



ProTech Plus

PROTECH PLUS

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Basic structure:

- wheeled structure
- base
- rear and side protective panels
- control panel (PC)
- robot (automatic key-moving arm)
- automatic key feed
- 5 port ethernet switch (to connect to local network)

Operating parts:

- Dimple key station with mobile or tilting clamp and engraving (optional module).
- Flat key station and engraving (optional module).
- Automatic or manual tool changer unit (optional module).
- Swarf suction (optional module).
- XY automatic key store (two variants available:
7x6, 4x3 compartments or to customers' requirements)

Accessories:

- Set of standard jaws for dimple keys (1) and flat keys (1) – 2 units
- Key Loader – 1 unit
- Tool Cones – 3 units

Notes

ProTech Plus is a high performance semi-industrial machine designed to cut, engrave and sort different types of keys.

ProTech Plus is the ideal solution for several professional situations and different types of key-cutting services:

- Producers of Master Key Systems
- Specialists running production of significant numbers of keys
- Specialized key-cutting centres wishing to have a well-organized business
- Locksmiths providing a service on customers' premises who also want to plan work on automatic mode in their shops.

ProTech Plus is a true assistant: precise, perfect and organized so that it works on its own after being programmed.

This exclusive key-cutting station comes with top quality components and efficient control systems that guarantee a job well done. The process is entirely automatic and run by the ProTech Plus software provided.





MACHINE PARAMETERS

DIMENSIONS

Machine dimensions:

900 x 1800 x 800 mm

(L x H x D)

35.43 x 70.86 x 31.49 in

(L x H x D)

Dimensions with

Control Panel (PC):

1050 x 1800 x 800 mm

(L x H x D)

41.33 x 70.86 x 31.49 in

(L x H x D)

WEIGHT

Gross weight: **450 Kg**

(full version)

POWER SUPPLY

Single phase: **200 / 240 Volts**

Frequency: **50 Hz**

Energy consumption: **1 KW**

Compressor characteristics

Compressor: **300 l/min**

Tank capacity: **300 L**

Pressure: **6-6.5 bar**

PRECISION

ProTech tolerances on 3 axes (X, Y, Z encoder controlled) +/- 0.03 mm

PROTECH PLUS SOFTWARE

Powerful ProTech Plus software allows flexible use of the functions on the machines, and can be conveniently updated via internet.

1. ProTech Plus comes with a new FCT 300 processor that performs better and more rapidly in carrying out work cycles.
2. New tool changer with optimized, even faster movement.
3. ProTech Plus can be used to connect to the company intranet to easily transfer production input to the machine (e.g. process job orders or transfer data).
4. The software is a system used to import customer archives.
5. Master key system interface: can import and run any MKS file of a Master Key System, customer code table and direct code.
6. ProTech Plus uses its software to run job queues simply and precisely.
7. The software has a special function for complex keys.
8. ProTech Plus software runs alert e-mails programmable in conjunction with events or job flows (i.e. job conclusion, other special events).
9. ProTech Plus makes available a useful large archive of engraving models with the opportunity to customize fonts, characters and position variants.
10. The new ProTech Plus rear compartment ensures:
 - Easy immediate machine cleaning operations;
 - Quick access to and operations on all the main machine wiring (replacing accessories and basic maintenance).

ProTech Plus is a modular platform that can be customized with several configurations according to customers' needs.

ProTech Plus is built to CE standards and is entirely designed and built in Italy.





DO YOU NEED MORE SPEED?

	PROTECH	PROTECH PLUS	PLUS
Dimple (3 axis, 1+11+11 cuts, Engraving)	115 sec *	80 sec *	+30%
Flat (1 axis, 7 cuts, Engraving)	45 sec *	35 sec *	+23%

Now available new ProTech Plus version that increase productivity of 30%*.



PROTECH PLUS

+30% FASTER

EASY TO CLEAN

* Variable depending on key system cut

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