Lukiot   Nanjing Lukiot Technology Co., Ltd.

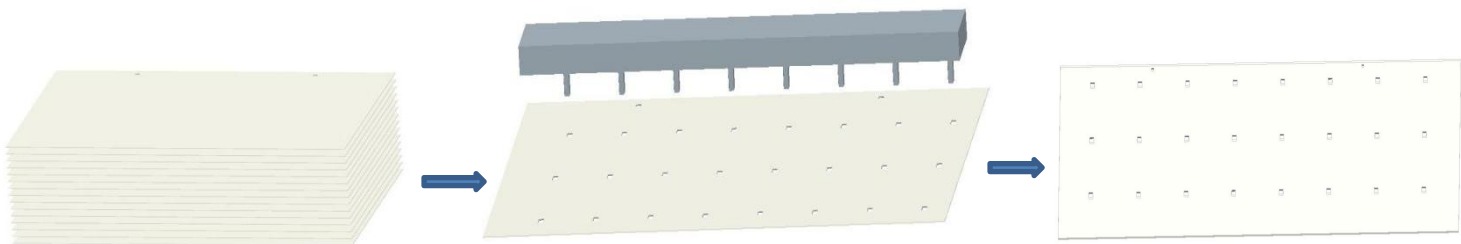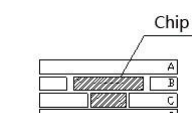All Lukiot machines are CE certified and comply with relevant European safety requirements including emergency stops and interlocked guarding.

Automatic Chip Hole Punching

This machine is designed for punching chip holes into the PVC/ABS/PETG sheets.

Contactless card Industry is booming nowadays and has been one of the quickest developing markets in this field. Card manufacturer needs reliable and cost-effective contactless card producing equipment to catch this historic opportunity.
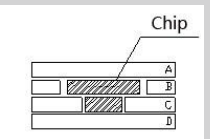
LUK-CHP-6000Y

LUK-CHP-5000W

Major Differences between 6000Y and 5000W:

Model	CHP-6000Y	CHP-5000W
Sheet Layout	Fixed, customer can choose only one kind of punches, 3 punches / 4 punches / 5 punches	Flexible, one same machine can be suitable for different layouts
Position Hole Punching	Position holes and chip holes will be punched at the same time.	Extra manual position hole punching is necessary to match 5000W
Chip Hole Size	One hole size for built-in chip module	Two different sizes of holes to make the position for same type chip
Productivity	Approx. 6000 pcs/hour	Approx. 5000 pcs/hour

TECHNICAL DATA

Model	CHP-6000Y	CHP-5000W
Applicable Material	0.1-0.3mm thickness PVC, PETG, ABS material	
Control Method	PLC+ Servo Positioning	
Air Pressure	6kg/cm^2	
Position precision	±0.01mm	
Yield Rate	99.9%	
Power	380V,50-60Hz, 0.50kw	220V,50-60Hz, 0.50kw
Gross Weight	400kg	900kg
Dimension(mm)	L1000xW800 x H1300	L1500x W700 x H1400

KEY FEATURES
(6000Y +5000W)

- User friendly touch screen control for easy operation
- Adjustable feeding speed by modifying PLC parameter
- Adjustable hole punching position
- PLC+servo system for precise positioning and position precision ±0.01mm
- Precise punching die and PLC servo system for good punching quality
- Lifetime of punching die: upto two million times
- Locked production cabinet for the safety of the operator
- CE completed safety guards

NOTE :

Concerning the thickness of contactless chips in the material, as the following illustration shows, to keep Layer A and Layer D more flat, punching two different sizes of holes on Layer B and Layer C is optional.

6000Y: one punching die for bigger holes; change tool for smaller holes

5000W: two punching dies can be installed at the same time for big hole size and small hole size

INTRODUCTION

Both 6000Y & 5000W are automatic chip hole punching machines. It is designed to punch the chip holes on PVC, PETG and ABS sheets with different thickness & size for implanting built-in chip modules on contactless /RF inlay sheets.

Control by PLC + servo system and holes are punched by high precision mould, which ensure the quality of the products and improve the productivity.

Machine safety cover is designed to make sure the safety performance of the equipment and better protect the operator's safety during operation.