

ilco

Speed Series Mechanical Key Duplicators

Speed Series

The **Speed 040, 044 and 045** are designed for duplicating typical automotive, residential and commercial keys including those with large bows or long blades such as cruciform keys, flip style keys and automotive keys with remote heads (IRKE).



SPEED 040 Automatic or Manual Operation

This dual operation machine can be operated either as an automatic or manual duplicator. When in automatic mode, the spring loaded carriage is engaged by simply pressing a button on the carriage. It applies a consistent cutting pressure. Operate in manual mode when more control is desired for a specific duplication.



SPEED 044 Semi-Automatic Operation

Features a spring loaded carriage that is easily engaged by the press of a button on top of the carriage. This action applies consistent cutting pressure during the entire operation.



SPEED 045 Manual Operation

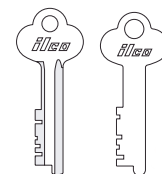
The ideal and yet very economical choice in a basic duplicator for any key cutting outlet. Designed with all the Speed Series convenient features and details.

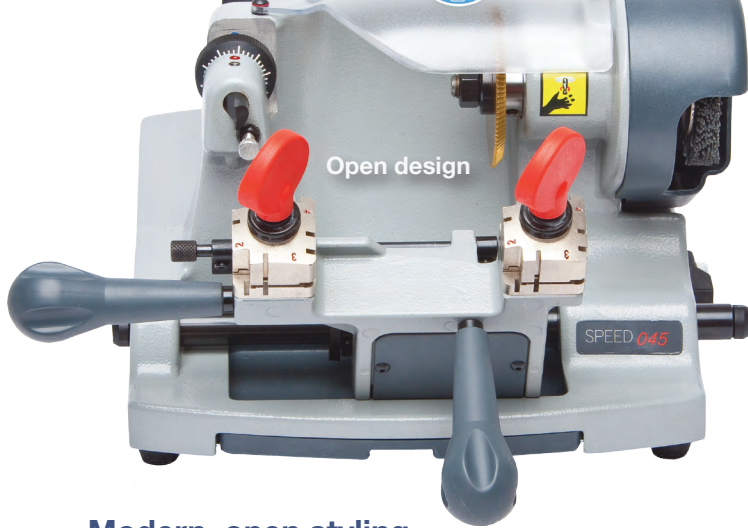
The **Speed 046** is a mechanical key cutting machine for duplicating flat style keys.



SPEED 046 Manual Operation

All the same features as the Speed 045 only this model is designed specifically for cutting safety deposit keys and other similar flat style keys.





Open design

SPEED 045

Modern, open styling

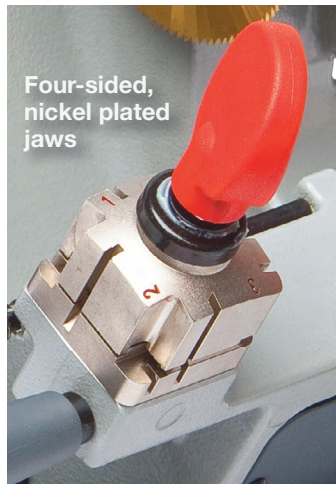
The open styling of the Speed 04X line of machines allows for ease of cleaning. A large drawer-type swarf tray is located under the carriage to capture key shavings.

Mounting bracket included for ease in securing the machine to a work bench.

Four-sided jaws mean flexibility of use

Four-sided jaws easily clamp virtually all edge cut and flat style keys present on the market. These jaws can be quickly and smoothly rotated by simply loosening the knob and rotating the jaw into the proper position.

The 3-1/2" (88.9 mm) spacing between clamps accommodates large bow (head) and long blade keys including the flip style automotive and cruciform keys. Jaws are nickel plated for extended life.



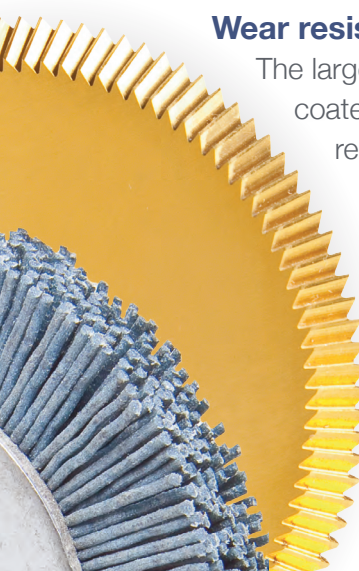
Four-sided, nickel plated jaws

Wear resistant cutter

The large cutter is TiN (Titanium Nitride) coated for long life and oxidation resistance.

Finish keys perfectly

Nylon, soft-touch deburring brush bristles are perfect for the finishing of cut keys.



Optimized calibration and precise gauging

A depth tracer system with micro-adjustment feature provides fast, precise calibration in increments of .00098" (.025mm). The standard tracer works on all edge cut keys, including Sargent®.



Micro-adjustment feature



Tray for accessories

Safety shields

Operator Safety

Electro-magnetic "main" safety switch (machine must be manually re-started after a power interruption).

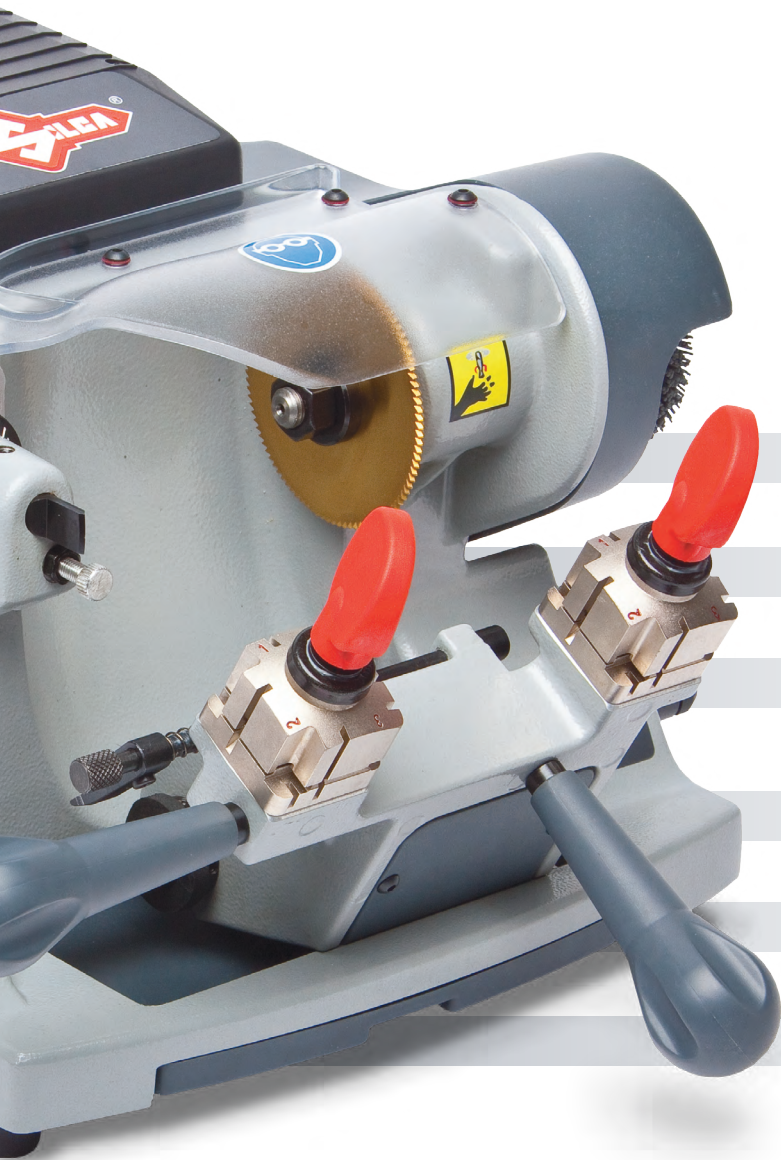
A separate cutter motor switch located on the side of the motor provides safe and easy access.

Belt/brush are covered and the large transparent cutter shield provides safety as well as storage for accessories.



Cutter motor switch





Technical Data

| | |
|--------------------------------|-------------------------------------|
| Power Supply: | 120V-60Hz |
| Maximum absorbed power: | 2.8 Amp, 200 Watt |
| Cutter motor: | single phase and speed |
| Movements: | by ball joint on rectified carriage |
| Tool Speed: | 1350 rpm |
| Carriage Runs: | 1.65" - 42mm |

STANDARD PARTS

Cutters:

| | |
|--------------------------|----------------------|
| <i>Speed 040/044/045</i> | BC0599XXXX D746382ZB |
| <i>Speed 046</i> | BC0598XXXX D701744ZB |
| Brush: | BJ0929XXXX D934958ZR |

Dimensions:

SPEED 040:

Width: 19.3" (490 mm)
Depth: 18.1" (460 mm)
Height: 11.8" (300 mm)
Weight: 44 lbs. (20 kg)

SPEED 044:

Width: 22.8" (580 mm)
Depth: 18.1" (460 mm)
Height: 9.8" (250 mm)
Weight: 31 lbs.(14 kg)

SPEED 045/046:

Width: 15.75" (400 mm)
Depth: 18.1" (460 mm)
Height: 9.8" (250 mm)
Weight: 31 lbs. (14 kg)



Learn more about key cutting machines and programmers we have.