

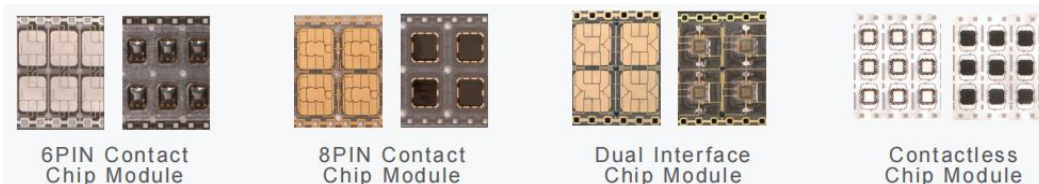
All Lukiot machines are CE certified and comply with relevant European safety requirements including emergency stops and interlocked guarding

## Chip Module Testing & Pre-personalization LUK-CMP120

This machine is designed for chip counting, chip initialization, chip pre-personalization, open & short test, reject chip punching and marking, etc.



### Suitable Chips



### FUNCTION DESCRIPTION

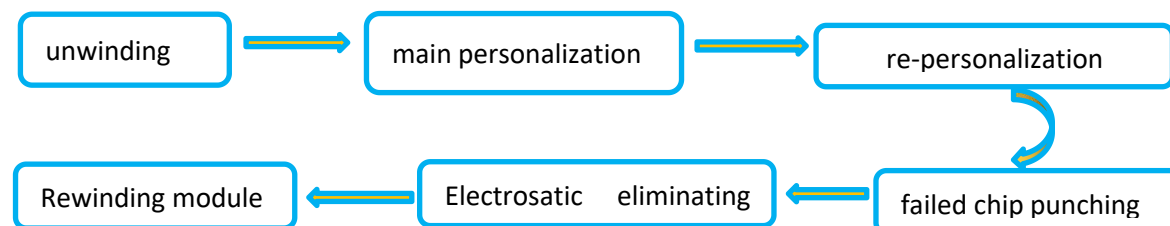
SN	Module Configuration	Function & Parameters	Module Photo
1	unwinding module	Automatic unwinding with adjustable speed can achieve the reversed rotating	
2	Main-personalization module	120 sets of 8-pin/ 6-pin perso heads are equipped as top configuration and it can be customized on demand accordingly.	
3	Re-personalization module	2 re-perso heads are configured , which can re-perso the failed chips. Max 16 re-perso heads can be configured on demand.	
4	Punching module	Failed re-perso chips will be punched or marked as the reference for the next process	
5	rewinding module	Automatic rewinding can be realized with adjustable speed	
6	Optional function	The equipment can be upgraded to apply contactless cards & dual-interface cards.	

### OUTPUT TABLE

Throughput of Contact Chip (120 Heads)

Throughput ( UPH ) \ Perso Time (S)	0	5	10	15	20	25	30	35	40
8PIN	71000	39000	26000	20000	16000	13000	11000	10000	9000
6PIN	99000	46000	30000	22000	17000	14000	12000	10000	9000

### WORKFLOW SYSTEM



### KEY FEATURES

- It will cost only 60s to switch production tasks between 6PIN and 8PIN contact chip
- The top chinese industrial-class reader with open/short test function is stable and high cost-effective
- Each module can work independently or be combined on demand
- Free of production site due to electric driving design without external air supply
- Max throughput 99,000 cph for 6PIN chip; Max. Throughput 71,000 cph for 8PIN chip
- Lifetime for punching die : at least 1 million times overall

### TECHNICAL DATA:

Item	Specifications
Chip type	6PIN , 8PIN
Chip Module	M2 & M3
Encoding failure rate	less than 0.1%
Malfunction rate	Downtime will be less than 1 hour within 100 hours' continuous work
Operating system	Win7
Communication Interface	Ethernet
Max. throughput	99,000 cph with 120 sets of 8-pin chip perso heads configured; 71,000 cph with 120 sets of 6-pin chip perso heads configured.
Power supply	220V, 50-60Hz, 3.0kw
Overall dimension	4.0(L)x0.80(W)x1.50(H)m
Gross Weight	650kg

### INTRODUCTION

CMP120 is designed for test/ pre-personalization of smart card IC modules , especially for GSM and banking applications.

The machine integrates chip counting, chip initialization, chip pre-personalization, open & short test ,reject chip punching and marking, etc. function modules and guarantees the personalization performance .Modular design can meet your different production requirements and maximize decreasing your investment cost.

The flexible design enables operators to switch chips production between 6PIN and 8PIN within 60seconds.

The testing of contact, contactless, dual-interface and single or multi-row is achieved with the best performance and yield in the market by using the high-end reader system.