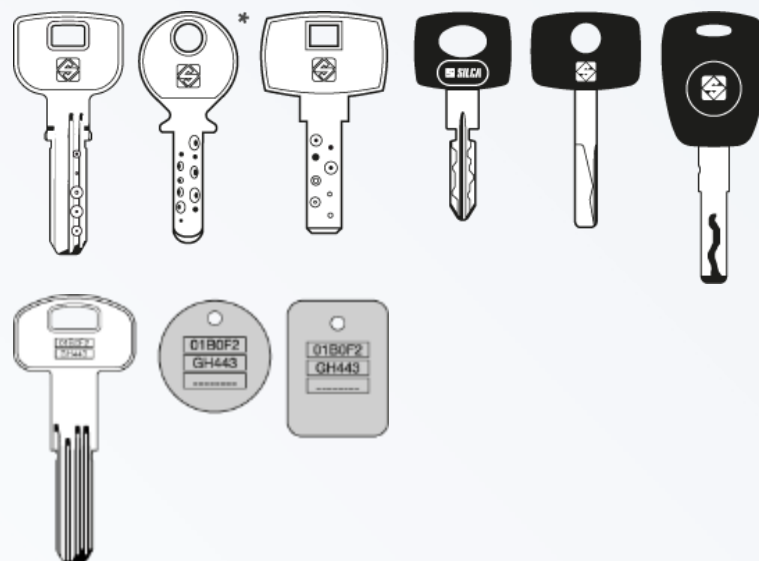




TRIAX PRO



Triax Pro is the top electronic key machine for decoding and cutting either by code or from original **laser and dimple keys**. It also **engraves keys, keyrings and small medals**.



* Keys with angled cuts (cut only with R13 or R4 optional clamp).

TRIAX PRO



The professional key machine

- Designed for experienced locksmiths and professional key cutters, Triax Pro combines **reliable performance, effortless use and is made exclusively from select components.**
- The machine can work both in **stand-alone mode or with a PC connection** that enables you to access the largest key database available on the market via user-friendly software.

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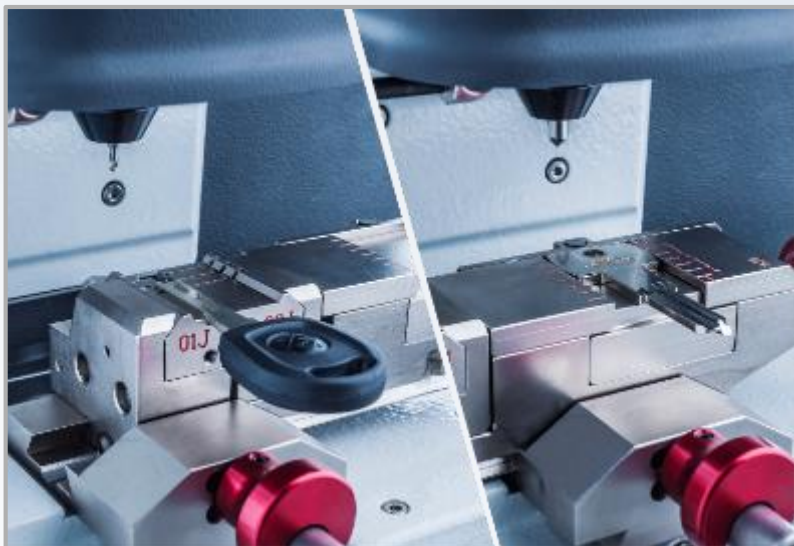


Main features

- Faster cutting cycle.
- Interchangeable jaws.
- Quick-release tool change.
- Resistant hardware and finishing.
- User-friendly software.
- Maintenance menu.
- Clamp calibration notice.

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

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Faster cutting cycle

- Triax Pro is equipped with a **spindle able to reach speeds of up to 19000 rpm.**
 - **The faster carriage movements** reduce cycle time by:
 - 30-40% for decoding laser keys
 - 15-20% for cutting laser keys
 - 10-15% for decoding dimple keys
 - 25-30% for cutting dimple keys
- compared with the Triax Quattro*.

* Tests have been performed using Silca branded keys with 5 pins.

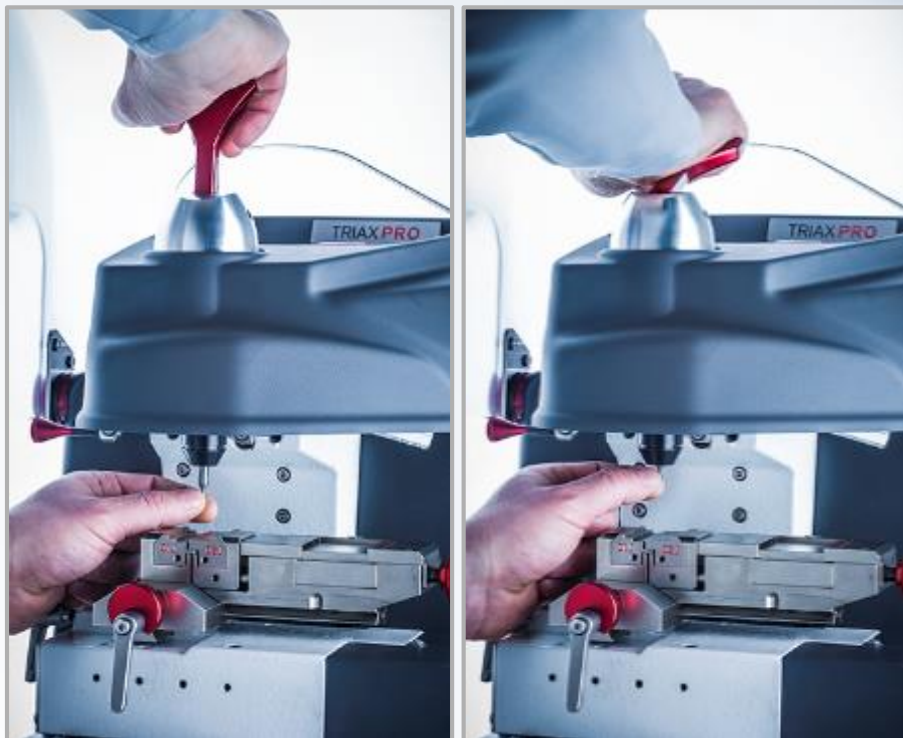
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Cost-saving and flexible jaw system

- The clamp features the **easy-change jaws like Futura**, ensuring faster installation and lower costs.
- This space-saving, dove tailed solution is compatible with all existing Triax clamps and, because the jaws are the same, fully interchangeable with Futura.
- The new **nickel plated clamps** are rustproof and less prone to wear.

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Optimized tool change and hardware

- The new **quick-release tool change system** is fast, smooth and easy to use: it is activated by means of a simple lever with an ergonomic handle.
- **All exposed screws are made of stainless steel** for better resistance and a longer life.

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Tools and accessories close to hand

- The **cutter holder** fits 14 tools and is incorporated in the machine for comfortable access.
- On top of the machine there is a **utensil tray with non-slip mat** to help you keep your work bench neat and tidy.

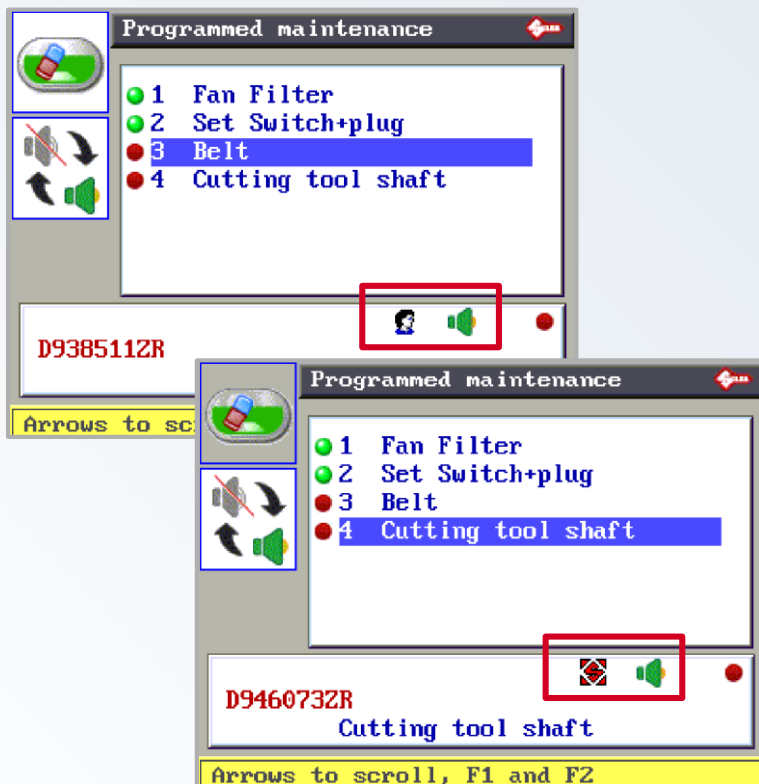
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User-friendly software

- The software controlling the machine allows you to perform **searches by key blank, serial number, lock manufacturer, indirect code, system description.**
- A number of useful functions have been added to **improve maintenance** so optimizing the use of the machine over time.
- The **pen drive** provided with the machine allows you to update the software in just 5 minutes, to create backups of all the data saved on the machine, to store data card codes securely and to optimize the use of the stand-alone mode.
- The machine is equipped with a **5.7" coloured display.**

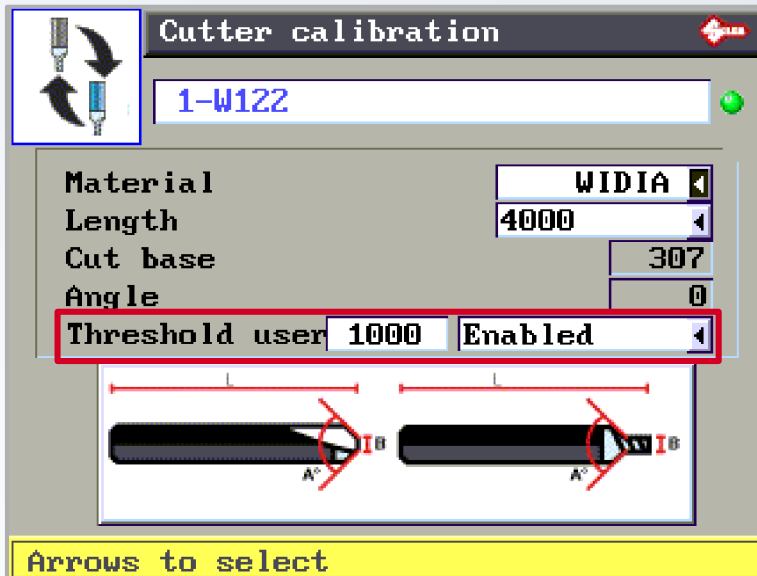
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Software management of maintenance (Activated by the installer)

- The **new maintenance menu**, programmed by the installer, advises on **maintenance necessary for parts subject to mechanical wear**.
- Depending on the setting, the software advises whether the intervention can be **performed by the user** (e.g. changing the belt) **or by the installer** (e.g. changing the cutter shaft).
- Activated parameters are marked by a green light, whilst components that need **maintenance or replacement are signalled by a red light**.

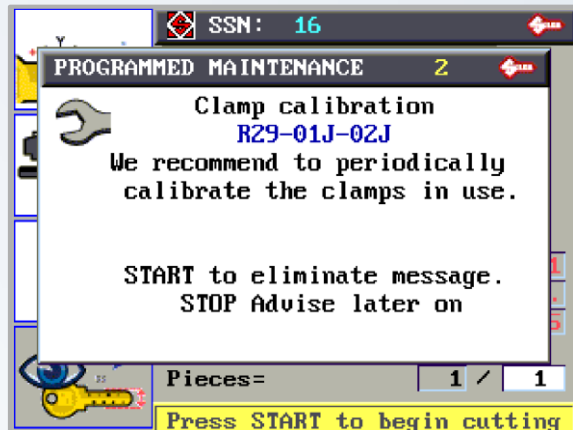
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Cut keys counter (Activated by the user)

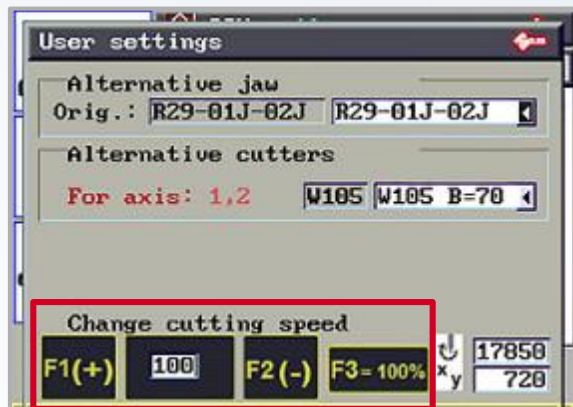
- The machine keeps a **running total of keys cut with each individual cutter**, saving the need to manually make a note at each operation.
- The software advises the operator on cutter use and **suggests when the cutter needs replacement**.
- The notice is activated when a pre-set level of keys cut is reached. The level is adjusted by the users according to their use of the machine.

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Clamp calibration notice (Activated by the installer)

- To maintain the highest cutting standards, when a predetermined number of keys have been cut the software advises that the **clamp and tracer tower should be re-calibrated**.



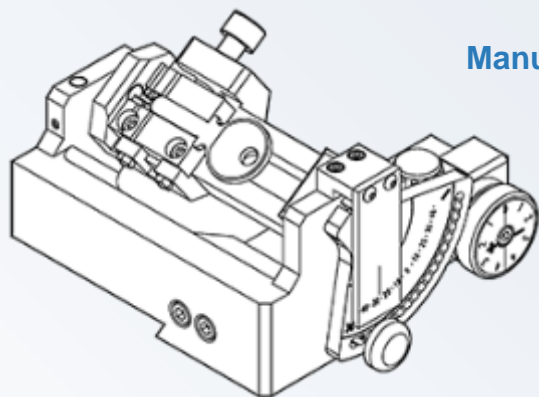
Adjustable cutting speed

- Once you have selected the cutting card to use, **you can modify the cutting speed by 30%.**
- In this way, you can speed up work queues or slow down to limit cutter wear.

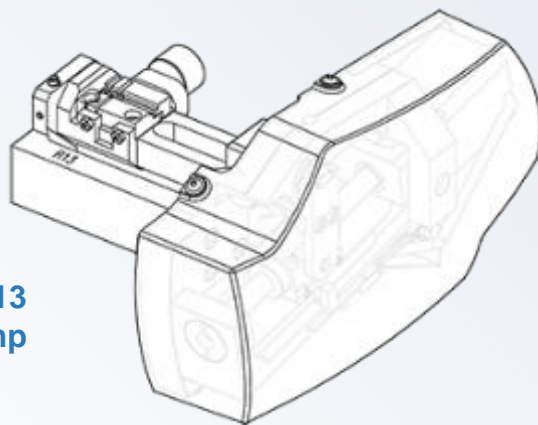
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Manual R4 clamp



Motorized R13 clamp



Optional tools and accessories

Two optional **tilting clamps for angled cuts** ($\pm 45^\circ$) ensure top quality performances with high speed cutting cycles:

- the motorized R13 clamp,
- the manual R4 clamp.

Further optional accessories available. For more details, visit our website.

TRIAX PRO



Technical Data

Power supply	230V - 50Hz, 100V -50/60Hz
Motor	Brushless 48V - 200 W
Standard cutters	W500 in carbide - W101 in carbide - W146 in carbide (for engraving)
Cutter speed	6000 – 19000 rpm
Tracer point	U103
Tracer tower tool	04TT
Movements	on 3 axes with ball screws activated by step motors, on rectified roller guides. Possibility to add a 4th axis with the manual or motorized optional clamps.
Carriages runs	axis X: 57 mm, axis Y: 32 mm, axis Z: 30 mm
Clamps	R29 + R28 removable R29: with 01J and 02J jaws for cutting laser and dimple keys R28: for engraving
Dimensions	width: 450 mm, depth: 600 mm height: 510 mm (with raised shield: 680 mm)
Weight	51,5 Kg

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