



Card-making Solution(Laminating, Cutting, Punching, Embossing, Gilding)

Add: Rm2104C, 21/F Tower 1 Admiralty Centre, 18 Harcourt Rd., Hong Kong

T: (852)399 22 390

M: (852)9289 9893

Skype: david-ait

E: sales@aitcl.com

www.aitcl.com

High speed Automatic Equipment

1.WL-FA5200 (PLC) professional PVC card making machine



We are factory to produce a set PVC card making machines (credit card making machines)

Product characteristic:

WL-FA5200 (PLC) professional PVC card making machine (credit card making machines) is the high efficiency equipment was made for professional manufacturer of IC, ID inlay. It is low wastage rate, easy to operate effectively. As the professional PVC laminator machine it also can satisfy the PVC card company and PVC card factory enough to produce the second generation identification cards and good quality certificate cards, banking cards, one card solution for bus , high way, social insurance card and so on.

It with simple man-machine screen, easy to operate, with HROA international standard oil cylinder, balance pressure, low noise and small vibration. Heating lamination plates are made of ductile iron, keep it never distortion. It is Suitable for laminating and processing all kinds of plastic cards (special for contactless IC card laminating and processing). Precision producing, whole sealed and beautiful outlook, it is the best choice for the standard workshop.

Technical parameter : (Credit card making machines)

Model	WL-FA5200 (PLC)
Touch screen	Imported 5.7" colored screen
Pressure method	Domestic hydraulic system
Pressure class	Heating pressure 5 steps, cooling pressure 1 step
Controlling method	PLC
Pressure range	(0-16-21)Mpa precision : ± 0.2 Mpa
Temperature range	(0-200) precision : ± 2
Max. laminating area	420mm \times 520mm
Laminating layer	5 heating and 5 cooling
Cooling method	Water cycle cooling
Heating method	Electric power(imported heating elements)
Power	380V 50HZ/20KW consumption 100%
Outlook design	Without luxurious cover , blue and white color
Dimension	2300 mm \times 630 mm \times 1550 mm
Weight	3.1t
Special function	Choosing manual/automatic open and close mould yourself

2. WL-HS-3A Automatic Card Punching Machine/Cutting Machine(3*7/3*8 format)



This model of card cutting machine is controlled through PLC from Mitsubishi/Omron of Japan and adopts the interface of man-machine of LC industry touch screen of color DSTN, Wein View MT508S 7.7" from Taiwan. The material feed system adopts the servomotor of Mitsubishi/Omron and high precision ball screw as well as plane guide imported from Japan. It moves smoothly, the move distance is accurate. It uses the high sensitive photoelectric recognizers from TAKEX of Japan to read the position marks. Positioning is accurate and reliable. The

hydraulic pump from Taiwan is low noise, large flow. The hydraulic valves from YUKEN of Japan and American sealing are long life for using. The die of hydraulic cylinder is dieing smoothly and steady, low noise. The mould is made by imported mould steel. The software function is strong; you can set 8 cards to the different step of distance, and ensure punching precision even in the situation of material distortion or mechanism worn. Punching speed is 30% higher than similar products.

Suitable for	0.3~1.0mm PVC and other plastic materials
Punch layout	3×8
The number of punches	3
Max punch strength	0~5000 kg adjustable
Cylinder travel	18mm
Hydraulic oil tank volume	120liter
Air source	0.6 MPa
Air consumption	100 L/min
Power source	AC380V 50/60Hz
Power	4.5kW
Production(cards)	2000~20000cards/hr
Dimension	L1850×W870×H1850mm
Weight	Appr.1000 kg

WL-EG-A full automatic embossing and tipping machine



Product Characteristics:

1. It is a highly intelligent code marking machine that combines marking big code and small code, gilding and collecting cards into one.
2. It adopts double hydraulic pressing drift as dynamo. It is stable in performance. The working speed and the code marking distance both are adjustable.
3. A mere shift made on the touch display can complete the task of marking big and small code and gilding simultaneously or separately.
4. Big and small characters can be arrayed for 20 rows at most. This can meet the need of marking banking cards.
5. The position of the character can be adjusted in such a bound in which the distance between the character and the long edge should not be nearer than 3.0mm.
6. The left-and-right distance error should be in the range of $\pm 0.5\text{mm}$, and the up-and-down distance error in the range of 0.25mm.
7. It can be programmed to remove the unwanted numbers.
8. It adopts PLC program to control the machine, so the machine is automatically operated. It will automatically stop and sound out alarms when there is no card in it or it breaks down.
9. It adopts user-friendly touch display operation manner, simple and convenient.
10. The moving rate of the gilding stripe can be adjusted so as to increase the utility of the gilding consumables.
11. The adoption of the double cartridges to collect cards reduces the rate of disorder.
12. The character is beautiful and full, which is compatible with the marking effect of the imported GM code marking machine.

Technology Parameter:

1. Package Size: 1670X780X1800mm
2. Net Weight: About the 800 Kgs
3. Power Supply: AC380V/50-60HZ 5KW
4. Air Supply: The 6 Kgs/ c m² (have no water)
5. Control Mode: Tread system+ the PLC procedure control
6. Production: 4000-5000pcs/hour

More equipment are available:

Middle Automatic Equipment**1. WL-FA2000-5 Mifare/Proximity Card and Inlay laminator machine**



WL-FA2000-5 laminator machine is the update for WL-FA2000-3, it is highly efficient, intelligent, full automatic laminator machine, for it adopts the intelligently refrigeration system the water box outside the machine for cooling is not needed, WL-FA2000-5 is more convenient for office using. The first PVC card laminator model which has its own refrigeration system in it. The temperature is controlled by the smart digital meter. You need not do any other operations during it is working. The pressure is controlled by the digital meter, imported hydraulic pressure method, excellent calefaction, refrigeration elements make both heating and cooling equably. Double designing improve the working efficiency, it is more than doubled FA1000 laminator production this machine has fine-looking, stable performance. It is used for making any kinds of PVC cards, RFID cards, M1cards and EM cards.

Technological parameter

Laminate area: 210×297 mm

Laminate layers: 2 ~ 20 layers

Control mode: smart digital

Control bound of temperature: 0 ~ 150

Press method: hydraulic pressure (two classes pressure)

cooling method: refrigeration system cooling by circulation

Rated pressure: 2740 Kg

Working pressure 3 ~ 4.5 Mpa

Voltage 220 V

Power supply: 220VAC 50HZ

Power: 5300W

Size: 950×740×1530 mm

Net weight: 350kg

production 1000 pcs/hour

1.1 WL-FA2000 card making machine (smart card making machine, PVC card making machine, Plastic card making machine)



The WL-FA2000 card making machine (Plastic card laminating machine, PVC card laminator, Smart card laminator, card laminating machine, PVC card press machine, Plastic card making machine, automatic laminator, IC card making machine, ID card making machine, card equipment, PVC card making machines, Plastic card making machine, smart card making machine) is the newest and highest intellectual and fully automatic laminator. Intellectual number meter is used to control the temperature, and this laminator is equipped with excellent calefaction, refrigeration elements.

Its double design, water and air cooling mode makes this laminator two times more efficient than the WL-FA1000 Laminator in card making, together with a satisfactory cooling effect. The laminator is decent and beautiful in appearance, stable in operation, which is fit for making various kinds of PVC cards, contactless IC and ID cards. It will prove to be the best choice of the would-be professional card making customers.

Model: WL-FA2000 card making machine

Technology Parameter:

Lamination Area: 210 mm *297 mm

Temperature:0--150

Lamination Layers: 2--20 Layers

Control Mode: Smart Digital

Pressing Method: Hydraulic Pressure

Cooling method: Water and Air Cooling

Rated Pressure: 2740kg

Working Pressure: 3---4.5Mpa

Voltage: 220 V Power Supply: 220VAC 50HZ

Power: 5300W

Size: 750 mm*470 mm*1200 mm

Net Weight: 220 kg

Production Efficiency >800 pieces/hour

2. WL-HS-2B A4 Sheet Card Punching Machine/Cutting Machine



Introduction :

It is hole making and punching together machine .It is convenient to punch 10 cards layout, it is stable, you can get smooth edge, it is the sole choice which can compare with the professional high speed punching machine .The energy for punching is from hydraulic system, positioning adopts electric eye in center of PVC card sheet, high precision positioning, high speed. Mould is imported. It is convenient to change mould. It is safety to operate. It is very good for punching A4 size PVC or ABS card sheet .The punching result is good enough to compare with the full automatic and high speed punching machine, it is no need to cut edges, after cutting holes, punch card sheet directly .

Feature:

1. It adopts hydraulic system to punch ,punching is strong and little breakdown .
2. Positioning through center line, once positioning ,cut 5 times .
3. Assistant electric eye center positioning ,high precision and speed .
4. Hole making and punching are together
5. It is convenient to change moulds
6. Feeding and collecting are convenient .
7. Maintenance cost is very low.

Technical parameter :

Model	WL-HS-2B double cards punching machine
Punching size	CR80 (85.6mm × 54mm)
Feeding size	210 mm×297 mm
Punching thickness	0.3 mm - 1.2mm
Punching method	Hydraulic system

Punching action	Continuous
Power Supply	220V AC 50HZ
Power	2.2KW
Efficiency	3000cards/hour
Dimension	850 mm×410 mm ×1150 mm
G.W	200kg

4 . WL-2000 embosser machine



Techno-parameter

◆ **There are 65 characters on character set**

English letters A---Z
 Arabic numerals 0----9 Plus: 元, ¥, \$, NO.
 Symbol &, ', ., , -, (,).
 Arabic numerals
 (B) Symbol ., —, /, (,).
 Remark , .

◆ **Characters**

Adopt ISO international Credit card appropriate characters.

◆ **Alternation**

1/7 inch
 1/10 inch (only for small letters)

◆ **Cubage**

L330 * W260 * H125

◆ **Weight**

12kg

5, WL-160 gilding machine



WL-160 gilding press is run the gilding paper automatically which driven by electric power to rise of temperature and given pressure by hand. Gild letters, laciness and numbers on the VIP cards, certificate cards and banker's, cards etc.

In this way, the image on the card seems to have a third dimension and nice color.

WL series gilding machines are fine-looking, have blatant pressure, stable quality, and strong rigidity and convenient operation. Compared to the same kind's products, ours are more stable, cheaper and better service after sale. It's the ideal choice for business card or PVC card workshops, medium or tintype printing presses.

Running paper method: Automatic

Colors of gilding paper: golden, silver, red, black etc

Gild area: less than 100*160mm*mm

Efficiency: about 500sheet/h (gild one by one)

Voltage 220V Gross weight: 18.8kg or 42KG

Overall size: 50cm*33cm*42cm

Economic Equipment

1. WL-A4 Water & Air Cooling Laminator



WL-A4 Water & Air Laminator

The WL-A4 Water & Air laminator which is a highly efficient and intelligent PVC card making laminator. The temperature is controlled by the digital meter, which automatically carries on all the processes of heating, keeping a stable temperature, cooling. When the procedure is over, it will sound out a warning. The laminator is cooled by both air and water. You can add pressure directly through the handle wheel. The machine is marvelous with a fine-looking appearance stable performance, simple operation, advanced designing, reliable quality. High-quality heating and cooling elements make both heating up and cooling down well distributed, which avoids the wastes caused by excessive temperature differential because of the slow heating up and cool cast iron elements. Now it can laminate contactless IC & ID cards.

Lamination Area:210*297mm*mm

Pressing Method: with handle wheel

Cooling Method: water cooling and air cooling

Layers: 1~10sheet Room temperature~150C

Voltage: 220V Power: 220VAC 50Hz

Efficiency :> 400sheet/h Net Weight: 120kg

Size: 750mm*470mm*750mm

1.1 WL-FA1000 card making Laminator



WL-FA1000 laminator which is developed according to the needs of customers is a highly efficient,

intelligent and fully automatic PVC card making laminator. You needn't do any other operation when it's working. The automatic pressure mode is employed on this laminator. The temperature is controlled by the digital meter. The high-quality heating and cooling elements make both calefaction and refrigeration well distributed at a proper speed, which avoids the wastes caused by excessive temperature differential because of the slow heating up and cooling down cast iron. The water and air cooling mode accounts for its fast card making speed and good cooling effect elements. The machine is marvelous with a fine-looking appearance, stable performance, simple operation, advanced design and reliable quality, which is fit for making various kinds of PVC cards, contactless IC and ID cards.

Now it can laminate contactless IC and ID cards.

Lamination Area: 210mm *297mm

Lamination Layers: 1~10 sheet

Control Bound of Temperature: 0~150

Cooling Method: Water and Air Cooling

Rated Pressure: 20MPa

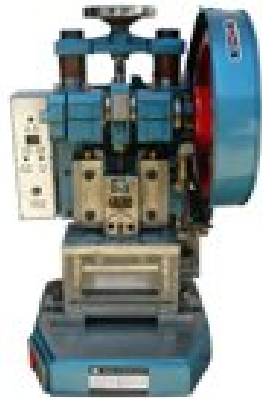
Working Pressure: 4.5MPa

Voltage: 220V Power: 220VAC 50Hz

Net Weight: 210kg Production Efficiency >600sheet/h

Size: 880mm*610mm*1170mm

2. WL-D5-1 Electric driven punching machine



We adopt the advanced technology, premium materials and highly precise devices to produce this kind of machine.

It has the characters of good rigidity, high precision, refined structure, top quality, stable, performance and safe and convenient operation. The major driving manner is that the electromotor drives the fly wheel, through the function of clutch to punch the cards. Because the punching the speed is fast and the power are strong, the edge of the cards is smoothly cut. The machines designed with precise automatic punching location holes.

It's the indispensable device for punching PVC cards. You can change the mold according to your demands.

Punching size: 85.7*54mm*mm

Punching thickness: 0.01-1.5mm

Power: 370w Voltage: AC220v 50/60Hz

Volume: 532mm*420mm*618mm

Weight gross/net: 146/136kg

3. PVC paper stainless steel cutter



This cutter for thick paper: this machine presses paper in form of waving and rotating. It is convenient and has suitable arrange. Cutting edge is made of excellent steel and conforms to international standard.

Cutting pan is shaped in one time and has a fine looking. Blade can be used for a long time. Also it has simple operation manner and the edge of paper is smoothly.

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