

Model F037



Fully automatic process
(minimum presence of operator
in front of the machine)



Considerable **reduction in cycle times**



**The customer can adapt the machine
to needs**



Several types of keys can be managed



Compatible with plastic keys



Upgradable hardware (open platform)



High quality cutting and engraving results



Incorporated **self-control system**



Intuitive software program
and touch screen user interface



Remote after-sales service

Planned services

This configuration comprises only the platform for cutting flat keys.
The clamp for flat keys is supplied with standard jaws.
It may be necessary to use customized jaws to duplicate different types of keys.

The marking station for flat keys uses a non-rotating diamond cutter, for engraving both sides of the key, if required.
Once cut and marked the keys are discharged into a collection tray in simple random order.



Model F037 components

1. Base + Feeder + Robots + Control
2. Flat Customer kit
3. Sorter Box (slider box)
4. Start Up Day Training
5. Service Contract

1. Base + Feeder + Robots + Control

The ProTech is a semi-industrial machine for cutting, engraving and sorting different type of keys. It is particularly indicated to MKS producers or high key volumes locksmiths. The machine is built with high quality components and efficient controlling systems to guarantee the result and the quality of the work. The entire process is fully automatic and managed by the ProTech software provided. Any MKS file or customer code table can be imported and managed by the software. ProTech is a modular platform that can be tailored in many parts according to the buyer's request. See in the following details how the ProTech can be customized). ProTech is built in compliance with CE regulations.



The ProTech is composed by:

- Basic structure:
 - cabinet trolley,
 - main basement
 - safety cover
 - control panel
 - key robot
 - automatic feeder
 - ethernet switch
- Flat key station and engraving
- Sorter Box (slider box)
- Customer kit (dimple and flat jaws)

2. Flat Customer kit

The **flat station** permits the cutting of flat cylinder keys either with single or double side cut. The engraving station is included.

3. Slider box sorter

Slider box sorter collects the keys cut in a box without ordering by code. The key robot lets the key just cut drop down to the box through the dedicated slide.

4. Start Up Day Training

Installation time and training (one day).

5. Service Contract

Download the full agreement (Service Contract) from the ProTech Site.



MACHINE PARAMETERS

DIMENSIONS

Overall dimensions:

900 x 1800 x 800 mm (W x H x D)
35,43 x 70,86 x 31,49 in (W x H x D)

Overall dimensions with PC:

1050 x 1800 x 800 mm (W x H x D)
41,33 x 70,86 x 31,49 in (W x H x D)

WEIGHT

Gross weight: 450 Kg (full version M159)
Net weight: 330 Kg (full version M159)

POWER SUPPLY

Single phase: 200 / 240 Volts
Frequency: 50 Hz
Energy consumption: 1 KW

AIR COMPRESSOR

Suggested air: 300 l/min
Capacity: 50 L
Pressure: 10 bar

TOLLERANCE

ProTech cutting tolerances on three axes (X, Y, Z controlled by encoder) +/- 0,03 mm

