Machine business consulting

Label business consulting

RFID

Label Production Solution Provider

Antenna Design - Chip Selection - Binding - Printing - Converting - Die cutting - Encoding - Packaging

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*without furthernotice if specification and exterior have been changed because of improvement.
Thanks for your understanding.

BASE INTRODUCTION

The RFID smart label training base is a professional base established by the Label and Special Printing Branch of the China Printing Association, Guangdong Zhongshifa Intelligent Technology Co., Ltd. and Ada (Guangdong) Intelligent Equipment Co., Ltd. Dedicated to providing technical training and services of RFID production to the society,Empowering the RFID transformation for traditional printing enterprises.

The base has a professional R&D center, equipped with complete RFID label production and testing equipment, which can meet the R&D and production needs of various RFID tags. It is a comprehensive training base integrating production, learning, teaching and research.

Company campus

RFID Training Base

Training Base Authorization Certificate

Cooperation Partner

RFID LABEL PRODUCTION SOLUTION PROVIDER

Printing & RFID Workshop

Binding Workshop

Converting Workshop

Encoding Workshop

Printing Workshop

Exhibition Hall

Roll Sample Display Area

Smart Packaging Area

Practice Area

RFID Laboratory

Laser Engraving Machine

Manual Binding Machine

Tape Initial Adhesion Testing Machine

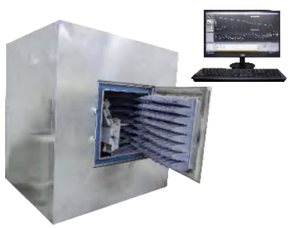
Peel Force Tester

Multifunctional Push Pull Testing Machine

Tape Retention Tester

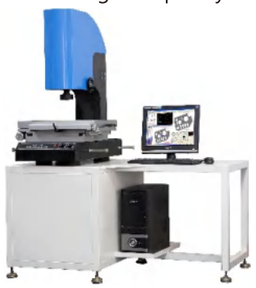
Inlay Chip Bending Strength Tester

High-frequency read range tester



RFID Tag Performance Tester

Constant Temperature and Humidity Test Box



Two-dimensional Imager

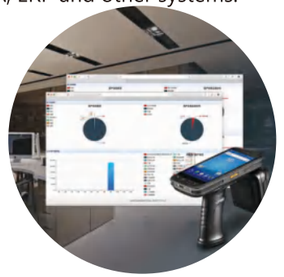
RFID System Solutions

RFID Anti-counterfeiting Traceability System

Product traceability services based on RFID technology, from traceability platform, traceability label printing and production as well as data docking between traceability system and enterprise ERP.

RFID Asset Management System

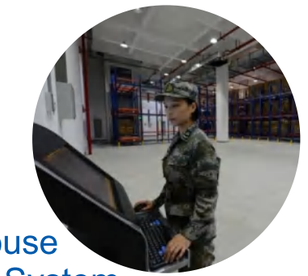
RFID asset management system fully covers the enterprise's asset management, equipment operation and maintenance management, spare parts management and other assets and equipment-related business, to provide a complete integration solution can be achieved with the integration of enterprise finance, OA, ERP and other systems.



RFID system Solutions

RFID Retail Solution

By affixing RFID tags to products in retail stores to give them a unique ID, combined with hardware and software, it can achieve overall linkage between people, goods, and venues, break down the barriers between various roles, and realize the digital trans-formation and upgrading of the traditional retail industry.



RFID Warehouse Management System

RFID-based warehousing material management system is the introduction of RFID technology in the existing material management process, the warehouse to the goods, warehousing, warehousing, redeployment, shifting, inventory and other aspects of the operation of the data for automated collection.

RFID Retail Solution

Warehouse management

- Supplier management
- In and out of storage and inventory
- Quickly find goods

Store management

- Store anti-theft
- Price tag management

Retail management

- Automatic settlement
- Online delivery
- Account management

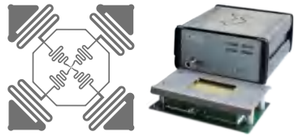
SRS AI smart retail store is an integrated RFID retail solution developed by Guangdong Zhongshifa Intelligent Technology Co., Ltd. that integrates smart retail, smart warehousing, and store management. By affixing RFID tags to products in retail stores to give them a unique ID, combined with hardware and software, it can achieve overall linkage between people, goods, and venues, break down the barriers between various roles, and realize the digital transformation and upgrading of the traditional retail industry.

RFID LABEL PRODUCTION SOLUTION PROVIDER

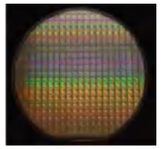
RFID Production Chain Consolidation

Antenna Design - Chip Selection - Binding - Printing - Converting - Die cutting - Encoding - Packaging

Antenna design



RFID Chip selection



Flexo printing

RFID chip binding

Digital Printing

RFID Converting Machine

Single Format RFID encoding

Reel Format RFID encoding

Printer Format RFID encoding

Smart retail

Smart logistics

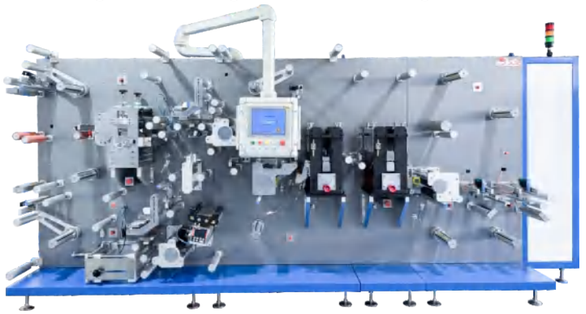
Smart industry

Roll Converting Solutions

A7000plus Converting Machine

Device introduction video

Single Die-cutting Station Converting Machine



Double Die-cutting Station Converting Machine

(Support simultaneous front and back die-cutting of labels, one-time molding)

Device Function

- Independent dual-channel Inlay unwinding
- Multi-station unwinding
- Unwinding with deskew
- Dry Inlay cutting
- Wet Inlay Repost
- Bottom paper, face paper, Inlay automatic registration
- Gluing system
- Die cutting station
- Waste rewinding
- Finished product inspection and defective product marking
- Finished sheet collection platform
- Finished reel collection
- Configurable four-layer composite function
- Ultrasonic cutting of fabric label materials (optional)

Technical Features

- P-Mac Motion Control System
- Independent dual-channel Inlay unwinding
- The double-sided printing self-adhesive can be peeled off and inserted into the Inlay, and then the backing paper and the face papercan be laminated.

A7000plus Details

- Inlay detection, rejection and automatic supplementary functions
- Die-cut Inlay cutting station
- Programmable gluing system with take-back and quantitative control
- Semi-rotary die-cutting station
- The main body adopts 25mm thick wall panel structure
- Modular design, function expansion and upgrade are more convenient
- Heavy-duty die-cutting mechanism for steel thick wall panels

P-Mac Motion Control System, with short response time, more information can be processed at the same time. Better accuracy of alignment among Inlay, face paper and the back paper, including the process of machine speeding up and down, as well as at high speed or normal speed.

With thick steel wall plate of machine, the die-cutting station works more stable. Supporting more kinds of RFID label product.

Using die-cutting mechanism for inlay cutting, compared with the traditional scissor cutting mechanism, it is faster, more stable, more accurate, more compatible, even for Inlay with much smaller pitch.

Utilizing high-frequency vibrations to instantly seal fabric labels through melting, it achieves fray-free, threading-free, and adhesion-free edges, enabling precise cutting and waste removal. Suitable for fabric labels and similar products.

It has the ability to produce two rows of separate Inlay simultaneously, production capacity is one time with same speed and accuracy.

Gluing system：The Glue amount is Programmable, with automatic glue withdrawing and partial gluing function, leading to improve gluing quality and glue saving; the glue withdrawing system could greatly reduce the QTY of bad label due to extra glue when machine running resume.

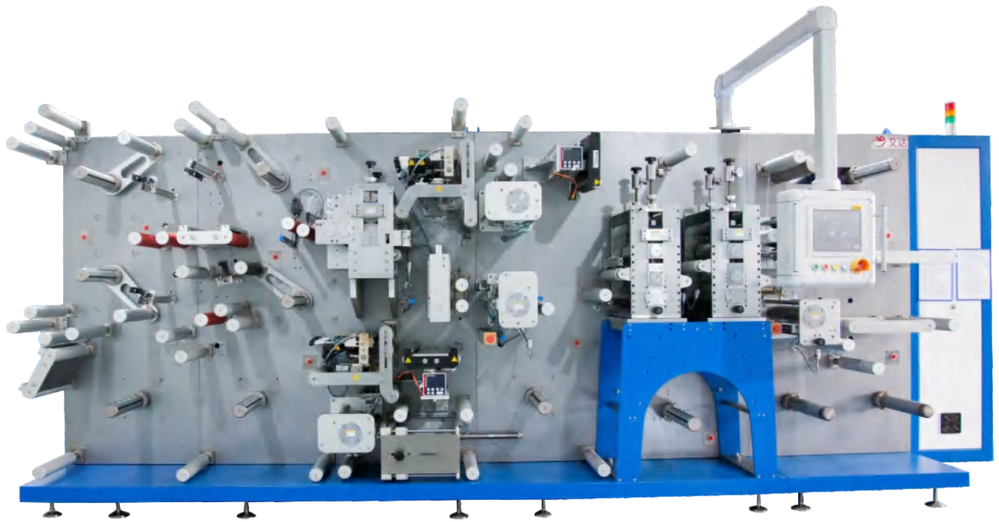
Technical Parameters

Name of the parameter	Numerical values	Name of the parameter	Numerical values
Max. Operating Speed	Stable Speed: 60 m/min (Running speed depends on the actual situation)	Web Axial Positioning Accuracy	±0.5mm
Inlay max. unwinding roll width	190mm	Inlay Cutoff Accuracy	±0.5mm
Inlay max. rewinding roll width	190mm	Inlay Positioning Accuracy	±0.5mm
Inlay max. cut-off pitch	90mm	Web Registration Accuracy	≤±0.5mm
Max. width of substrate	190mm	Die Cutting Accuracy	±0.5mm
Max. die-cutting length	up to 550mm	Outline Die-cutting Accuracy	≤±0.5mm
Max. die-cutting width	up to 190mm	Dual-layer Printing Lamination Accuracy	≤±0.5mm

Roll Converting Solutions

A8000 Converting Machine

Device introduction video



Device Function

- Multi-station unwinding, width up to 350mm
- 700mm large unwinding, suitable for large order production
- Unwinding with deskew
- Inlay cutting
- Base paper, face paper, Inlay automatic registration
- Gluing system
- P-Mac Motion Control System
- Die-cut Inlay cutting station
- Programmable gluing system with take-back and quantitative controll changes.
- Standard steel thick wallboard with upper and lower die-cutting stations,which can be fully cut or half-cut
- Die cutting station
- Finished reel collection
- Pneumatic slitting knife,suitable for multi-row simultaneous production

Technical Features

- P-Mac Motion Control System
- Format width up to 350mm
- Die-cut Inlay cutting station
- It can peel off double-side printed labels after inlay inserted, and then laminate the backing paper and the face paper again
- Programmable gluing system with take-back and quantitative control
- The main body adopts 30mm large wall panel structure
- 700mm large unwinding structure, the unwinding positions are all under the machine, which is easy to operate.
- Standard steel thick wallboard with upper and lower die-cutting stations,which can be fully cut or half-cut

A8000 Details

P-Mac Motion Control System, with short response time, more information can be processed at the same time. Better accuracy of alignment among Inlay, face paper and the back paper, including the process of machine speeding up and down, as well as at high speed or normal speed.

Web width is up to 350mm, Maximum outer diameter of unwinding roll is up to 700mm, unwinding unit is installed at under part of the machine, high safety and easy to operate.

With thick steel wall plate of machine, the die-cutting station works more stable. Double side die-cutting could be done at one time, supporting more kinds of RFID label product.

Gluing system:The Glue amount is Programmable, with automatic glue withdrawing and partial gluing function, leading to improve gluing quality and glue saving; the glue withdrawing system could greatly reduce the QTY of bad label due to extra glue when machine running resume.

Independent four-row Inlay unwinding system□It has the ability to produce four rows of separate Inlay simultaneously, production capacity is three time with same speed and accuracy.

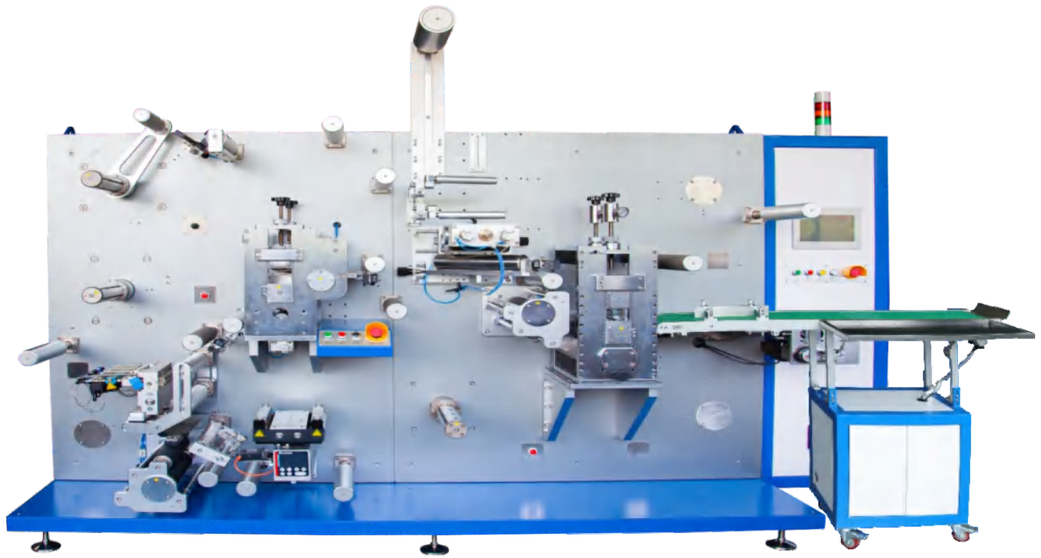
Technical Parameters

Name of the parameter	Numerical values	Name of the parameter	Numerical values
Maximum production speed	60m/min	Web guiding accuracy	±0.5mm
Maximum width of Inlay layer	340mm	Inlay cutting accuracy	±0.5mm
Maximum Inlay cut-off length	90mm	Dry Inlay upsizing accuracy	±0.5mm
Max. width of substrate	350mm	Web alignment accuracy	±0.5mm
Label length	up to 550mm	Die-cutting accuracy	±0.5mm
Label width	up to 340mm	Unwinding and Winding outer diameter	500mm

Sheet-fed converting solutions

A5000 Converting Machine

Device introduction video



Device Function

- Unwind: 2 rolls including 1 Substrates Inlay Unwinder
- Rewind: collecting waste, a total of 1 discharging mechanisms
- Multi-station unwinding
- Unwinding with deskew
- Inlay cutting
- Bottom paper, face paper, Inlay automatic registration
- Gluing system
- Die cutting station
- Waste rewinding
- Finished sheet collection platform
- Finished collection
- Configurable four-layer composite function
- 12-inch operation touch screen

Technical Features

- P-Mac Motion Control System
- Substrate folding compound, zero error in nesting
- Using die-cutting mechanism for inlay cutting
- With thick steel wall plate of machine
- Gluing system
- Garment hangtag special equipment
- Finished product detection waste picking, visual recognition automatic palletizing function
- Compact structure (shorter paper path, material saving)

A5000 Details

P-Mac Motion Control System, with short response time, more information can be processed at the same time. Better accuracy of alignment among Inlay, face paper and the back paper, including the process of machine speeding up and down, as well as at high speed or normal speed.

Using die-cutting mechanism for inlay cutting, compared with the traditional scissor cutting mechanism, it is faster, more stable, more accurate, more compatible, even for Inlay with much smaller pitch.

Substrate folding and compounding to achieve zero error in nesting.Then the process fold the base material in half, insert the inlay in the middle, and die-cut the finished product.

Leading to improve gluing quality and glue saving; the glue withdrawing system could greatly reduce the QTY of bad label due to extra glue when machine running resume.

With thick steel wall plate of machine, the die-cutting station works more stable. Supporting more kinds of RFID label product.

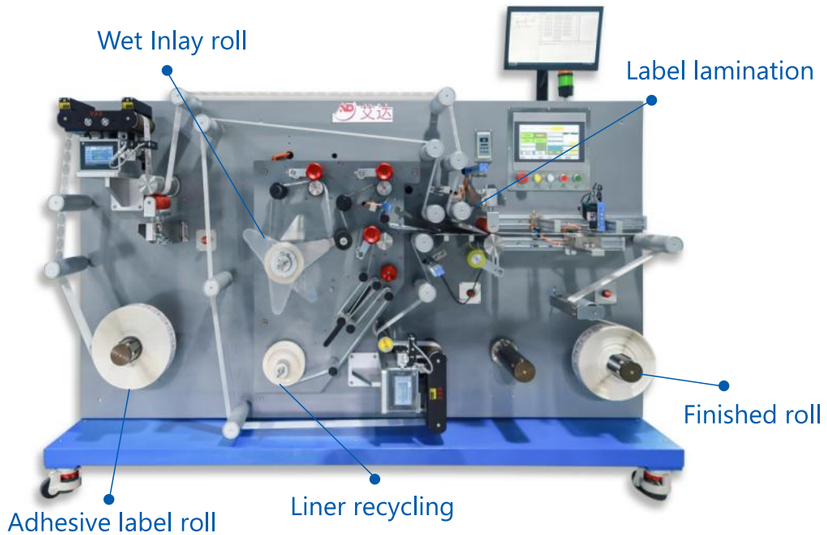
Technical Parameters

Name of the parameter	Numerical values	Name of the parameter	Numerical values
Maximum production speed	80m/min	Web guiding accuracy	±0.5mm
Maximum width of Inlay layer	110mm	Inlay cutting accuracy	±0.5mm
Maximum Inlay cut-off length	90mm	Dry Inlay upsizing accuracy	±0.5mm
Minimum Inlay cut-off length	15mm	Die-cutting accuracy	±0.5mm
Max. width of substrate	250mm	Maximum substrate unwinding diameter	700mm
Minimum label size	22*15mm	Unwinding and Winding outer diameter	500mm
Maximum label size	550*180mm	Machine Size	Length 3.4m Width 1.4m Height 2.4m

A-200 Converting Machine

Device introduction video

Budget-Friendly Excellence



Equipment Functions

- Correction control: Independent correction control
- Label lamination: Adhesive label and wet inlay lamination
- Finished product collection: Roll collection
- Detection function: UHF online detection and defective product marking function (optional)
- Visual inspection: Visual inspection function (optional)

Equipment Specifications

Name of the parameter	Numerical values	Name of the parameter	Numerical values
Maximum operating speed	60 meters per minute (depending on the function and label conditions)	Finished label roll size	Maximum diameter: 400 mm
Maximum Inlay roll size	Maximum roll width: 120 mm, maximum diameter: 400 mm	Power supply	380V 50Hz 60A 23 kW
Adhesive label roll size	Maximum roll width: 190 mm, maximum diameter: 600 mm	Working air pressure	0.5 MPA, 100 liters/min
Equipment dimensions	Length 2.2 meters, Width 1 meter, Height 1.45 meters	Equipment weight	500 kg

ACD-200 Visual Inspection Machine

Device introduction video

Detection Machine

Device Function

- Appearance inspection: Check for NG MARK and visible dirt and ink spots.
- Inlay size detection: the margin from Inlay to facestock, the margin from facestock to liner, and the spacing between two labels.

Technical Parameters

Name of the parameter	Numerical values	Name of the parameter	Numerical values
Maximum mechanical speed	60m/min	Maximum roll width at the infeed and take-up stations	115mm
Power supply	220V 50Hz 10A	Maximum diameter of the infeed and take-up reel stations	500mm
Weight	100KG	Equipment external dimensions	Length 2.5m,Width 0.74m, Height 1.6m,

RF-608D

Roll tag high-speed coding, UV digital printing, AI product inspection, defective product identification all-in-one machine

Device introduction video

Technical Parameters

Model: RF-608D			
Running Printing Speed	0-50m/min	Max.web width	30-200mm
Power/voltage	5Kw/220VAC	Jet printing width	608:54mm 608D：54×2=108mm
Nozzle	Japanese Ricoh G5/G6	Print resolution	600x200-1200DPI
Image+data management	High-speed PDF + Variable data printing	Visual inspection	OCR 1.3 megapixel Or 2K line scan
Colour	A color	Ink type	LED curing UV ink
RFID encoding speedpieces	0-15 per second	Machine Size	L 2600mm * W 1300mm * H 1900mm

Working Mode

- Defective product identification
- Chip detection
- Individual RFID code
- UV digital printing

Device Function

- Reduce manual intervention and improve efficiency
- Intelligent automatic production mode can be realized
- Meet the needs of personalized module configuration
- Meet the production needs of various labels
- Realize fast and accurate printing and registration
- AI quality inspection + automatic modeling

SC-801D

RFID tag high-speed coding, UV digital printing, AI product inspection, defective product rejection all-in-one machine

Device introduction video

Working Mode

- AI visual quality inspection
- Chip detection
- Defective product rejection
- Individual RFID code
- Automatic complement
- UV digital printing

Technical Parameters

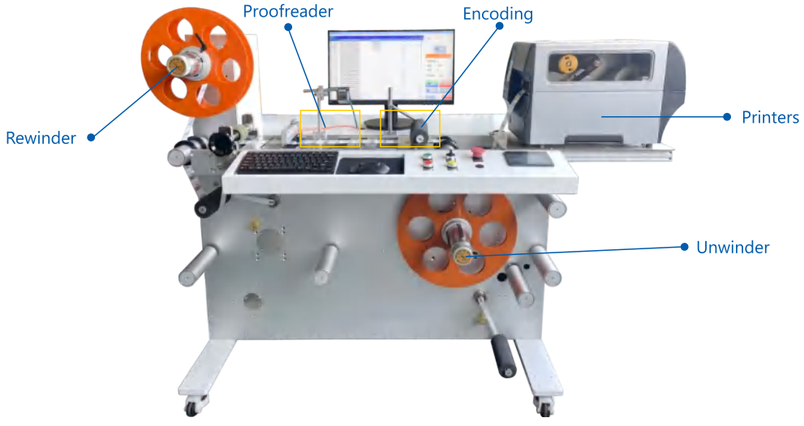
Model: SC-801D			
Running printing speed	10-100m/min	Max.web width	28-200mm
Power/voltage	6kw/220VAC	Jet printing width	54/108mm
RFID encoding speedpieces	0-15 per second	Machine Size	L 4500mm * W 1300mm * H 1800mm

Device Function

- **Reduce manual intervention and improve efficiency**
  The software can automatically monitor and control equipment, feeding, high-speed RFID coding, digital UV printing, AI quality inspection, defective product identification,automatic forward and reverse, complement, receiving and other functions, reduce manual intervention, and ultimately improve single-machine data management and production efficiency.
- **Intelligent automatic production mode can be realized**
  Support docking with the user's MES system, automatically complete the download and upload of data, and realize the intelligent automatic production mode.
- **Meet the needs of personalized module configuration**
  Modular hardware and software configuration, can customize equipment according to customer needs, to meet personalized functional module configuration.
- **Meet the production needs of various labels**
  The product has wide applicability, supports the normal production of labels with a width of about 10MM (jump distance direction), and does not have high requirements for the surface coating of materials. One device can meet the production needs of most labels.
- **Realize fast and accurate printing and registration**
  The self-developed high-precision tension control system + forward and reverse deviation correction positioning system realizes the reverse positioning of the label after shutdown and startup, without manual intervention, and realizes fast and accurate printing and positioning;
- **AI quality inspection + automatic modeling**
  The equipment can be equipped with a high-speed visual quality inspection module, real-time AI quality inspection, automatic modeling, and solve printing quality problems such as broken lines, missed printing, and wrong printing.

RF-300 Multifunctional Encoding Machine

Device introduction video



Technical Specification

- Max.Mechanical Speed: 500 Pcs/min(running speed depends on the job)
- Weight: 300kg
- Unwind: Max. web width 190mm;Max.diameter 400mm
- Rewind: Max. web width 190mm;Max. diameter 400mm
- Machine Dimensions: Length1.33m,Width 0.93m,Height1.08m
- Power Supply: 220V 50HZ 1.5kw

Major Functions

- Thermal transfer printing of wash mark labels
- Inspecting of defective products
- Reader detection and printing of barcode proofreading
- Reader encoding

Encoding Mode

Encoding Mode	Function
Excel data encoding	Write the EPC and USER area in the order of data, and the parameters are set in the setting interface.
Associated encoding	1. Import the data source (the label has generated the surface information), match the data of EPC and USER area according to the QR code and barcode on the label, and then write to the area specified by the label according to the interface parameters. 2. The barcode or 2D code of the label is scanned at the second process station, and the data in the EPC/USER area of the label is read to match the data source, and a correct match means that the data of the label is correct.
Direct encoding	If there is no data source and there is surface information (2D code or barcode) on the label, the scanned information data is written to the designated area by the writing process station; the back-end inspection station compares the scanned and read data and passes if it is correct.
Read TID to write EPC	In the case of no data source, read the TID to write the TID information on the EPC and tag, sweep to the TID and write the information.
Print labels and writing data	1. Call Bartander from the host computer and use Bartander software. The customer can choose to use Bartander to design templates and transfer data to Bartander. 2. The host computer controls the number of prints and calls the associated write code function.
Single detection mode	In the case of no data source, read-only tags have TID/EPC/USER and display data in the order of the tags. When there are no parameters, the system automatically generates data tables.

RF-500 Encoding and Rechecking Machine

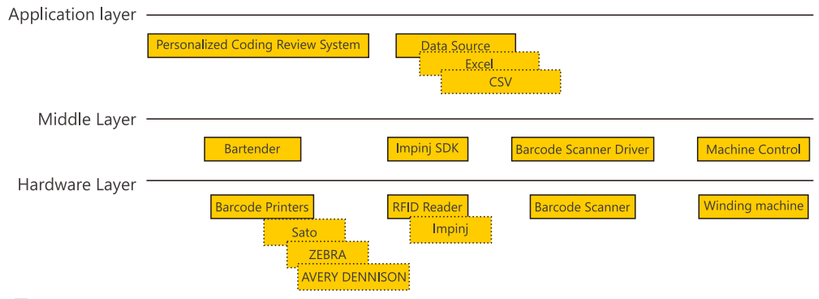
Device introduction video

Overview

Surface printing and RFID encoding based on barcode printers, then we use readers such as impinj to re-inspect the RFID coded content, and using a barcode scanner (1D/2D) to check the matching of the printed content on the surface.

Frame

- Software



Hardware System

- Working mode: step
- Working method: The upper computer sends commands to the PLC to control the machine through serial port/UsB and other communication methods to control by the upper computer
- Emergency stop button: cut off the power supply of the motor (will not affect the operation of the host computer)
- Power button: cuts off power to the entire device

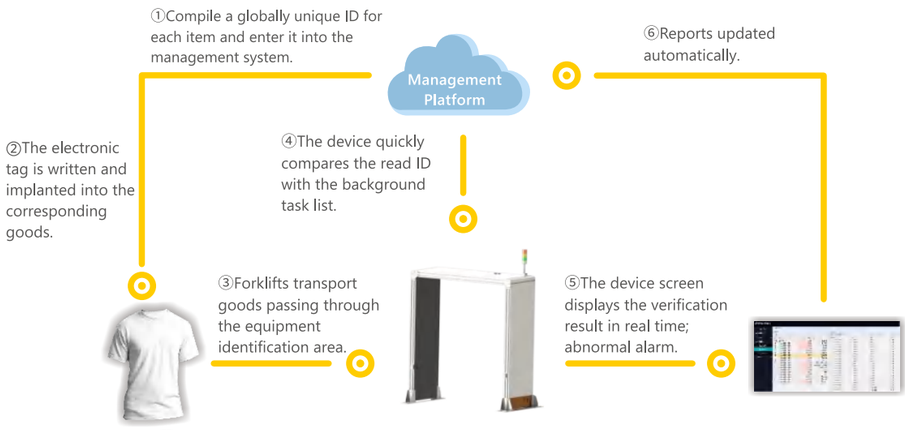
Intelligent Door Channel Machine

Product Introduction

Smart storage series is an enterprise digital transformation solution launched by Ada (Guangdong) Smart Equipment. Using electronic tags as the main carrier of product IDs will revolutionize the traditional management model based on barcodes. Integrating cutting-edge technologies such as RFID, 5G, and AI, to build a smart application system for the Internet of Things, empowering links such as receipt and delivery, inventory, sorting, transfer, and return, to help companies reduce costs and increase efficiency, prevent counterfeiting and anti-smuggling, and reduce management burdens.

The machine mainly used in warehouse inventory operations. Automatic counting can be carried out under the condition of fast-moving and large-scale stacking of goods. Through the advanced dynamic and static recognition algorithm, the problem that the open structure is susceptible to environmental interference is effectively solved, and the vehicle-mounted goods can also realize the Internet of Things mode. Doubling efficiency and simplifying management.

Equipment Operation Process



RFID Channel Machine

Device introduction video

Product Introduction

The RFID channel machine is the most automated full-box reading device in the RFID smart warehouse series, which is suitable for factories and warehouse logistics centers with sufficient space.

When using the equipment, put the whole box of clothing with RFID tags on the transmission line at the front of the equipment. The pre-installed MILAN system of the equipment controls the transmission line through photoelectric induction, and the single box is lined up in an orderly manner into the channel for scanning. After the scanning is completed, it is sent out by the rear conveying line of the equipment. When there is an abnormal situation, the device will remind operators to check the machine in the form of warning sound and screen pop-up window. The equipment is easy to operate, has high scalability, and can seamlessly connect with the existing logistics system to achieve the most efficient logistics operations

Product Features

- Pipeline operation
- Counting quantity automatically
- Confirm documents automatically
- AI automatic judgment
- Free expansion of software modules
- High reading accuracy and fast speed

Specifications

- Read Performance
  - The maximum size of the identifiable box : 100*80*80cm(length*width*height)
  - The minimum size of the identifiable box : 30*30*20 cm(length*width*height)
  - Recognition accuracy : 100%(the whole box within 200 pieces)
  - Maximum recognizable quantity : 500(apparel)
  - The maximum weight of the identifiable box : 40Kg
- RFID
  - Protocol : ISO/IEC18000-6C, EPCGlobal Class1 GEN2
  - RF Range : 10dBm~30dBm
  - Frequency : UHF 800MHz~900MHz
  - Maximum read speed : 1000tag/s
- Mechanical/Display
  - Main body size : 180*110*180cm(length*width*height)
  - Body weight : 650Kg
  - Total length of equipment(Including front and rear transmission lines, universal ball table) : 5.8m
  - System/Display : windows/17 inch touch screen
  - Communication interface : RJ-45*1/USB*5
- Electrical Environment
  - Operating voltage : AC220V-50/60Hz
  - Power consumption : 2.0KW
  - Humidity : 10%~70%
  - Operating temperature : -10~+40℃
  - Storage temperature : -20~+60℃

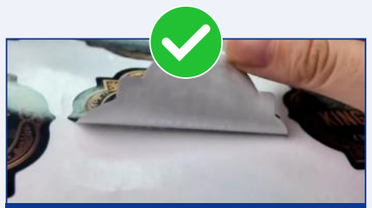
ULC350 Laser Die-cutting Machine

APPLICATION MATERIALS:
Self-adhesive, PVC film, cardboard, coated paper (non-metallic materials)

EQUIPMENT ADVANTAGES

---- Proprietary White-Edge-Free Technology ----

Automaic QR code replacement
No manual opeartion required



No knife marks on the backing paper
(Ada laser die cutting effect)

The backing paper has knife marks
(Ordinary laser die cutting effect)

CORE TECHNOLOGIES

- Die-free system
- Metal RF laser source
- Ultrasonic web guiding
- Intelligent diagnosis
- Cloud-connected mobility
- Cutting parameter library
- QR dynamic pattern switching
- On-the-fly cutting

RFID LABEL PRODUCTION SOLUTION PROVIDER

ULC350 Details

Ordinary Laser
Die Cutting Effect

Ada Laser Die Cutting Effect
(no white or yellow edges)

Main Frame
Integrated steel frame with anti-aging treatment

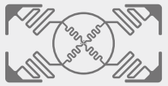
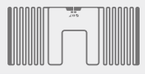
Moving Parts
Servo motor+ encoder closed-loop control

Intelligent Systems
Laser processing, ultrasonic intelligent deviation correction, convection smoke extraction,intelligent tension control

Product Parameters

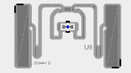
Model	ULC350	Model	ULC350
Die-Cutting Accuracy	±0.1mm	Laser Power	150-300w
Maximum Cutting Width	350mm	Slitting	◆ STD ◇ OPT
Maximum Material Width	350mm	Cold Lamination	◆ STD ◇ OPT
Maximum Roll Diameter	700mm	Fume Purification	◆ STD ◇ OPT
Supported File Formats	AI/BMP/PLT/DXF/DS/PDF	Dual Rewinding	◇ STD ◆ OPT
Equipment Dimensions (L×W×H)	4560×1257×1870mm	QR Code Pattern Switching	◇ STD ◆ OPT

ZSF UHF inlay List (CHINESE CHIP)

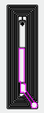
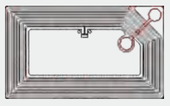
Item no	Antenna size	Chip	EPC Memory	USER Memory	Reading range	Antenna Profile	Application
ZSFKX2005XGB118	45.5×45.5mm	KX2005XGB	128 Bits	1312 Bits	6-8m		Logistics、Archives management
ZSFXGB131	76×38mm	KX2005XGB	128 Bits	1312 Bits	6-10m		Air transport
ZSFXS242	93×24mm	KX2005XS	128 Bits	0 Bits	12-15m		Logistics、Storage
ZSFXS171	30×50mm	KX2005XGB	128 Bits	0 Bits	3-7m		Apparel、Retail
ZSFXS137	50×30mm	KX2005XGB	128 Bits	0 Bits	3-7m		
ZSFKWONLY1 160		ONLY 1	0 Bits	0 Bits	5-8m		
ZSF51E215		FM13UF0051E	160 Bits	32 Bits	3-8m		
ZSFXS127	70×14mm	KX2005XS	128 Bits	0 Bits	3-6m		
ZSFKWONLY1 159		ONLY 1	0 Bits	0 Bits	3-6m		
ZSF51E217		FM13UF0051E	160 Bits	32 Bits	3-6m		
ZSFXS136	42×15mm	KX2005XS	128 Bits	0 Bits	3-5m		
ZSFXS151	96×3.6mm	KX2005XS	128 Bits	0 Bits	3m		File&book management
ZSFKWONLY1 192		ONLY 1	0 Bits	0 Bits	3m		
ZSFXS145	27×12mm	KX2005XS	128 Bits	0 Bits	2-3m		Jewelry、Retail
ZSFXS152	34×18mm	KX2005XS	128 Bits	0 Bits	3m		Retail、Medicine
ZSFXS125	46×12mm	KX2005XS	128 Bits	0 Bits	1-3m		Medicine、Food
ZSFXGB133	45×45mm	KX2005XGB	128 Bits	1312 Bits	5-8m		Logistics、Storage
ZSFKWONLY1 191	42×16mm	ONLY 1	0 Bits	0 Bits	3-5m		Apparel、Retail
ZSF51E216	41.5×16mm	FM13UF0051E	160 Bits	32 Bits	3-8m		

We could customize antenna mode according to diversified needs.

ZSF UHF inlay List (IMPORTED CHIP)

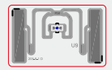
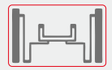
Item no	Antenna size	Chip	EPC Memory	USER Memory	Reading range	Antenna Profile	Application
ZSFU8115	96×26mm	NXP UCODE 8	128 Bits	0 Bits	12-15m		Logistics、Storage
ZSFU9208	50×30mm	NXP UCODE 9	96 Bits	0 Bits	5-8m		
Avery AD387 U9 ARC		NXP UCODE 9	96 Bits	0 Bits	5-8m		
Checkpoint Zephyr M730 ARC		IMPINJ M730	128 Bits	0 Bits	5-8m		
ZSFR6P214		Impinj MR6-P	96/128 Bits	64/32 Bits	4-7m		
ZSFU9200	70×14mm	NXP UCODE 9	96 Bits	0 Bits	5-8m		
ZSFU9205		NXP UCODE 9	96 Bits	0 Bits	5-8m		
ZSFM730196		IMPINJ M730	128 Bits	0 Bits	5-8m		
Checkpoint Triumph M730 ARC		IMPINJ M730	128 Bits	0 Bits	5-8m		
Avery Belt M750 ARC		IMPINJ M750	96 Bits	32 Bits	5-8m		
Avery AD23X U9 ARC		NXP UCODE 9	96 Bits	0 Bits	5-8m		Apparel、Retail
ZSFR6P181		Impinj MR6-P	96/128 Bits	64/32 Bits	4-8m		
ZSFU9224	42×16mm	NXP UCODE 9	96 Bits	0 Bits	3-5m		
Checkpoint Vortex M730 ARC		IMPINJ M730	128 Bits	0 Bits	3-5m		
Checkpoint Vortex U9 ARC		NXP UCODE 9	96 Bits	0 Bits	3-6m		
Checkpoint Breeze M730 ARC		IMPINJ M730	96 Bits	0 Bits	3-6m		
Benotag M730		IMPINJ M730	128 Bits	0 Bits	3-6m		
ZSFR6P213		Impinj MR6-P	96/128 Bits	64/32 Bits	3-5m		
ZSFM730255	33×13mm	IMPINJ M730	128 Bits	0 Bits	3-6m		
H47 M4E	44×44mm	IMPINJ M4E	496 Bits	128 Bit	5-8m		Logistics、Heath care

UHF Inlay List

Item no	Antenna size	Chip	Agreement	Antenna Profile	Application
ZSFF0S8232	D=28mm	FM11RF08S	ISO/IEC 14443-A		Various Anti-Counterfeiting HF Product Labels
ZSFF0S8243	40X16mm	FM11RF08S	ISO/IEC 14443-A		Various Anti-Counterfeiting HF Product Labels
ZSFF0S8251	15.4X52mm	FM11RF08S	ISO/IEC 14443-A		Various RFID Wristbands
ZSFF0S8234	D=22mm	FM11RF08S	ISO/IEC 14443-A		Various Anti-Counterfeiting HF Product Labels
ZSFF0S8233	26X11mm	FM11RF08S	ISO/IEC 14443-A		Various Anti-Counterfeiting HF Product Labels
ZSFF01235	D=15mm	FM13HF01-FN	ISO15693		Various Anti-Counterfeiting HF Product Labels
ZSFT022247 (双排/Double Row)	D=15mm	FM11NT022	ISO/IEC 14443-A		Various Anti-Counterfeiting HF Product Labels
R-00355-004	18X8mm	FM11NT022	ISO/IEC 14443-A		Various NFC Anti-Counterfeiting Labels
ZSFNTAG213	D=25mm	NTAG213	ISO/IEC 14443-A		Various Anti-Counterfeiting NFC Product Labels
NT590 NTAG213	38X22mm	NTAG213	ISO/IEC 14443-A		Various NFC Wristbands
ZSFFJ213	D=40mm	FJ213	ISO/IEC 14443-A		Various Anti-Counterfeiting HF Product Labels

We can customize products according to different needs.

RFID Label Product List

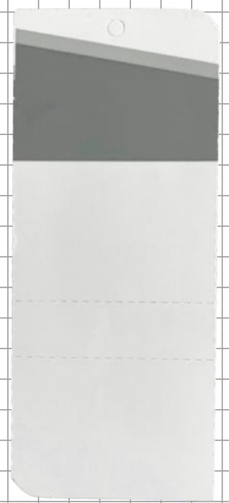
Item no	Products name	Size	Material	Antenna size	Chip	Profile	Remark
A-0092-616	RFID BLANK LABEL	54×34mm	80g coated paper	50×30mm	NXP U9 OR U9XE		2000pcs/Roll
A-0092-376 ARC	RFID BLANK LABEL	54×34mm	80g coated paper	50×30mm	NXP U9		2000pcs/Roll
C-0642-042 ARC	RFID BLANK LABEL	54×34mm	80g coated paper	50×30mm	IMPINJ M730		2000pcs/Roll
R-00094-006 ARC	RFID BLANK LABEL	45×20mm	80g coated paper	42×16mm	IMPINJ M730		2000pcs/Roll
A-0092-324	RFID BLANK LABEL	45×20mm	80g coated paper	42×16mm	Kiloway XS		2000pcs/Roll
C-0504-116 ARC	RFID BLANK LABEL	73×20mm	80g coated paper	70×14mm	M730		2000pcs/Roll
A-0092-404	RFID BLANK LABEL	73×20mm	80g coated paper	70×14mm	kiloway XS		2000pcs/Roll
R-00239-026 ARC	RFID BLANK LABEL	100×30mm	80g coated paper	96×26mm	U8		2000pcs/Roll
A-0092-700	RFID BLANK HANGTAG	90×45mm	both side are 200g coated paper	70×14mm	Fudan 51E		PCS FORMAT
A-0092-689	RFID BLANK HANGTAG	100×50mm	both side are 200g coated paper	70×14mm	kiloway XS		PCS FORMAT (WRITE ONE TIME)
A-0092-522	RFID ANIT-METAL TAG	65×35mm,70×30, 60×25, 105×25	50 um White PET	131×38mm	IMPINJ MR6P		300pcs/ROLL
A-0092-359	RFID ANIT-METAL TAG	80×50mm	50 um White PET	190×56.5mm	IMPINJ MR6P		250pcs/ROLL
R-00020-130 ARC	RFID nylon washcare tag	70×30mm, 55×30, 60×30,70×38	both side Nyon fabric	42×16mm	IMPINJ M730		2000pcs/ROLL
ARC	RFID satin washcare tag	70×30mm,55×30, 60×30,70×38	both side satin fabric	42×16mm	IMPINJ M730		2000pcs/ROLL
C-0482-262	RFID BLANK HANGTAG	85×45mm	Both side are 157G coated paper	50×30mm	ONLY 1		1000PCS /BOX
C-0482-394	RFID BLANK ROLL HANGTAG	100×45mm	Both side are 157G coated paper	30×50mm	ONLY 1		800PCS/ROLL
R-00108-008	RFID WRISTBAND	254×28mm, 279.4×25.4mm	Thermal synthetic paper	38×22mm	NTAG213		500PCS/ROLL
R-00105-106	RFID Flag label	73×23mm	50# white PET	31.5×18mm	Kiloway XS		2000pcs/ROLL
R-00181-003	RFID jewelry label	78×32mm	75# synthetic paper	27×12mm	Kiloway XS		2000pcs/ROLL
C-0630-004	RFID PVC carrd	86×54mm	PVC MATERIAL	70×14mm	IMPINJ M730		200 PCS/BOX
	RFID PVC CARD	105×50mm	PVC MATERIAL	96×26mm	NXP UCODE 8		200 PCS/BOX
R-00321-002	RFID airline tag	539.75×54mm	Thermal synthetic paper	76×38mm	KILOWY XGB		500pcs/ROLL

Producible RFID Label Samples

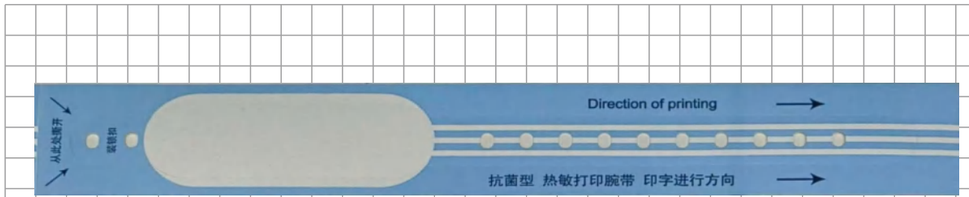
Silk-screen effecting Hangtag

Hot-stamped Hangtag

Rolled Hangtag



RFID Wristband



RFID Air Luggage Strip

Ultra-thin eco-friendly RFID Care Label

Nylon RFID Care Label

E-Code ultra-low cost RFID white label

Fragile label

Logistics label

Retail label