



Card Punching

After the laminated sheets are separated from a pallet or trolley, they are aligned to print mark recognition sensors. The cards are punched from the sheets with a stamp-matrix tool and collected in standard magazines.



Card Punching for Standard ISO Cards



LUK-CP-3A/4A/5A



LUK-CP-3M/4M/5M



LUK-CP-3S

Card Punching for Shaped Cards



LUK-SCP500



LUK-SCP-3Y



LUK-SCP-1Y

Major Differences between Card Punching for ISO Cards:

Model	CP-3A/4A/5A	CP-3M/4M/5M	CP-3S
Sheet Feeding	Automatic	Manual	Manual
Card Punching	Automatic	Automatic	Manual
Skeleton Collating	Automatic	Manual	Manual
Number of Punches	3 / 4 / 5	3/ 4/ 5	2/3/4/5
Available Layout	3x8/4x8/5x5	3x8/4x8/5x5	2x5, 3X8/4X8/5X5
Sheet Alignment & System	Optical Sensor	Laser Lights	Laser Lights
Quantity of Card Magazines	3/4/5	1	no
Punching System	Servo Motor	Servo Motor	Hydraulic
Approx. Output (cards/hour)	30,000	15,000	3,000-5000
Power	380V 50-60Hz /5.5kw	380V 50-60Hz/4.5kw	220V 50-60Hz/2.2kw

Major Differences between Card Punching for Shaped Cards:

Model	SCP-500	SCP-3Y	SCP-1Y
Cutting from	laminated sheet	card body	laminated sheet
Available Feeding Size	Generally A3+ size Max. Size: 350x600mm	Min. size: 85.60x54mm Max. Size: 85.60x140mm	Half A4 size (105x297mm)
Card Cutting	Automatic	Automatic	Manual
Control Method	PLC+Servo System	PLC+Servo System	Electric Driven
Power	AC220V/50-60HZ 3.5KW	AC220V/50-60HZ 2.5KW	AC1 10V/220V 50-60 HZ
Output	4000-6000 cards/hour	Approx. 2500 cards/hour	Approx. 1000 cards/hour

Perfect Performance with High Quality

Perfect mechanical performance and shear-type male& female die ensures high volume production, accurate die cutting and high quality card edges.

KEY FEATURES

(Card Punching for ISO Cards)

Sheet Material: PVC, ABS, Paper,etc.

Sheet Thickness: 0.3-1.0mm

Rigid machine structure

The optical sensor registration mark tracking system with ± 0.1 mm accuracy

Low noise, low vibrations

Shear-type male& female die sets for clean and smooth card edges

Quick change tools

CE approved safety standard

KEY FEATURES

(Card Punching for Shaped Cards)

Sheet Material: PVC, ABS, Paper,etc.

Sheet Thickness: 0.3-1.0mm

Solid machine design for high precision

Special shape tools available

Available for ISO cards also

The key feature for **SCP-3Y** is that this machine has ceasing function for **easy break-up by hand**, but SCP-500 &SCP-1Y has no such function.



INTRODUCTION

Lukiot's fully and semi automatic card punching system are designed for the punching of smart cards from sheets.

The systems enable the high-quality production of both ISO standard cards and shaped cards. The powerful servo motor or hydraulic punching systems ensure continuous precision with alignment to print sensor marks.

The tools are well proven with an extremely long life time. The possibility to choose 2-up layout for A4 punching or 3-up / 4-up / 5-up punching layouts for A3 punching offers flexibility. The optimized design allows for a quick and easy change overtime.