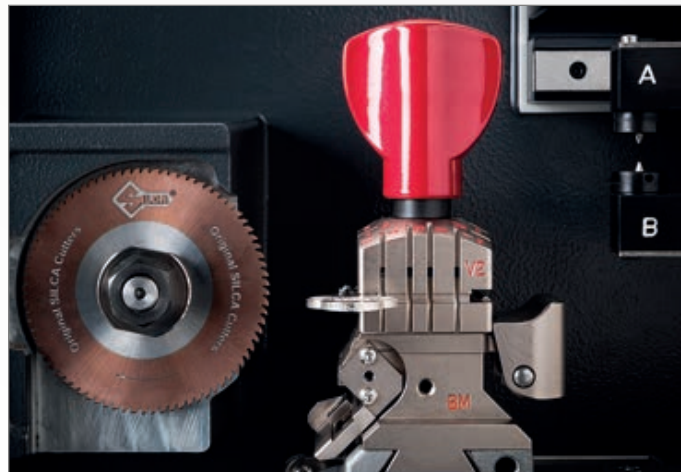
- New structure optimized to absorb vibrations and noise
- Less vibrations thanks to the new 80 teeth cutter in hard metal (widia)
- A completely enclosed working area reduces noise during marking and cutting



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

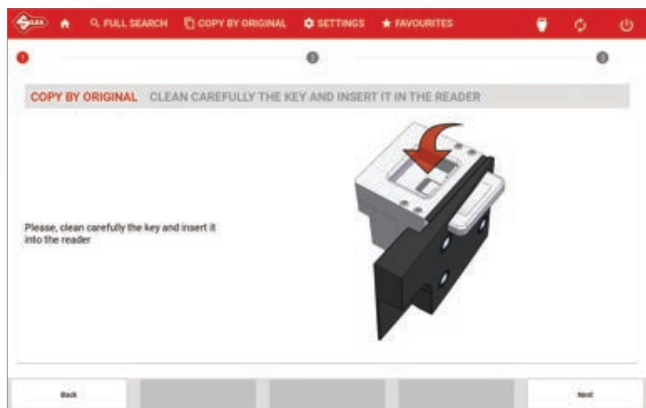
CUTTING CARD



CUT PREVIEW



CAMERA READER



FAVOURITES



CUTTING CARD COMPARISON



Performance



Video Help



Compatible with SKP Pro



Remote Assistance

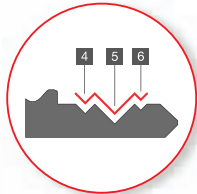


Speed

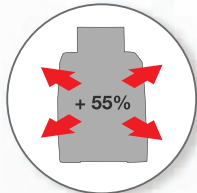


Safety

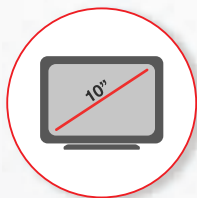
UNOCODE **F600** IN NUMBERS



50% faster
key decoding

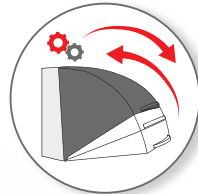


55% bigger
working area

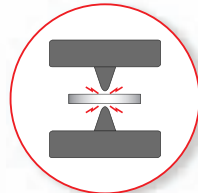


10" display
industrial grade

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

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ITALY AND OTHER
COUNTRIES
SILCA S.p.A.
Via Podgora, 20 (Z.I.)
31029 VITTORIO VENETO (TV)
Tel. +39 0438 9136
Fax +39 0438 913800
E-mail: silca@silca.it
www.silca.biz - www.silca.it

GERMANY
SILCA GmbH
Siemensstrasse, 33
42551 VELBERT
Phone: +49 2051 2710
Fax +49 2051 271172
E-mail: info@silca.de
www.silca.de

UNITED KINGDOM
SILCA Ltd.
Unit 6 Lloyds Court
Manor Royal
CRAWLEY RH10 9QU
Phone: +44 1293 531134
Fax +44 1293 531108
E-mail: sales@silcald.co.uk
www.silcald.co.uk

SPAIN
SILCA KEY SYSTEMS S.A.
C/Santander 73A
08020 BARCELONA
Phone: +34 93 4981400
Fax +34 93 2788004
E-mail: silca@silca.es
www.silca.es

FRANCE
SILCA S.A.S.
12, Rue de Rouen
Z.I. Limay-Porcheville
78440 PORCHEVILLE
Phone: +33 1 30983500
Fax +33 1 30983501
E-mail: info@silca.fr
www.silca.fr

BENELUX
H. CILLEKENS & B.V.
Metaalweg, 4
6045 JB ROERMOND
Phone: +31 475 325147
Fax +31 475 323640
E-mail: info@hcillekens.nl
www.hcillekens.nl

UNITED KINGDOM
ADVANCED DIAGNOSTICS Ltd.
Eastboro Fields
Hemdale Business Park
CV11 6GL NUNEATON
Phone: +44 2476 347000
Fax + 44 2476 347100
E-mail: sales@advanced-diagnostics.com
www.advanced-diagnostics.com



dormakaba Group