

# PTA-8500C

Social Security Card Personalization Machine

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## Social Security Card Personalization Machine

1. Equipped with 64 contact IC perso stations and 64 contactless IC perso stations at most.
2. Secondary development is fully supported to save migration cost.
3. Flexible and rich intelligent statistics and analysis functions are integrated.

### Overview

PTA-8500C is a new member of the 8500 series, mainly used for social security card personalization, which integrates highly stable contact and contactless IC perso mechanism that has been extensively verified by the market for more than 10 years. It is equipped with larger number of contact and contactless IC perso stations within the industry currently and also equipped with verification module for both internal and external information of the card to reduce manpower input and provide highly stable capacity output for large-capacity social security card.

### Advantages



Equipped with larger number of contact and contactless IC perso stations within the industry to provide stable output for large-capacity social security card.



Equipped with industrial-grade contact and contactless readers independently developed by PIOTEC, with an open system and full support for secondary development, which can satisfy the high-speed and stable needs of various smart card manufacturers.



Complete and mature secondary development plan that can realize quick integration with various production management systems and reduce the migration cost.

# Configurations

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Input/Output Module



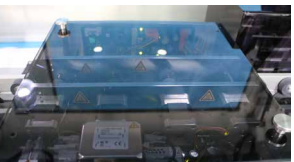
OCR Checking Module



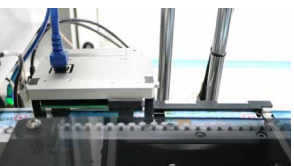
Contact IC Perso Module



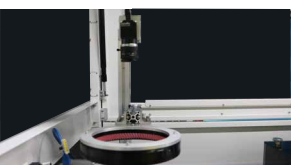
Contactless IC Perso Module



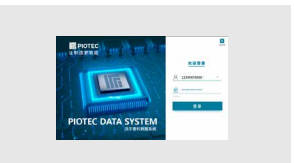
Magnetic Encoding Module



IC Verification Module



OCR Verification Module



Software

## ► Input/Output Module

1. Equipped with two removable magazines with maximum capacity of 500 pcs for each.
  2. The magazines can be switched automatically.
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## ► OCR Checking Module

Recognize the surface information on the card to obtain personalized data from the database before personalization.

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## ► Contact IC Perso Module

1. Personalization for the standard social security card can be realized.
  2. 32 contact IC perso stations for standard configuration, and up to 64 perso stations can be expanded.
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## ► Contactless IC Perso Module

1. Personalization for the standard social security card can be realized.
  2. 16 contactless IC perso stations for standard configuration, and up to 64 perso stations can be expanded.
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## ► Magnetic Encoding Module

1. Industrial-grade magnetic encoding machine that has been verified by the market is integrated.
  2. Magnetic stripe encoding and verification can be realized.
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## ► IC Verification Module

1. 1 Contact IC data verification module to verify the personalized contact IC data.
  2. 1 Contactless IC data verification module to verify the personalized contactless IC data.
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## ► OCR Verification Module

Identify the surface information of the card to verify the accuracy of the external information after personalization.

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## ► Software

1. Motion Controlling Software
2. Data Management Software
3. OCR (Optical Character Recognition OCR) Software

## Throughput Table

Contact IC Perso Module(32 Stations)

Peroso Time (s)	<40	50	60	70	80	90
Throughput (UPH)	2500	2200	1800	1550	1300	1100

Contactless IC Perso Module(16 Stations)

Peroso Time (s)	<21	30	35	40	45	50
Throughput (UPH)	2500	1800	1550	1300	1150	1000

## Technical Specification

Name	Parameters
Dimension	3850mm×910mm×1900mm (L×B×H)
Weight	1000KG
Power Supply	220V (-5%~+10%) 50HZ 6KW
Noise	< 65dB
Operation Temperature	23°C±3°C
Operation Humidity	50±10%rh
Compressed Air	Pressure: 0.5Mpa Flow: 400L/min
MaximumThroughput	3000UPH

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