



PTA-8500A

High Speed SIM Card Personalization Machine

The perfect solution for high-speed and mass personalization production for SIM card with multi-chips



High Compatibility



High Stability



High speed



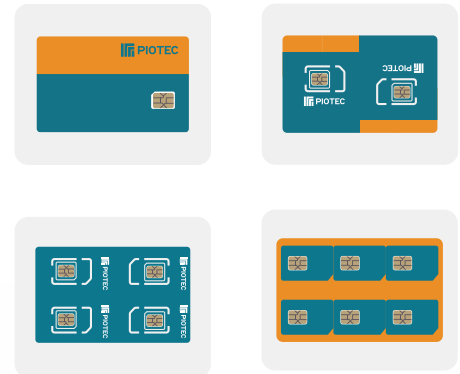
High Security



Product Video

PTA-8500A

High Speed SIM Card Personalization Machine



To meet mass personalization production for SIM card with multi-chips, PTA-8500A was developed and put into the market in 2015. The product not only has high compatibility and stability, but also can perform mass personalization production. Laser marking and card surface information verification on various SIM cards can be realized.

With more than 100 sets delivered and proven by the market for over 8 years, PTA-8500A has become the mainstream production equipment for famous SIM card manufacturers in China and even in the world.

Key Features & Advantages

High Compatibility

- ▶ Mass personalization production for ISO cards, 2IN1, 4IN1, and even 6IN1 card.
- ▶ To connect with Milling, Embedding, Punching, and Labeling machine into Smart SIM production line.

High speed

- ▶ The patented high-speed laser marking technology enables the laser to mark uninterruptedly so that the utilization rate of the laser is maximum
- ▶ One-button switching between orders with different specification (such as 2in1 and 4in1 card) in the software can be realized, which reduce the order switching time.
- ▶ The maximum production capacity can reach 36,000 chips/h, which improves the factory's income.

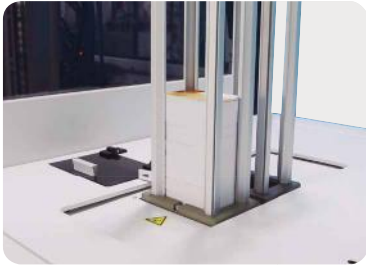
High Stability

- ▶ The patented technology of static perso tower ensures that the rejecting rate is less than 1/1000.
- ▶ After more than 10 years, the proven PIOTEC industrial-grade reader ensures perso's stability and efficiency.
- ▶ One operator can operate and manage 3~5 PTA-8500A at the same time.

High Security

- ▶ The perso software has been proven by the market for more than 10 years.
- ▶ Cards that fail to be encoded or marked can be automatically rejected and remade online.
- ▶ The fully automatic OCR system ensures that the information on the card surface is accurate.
- ▶ Secondary development is fully supported to meet various customized data security needs.

Configurations



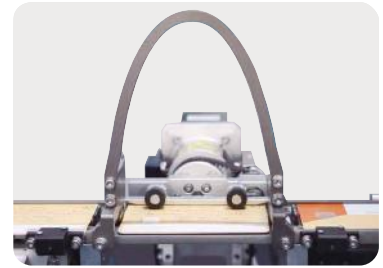
Input Module:

- Equipped with 2 removable input magazines with maximum capacity of 500pcs for each.
- * Automatic magazine exchange, chip absence and double-card detection can be realized.



Contact IC perso Module:

- Standard configuration: 32 contact IC perso stations with 64 perso heads.
- Extensible configuration: 64 perso stations with 384 perso heads.
- * ISO cards, 2IN1, 4IN1 or 6IN1 cards can be persoled.



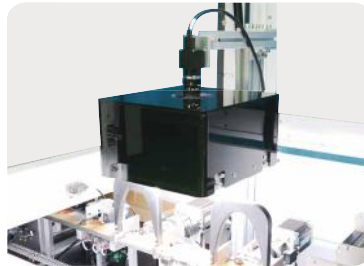
Flip Module

- Equipped with 4 sets of flip mechanism.
- * Double-sided marking and card output side selection can be realized.



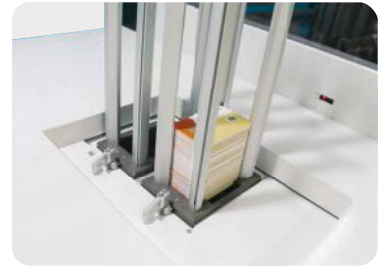
Laser marking Module:

- Equipped with 2 sets of high-speed laser marking modules;
- Equipped with 2 sets of 50W fiber laser marking machines;
- * Uninterrupted dual laser serial and parallel marking are available.



OCR verification Module:

- Equipped with 1 set of 5 million pixel industrial camera (including light source)
- Equipped with 1 set of OCR software.
- * Card surface information (Digital number, Barcode, QR code, 25 code) can be recognized and verified.

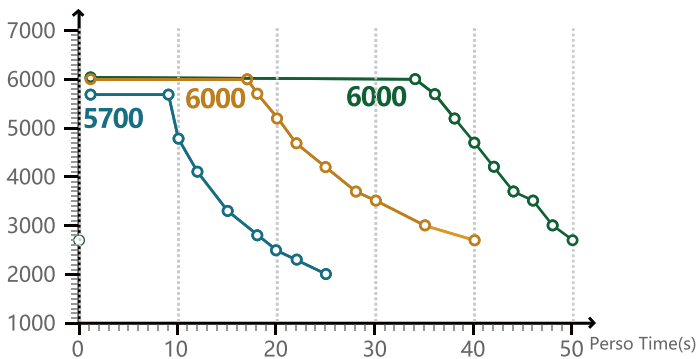


Output Module:

- Equipped with 2 removable output magazines with maximum capacity of 500pcs for each.
- * Automatic magazine exchange and fullness detection can be realized.

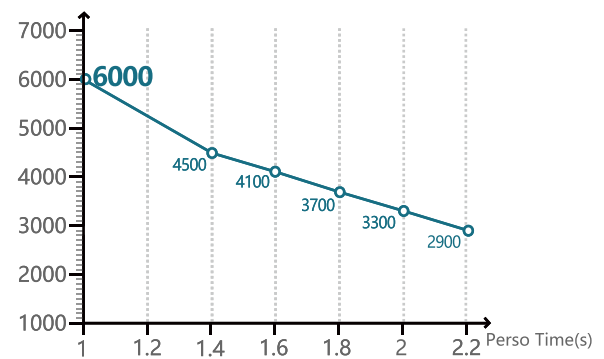
Throughput

IC Perso Throughput (Cards/H)



16 IC Perso Stations 32 IC Perso Stations 64 IC Perso Stations

High Speed Laser Marking Throughput (Cards/H)



Technical Specification

Dimension: 3600mm X 910mm X 1900mm
Weight: 800kg
Power Supply: 220V (-5%~+10%) 50Hz 6KW
Noise: <65dB

Operation Temperature: 23°C±3°C
Operation Humidity: 50±10%
Compressed Air: Pressure: 0.5Mpa
 Flow: 400L/min
Communication Interface: Ethernet

