



Marker 2000





MARKER 2000

Electronic micro-point marking machine for keys and cylinders



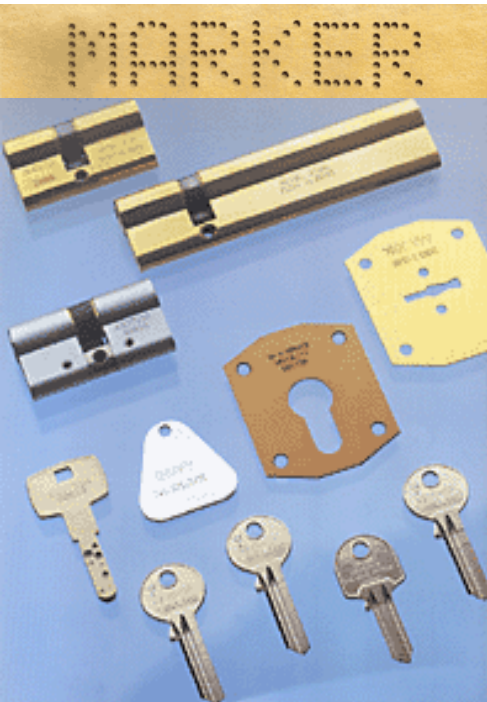
Marker 2000 is the first professional electronic machine to use a micro-point **system of engraving without the removal of material, specially designed for the marking of:**

- **keys,**
- **cylinders,**
- **plaques and medals.**



PLUS

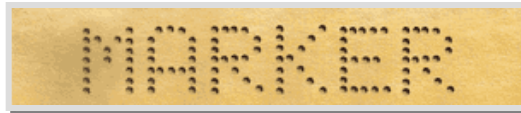
- innovative and practical design;
- quick and easy to use;
- Marker 2000 engraves any type of metal (silver nickel, brass, steel) ensuring high precision and excellent quality;
- menu available in five different languages: Italian, English, French, German, Spanish;
- wide choice of characters and graphics contained in the menu;
- can be adapted for the application of over 15 different optional clamps;
- Marker 2000 can be linked to other electronic key-cutting machines.





Marking

The marking process uses innovative technology which makes it possible to write without removing material from the object and without altering the surface, guaranteeing constant quality.





Marking

- The marking area can be selected by the user from **eight zones of different shapes and dimensions**⁽¹⁾. Further areas can be added from interchangeable disks which are easily substituted on the machine.
- The operator also has a **wide range of character dimensions and types** (bold, inclined, capitals) with which to compose the text, the maximum length of which is four rows of 30 characters each.
- Marker 2000 **can operate automatically to centre texts within the selected area** or according to the parameters set by the operator.
- Marker 2000 can be programmed to mark cylinders and keys from master key systems in progressive numerical sequence.

⁽¹⁾ Space required: 35 x 50 mm



Marker 2000 has been designed to work either **Stand-Alone** or **with a Personal Computer**.



Marker 2000 stand-alone



Marker 2000 with PC





MARKER 2000 STAND-ALONE

- Marker 2000 operates through any personal computer keyboard⁽¹⁾.
- It is extremely simple to use, works rapidly and does not require special skills or lengthy set-up and preparation.
- The machine memory expands to contain up to 50 models, which can be transferred to the hardware of the computerized version.

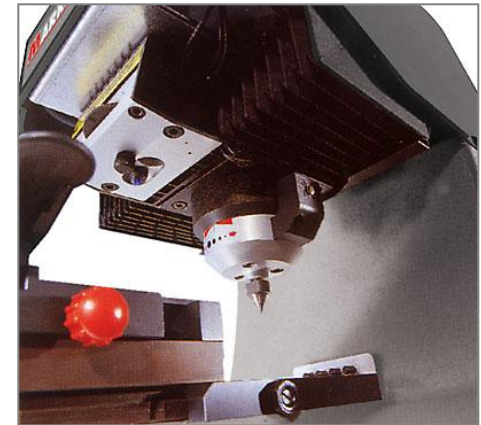
⁽¹⁾ The keyboard is not supplied by SILCA as it is preferable for end-users to select the most suitable model for their needs from the IBM * compatible range available.

* IBM is a trade mark of the International Business Machines Corporation.



Marker punch

- The super rapid steel alloy punch reaches a maximum frequency of 80 punches per second.
- The marking depth is simple to regulate with the special punch regulation ring.
- The punch is simple to replace and can be customized for special needs ("flat" form for non-standard height lettering).





Display

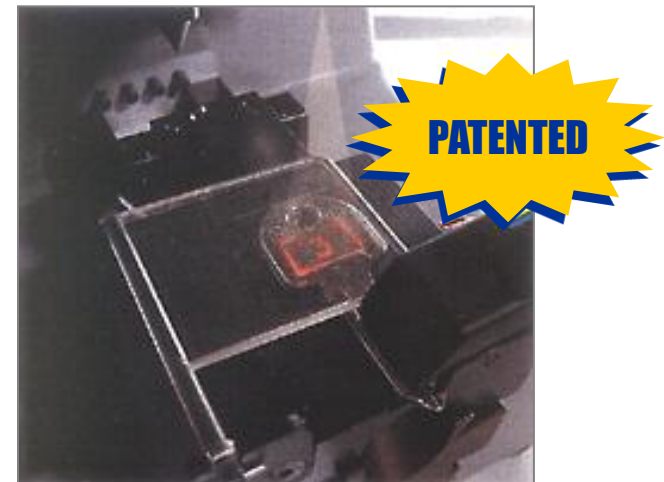
- Liquid crystal display, illuminated from behind and positioned in the upper part of the machine to ensure excellent visibility for the operator.





Tracking (patented)

- A special patented laser system ensures rapid and precise location of the marking zones, which can be updated by means of the tracking disk.





Clamp

- Standard C1 clamp ensures perfect rapid grip of most type of keys.
- Marker 2000 is designed to take up to 15 different clamps, including an automatic feeder.

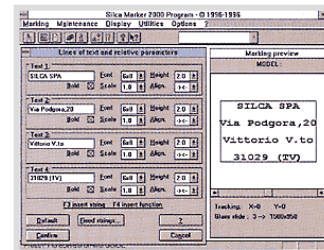




MARKER 2000 connected to the Personal Computer

A computerized Marker 2000 makes it possible to greatly extend the stand-alone machine's potential, by means of the Marker 2000 Program, specially designed by Silca.

- Memorization of up to 500 different texts and models.
- Dynamic display of the models during generation.
- Possibility to set up alphanumeric progressive sequences.



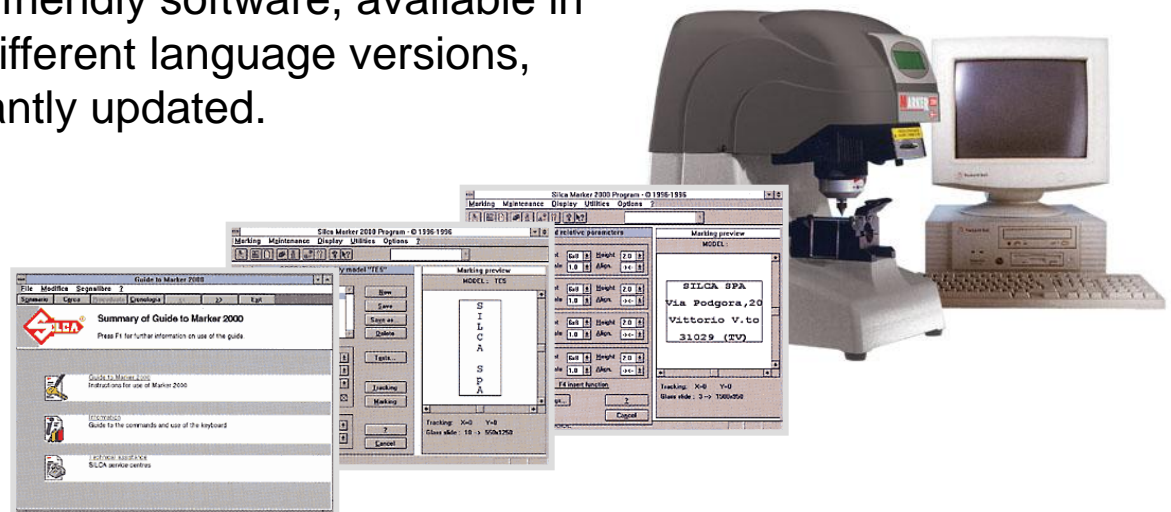
Dynamic display
of the models
during generation.





Software

- Program designed to operate in Windows environment
- Protection through a password and Silca Hardware Protection
- Windows graphics interface
- Predisposed to extend functions and customize configurations
- User-friendly software, available in five different language versions, constantly updated.





Technical Data

POWER: 230V – 50Hz – 80Watt – 0.4A
110V – 60 Hz – 90Watt – 0.6A

PUNCH: Interchangeable, in super rapid tempered steel alloy

MAX. PUNCH FREQUENCY: 80 punches per second

MOVEMENTS: On 2 axes

CLAMP: C1 standard

MARKER RUN: X-axis: 50mm - Y-axis: 35mm

DISPLAY: 20 characters, 4 lines, illuminated from behind

KEYBOARD: Standard IBM compatible (mini din 6 pole socket)

DIMENSIONS: width 220mm, depth 320mm, height 450mm

WEIGHT: 20Kg

* IBM is a trade mark of the International Business Machines Corporation.