

**ilco**

**UNOCODE** *F800*

## MAKE EVERY MINUTE COUNT WITH SILCA'S UNIQUE UNOCODE F800

Designed for specialist locksmiths, Silca's latest electronic key cutting machine automates and simplifies the complete key duplication process to improve the speed and quality of service to your customer. Faster key duplication means significantly improved returns on each key sold for you.

The exclusive Unocode F800 is the truly all-in-one solution for duplicating by code flat keys, automating the key feeding, engraving, cutting and sorting leaving you free to manage your next customer.

### KEYS CUT WITH THE V4 CLAMP



### KEYS AUTOMATICALLY PROCESSED WITH STACKER, FEEDER AND SORTER



### KEYS CUT WITH THE OPTIONAL V2 CLAMP



Unocode F800 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



## QUIET

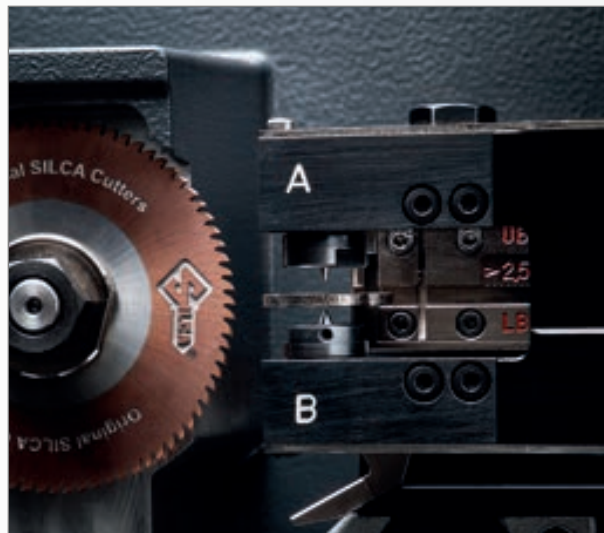
- New structure optimized to absorb vibrations and noise
- Less vibrations thanks to the new 80 teeth cutter in hard metal (widia)
- A completely enclosed working area reduces noise during marking and cutting

## TOP PERFORMANCE

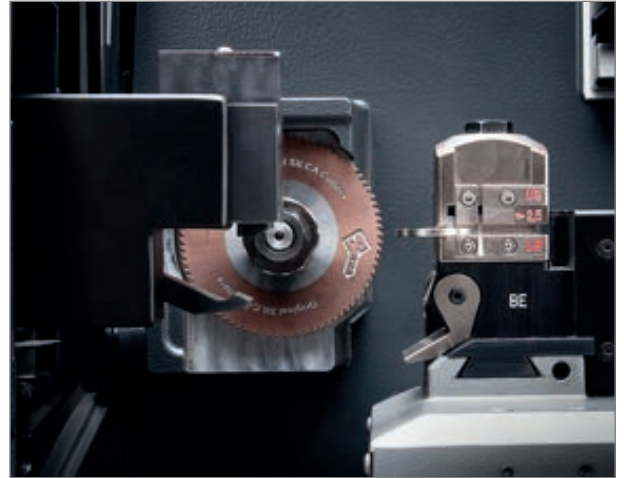
- Precision cutting and engraving
- Fully automated cutting, marking and sorting processes
- Automatic key feeding in 10 seconds

## AUTOMATED, DOUBLE-SIDED MARKING

- Dramatically reduces process time: no need to install a separate tool or to move the key manually
- Avoids mistakes in a manual process, especially when engraving Master Key Systems
- Both key sides can be independently marked



# UNOCODE *F800*



## ROBOTIZED FEEDING, PROCESSING AND SORTING

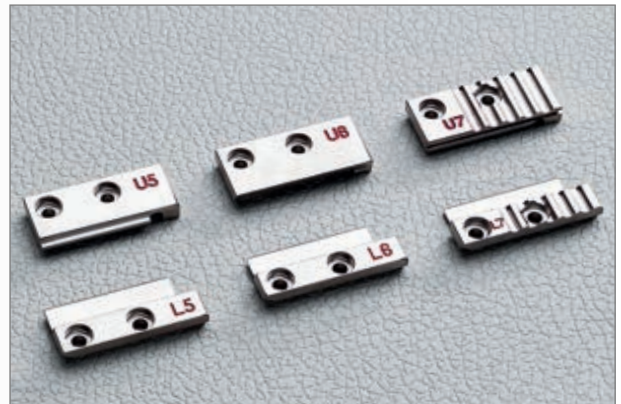
- Automatic feeder is always available. No time wasted on installation
- Stacker and First-In-First-Out “FIFO” sorter process around 100 keys at a time
- No air compressor needed
- Possible to manually cut keys without removing the feeder
- Front facing sorter for ease of access
- Sorter equipped with a sensor to detect when full
- Stacker can be removed for easy filling





## CUSTOMIZABLE CLAMP

- The specially designed upper and lower jaws mean the clamp can be customized on two sides to take special key profiles
- The modular jaw system means that the capability of the F800 can be expanded according to market developments
- Optional jaws are available to cut systems including Cisa® TSP and SP, Assa® D12 and DP Cliq, Dom® RS8, Abus® XY14/Y14 and Winkhaus® RPE-RPS amongst others







## CLAMP AND STACKER CAPABILITY

- The standard V4 clamp holds residential keys from 1 to 4 mm thick whereas the feeder manages keys ranging from 1.8 to 4 mm thick



## UNOCODE F800 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.

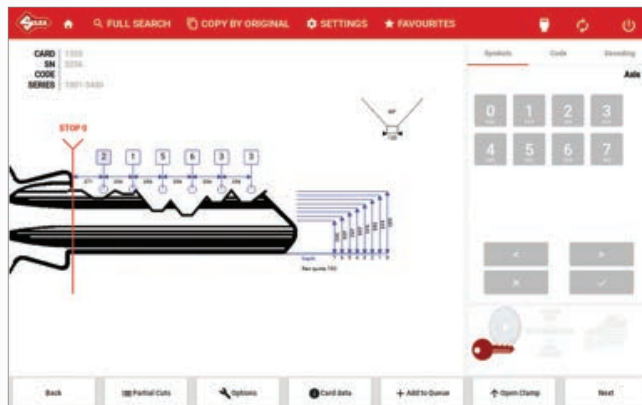
- Cutting cards comparison available on board
- Customize your favourites: you can rename the cutting cards you use most frequently and reorder them according to your needs
- Code tables available on board\*
- Onboard video tutorials and product manual
- Remote service to support you when needed

\* Coming soon with a software update

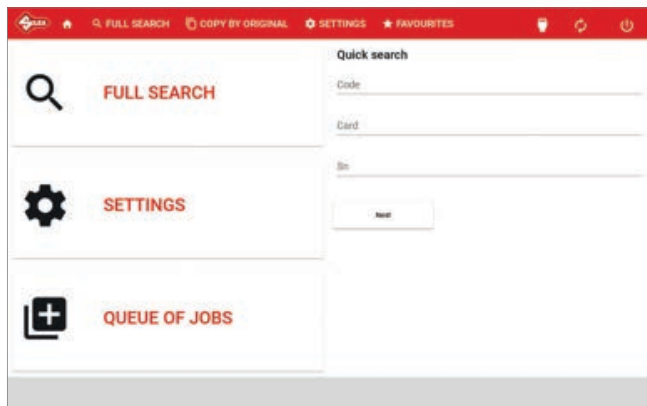
## CUTTING CARD



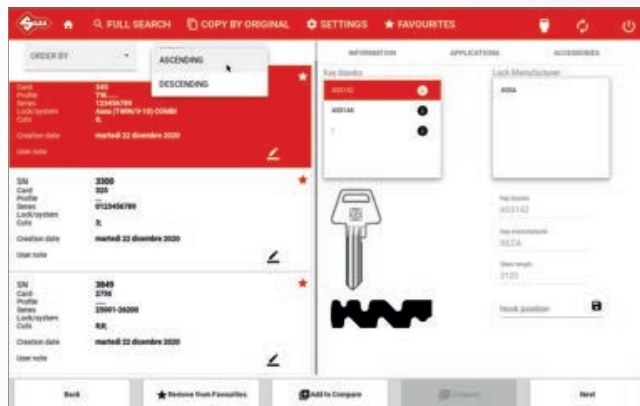
## CUT PREVIEW



## QUICK CARD SEARCH



## FAVOURITES



## CUTTING CARD COMPARISON



Performance



Video Help



Compatible with SKP Pro



Remote Assistance

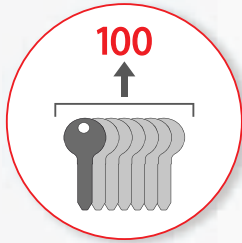


Speed



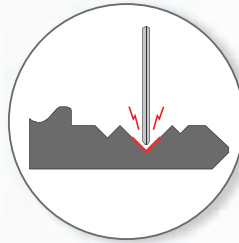
Safety

UNOCODE **F800** IN NUMBERS



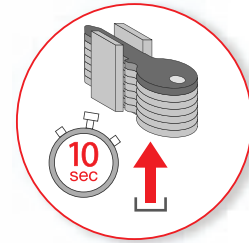
**100 keys**

feeder capacity with  
2.5 mm thick keys



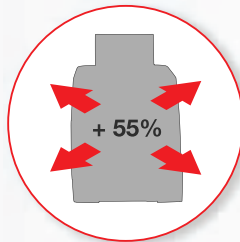
**Around 90 keys**

with five pins cut and  
engraved automatically  
per hour



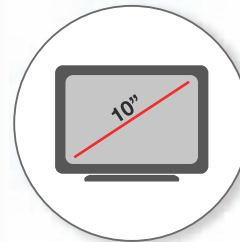
**10 seconds max.**

for automatic  
key feeding



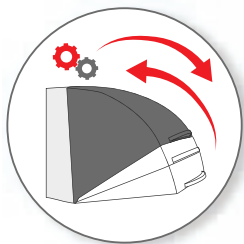
**55% bigger**

working area

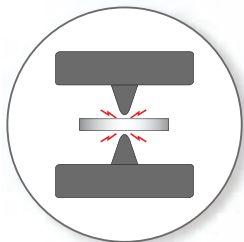


**10" display**

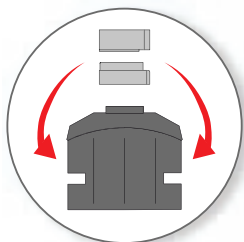
industrial grade

**PATENT PENDING SOLUTIONS**

Automatic opening  
and closing of  
protection shield



Fully automatic  
engraving on  
both key sides



Clamp with  
two customizable  
sides

**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
V4 clamp	With 4 standard sides for gripping keys with different thicknesses < 2.7: for thicknesses 1 mm to 2.7 mm > 2.5: for thicknesses 2.5 mm to 4 mm
Runs	With clamp: X axis: 30 mm, Y axis: 72 mm Keys with head stop: Y axis: max. 45 mm (by code) Y axis: max. 42 mm (with feeder) Keys with tip stop: Y axis: max. 45 mm (by code)
Max dimensions	Width: 921 mm - Depth: 740 mm - Height: 680 mm
Weight	Without feeder: 61.2 Kg - With feeder: 87.2 Kg



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