



## Sheet Lamination System

Sheet Lamination System is designed for the safe and efficient lamination of a variety of contact and contactless cards. Exceptional features to ensure perfect lamination result.

### A3 Series Lamination System



LUK-Smartlam810/750/520



LUK-LP810A/750A/520



LUK-LP5000-2

### A4 Series Lamination System



LUK-SL1000-4



LUK-SL1000-2



LUK-SL1000-1

### Major Differences between A3 Series Lamination System:

Model	Smartlam 810/750/520	LP810A/750A/520A	LP5000-2
Material Feeding	automatic	manual	manual
Trays transferring from heating to cooling	automatic	automatic	manual
Openings	10	7-10	2
Max. Laminate Plate size	Smartlam810: 810x750mm Smartlam750: 750x600mm Smartlam520: 520x420mm	LP810A:810x750mm LP750: 750X600mm LP520: 520X420mm	500x330mm
Productivity	480-600 big sheets per hour	315-450 big sheets per hour	60-90 big sheets per hour
Voltage	380V 50-60Hz	380V 50-60Hz	220V 50-60Hz

### Major Differences between A4 Series Lamination System:

Model	SL1000-4	SL1000-2	SL1000-1
Control Method	PLC	Digital meter	Digital meter
Openings	3 heatings / 3 coolings	2	1
Max. Laminate size	210x297mm	210x297mm	210x297mm
Productivity	Approx. 1,600cards/hour	Approx. 1,000cards/hour	Approx. 500cards/hour
Power	220V/50-60Hz, 7.5 kw	220V/50-60Hz, 5.6 kw	220V/50-60Hz, 2.50 kw
Weight	600kgs	350kgs	180kgs
Dimension	L1000xW650 xH1280mm	L760xW550 xH1260mm	L700xW450 xH940mm



High Efficiency, Cost Saving, Easy Operation

#### TECHNICAL DATA (A3 Lamination System)

Sheet Material: PVC, PC, ABS; others on request

Openings: 7-10 for bigger A3 machines;  
2-3 for smaller A3 machines

Heating Medium : Electric heating

Cooling Medium: Water

Temperature Range: 0-200°C

Temperature Accuracy: ±1.0°C

Pressure Accuracy: ± 0.01 Mpa

Pressure: Heating 12 stages / cooling 5 stages

Hydraulic Cylinder for Each Tower: 1

#### TECHNICAL DATA (A4 Lamination System)

Sheet Material: PVC, PC, ABS, etc.

Openings: 1-3

Heating Medium : Electric heating

Cooling Medium: Water

Temperature Range: 0-180°C

Pressure Method: Hydraulic

Control Method: PLC / Digital Meter

Voltage: 220V 50-60Hz

Hydraulic Cylinder for Each Tower: 1



### INTRODUCTION

Lukiot's lamination system is designed to laminate pre-lams, plastic cards, smart cards and contactless cards, etc.

The system complies with the latest demands regarding economics, sustainability as well as product and process quality. All important process parameters such as temperature, pressure and cycle time are controlled continuously. These features make it possible to laminate under optimal conditions with all current card materials such as ABS, PVC, PC, PET, PETG, PS and PP.

LUK-LP810/750/520 is automatic laminator and can transfer trays from hot tower to cold tower automatically. This LP series laminators can be configured with 7-10 openings and loader system can be also matched for easy trays' feeding & discharging.