

Foreword

Thanks for purchasing our machine.

This machine is a kind of high-speed and high-precision multi-function full-auto card cutter. It can cut cards, photos and name card of the A3, A3+ and SRA3 sheet in a high-speed and exact way. It also can doing indentation ,folding. It is a practical post-press cutting processor.

Attention: please read this instruction manual thoroughly before starting work. It will help you acquire a full under-standing for using all auto cutter function safely and correctly.

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Chapter 1 Safety

- **To prevent accidents and dangers from happening, the operators are required to get familiar to the precautions of safety and completely understand the content therein before set-up, operation, check and maintenance.**

1 Precautions for safety







To prevent any accidents, please follow the precautions below strictly.

- (1) Have the ground-wire of the power supply well grounded.
- (2) In case of a long hair with the operator, please tie it when to operate the machine in order to avoid being rolled into it.
- (3) Do not touch the electric points and the loops with wet hand.
- (4) When to stop use of the machine, please cut off the power.
- (5) In case of an abnormality with the machine, cut off the power directly.
- (6) Please contact with the dealer when there is any question about the way of operation or work.
- (7) In case of a failure with the machine, please contact with the dealer, if it is no way to settle upon the way noted therein.

2 Label of warning

Operators are required to pay special attention to the places fitted with the warning labels during operation, check and maintenance.

Description of the warn labels

A	 Attention	Take care not to get clamped ● Please do not touch the moving part.
	possible to get clamped, do not touch it during movement.	
B	 Attention	Take care not to get electric shock ● Pay attention to the electric shock. Please take care not to get electric shock as there is a power when to maintain and check the machine. ● Do not touch it with wet hand.
	Do not touch it in order to avoid high voltage electricity.	
C	 Attention	Pay attention to the edge of the cutter ● Pay special attention to the edge of the cutter when to treat it.
	Possible to get injury during movement, do not touch the edge of the cutter with hand.	

3 Safety device

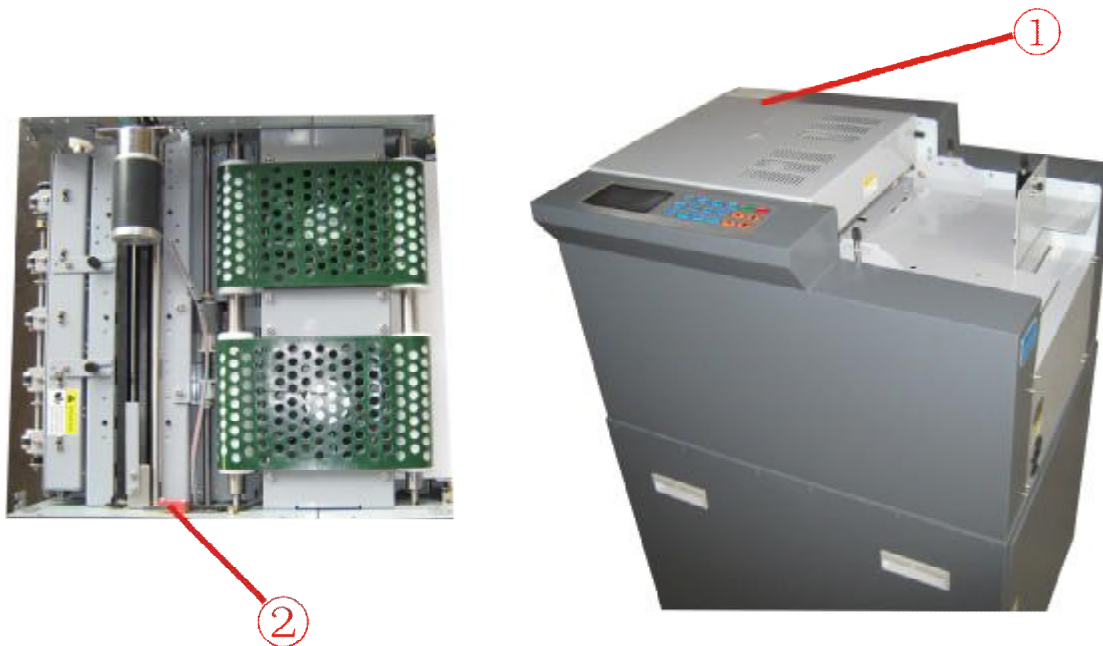
To prevent accidents and dangers, safety devices are set on the positions for the operator to be possible to touch.

Both top cover and lock cover are set to prevent any tools and clothes from being rolled into the machine due to carelessness of the operator.

Never do operation when the covers are opened. Once the lock cover is opened, the machine will stop moving right away.

1. upper cover

2. switch of lock cover



Chapter 2 General

In this chapter, the information related to “card cutting machine” is recorded.

1 Purpose of use

To have the printed name cards or photos automatically cut into the suitable sizes.

1-2 Main technical parameters

Way of cutting	Longitudinal: rolled cutting by a roller; horizontal: cutting by a lateral long cutter
Way of paper feeding	AIR
Size of paper	A3+(320×480mm);SRA3(320×450mm);A3(297×420mm);

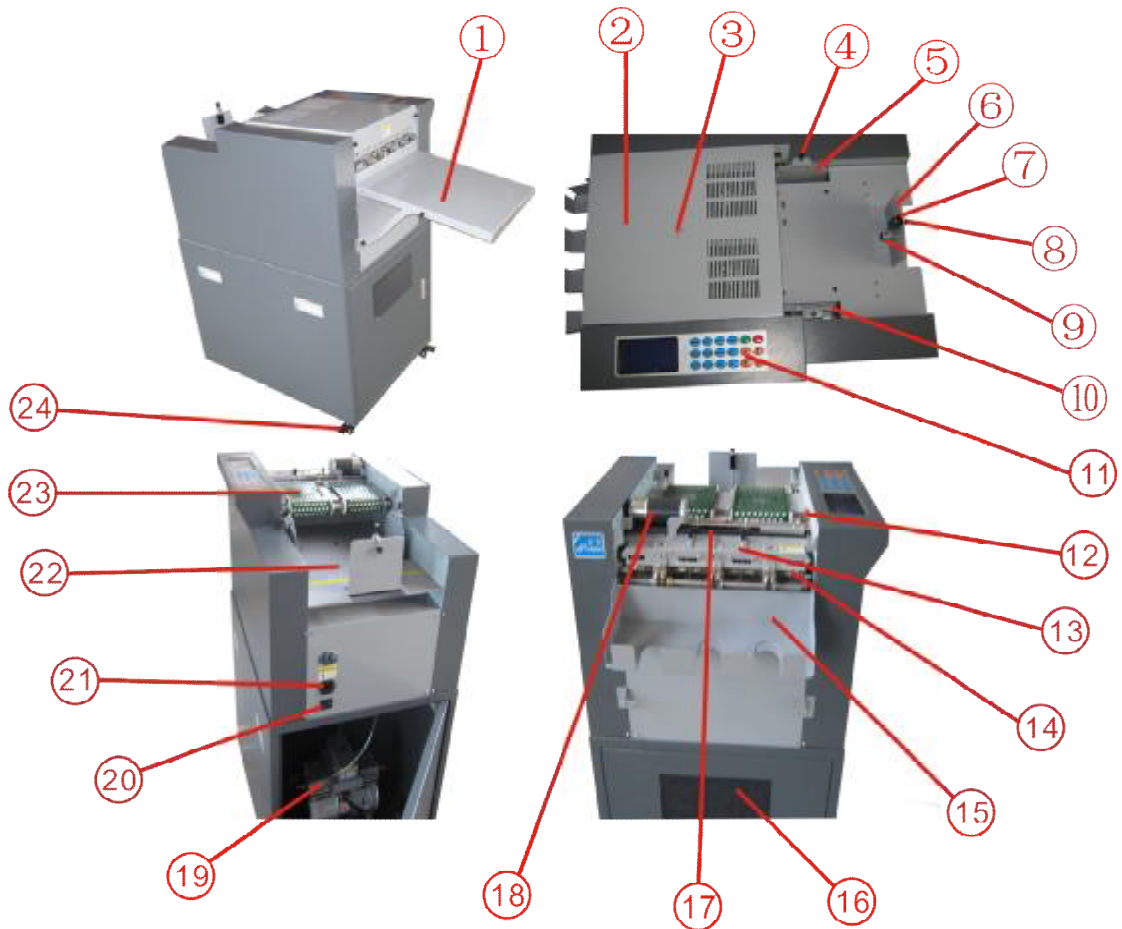
Thickness of paper	0.20mm(180g/m ²)---0.35mm(350g/m ²)
Paper nature	Common paper, quality paper, photo paper
Cutting speed	For name cards, about 250pcs/min
Cutting size	Longitudinal: 55 (or 54) mm and 89(or 85,90,95)mm Horizontal: 40-250mm, adjustable
Volume of paper	Maximum 225pcs (about 0.20mm thick) for name cards or total thickness 45mm
Volume of name card	180g/m ² 200×5pcs 350g/m ² 120×5pcs
Mechanical dimension	700mm×600mm×1030mm (L x W x H)
Environmental conditions	-15℃ ~ +40℃ humidity 35% ~ 70%
Weight	About 90Kg

3 Accessories with the machine

Please confirm the accessories below at unpacking.

No	Item	Quantity	Remark
1	Instruction	1	
2	Name card case	1	For collecting name cards
3	2-column longitudinal knife assembly	1	89mm or 85 , 90 , 95mm
4	3-column longitudinal knife assembly	1	89mm or 85 , 90 , 95mm
5	5-column longitudinal knife assembly	1	55mm or 54mm
6	screwdriver	1	Use for adjusting the paper thickness
7	Synchronous belt	1	
8	Roller blade box out of the paper	1	
9	Fuse wire	1	
10	Power line	1	

4 Main components



1.plat for the long cards

2.top cover (safe cover)

3.the cover for adjusting thickness

4.Guide board locking knob

5.right side paper plate

6.back press board

7.back press board Activity lever knob

8.back press board Roller rod locking knob

9.back press round

10.left side paper plate

11.operation panel

12.lock cover switch (safety cover swith)

13.Rotary blade

14.static-electric preventing hair

15.card collecting case

16.waste paper window

17.long blade

18.long blade motor

19.Silent air pump

20.power swith

21.plug base

22.paper feeding tray

23.The wind suction feed device

24.Activities of caster wheel

Chapter 3 Set-up, operation and maintenance

1 Set-up

1-1 opening the package

- (1) Take the machine out of the package.
- (2) open the waste paper door and take out the accessories.



Attention: Make a check of the contents after opening the package. In the unlikely event a component is missing or the outer case is scratched, please contact the store where you are purchased or your dealer.

1-2 The place and conditions where the machine is placed

Please use this machine in the place as below:

- Horizontally fixed place
- Well ventilated place
- Leave a proper workable space around the machine.
- As this machine is made with a precise mechanism and electronic elements, a failure may occur with it if used in the place as below:
- Direct sunshine
- Mists often happen
- Wet
- Available with fire
- Easily made wet by water

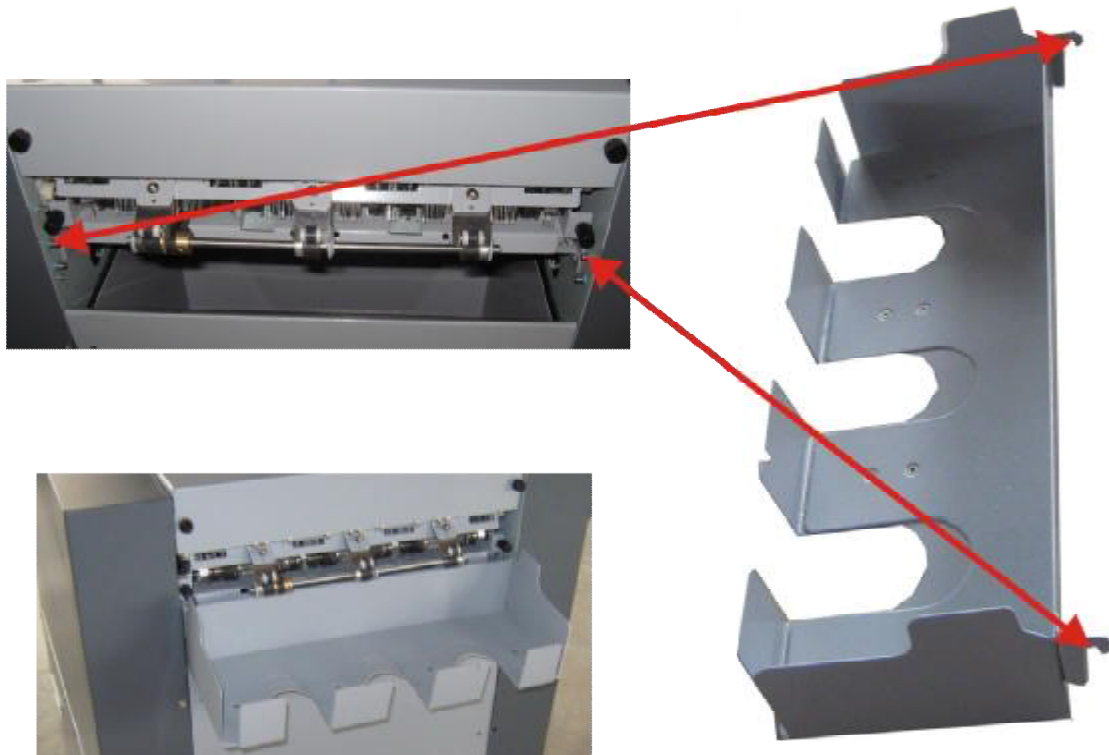
- Close to a cold-warm house
- Available with vibration



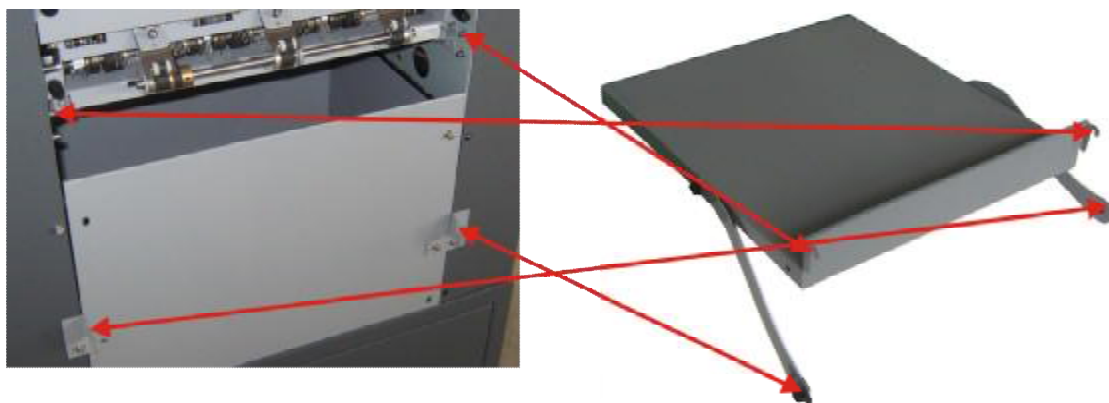
- Please do not have any other plugs inserted in the socket used specially for the machine.
- Use a static-electricity preventing cover and a humidifier for the place where the static electricity happens easily.
- Always use an electrical power outlet having a ground to prevent electrical shock in the event of electrical leakage.
- The capacity of the power socket should be no less than 110 v / 220 v / 10 A

1-3 Installation

- (1) fasten the four casters after putting the machine;
- (2) Plug the power cord into the power socket;
- (3) Setting the collect box: hang the collect box on to the two pin which on the machine , like the photo shows:



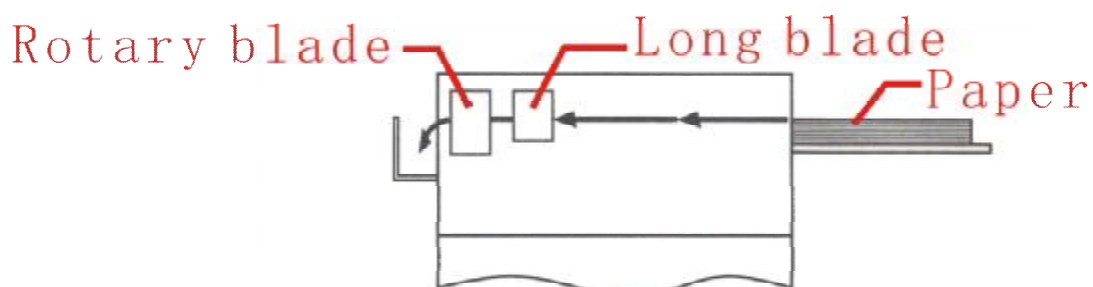
(4) How to setting the long cards plate: if the cards length is more than 150mm, please take down the collect box and put the long plate: to hang the plate on the pin, then make the two knob snap in the groove which under the bracket. Do as following:



1-4 long blade and roller blade box

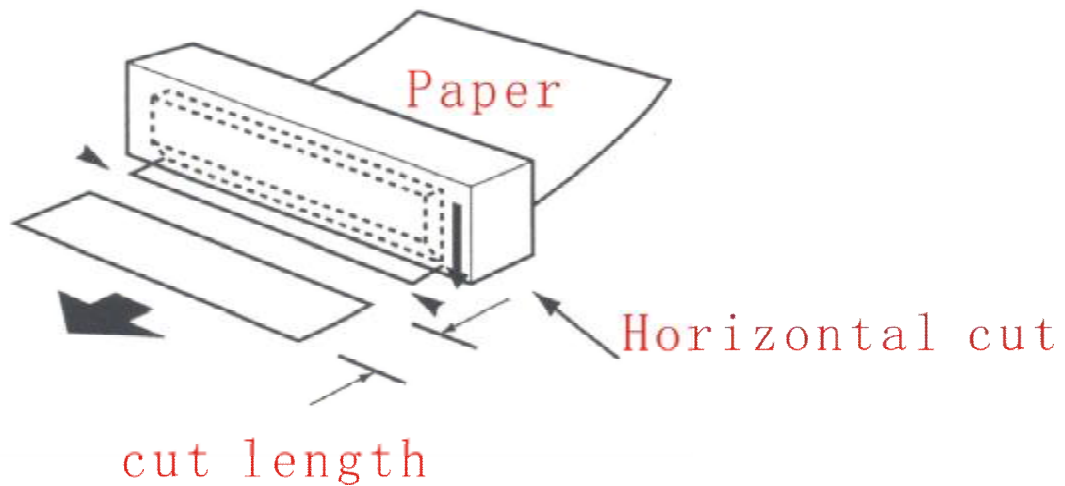
the cutting blade in this machine automatically cuts to a specified finish paper sized using 2 types of blades:

- 1: long blade(fixed type) 2: rotary blade(unit replaceable type)



1-4-1 Long blade

Makes a horizontal cut,the cutting size can be adjust from 40mm to 250mm

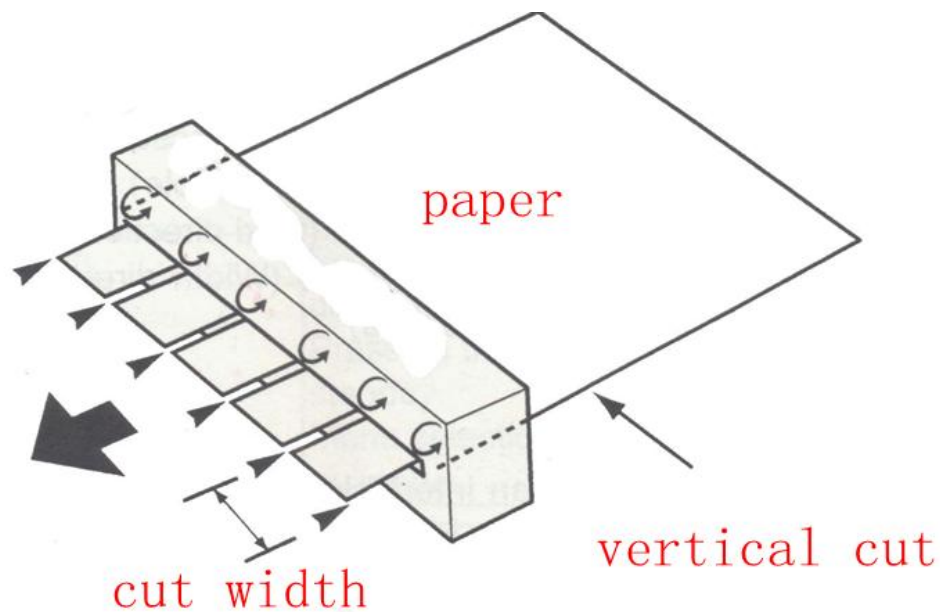


Long blade warranty: 6 months or 100.00 sheets of cutting(A3+ 320mm*480mm; 250g/thickness 0.25mm)

Long blade life: 1,000,000cuts

1-4-2 roller blade box

Makes a vertical cut,width cut is fixed.



Roller blade box warranty: 6 months or 100.00 sheets of cutting(A3+
320mm*480mm; 250g/thickness 0.25mm)

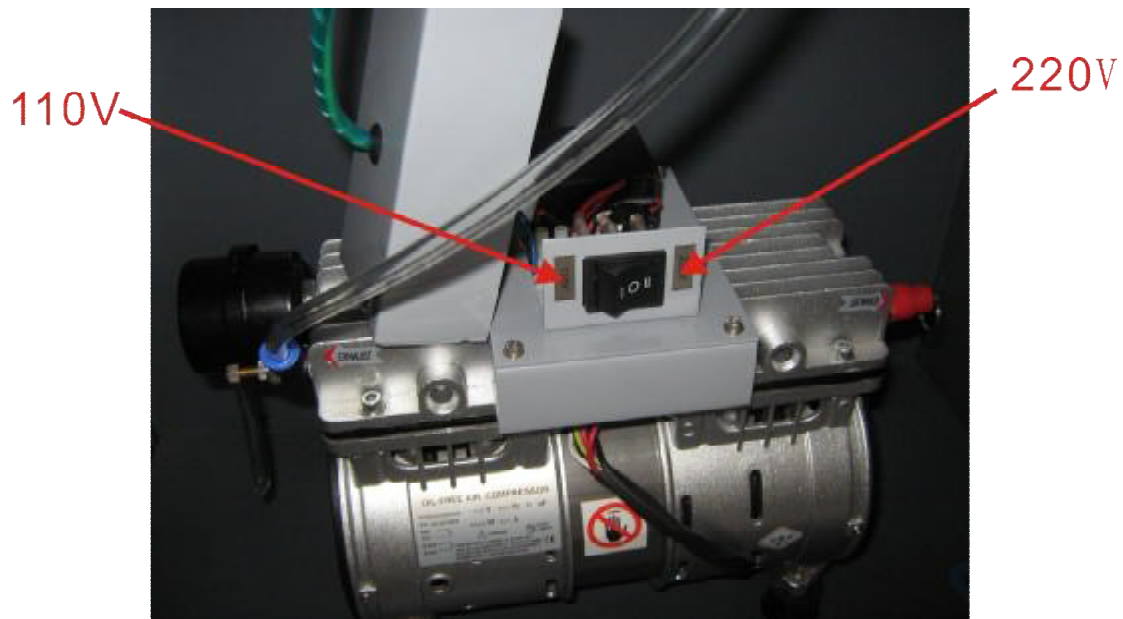
Long blade life: 1,000,000cuts

Auto cutter paper

- Paper thickness: 180g-350g 0.20-0.35mm
- Do not use the PVC sheets and laminated paper, it will hurt the blade
- Using paper with a curl of 5mm or more may cause irregular cutting precision or paper jam
- Using paper with heavy electrostatic charges or extremely slippery paper may cause paper blockages or cutting mistakes
- Use only the same type of paper when setting paper in the feed tray.
Using different types of the paper at the same time may cause paper feed error or paper jams.(two papers)

1-6 Supply voltage conversion

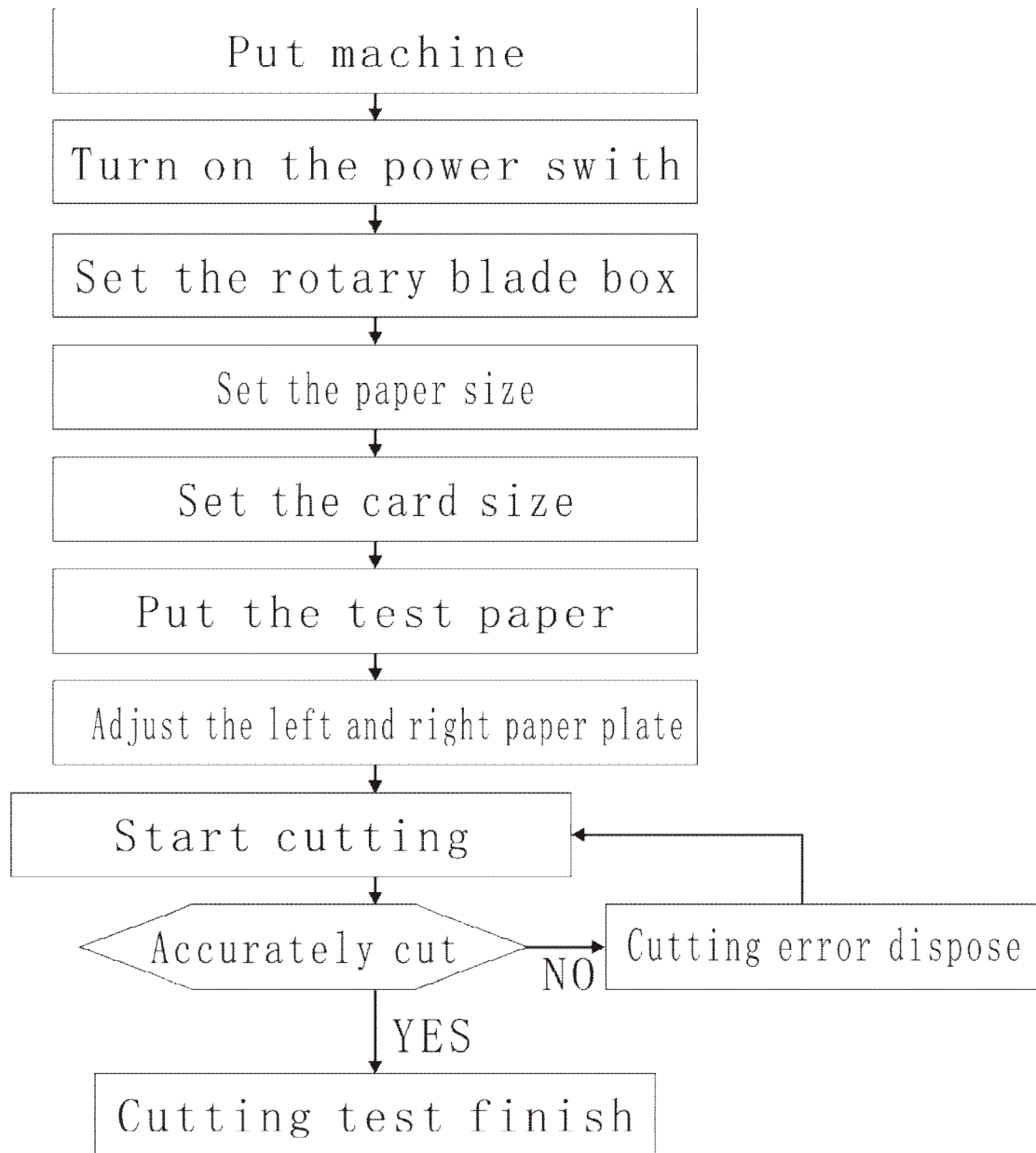
Factory supply voltage is 220V(except the 110v which shows on the contract). Before you star working, please make sure the supply voltage. If not match, it shall be reset. Do like flown: open the top cover, push the swith to the left 110v, the right side is 220v. After, closed the top cover to ensure the safety.



2 Operation

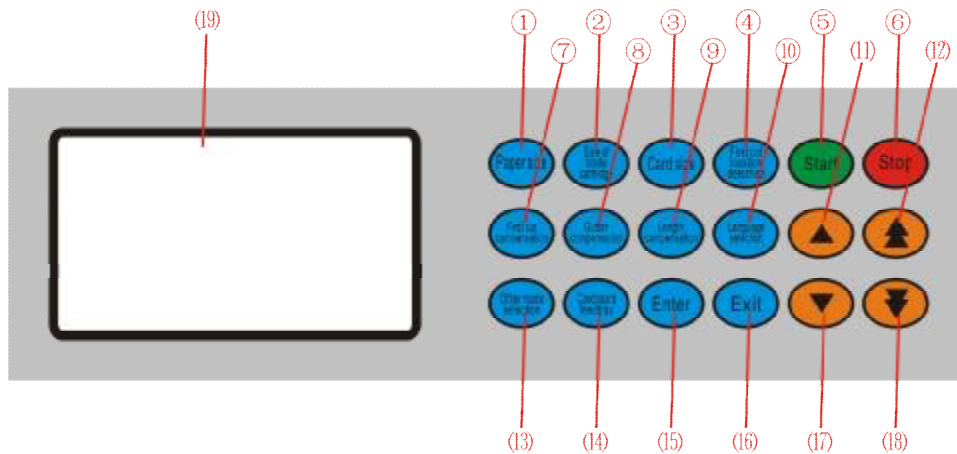
2-1 test cutting operation

At the first, please do as the flown operation to test:



2-2 Operation panel

(1) Operation panel diagram



① **【Paper size】**: when this switch is pressed while in standby mode. Choose the paper size: A3/A3+/SRA3 /custom

② **【size of blade cartridge】** when this switch is pressed while in standby mode. Then choose the roller knife specification

Check the specification at 2-4-1;

③ **【card size】**: when this switch is pressed while in standby mode. Then select the card size

: check it at 2-4-2 ;

④ **【first cut location detection】** : when it was standby model turn on the switch to choose the position for the start cutting: the front of the paper or the printed mark.

⑤ **【start】** : cutting starts when this switch is pressed while in standby mode. When it was test model. Press the switch and let the long blade cut at once.

⑥ **【stop】** : pressing the switch during cutting will pause the cutting operation.

- ⑦ **【first cut compensation】** : pressing this switch in standby mode enter into the first cutting compensation boundary to fine- turned the first cutting position.
- ⑧ **【Gutter compensation】** : pressing this switch in standby mode enter into the groove compensation boundary to fine-turn the groove length.
- ⑨ **【length compensation】** : pressing this switch in standby mode enter into the card length compensation boundary to fine-turn the cards' length.
- ⑩ **【language selection】** : In standby model press this switch to choice the Chinese or English.
- (11) **【▲】** : pressing this switch in standby model to add the cutting sheets.

Pressing this switch in parameter setting model, the number will increasing.

In other options menu mode, press this switch, select the menu.

In the test model, press this switch, the paper tray will rise.

(12) **【▲】** : pressing this switch in standby model to add the cutting sheets. (fast) ,

Pressing this switch in parameter setting model, the number will increasing (quickly) ,

Pressing this switch in test mode to start the paper feed.

(13) **【other mode selection】** : pressing this switch in standby model to enter the other option menu.

(14) **【cardboard feed tray】** : in standby model press this switch, the paper tray will go down;

(15) **【enter】** : after change the cutting parameter, press this switch to save the parameter;

(16) **【exit】** : in other option mode, press this switch returns to standby mode;

(17) **【▼】** : in standby mode, press this switch to reduce the cutting sheets.

Pressing this switch in parameter setting model, the number will reduce,

In other options menu mode, press this switch, select the menu.

Pressing this switch in test mode, the paper tray will fall down.

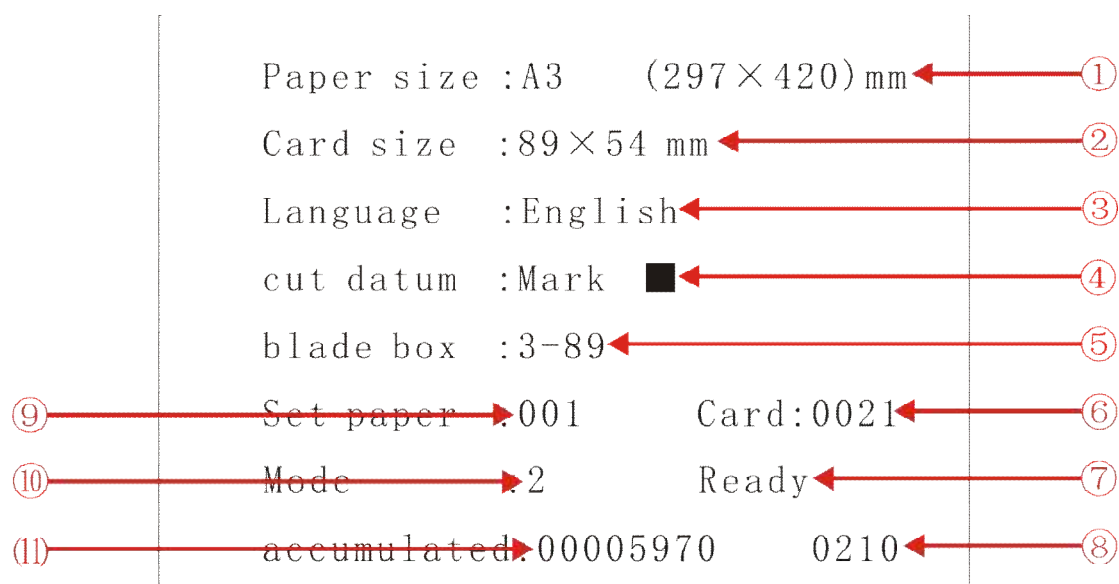
(18) 【 ▼ 】 : Pressing this switch in parameter setting model, the number will reduce (fast) ,

In other options menu mode, press this switch, select the me (fast) ,

Pressing this switch in test mode, to move back the paper.

(2) Expression on the LCD screen

The machine starts initiating after the power is turned on and gets into the standby state at the end of initiation. The said state means the machine is not in the cutting state yet (it is still at stop) and the following is shown on the screen then



- ① Paper size : width×length;
- ② card size: width×length;
- ③ language; Chinese or English
- ④ first cutting datum : the detection mode of the first cutting position: the front of the paper or the printed mark;
- ⑤ roller knife specification: cutting columns--cut width;
- ⑥ setting the card pieces; the set paper sheets×the cut cards number;
- ⑦ ready to enter cutting;
- ⑧ sub-accumulated counting of the cut cards ; clearable;
- ⑨ set cutting pieces;
- ⑩ the number of the cards size;
- (11)total accumulated counting of the cut cards ; can not be clear。

2-3 Datum selection

2-3-1 the detection mode of the first cutting position

This machine can detect the cut start position (cutting reference position) on the paper by one of 2 methods.

- 1) frontal end: take the utmost frontal end of the paper as the datum for cutting;

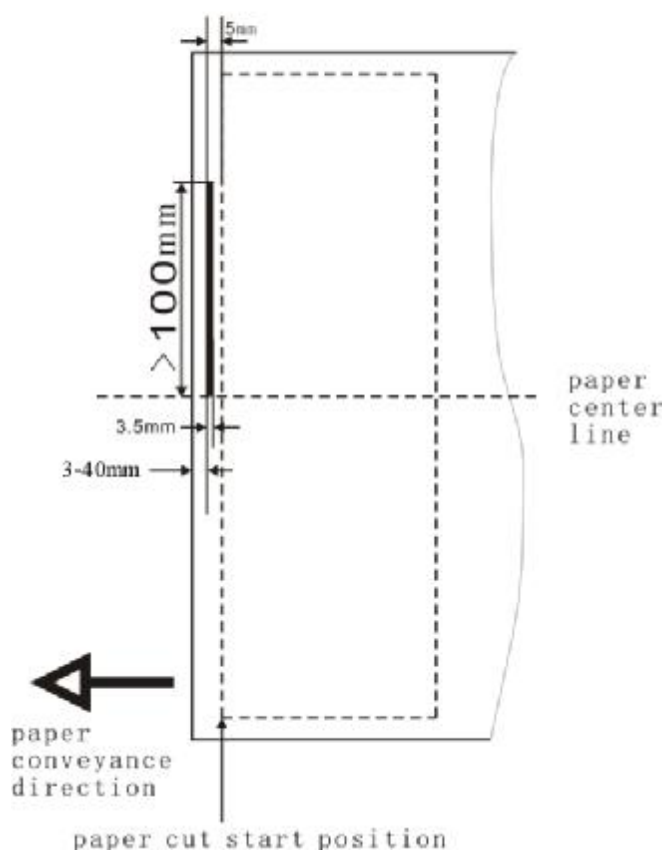
2) Mark■: take the pre-printed mark as the datum for cutting

By using the advance printing mark as cutting position reference .errors due to edge position deviation occurring can be reduce.

2-3-2 Printing condition with the paper mark■

~ Attention: There must no printing or dirt from the paper printed mark to the paper frontal.

~ Attention: when it was mark test mode , it must use the white paper or light clour paper (reflectivity >70%) 。



2-4 Cutting mode

2-4-1 Rotating cutter group (rotary blade) selection

- ①C-3-85, cutting 3 columns, cutting width 85mm, optional assembly
- ②C-3-89, cutting 3 columns, cutting width 89mm, standard allocation
- ③C-3-90, cutting 3 columns, cutting width 90mm, optional assembly
- ④C-5-54, cutting 5 columns, cutting width 54mm, standard allocation
- ⑤C-5-55, cutting 5 columns, cutting width 55mm, optional assembly
- ⑥YC-01, rotating cutter group with indenting; need to be made to order
- ⑦ZC-01, rotating cutter group with punching; need to be made to order

Please note the type of the rotating cutter group at order.

2-4-2 Cutting mode

(1) Paper size: A3+ (320×480mm)

Mode 0: 89×45mm, use C-3-89 rotating cutter group, 3 columns 9 rows
total 27 cards;

Mode 1: 89×50mm, use C-3-89 rotating cutter group, 3 columns 8 rows
total 24 cards;

Mode 2: 89×54mm, use C-3-89 rotating cutter group, 3 columns 8 rows
total 24 cards;

Mode 3: 89×90mm, use C-3-89 rotating cutter group, 3 columns 5 rows
total 15 cards;

Mode 4: 55×85mm, use C-5-55 rotating cutter group, 5 columns 5 rows
total 25 cards;

Mode 5: 55×89mm, use C-5-55 rotating cutter group, 5 columns 5 rows
total 25 cards;

Mode 6: 55×90mm, use C-5-55 rotating cutter group, 5 columns 5 rows
total 25 cards;

(2) Paper size: A3 (297×420mm)

Mode 0: 89×45mm, use C-3-89 rotating cutter group, 3 columns 8 rows
total 24 cards;

Mode 1: 89×50mm, use C-3-89 rotating cutter group, 3 columns 7 rows
total 21 cards;

Mode 2: 89×54mm, use C-3-89 rotating cutter group, 3 columns 7 rows
total 21 cards;

Mode 3: 89×90mm, use C-3-89 rotating cutter group, 3 columns 4 rows
total 12 cards;

Mode 4: 89×95mm, use C-3-89 rotating cutter group, 3 columns 4 rows
total 12 cards;

Mode 5: 89×127mm, use C-3-89 rotating cutter group, 3 columns 3 rows
total 9 cards;

(3) Paper size: SRA3 (320×450mm)

Mode 0: 89×45mm, use C-3-89 rotating cutter group, 3 columns 8 rows
total 24 cards;

Mode 1: 89×50mm, use C-3-89 rotating cutter group, 3 columns 8 rows
total 21 cards;

Mode 2: 89×54mm, use C-3-89 rotating cutter group, 3 columns 7 rows
total 21 cards;

Mode 3: 89×90mm, use C-3-89 rotating cutter group, 3 columns 4 rows
total 12 cards;

Mode 4: 89×95mm, use C-3-89 rotating cutter group, 3 columns 4 rows
total 12 cards;

Mode 5: 89×127mm, use C-3-89 rotating cutter group, 3 columns 3 rows
total 9 cards;

(4) Paper size: custom

Mode 0: custom

Mode 1: custom

Mode 2: custom

Mode 3: custom

Mode 4: custom

Mode 5: custom

Mode 6: custom

2-4-3 Cutting format

Appendix (A)

2-5 Operating conditions

2-5-1 paper size selection

Pressing the **【paper size】** key continuously when the machine in standby mode until the LCD shows the right paper size.

2-5-2 hob specification selection

Continuous press the **【hob specification】** in the standby mode until the LCD shows the required type.

2-5-3 card size selection

In the standby mode, continuous press the **【card size】** key until the LCD shows the required card size.

2-5-4 set the cut sheet

When it need to cut more than one pieces paper automatically at once, we shall set the cut sheet, setting range: (1-250 sheets)

In the standby mode, press **【▲】** to increase the cut sheet, press **【▼】** to reduce the cut sheet

In the standby mode, press **【▲】** to increase the cut sheet in a quickly way, press **【▼】** to reduce the cut sheet fast.

2-5-5 first cutting datum selection

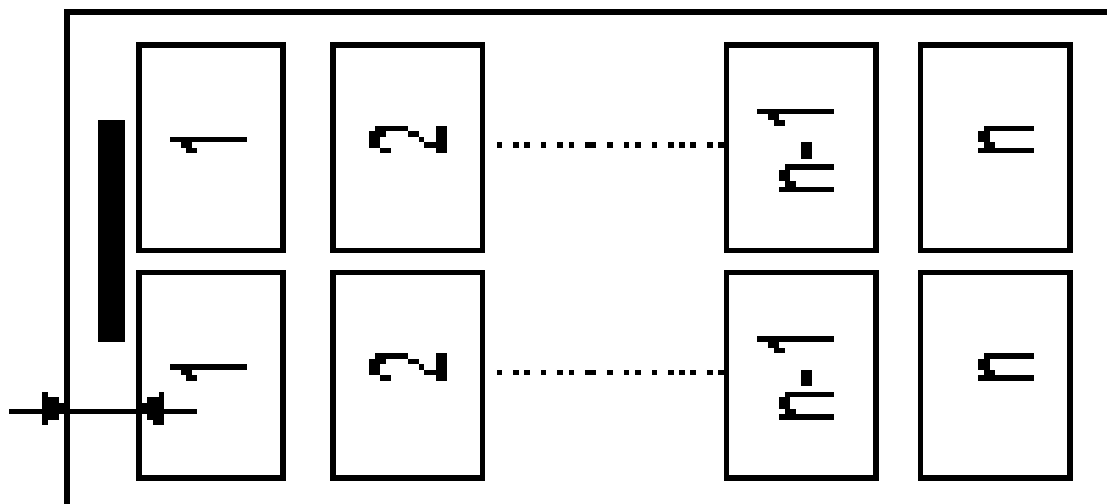
In the standby mode, press **【first cut datum】** key to choice the front end or the mark **■**.

2-5-6 paper cut start position compensation

①in the standby mode, press **【first cut compensation】** key until the LCD shows:

A: front end compensation

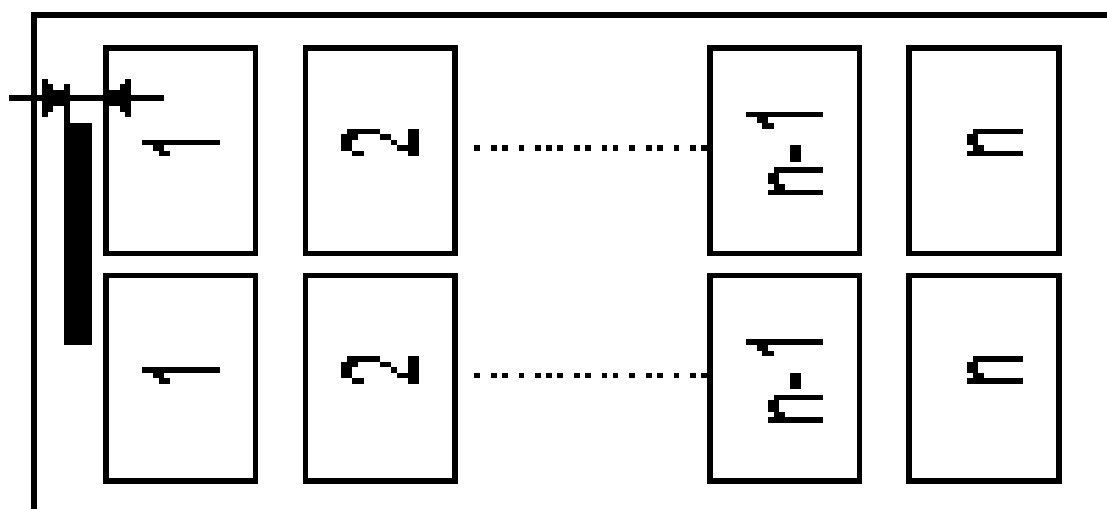
+0.0mm



B: When it on the Mark ■ datum

Mark position compensation

+0.0mm



② press **【▲】** key to increase the compensation value, press **【▼】** to reduce the compensation value.

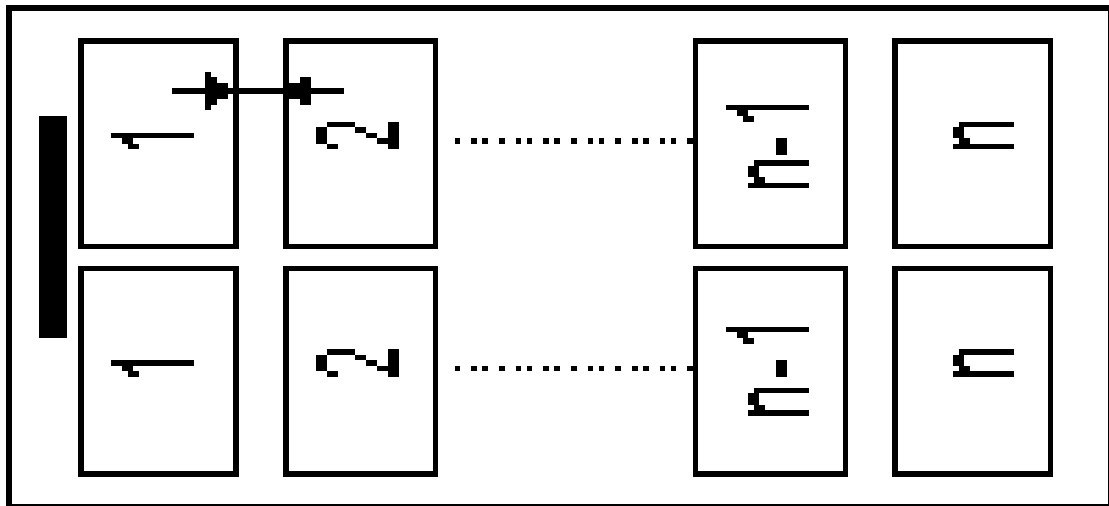
Press **【▲▲】** to increase the compensation value fast, press **【▼▼】** to reduce the compensation value quickly.

③ press **【enter】** key to finished, then back to the standby mode

2-5-7 Gutter compensation

• in standby mode, press **【Gutter compensation】** key, the LCD shows groove compensation:

+0.00mm



② press **【▲】** key to increase the compensation value, press **【▼】** to reduce the compensation value.

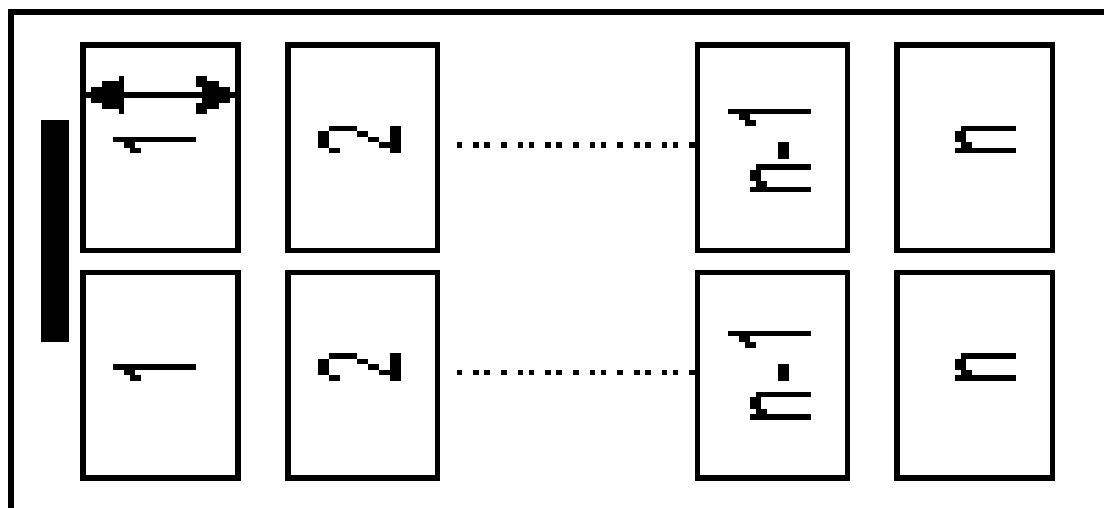
Press **【▲▲】** to increase the compensation value fast, press **【▼▼】** to reduce the compensation value quickly. Compensation range: -1.00~+1.00mm

③ press **【enter】** key to finished, then back to the standby mode

2-5-8 card length compensation

- in standby mode, press **【length compensation】** key, and the LCD show card length compensation:

+0.0mm



- ② press **【▲】** key to increase the compensation value, press **【▼】** to reduce the compensation value.

Press **【▲▲】** to increase the compensation value fast, press **【▼▼】** to reduce the compensation value quickly. Compensation range: -2.00~+2.00mm

- ③ press **【enter】** key to finished, then back to the standby mode

2-5-9 language

In standby mode, press **【language】** to choice Chinese or English.

2-5-10 the last line card length compensation

- in standby mode, press **【other mode selection】** key , and the

LCD show:

Last line card compensation

First line card compensation

Test mode

Restore factory settings

Subtotal clear

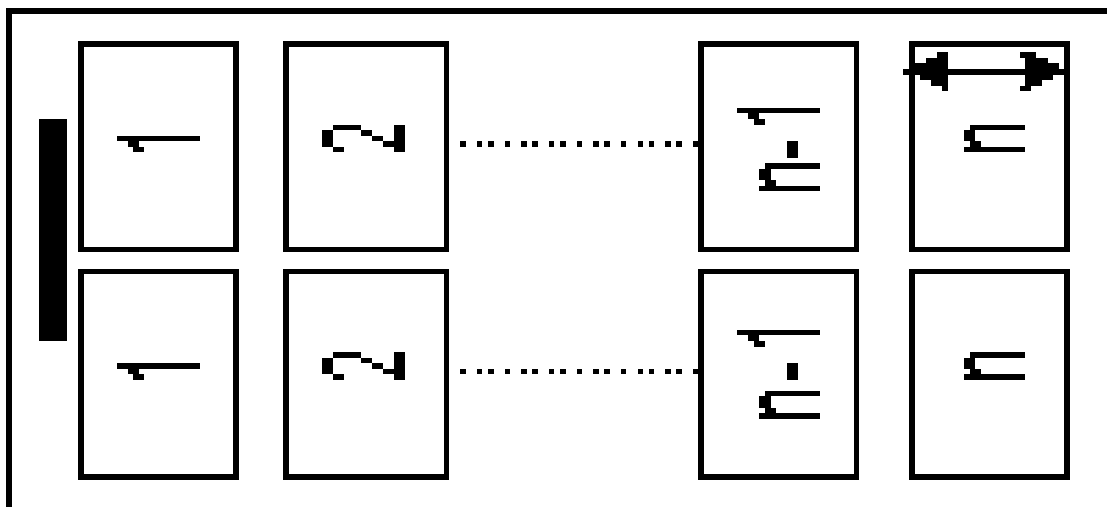
Long blade self-sharpening

Rotary blade self-sharpening

, press **【enter】** and the LCD show:

The last line card compensation:

+0.00mm



f press **【▲】** key to increase the compensation value, press **【▼】** to reduce the compensation value.

Press **【▲】** to increase the compensation value fast, press **【▼】** to reduce the compensation value quickly. Compensation range: -0.50~+0.0mm

④ press **【enter】** key to finished, then back to the standby mode

2-5-11 the first line card compensation

- in standby mode, press **【other mode selection】** key, then press **【▲】** and the LCD show:

Last line card compensation

first line card compensation

Test mode

Restore factory settings

Subtotal clear

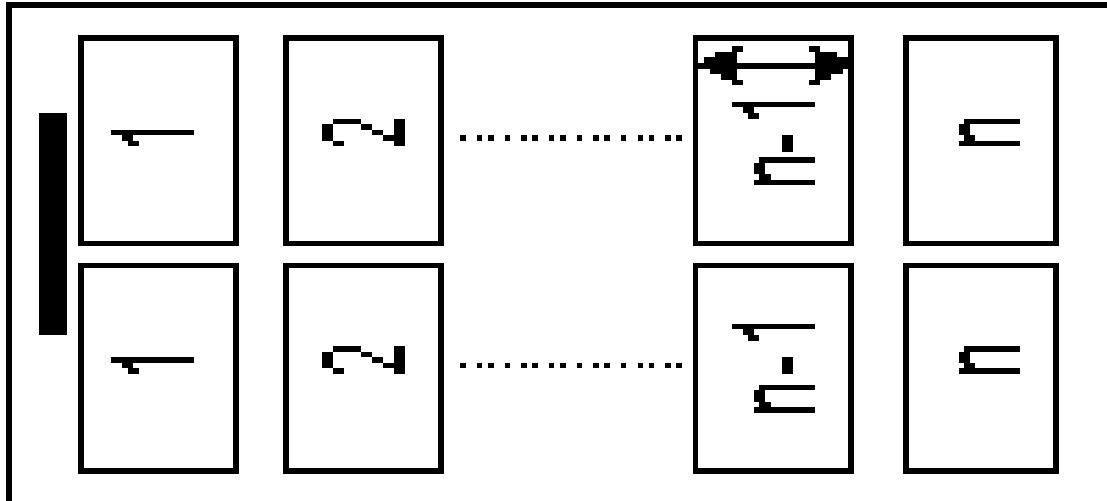
Long blade self-sharpening

Rotary blade self-sharpening

, press **【enter】** and the LCD show

first line card compensation

+0.00mm



f press **【▲】** key to increase the compensation value, press **【▼】** to reduce the compensation value.

Press **【▲▲】** to increase the compensation value fast, press **【▼▼】** to reduce the compensation value quickly. Compensation range: -0.50~+0.0mm

④ press **【enter】** key to finished, then back to the standby mode

2-5-12 Test mode

- in standby mode, press **【other option】** key, then press **【▼】** twice until the LCD show:

Last line card compensation

First line card compensation

Test mode

Restore Factory settings

Subtotal clear

Long blade self-sharpening

Rotary blade self-sharpening

, press **【enter】** and the LCD show:

<▼> paper feed tray descend

<▲> paper feed tray ascend

<start>long blade working

<▲> paper forward

<▼> paper back

③ press **【enter】** key to finished, then back to the standby mode

2-5-13 Restore factory settings

- in standby mode, press **【other option】** key, then press **【▼】** three times until the LCD show:

Last line card compensation

The second line from the bottom card compensation

Test mode

Restore factory settings

Subtotal clear

Long blade self-sharpening

Rotary blade self-sharpening

, press **【enter】** and the LCD show:

Restore factory settings

<enter> or <exit>

f press **【enter】** key, restore the factory setting and turn back to the standby mode or press **【exit】** to turn back standby mode

2-5-14 Subtotal clear

- in standby mode, press **【other option】** key, then press **【▼】** four times until the LCD show:

Last line card compensation

First line card compensation

Test mode

Restore factory settings

Subtotal clear

, press **【enter】** and the LCD show:

Subtotal clear

<enter> or <exit>

f press **【enter】** key, restore the clear-up the accumulated and turn back to the standby mode or press **【exit】** to turn back standby mode

2-5-15 long blade self-sharpening

- in standby mode, press **【other mode selection】** key, then press **【▼】** five times until the LCD show:

Last line card compensation

First line card compensation

Test mode

Restore factory settings

Subtotal clear

Long blade self-sharpening

Rotary blade self-sharpening

②Press **【enter】** key, and the LCD show:

Long blade is autogenous grinding

Press<stop>key to exit.

When the long blade is not sharp, cutting burrs, use this function, after 5 minutes, press **【stop】** key to stop the mill and return to standby mode.

2-5-16 Rotary blade self-sharpening

- in standby mode, press **【other mode selection】** key, then press **【▼】** six times until the LCD show:

Last line card compensation

First line card compensation

Test mode

Restore factory settings

Subtotal clear

Long blade self-sharpening

Rotary blade self-sharpening

②Press **【enter】** key, and the LCD show:

Rotary blade is autogenous grinding

Press<stop>key to exit。

When the Rotary blade is not sharp, cutting burrs, use this function, after 5 minutes, press **【stop】** key to stop the mill and return to standby mode.

2-5-17 New format

- Continuously press the **【paper size】**key in the standby mode, until the LCD show the paper size is customize.
, continuously press the **【card size】** key until the LCD show the unused mode card size. (this mode data is covered)
press **【other mode selection】** key, then press **【▼】** seven times until the LCD show:

Last line card compensation

First line card compensation

Test mode

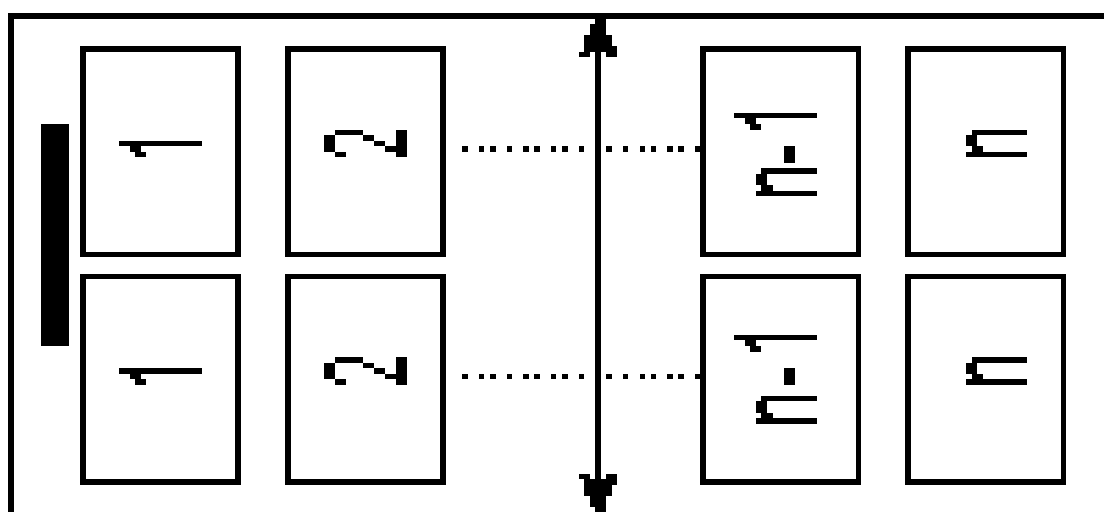
Restore factory settings

Subtotal clear

The new format

③ press **【enter】** key and the LCD show:

Card width 320mm



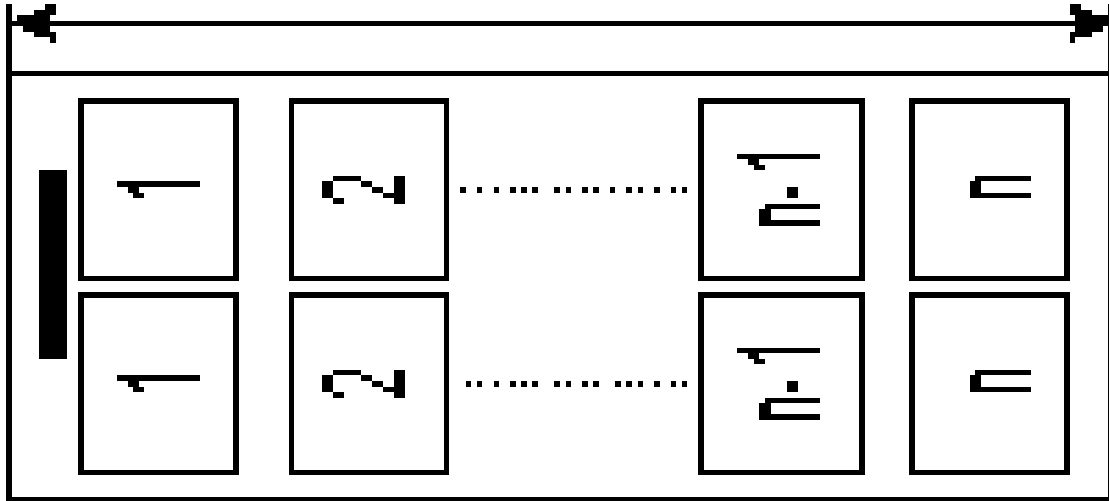
press **【▲】** key to increase the , press **【▼】** to reduce

Press **【▲▲】** to increase fast, press **【▼▼】** to reduce quickly.

Paper width range: 297~320mm

④ finished setting the paper width, press **【enter】** key to next item and the LCD show:

Paper length 450mm



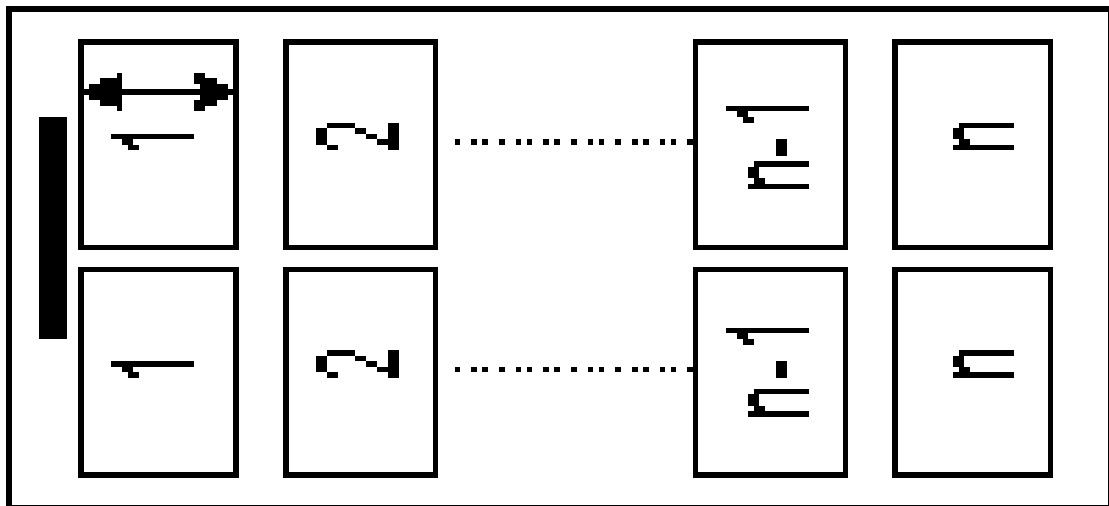
press **【▲】** key to increase the , press **【▼】** to reduce

Press **【▲▲】** to increase fast, press **【▼▼】** to reduce quickly.

Paper length range: 210~480mm

⑤ finished setting the paper length, press **【enter】** key to next item and the LCD show:

Card length 50mm



press **【▲】** key to increase the , press **【▼】** to reduce

Press **【▲▲】** to increase fast, press **【▼▼】** to reduce quickly.

card length range: 40~250mm

⑥After setting the card length, press **【enter】** key, and the LCD show:

System recommender

Customize

Press **【▲】** Key or **【▼】** key to select the mode

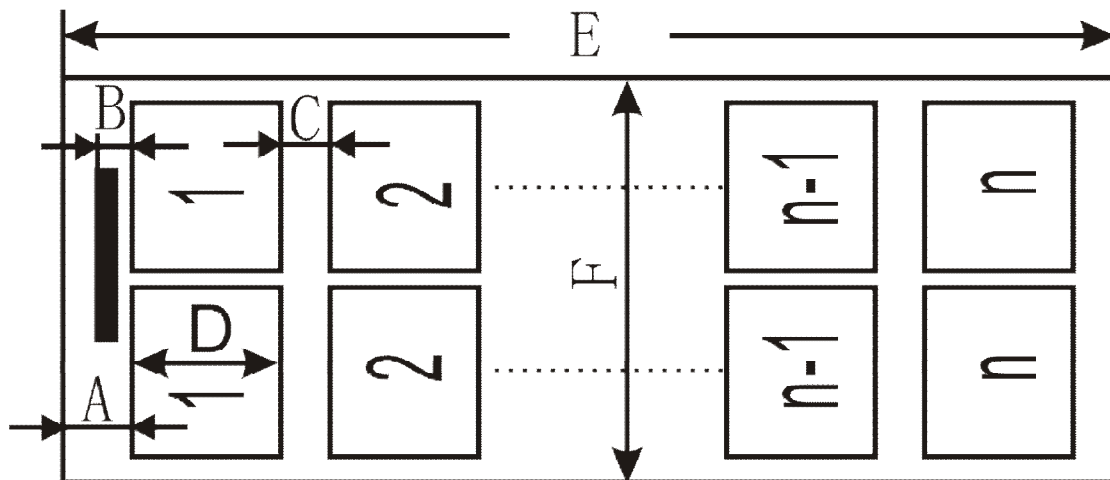
● A: system recommender

Press **【enter】** key and the LCD show:

A:10 B:5.0 C:4.0 D:54

E:480 F:320 n:8

Press<enter>key to finish



Press **【enter】** key to keep this setting then turn back to the standby mode

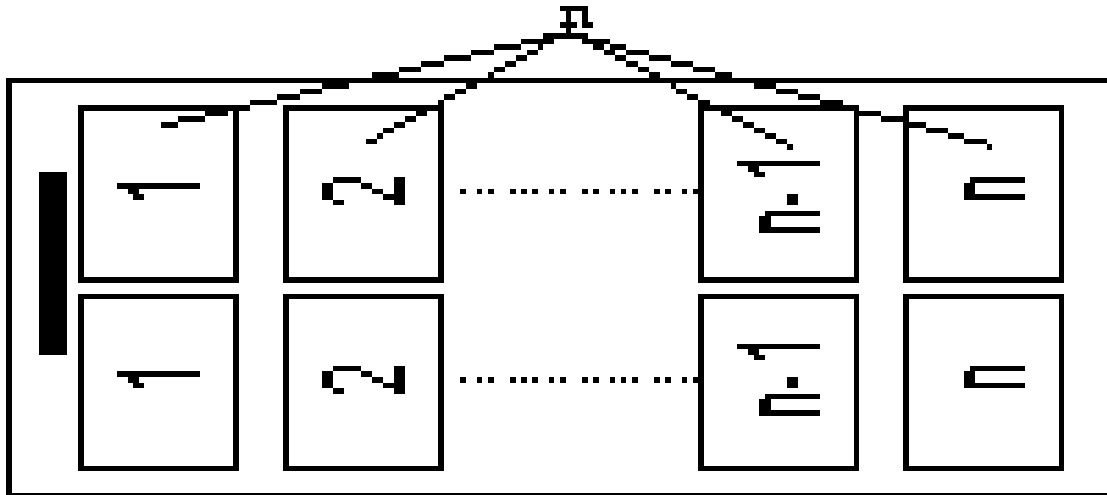
● B:customize

(-)Press **【enter】** key until the LCD show:

After setting the card length, press **【enter】** key to next item and the LCD show:

Card cutting rows

08



press **【▲】** key to increase the , press **【▼】** to reduce

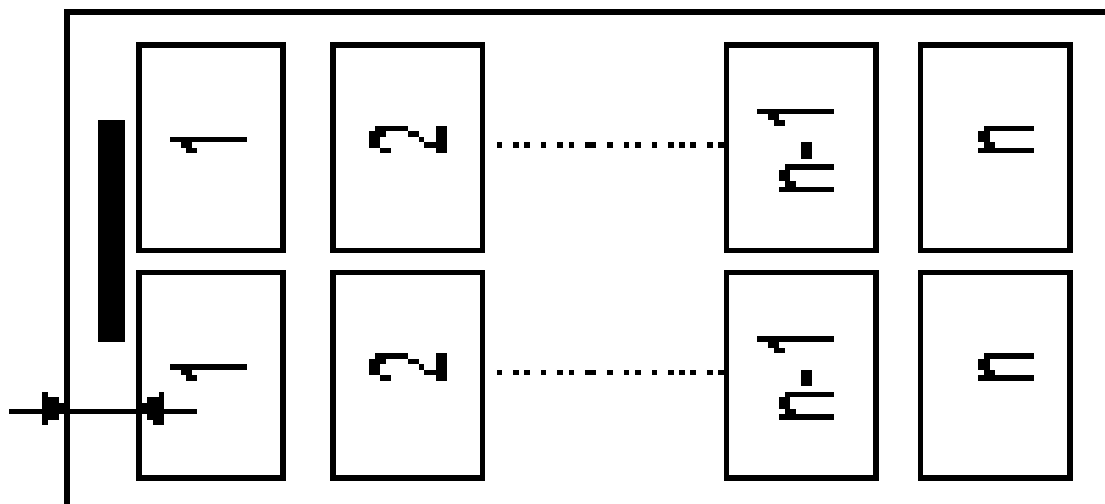
Press **【▲▲】** to increase fast, press **【▼▼】** to reduce quickly.

card cutting rows range: 02-25

(2) After setting the card cutting rows, press **【enter】** key to next item and the LCD show:

Front end

10mm



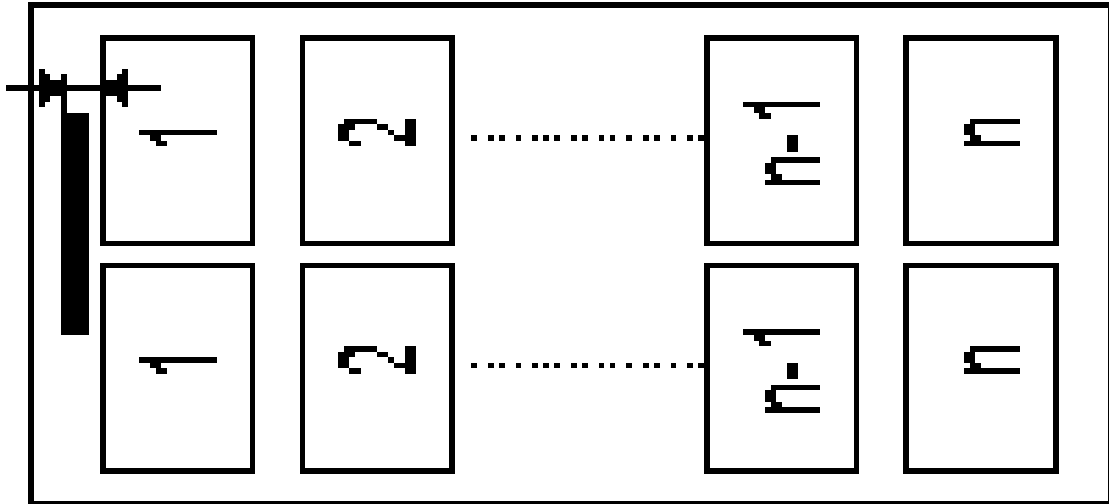
press **▲** key to increase the , press **▼** to reduce

Press **▲** to increase fast, press **▼** to reduce quickly.

Front end range: 03~50mm

(3) Finish setting the front end, press **enter** key to next item and the LCD show:

Mark 5.0mm



press 【▲】 key to increase the , press 【▼】 to reduce

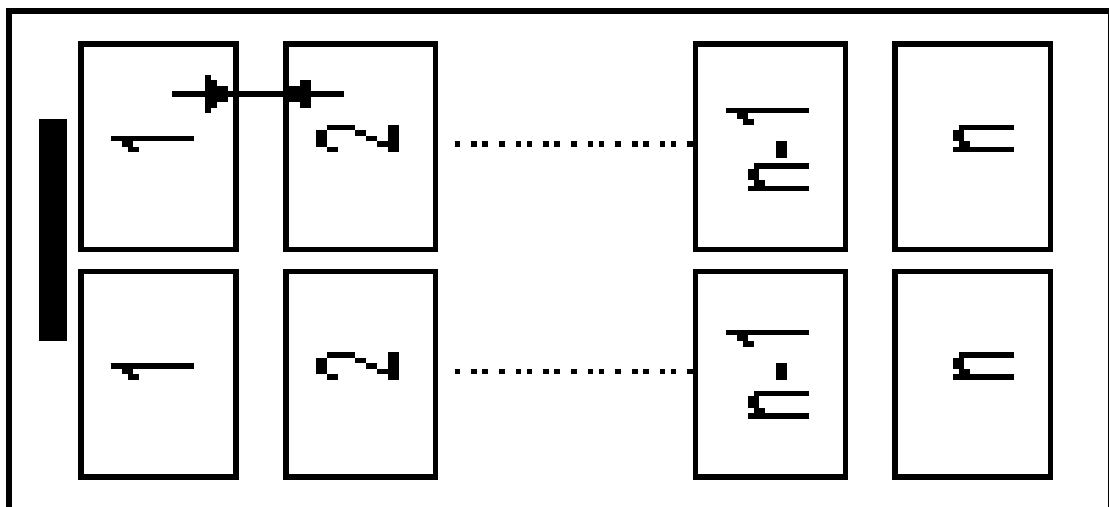
Press 【▲▲】 to increase fast, press 【▼▼】 to reduce quickly.

Mark range: 0.0~5.0mm

(4) finished setting the front end, press 【enter】 key to next item and the

LCD show:

Groove 5.0mm



press **【▲】** key to increase the , press **【▼】** to reduce

Press **【▲▲】** to increase fast, press **【▼▼】** to reduce quickly.

groove range: 0.0, 3.0~10.0mm

(5) After setting the gutter, press **【enter】** key

● If the LCD Show:

OK

Press <enter >key to finish

Press <exit >key to exit

Press **【enter】** key to keep this setting and turn back to the standby mode

Press **【exit】** key to give up this setting and turn back to the standby mode

●If the LCD show:

Error code: 1

Press<enter>key to finish

Press<exit>key to exit

there may some thing wrong

Press **【enter】** key to ignore this setting and keep then turn back to standby mode

Press **【exit】** key to give up this setting and turn back to the standby mode

Error code declare:

The min value of the the last cutting margin length :

When the margin length is more than 57mm, is 3mm

When the margin length is less than 57mm, it is (60mm-card length)

The max value of the the last cutting margin length: 25mm

01: The last card length is less than 0

02: When the last margin length is less then the min value, the last card length may not correct cutting

03: When the last margin length with 25-40mm, it may paper jam or the waste paper will fall into the card collect box

04: When the last margin length is more than 40mm, the waste paper may fall into the card collect box

2-5-18 paper feed tray descend

When putting the paper, but the paper feed tray is not in the lowest position, press **【cardboard feed tray】** key to make the tray fall to the lowest position so that we can put the paper easily.

2-6 Operation method and process

(1) Input the power

When the power is turned on, the machine starts initiating and gets into the standby state.

(2) Set-up of the paper

Make the paper to be cut aligned and into the paper feeding desk with the printed face upward.

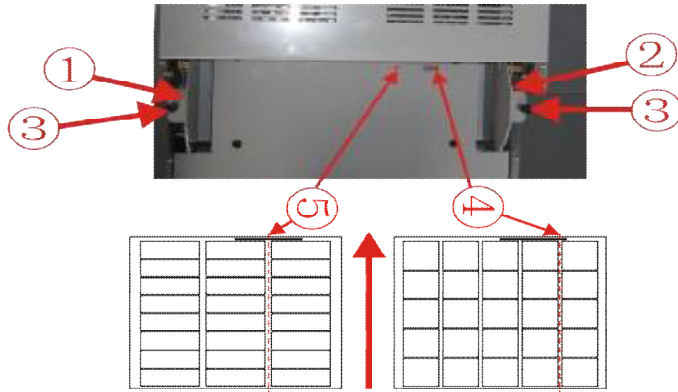
a. Do not place too many papers on the said desk. The paper thickness shall not be more than 45mm.

b. Paper feeding may be affected with the frontal end of the paper rolled upward, do not put it in till its being flatted.

c. Do not place papers of different kinds at the same time, or paper feeding may be affected.

d. Do not use plastic sealed paper, film coated paper, PVC paper and those too thick or too hard, or the cutter may be caused damaged.

(3) set the paper left and right position



Loosen the left and right guide plate locknut③, move the guide plate①② to match the paper size. And pay attention to the paper feed tray 2 triangle mark④⑤ which shall be align at the first column card cutting center line, then close the locknut③.

(4) Paper feeding and cutting



Do not let your hand or hairs close to the first paper feeding stick at paper feeding and cutting so as to avoid injury



Do not take anything out with your finger at paper feeding and cutting

- ① After setting the paper mode, press <start> key and cutting upon the set size will be started. The machine will automatically stop at the end of cutting and stay at the standby state. Press the key again to start another cutting.
- ② At the end of cutting, the whole flow finishes. Please turn off the power.



: Check the level of cutting waste in side the cutting waste hopper by looking in the inspection window and dispose of cutting waste as required.



: Setting the cutting sheets, or it just card one paper at once

2-7 Rotary blade exchange

2-7-1 take out the rotary blade

- ① Turn off the power switch.
- ② take off the safe cover

f take down the card collect box

- ④ loosen the roller knife box 's 4 fixing screws
- ⑤ take out the roller knife box

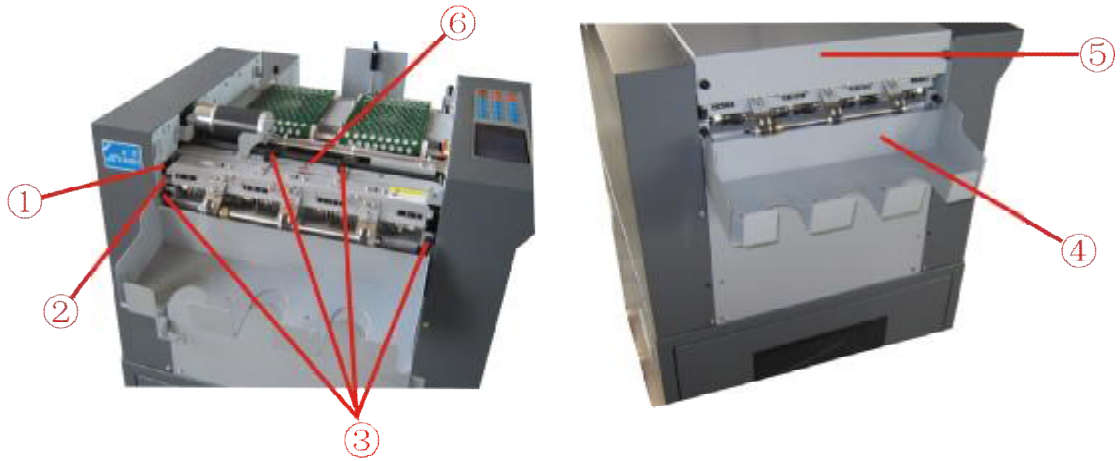
2-7-2 Rotary blade install

• put the roller knife oblique to the long hole① and make sure the gears② had complete matched and also ensure the two red triangle arrows⑥ is align.

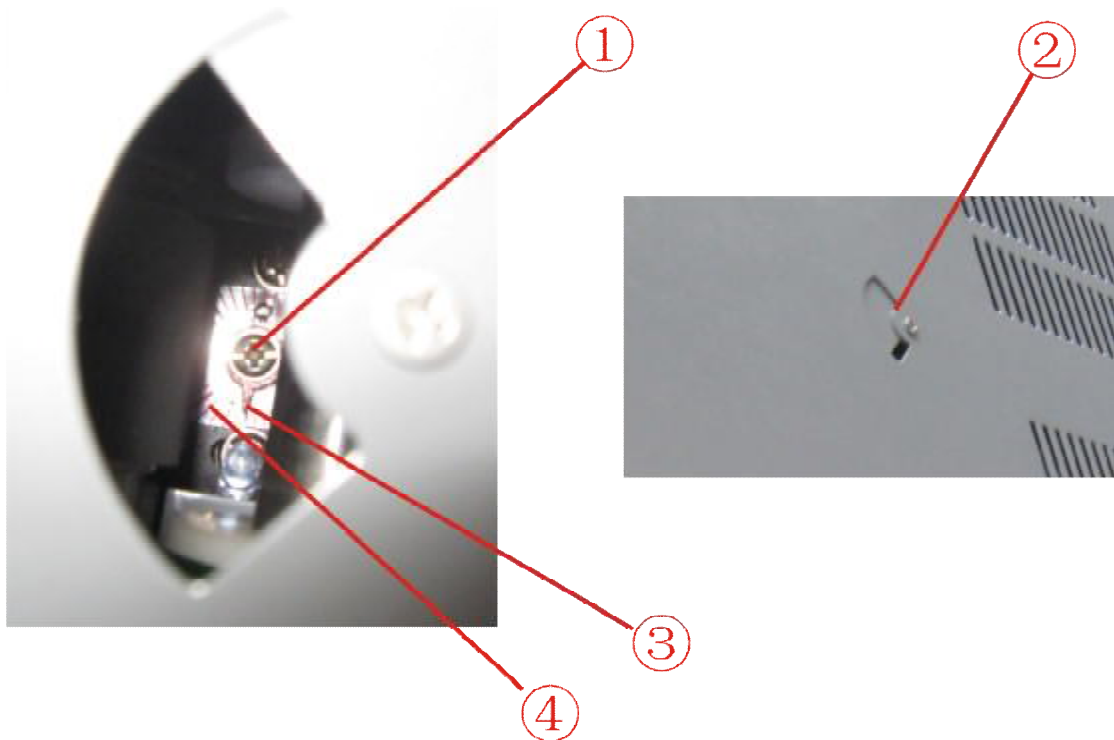
, close the 4 fixing screws③ .

f Put on the safe cover⑤.

- ④ hang the card collect box④



2-8 forward paper thickness adjustment



the thickness adjustment needle points to the middle by factory setting,
it means cutting thickness is 250g(about 0.25mm).

(1) when the cutting paper is larger thickness, and it may not feed in, according to following steps:

1. Use the Cross Screwdriver to loosen the paper thickness adjustment cover②
2. Use the cross screwdriver to loosen the adjustment screws①, make the pointer③ towards to the “+” direction revolve (attention: each revolve④ is 0.02mm thickness)
3. Close the paper thickness adjustment cover②.

(2) when the cutting paper thickness is thinner, it may come into 2two papers at once, according to following steps:

1. Use the Cross Screwdriver to loosen the paper thickness adjustment cover②
2. Use the cross screwdriver to loosen the adjustment screws①, make the pointer③ towards to the “-” direction revolve (attention: each revolve④ is 0.02mm thickness)
3. Close the paper thickness adjustment cover②.

3 Troubleshooting

When machine operation is incorrect or cutter quality is poor, please check the items listed here. If checking the following points still does not

fix the problem then ask for help at the dealer where you purchased this machine or service shop.

3-1 safety cover fails

Phenomenon: the LCD show: the safe cover is open, and there comes buzzer sound

Solution: turn off the power switch, covered it ,then turn on the power

3-2 paper jam solution

(1) when the paper jammed inside, do as following method:

Enter to the test mode(check the 2-5-12), try to press the **【▲】** key to forward the paper, or press **【▼】** key to afterward the paper, then press **【start】** to make the long blade working and drain out the paper. If this can not be done, according to following steps:

- turn off the power switch
- , take down the safe cover
- f* take off the roller knife box and put out the jammed paper
- ④ replace the cover
- ⑤ turn on the power switch, enter to the test mode again

⑥ make sure the jammed paper and waste paper had been drained out

⑦ turn off the power switch

⑧ open the top cover

⑨ replace the roller knife box

⑩ replace the cover

(2) paper feed tray paper jammed

Enter to test mode(check at 2-5-12), press <▼> afterward paper, then pull out the jammed paper

 **Warn**: Jams keep occurring

- is there a curl in the paper
- is the left and right paper feed tray too tighten
- are there wrinkles in the paper
- does the paper length set in the cutting format match the length of the paper set in the machine
- are any remaining paper scraps jammed inside the machine
- are there too much waste accumulating in the wastebasket
- are static charges accumulating in the paper
- Is there a strong electromagnetic interference around

- Is the power supply in accordance with the requirements(Power is greater than 1000 w, the power fluctuation was less than 10%)

3-3 Long blade jam

Reason:There is residual paper inside; too thick paper, too rolled paper

①When the LCD shows:Long blade jam,

Press[Enter] key and the LCD will show:

<▼> paper feed tray descend

<▲> paper feed tray ascend

<start>long blade working

<▲> paper forward

<▼> paper back

Solution: According to 3-1 paper jam solution(1) to replace.

Then restart the machine

3-4 Black Mark■ not be detected

Reason:In the mark ■ detection mode,

- the mark ■ is not printed

●The mark does not conform the set requirement.(the clour is too light,the size or the position is not conform the set requirement)

● paper position is too wide.

the LCD shows:Black Mark■ not detected

Solution:

●Use the frontal end datum detection

●on the test mode, the printed mark■ must conform the set requirement and the paper shall be the right position

3-5 Mark sensor failed

Reason:In the mark ■ detection mode, deep clour paper is used.

the LCD shows: Mark sensor failed

Solution:

●Use the frontal end datum detection

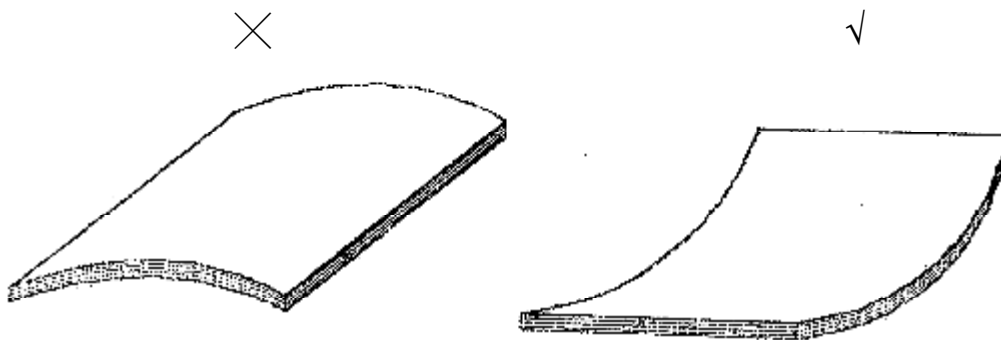
●in the mark test mode, it must use the white paper or light clour paper (reflectivity >70%) and the printed mark ■ shall be conform the set requirement,and the paper shall at the right position.


3-6 Bad paper feeding

(1) The paper guide plate is made too tight

(2) Paper feeding problem may occur in case of an improper paper. Please confirm the followings.

- ① paper thickness is too large (over 0.35mm), or the thickness is too thin (below 0.20mm)
- ② the paper is too small or too big size
- ③ Too many papers are placed. No more than 45mm and no more over the red line.
- ④ Excessively rolled paper



 **Attention**: Please do not use the paper shown above, or else bad paper feeding, bad cutting; non-aligned paper etc failures would occur.

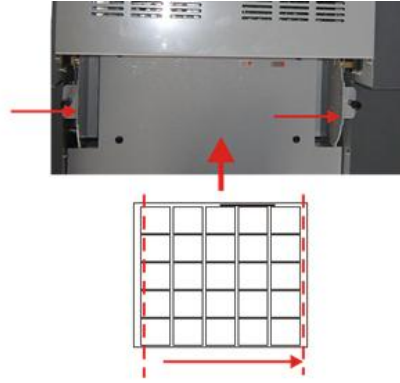
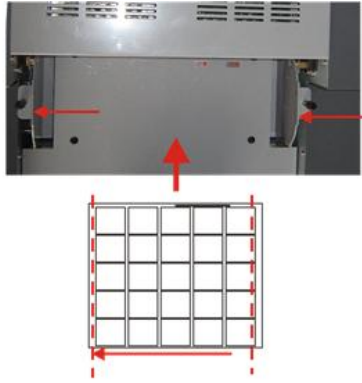
【Can not use】: Laterally rolled paper.

【Can use】: Longitudinally rolled paper, but, the rolled degree is limited within 5mm and the rolled portion must be made flatted

4 how to deal with the cutting error

4-1 the left and right cutting error

the pictures A and B show:

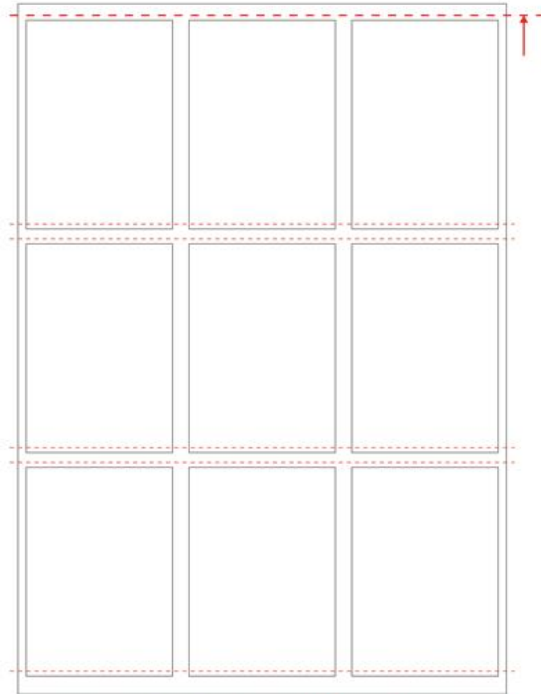
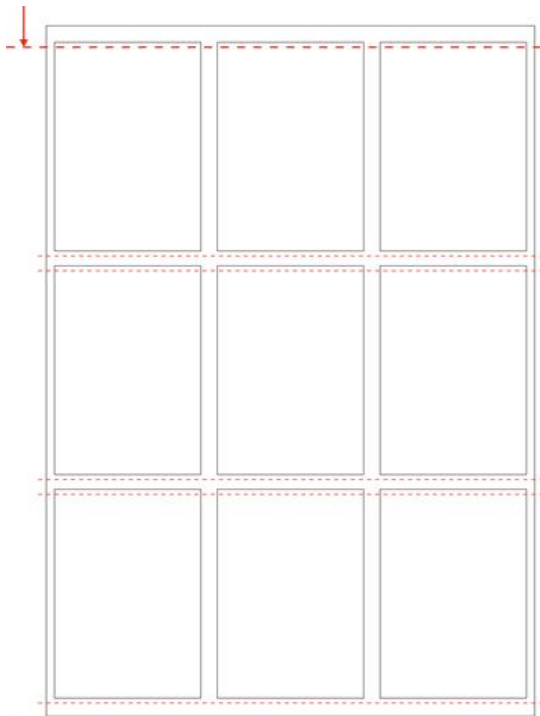


A cutting position to the left B cutting position to the right

Method: loosed the lock knob of the left and right guide plate, move it as the pictures shows, then closed the knob

4-2 the top margin cutting error

In the front end test mode, the error occurred as the A and B pictures show:



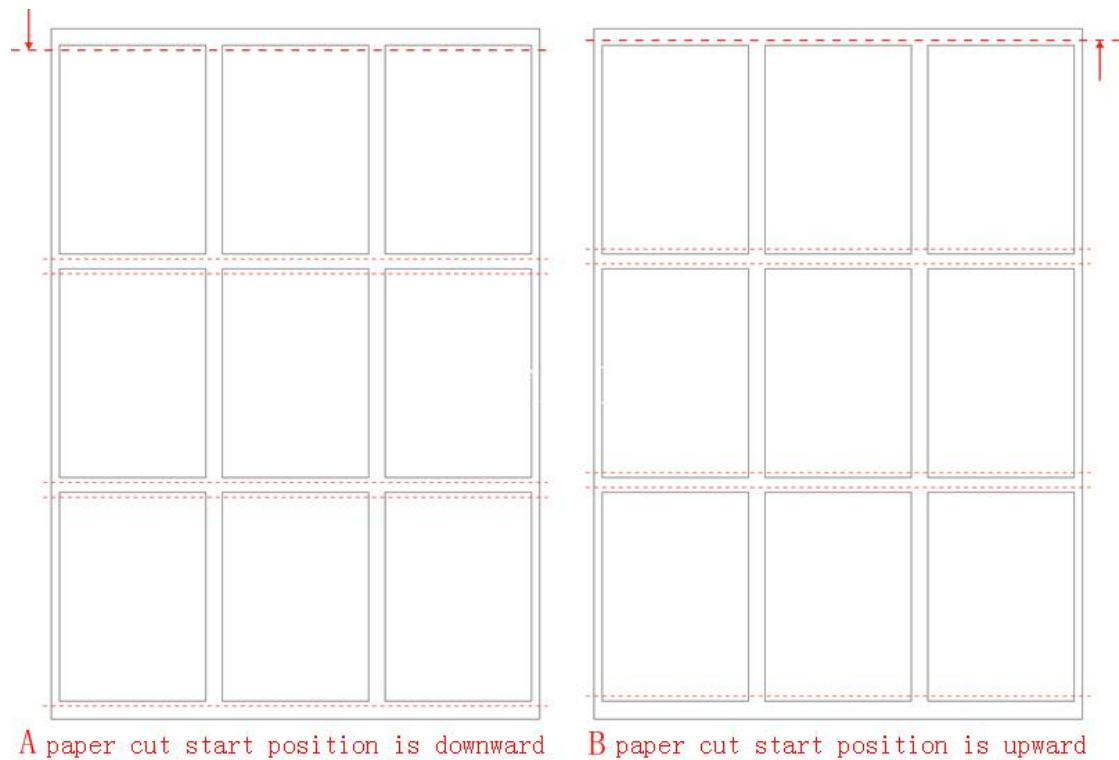
A paper cut start position is downward

B paper cut start position is upward

Method: check the 2-5-6, according to the error value, picture C shall reduce the compensation value, picture D shall increase the compensation value.

4-3 the mark position error

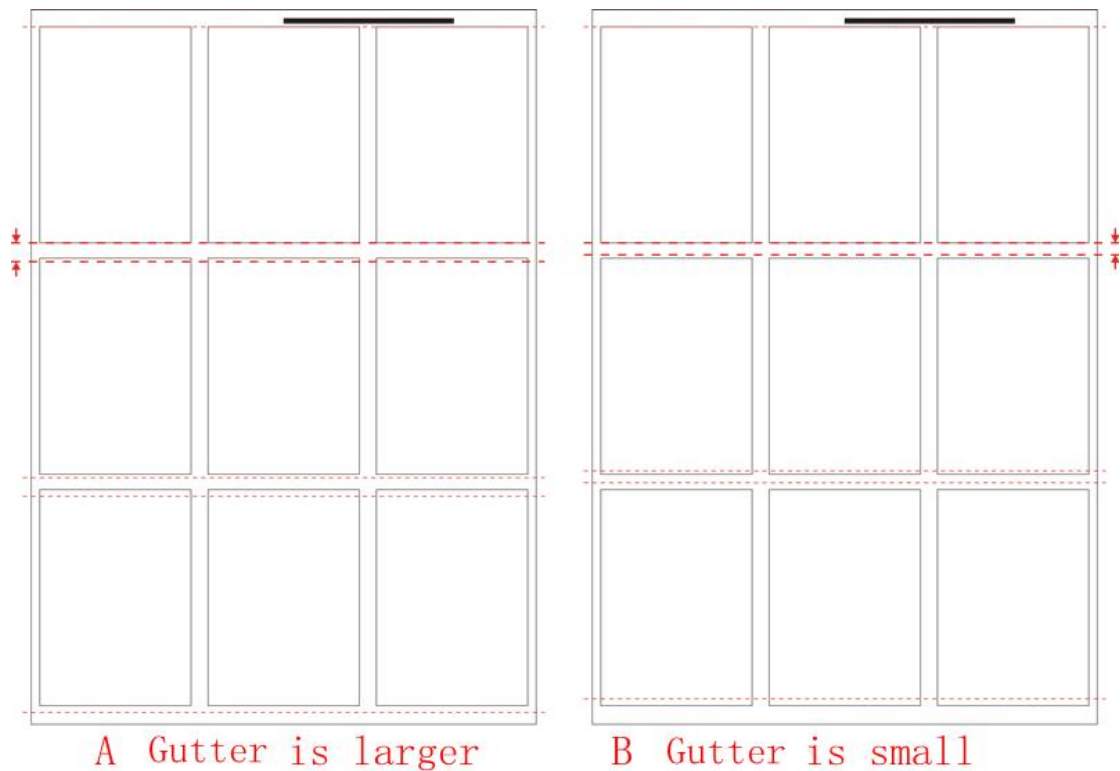
In the mark test mode, the error show as the pictures A and B:



Method: check the 2-5-6, according to the error value, picture E shall reduce the compensation value, picture F shall increase the compensation value.

4-4 Gutter compensation

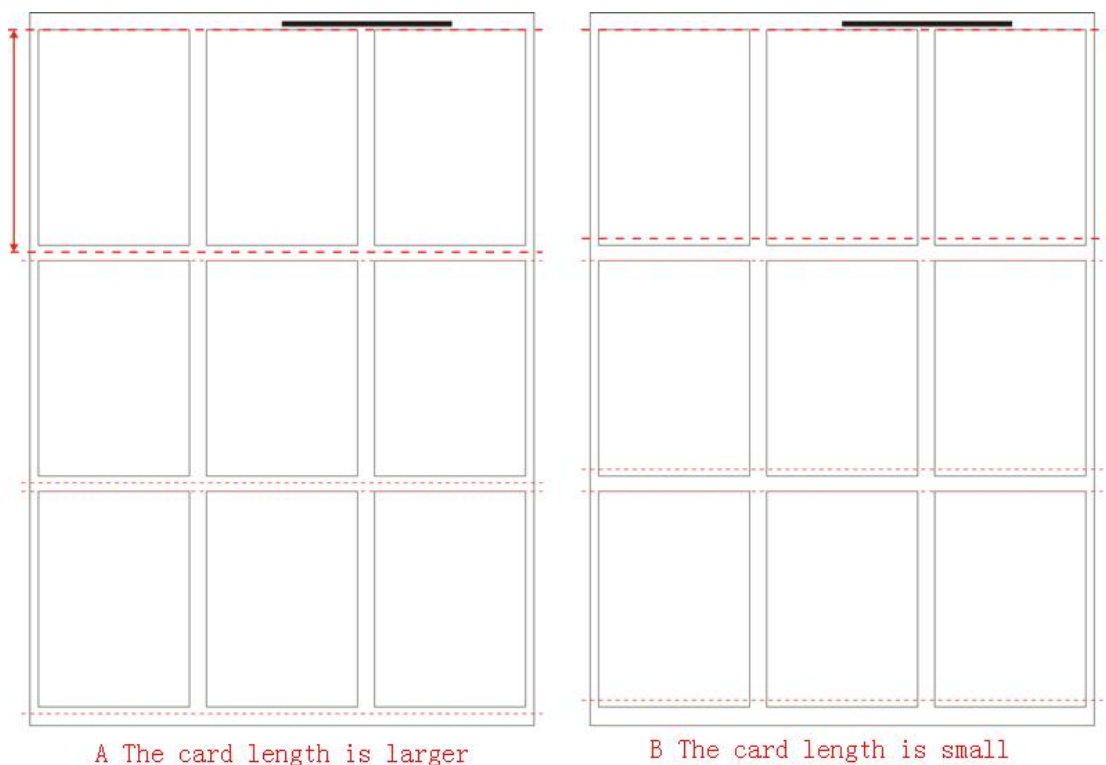
The card size is correct, but the position is increase gradually, show as the picture A and B:



Method: check the 2-5-7, according to the error value, if the last and the first card's deviation is 0.60mm, the gutter compensation value shall be 0.30mm,(3 rows are 2 gutter). The Picture A shall reduce the compensation value, picture B shall increase the compensation value.

4-5 card length deviation

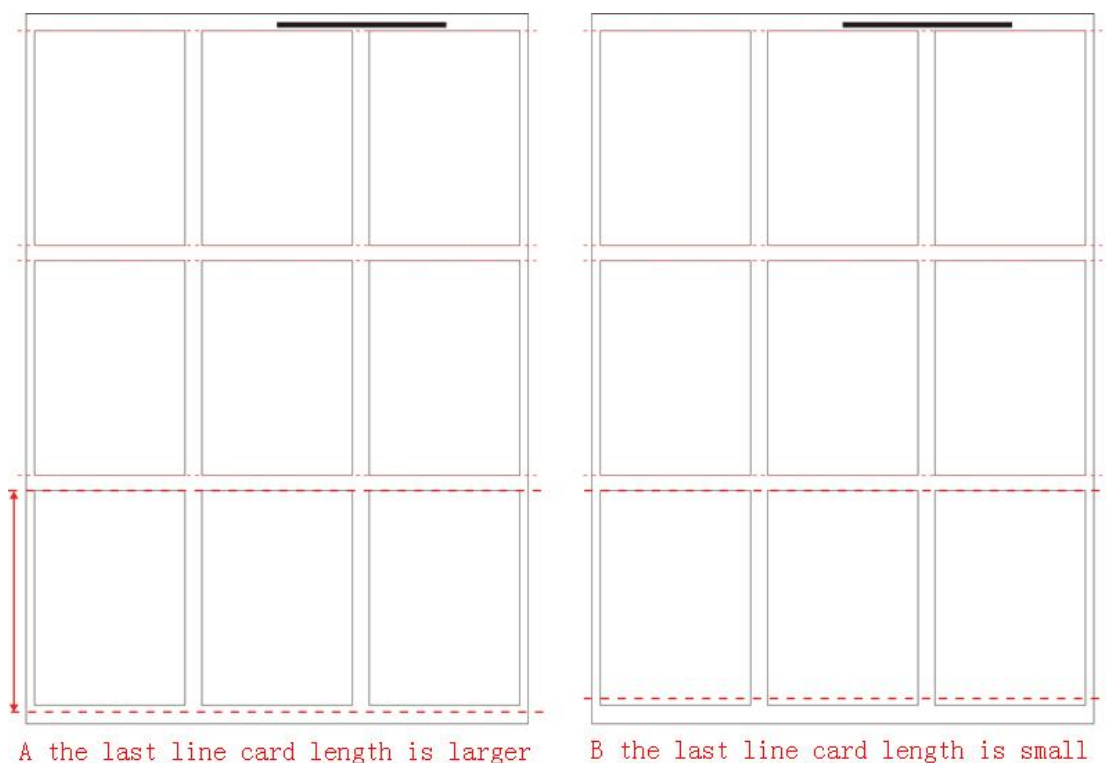
As the picture A and B show:



Solution: check the 2-5-8, according to the deviation value, The same as picture A shall reduce the card length compensation value, picture B shall increase the card length compensation value.

4-6 the last line card length deviation

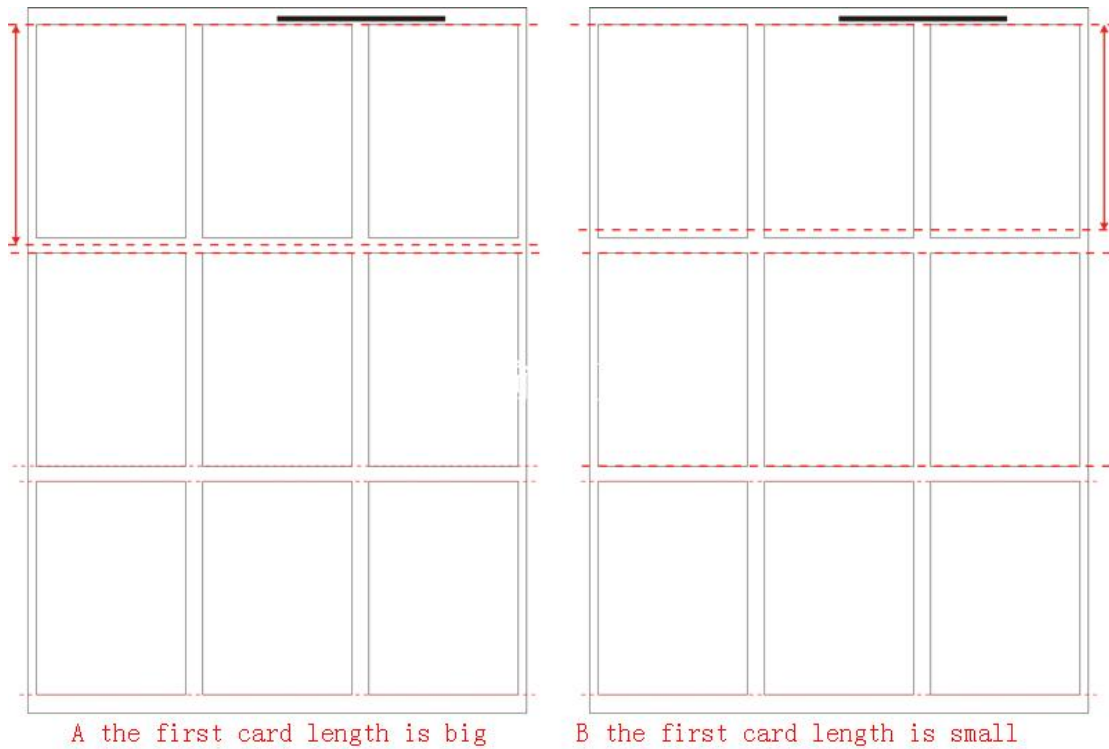
Shown by picture A and B



Method: check the 2-5-10, according to the deviation value, as the picture A shall reduce the last line card length compensation value. Picture B shall increase the last line card length compensation value.

4-7 the first line card compensation

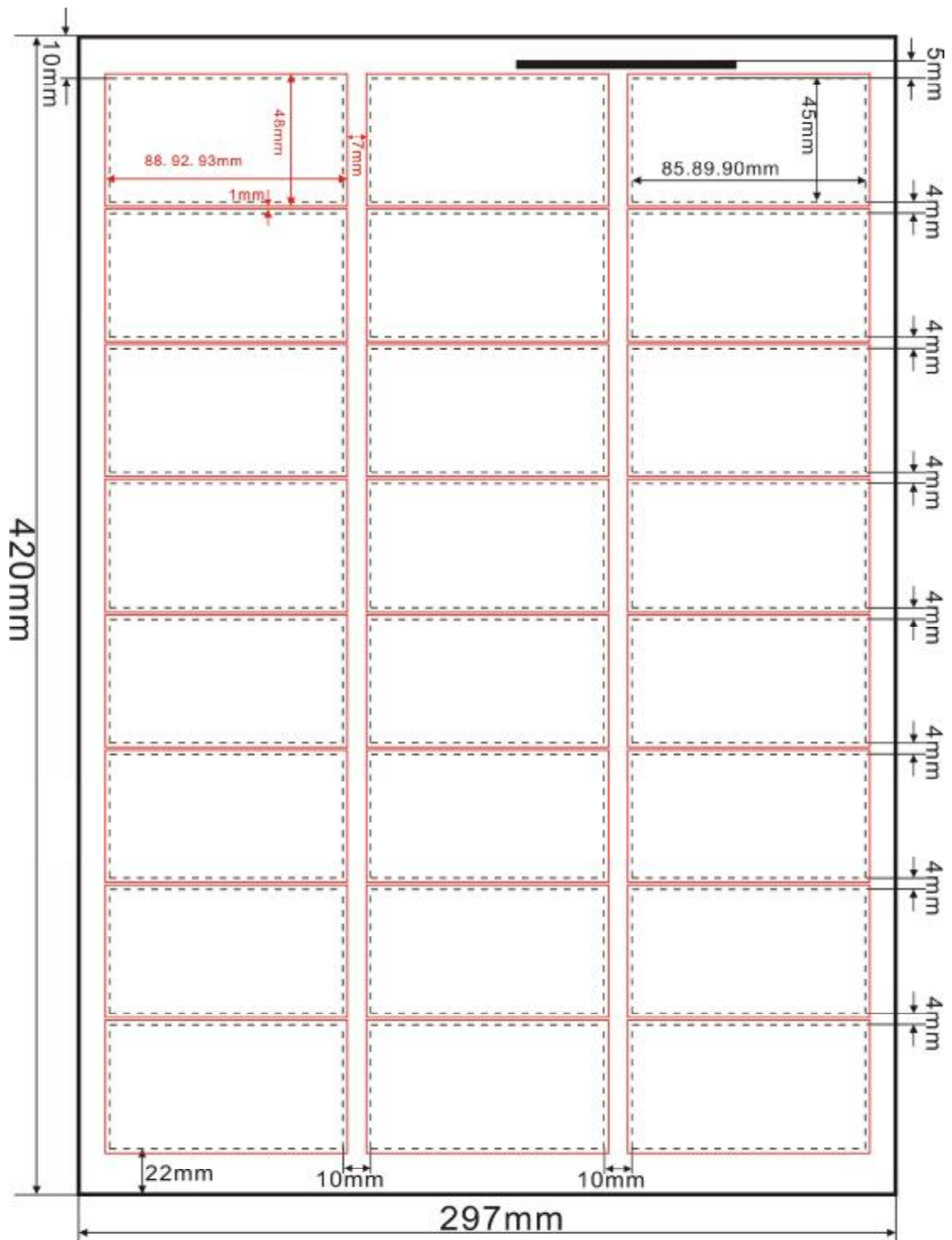
As the picture A and B show:



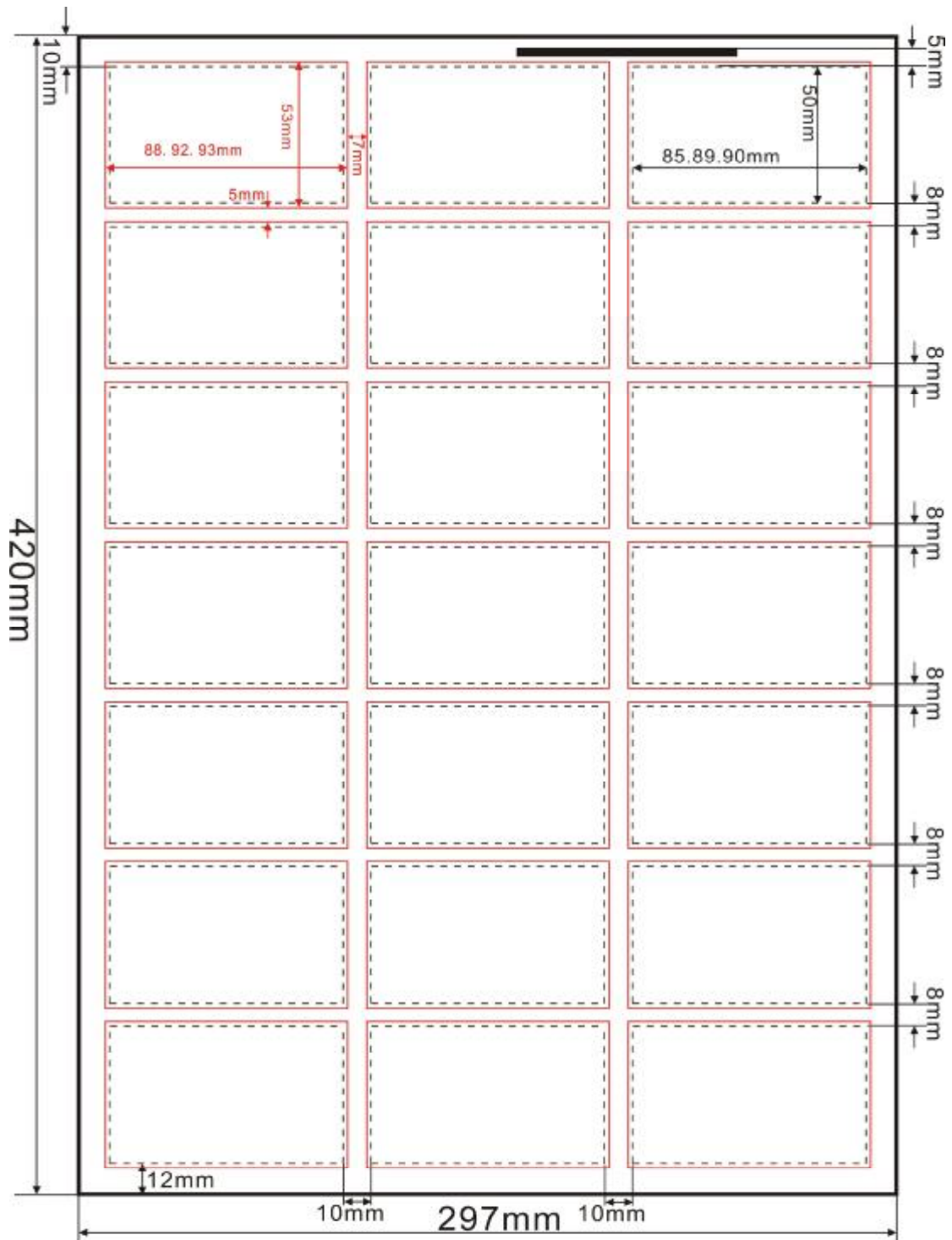
Solution: check the 2-5-11, according to the deviation value, as the picture A shall reduce the card length compensation value. Picture B shall increase the card length compensation value.

5 Appendix A Cutting format

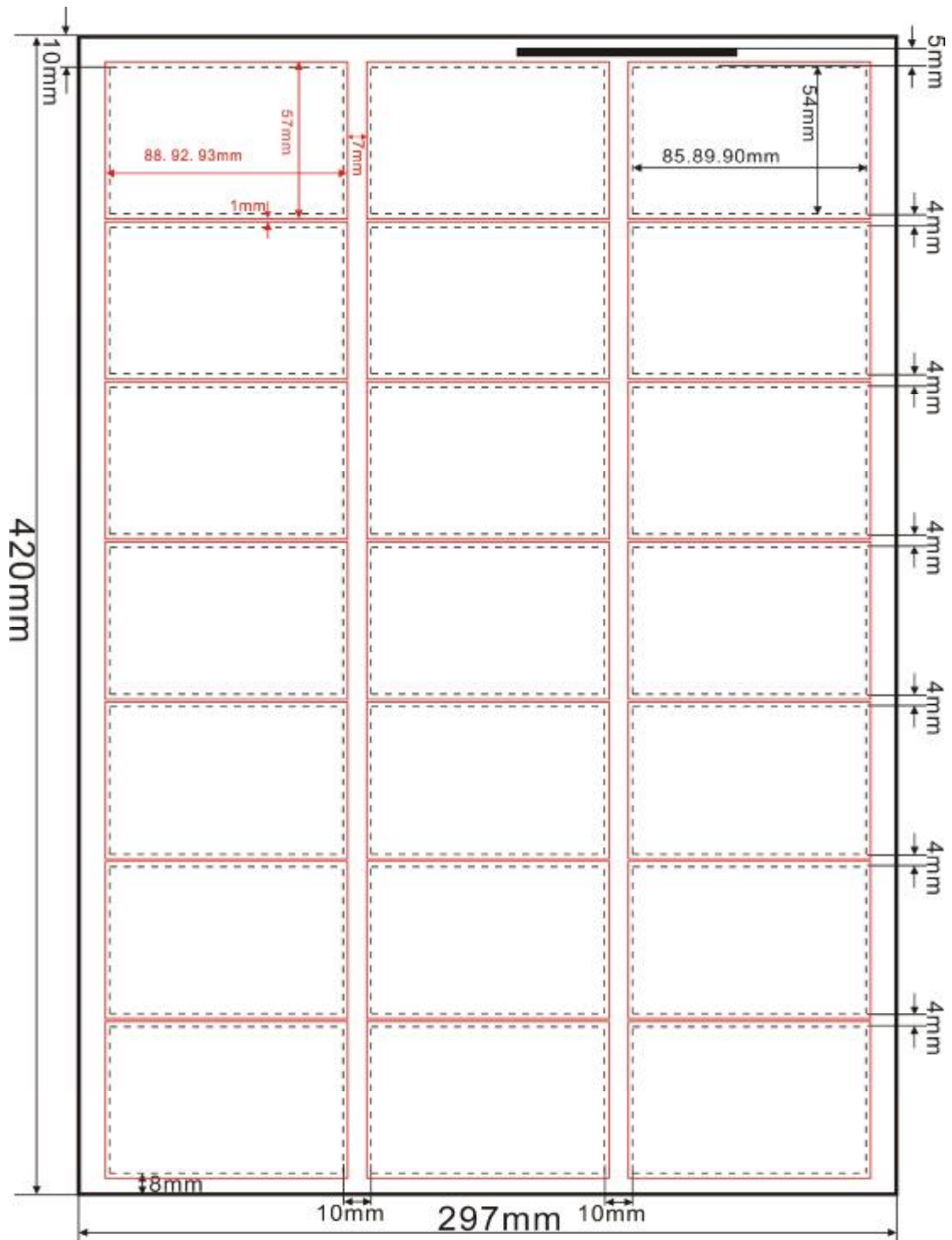
The red border and marked size is printed size, and the black dashed and marked size is the card size, the card content shall be printed within the black dashed.



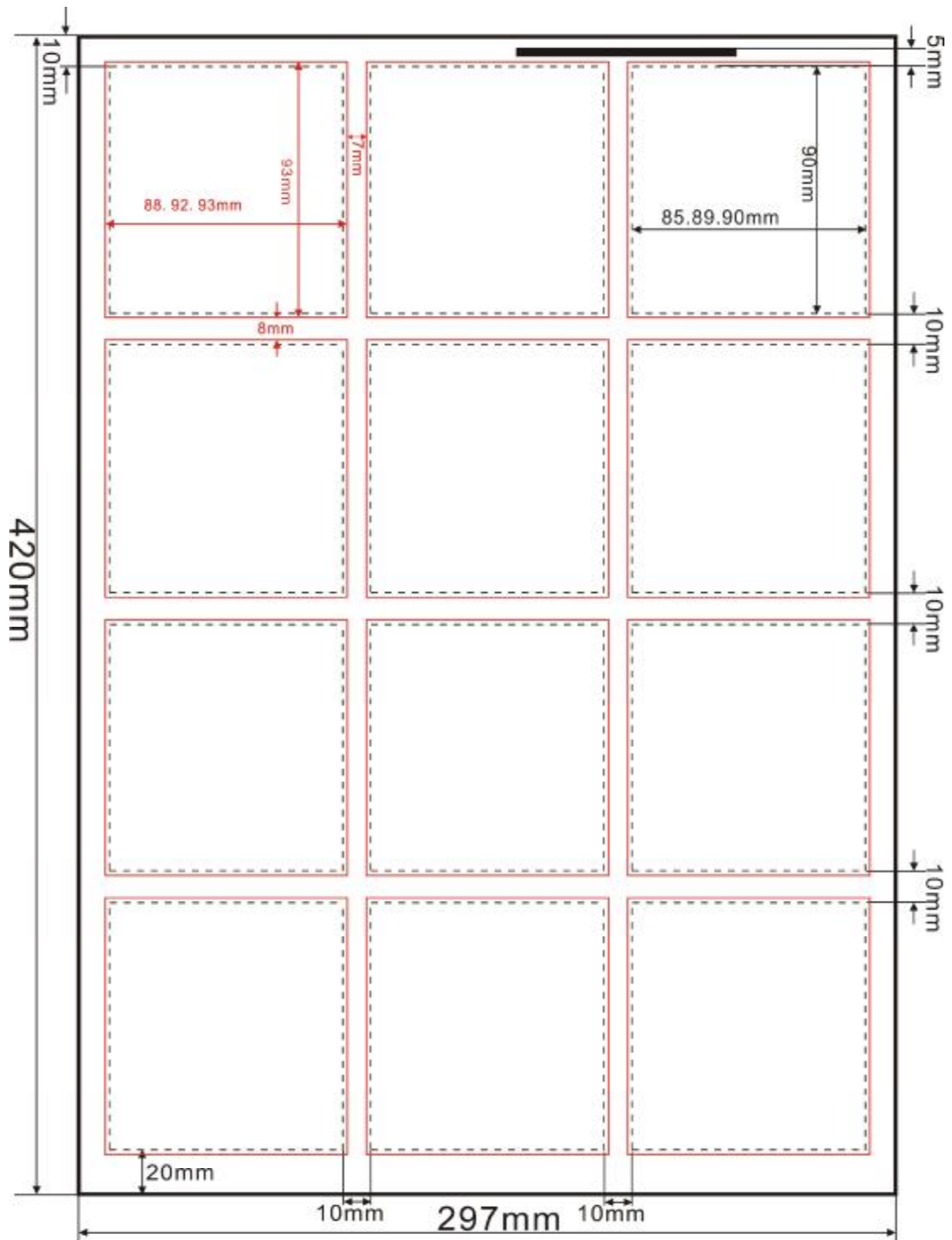
A3 mode 0



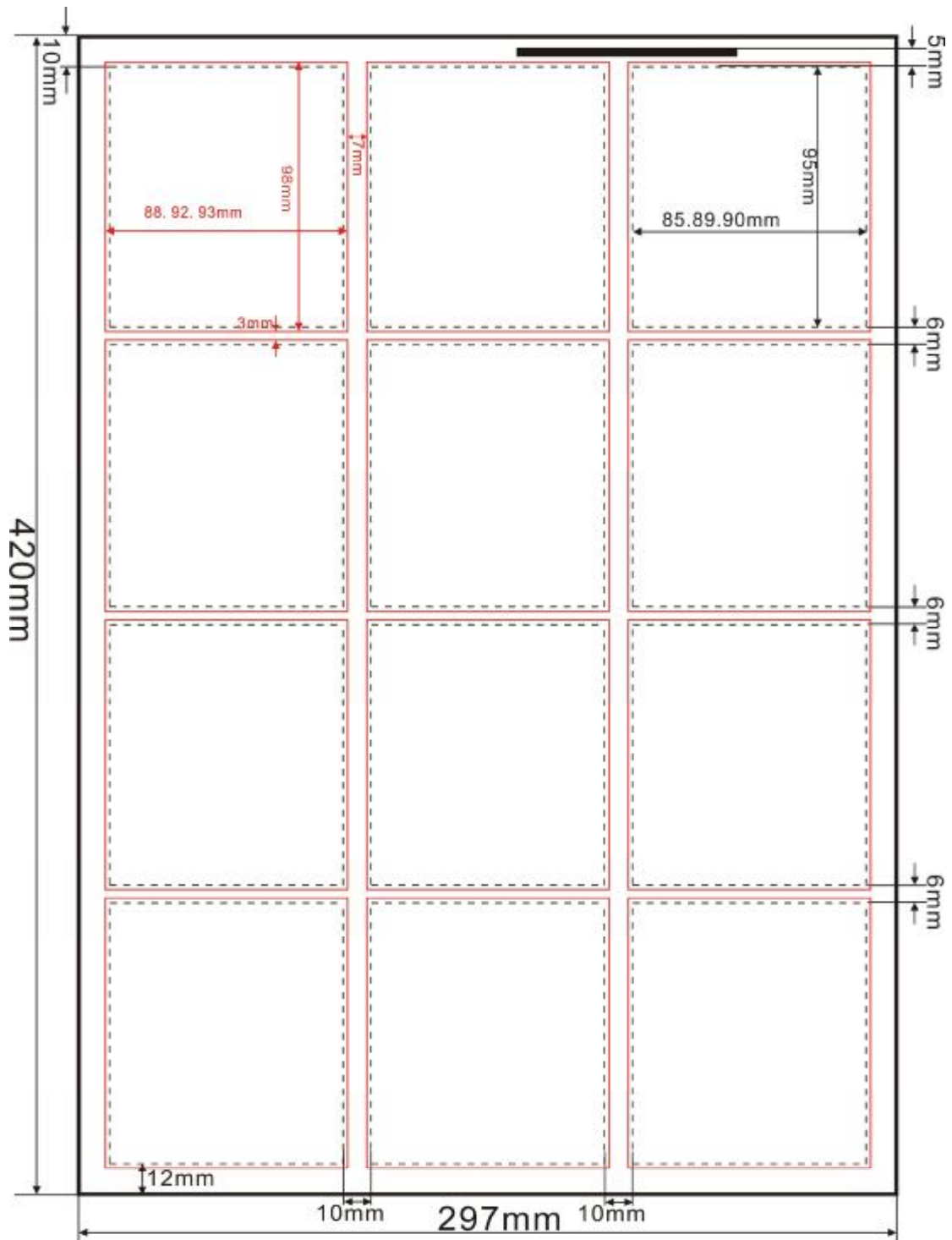
A3 mode 1



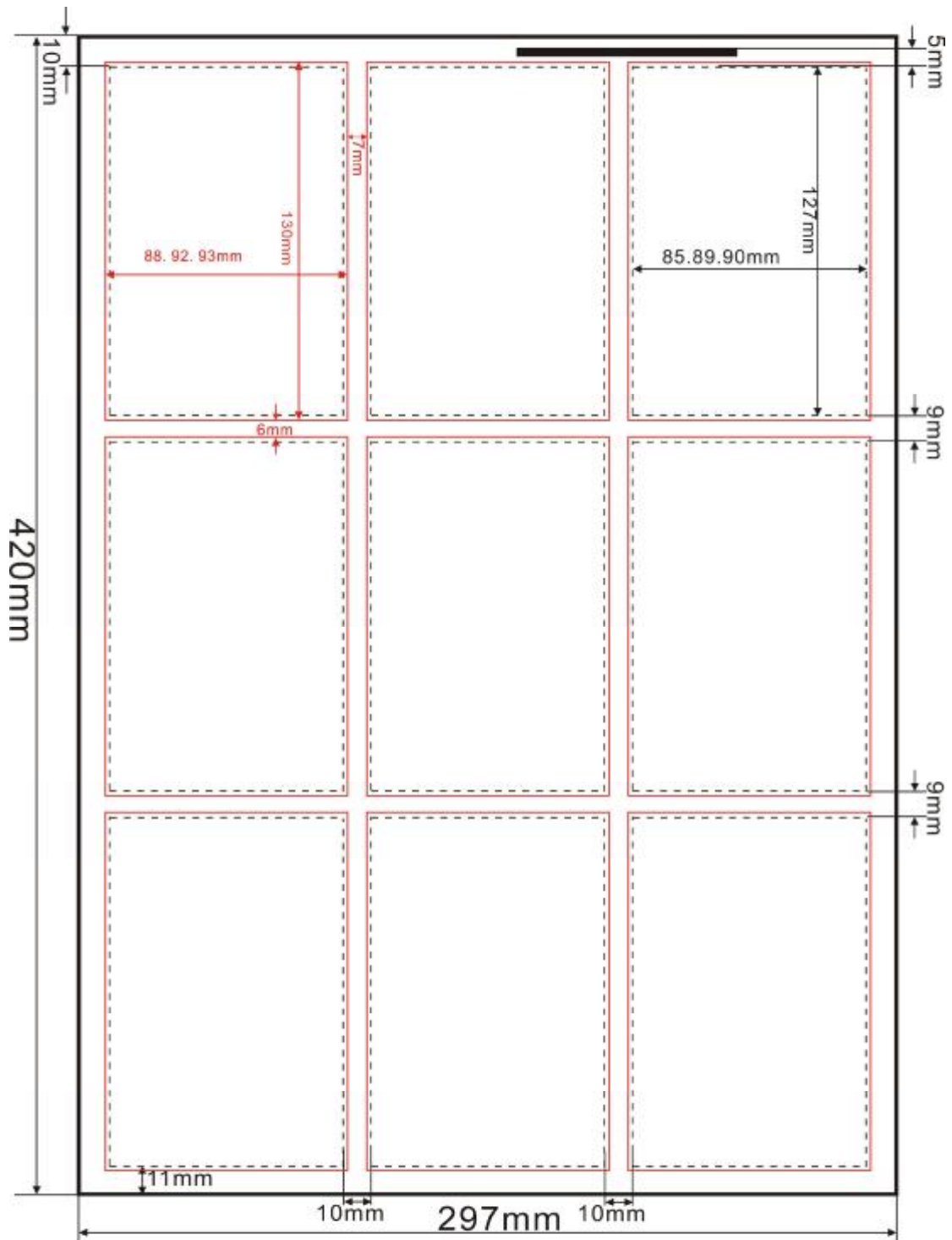
A3 mode 2



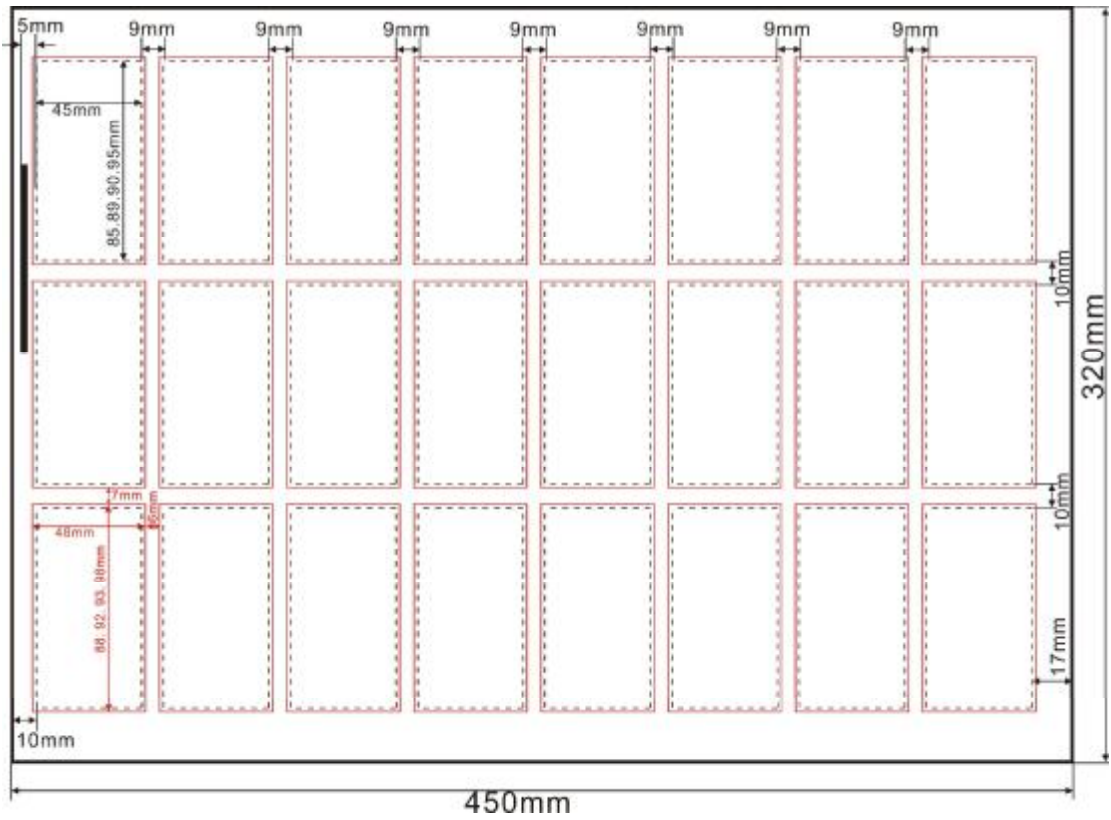
A3 mode 3



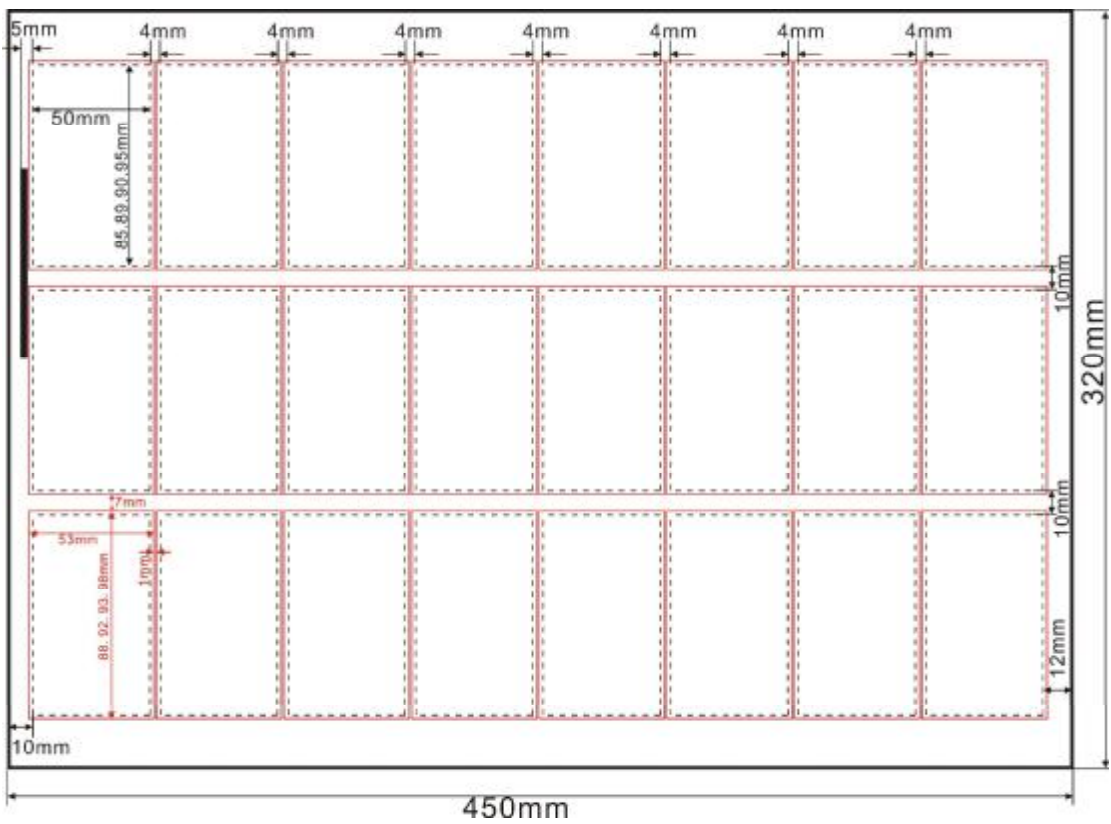
A3 mode 4



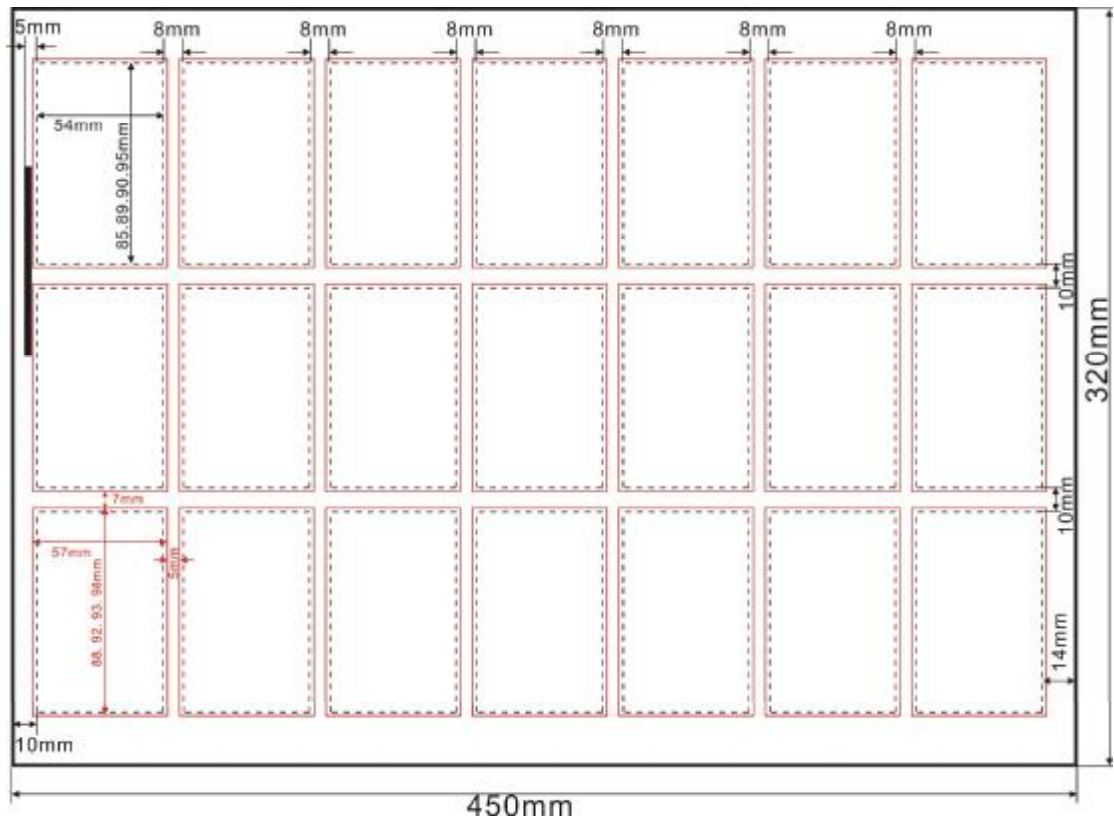
A3 mode 5



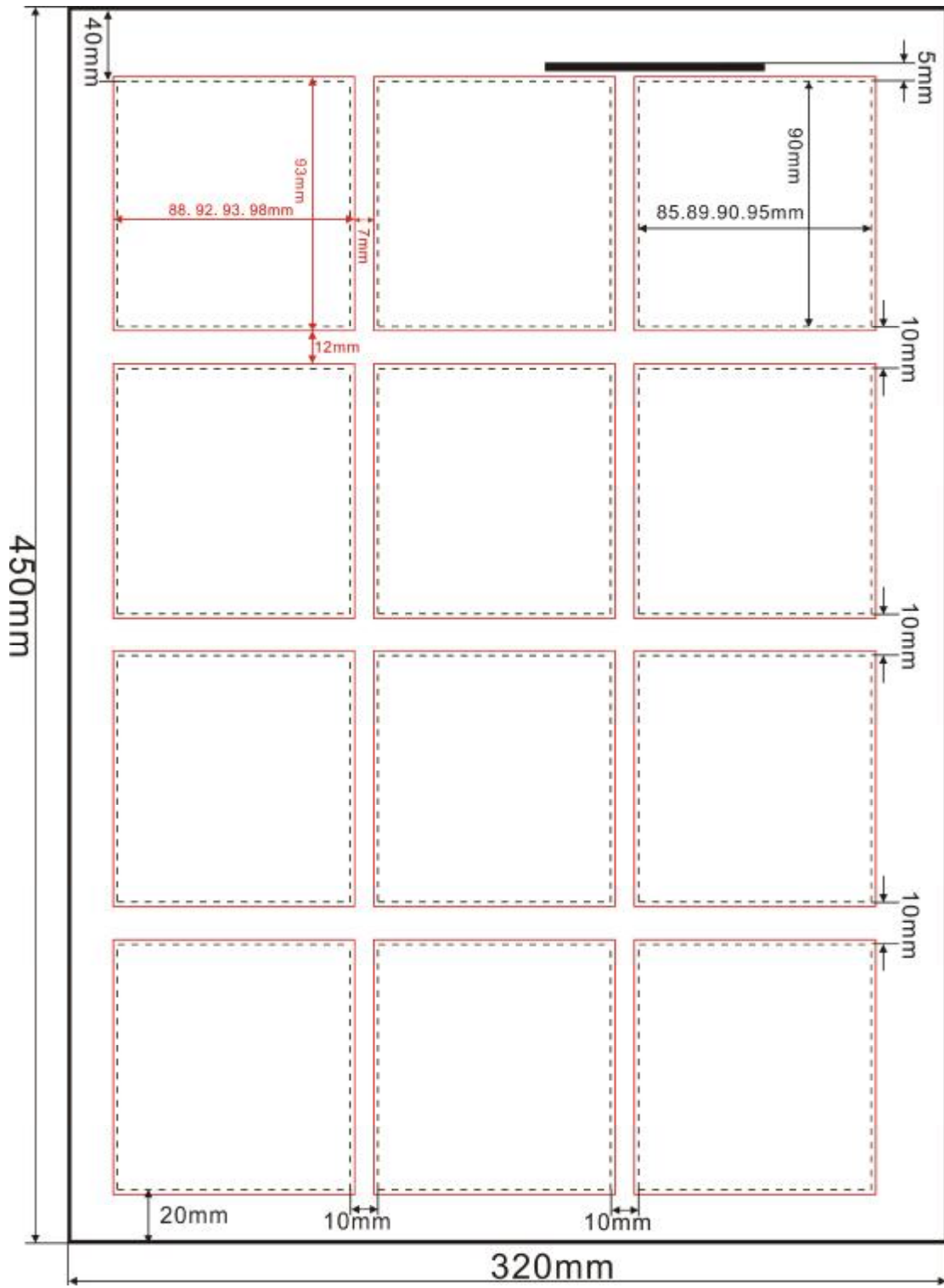
SRA3 mode 0



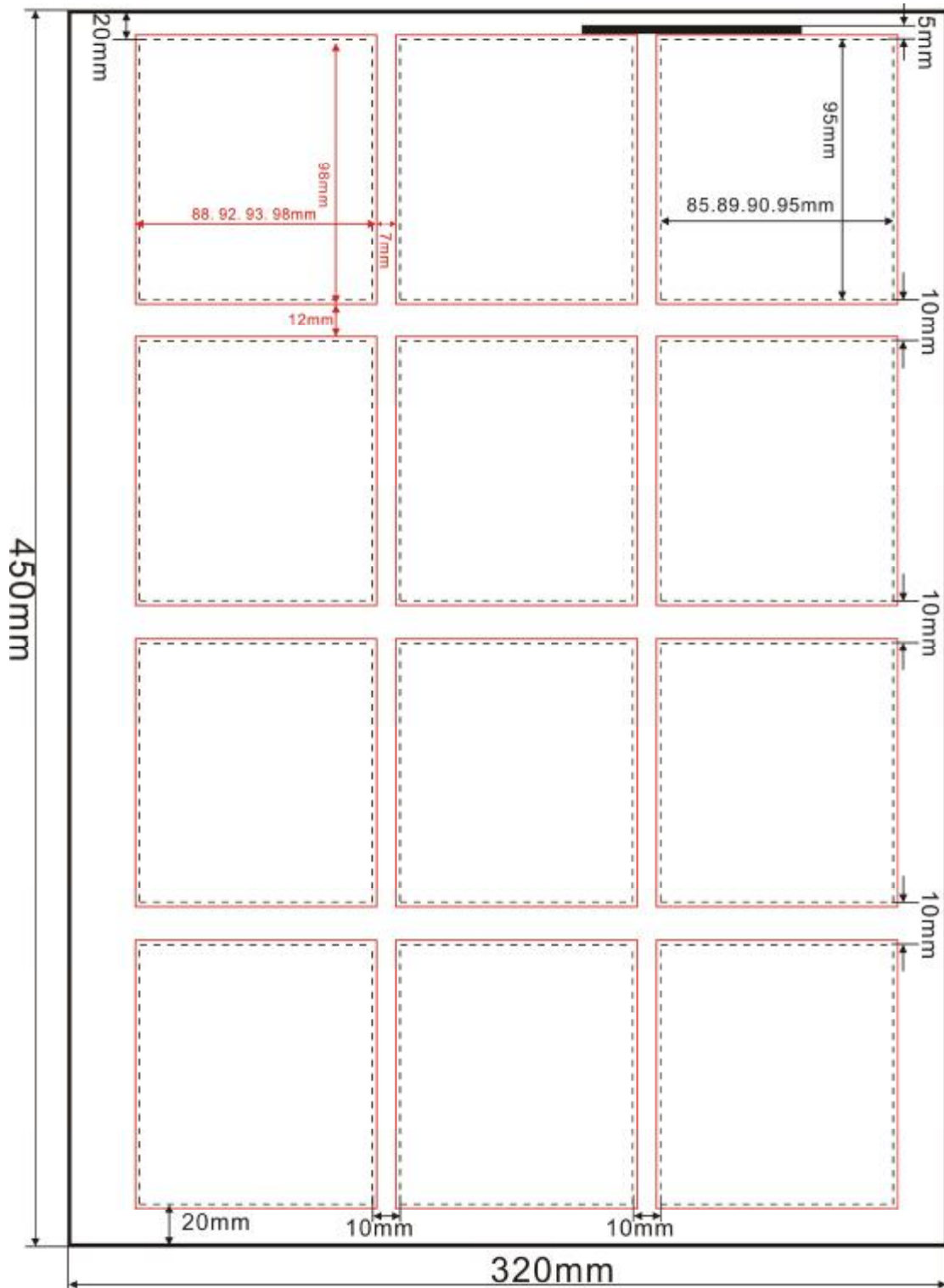
SRA3 mode 1



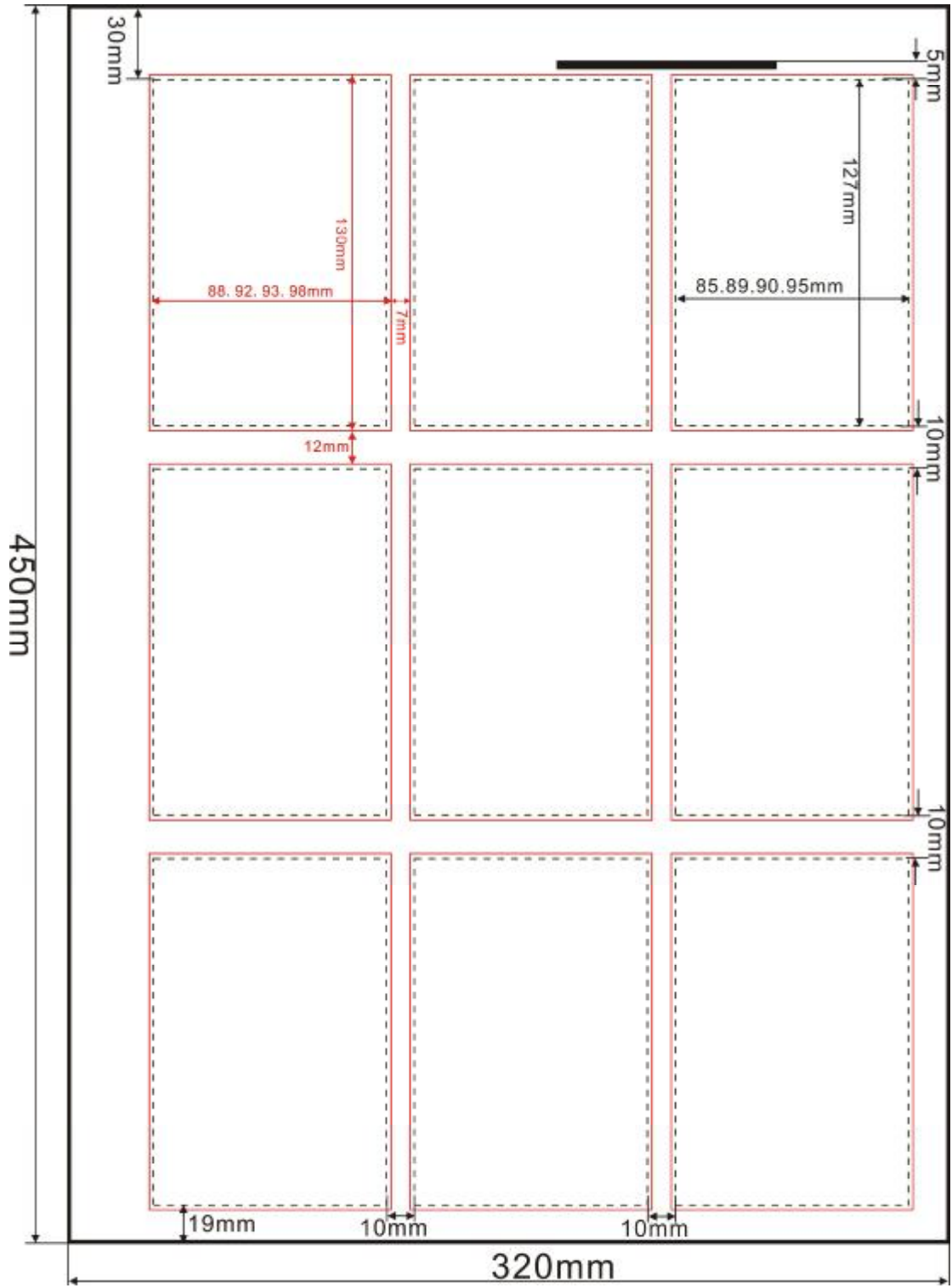
SRA3 mode 2



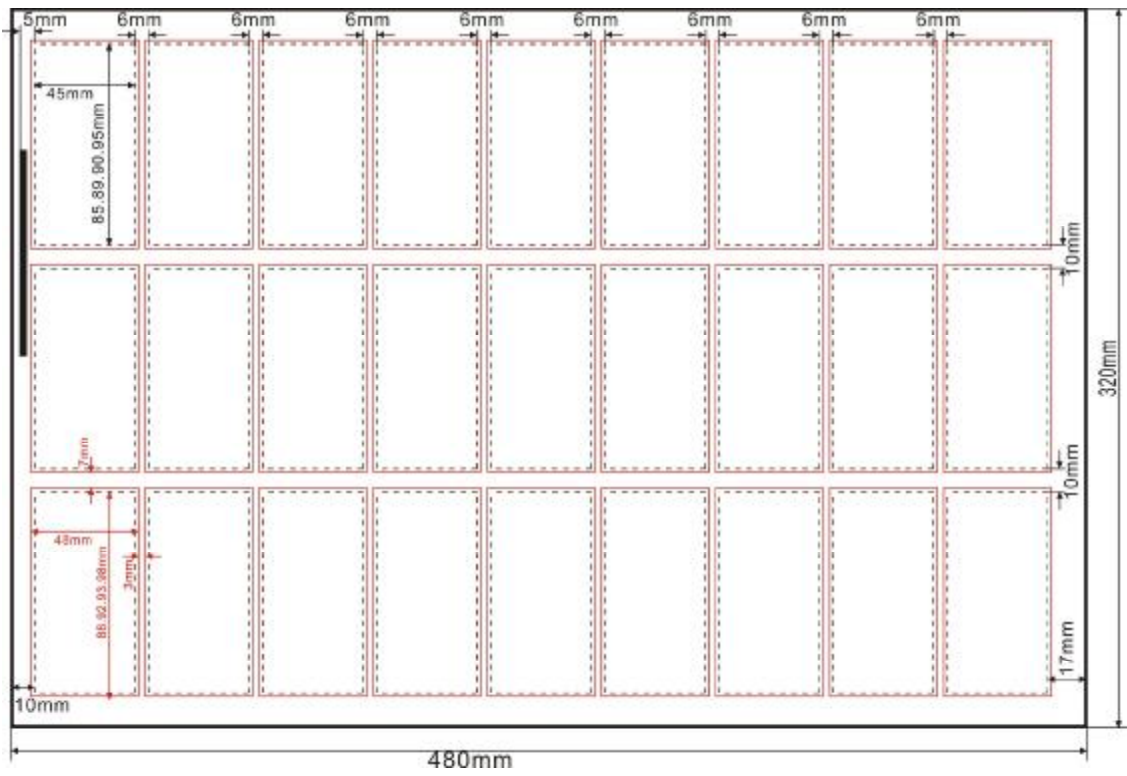
SRA3 mode 3



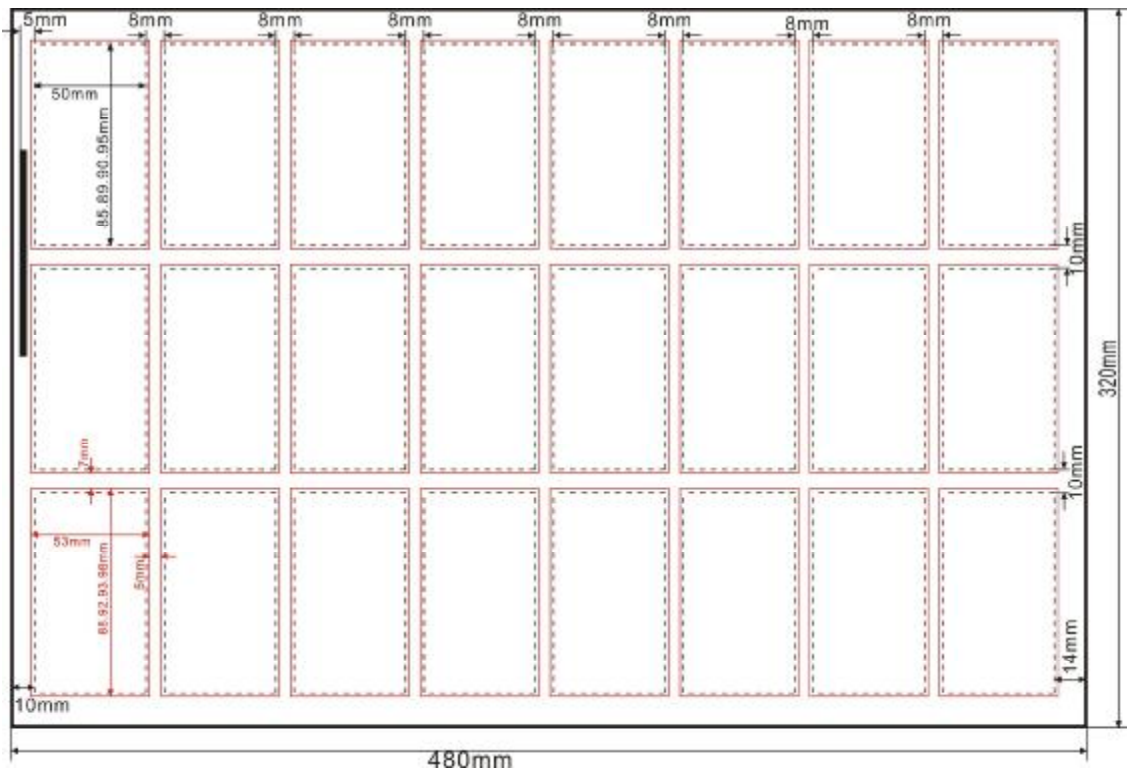
SRA3 mode 4



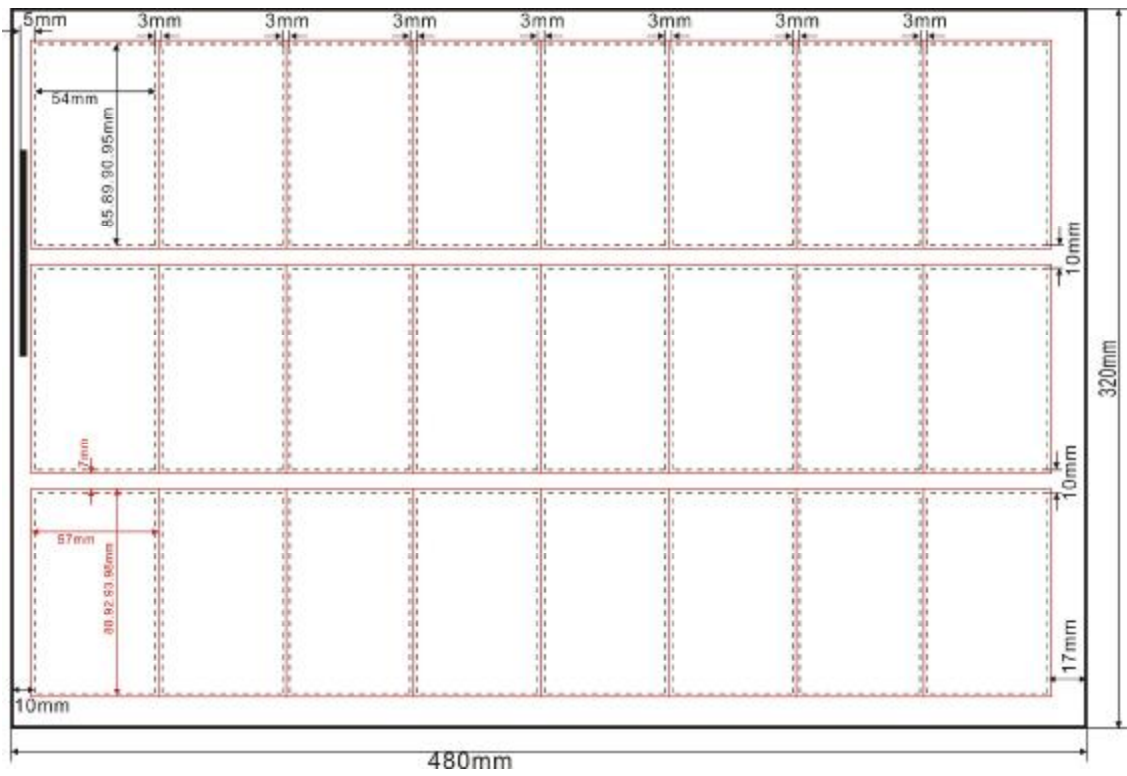
SRA3 mode 5



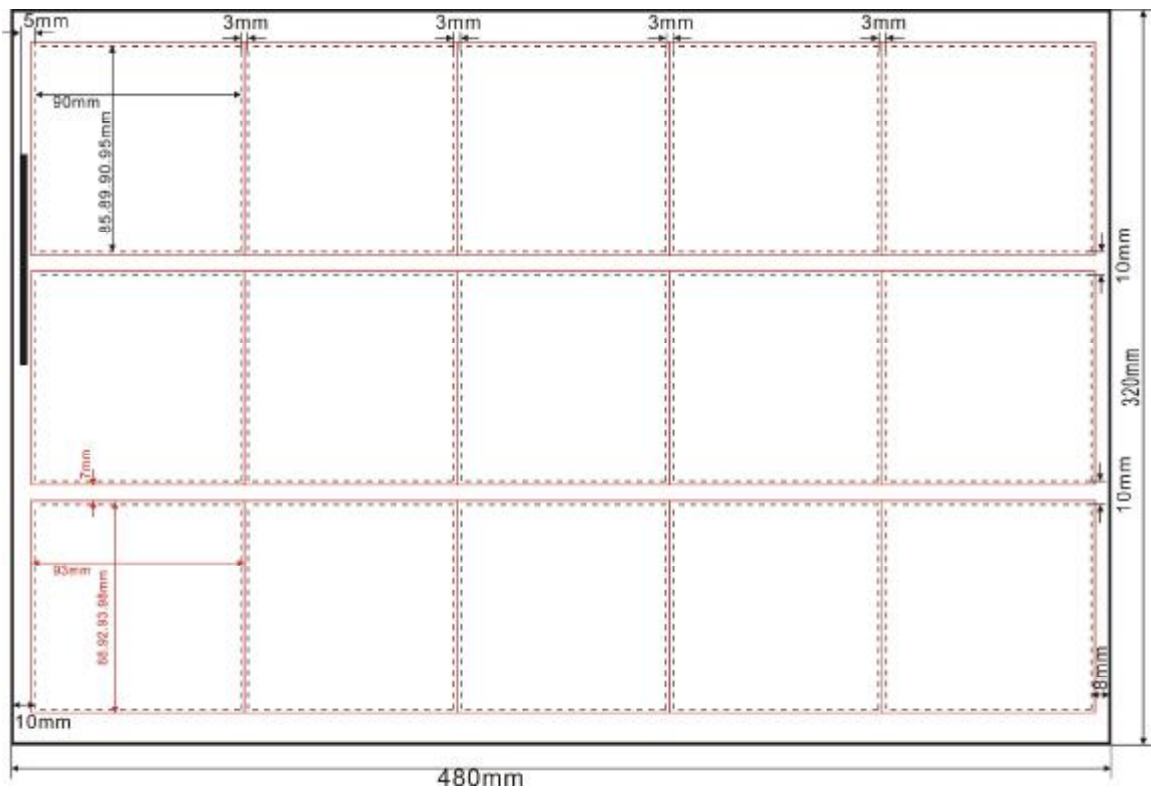
A3+ Mode 0



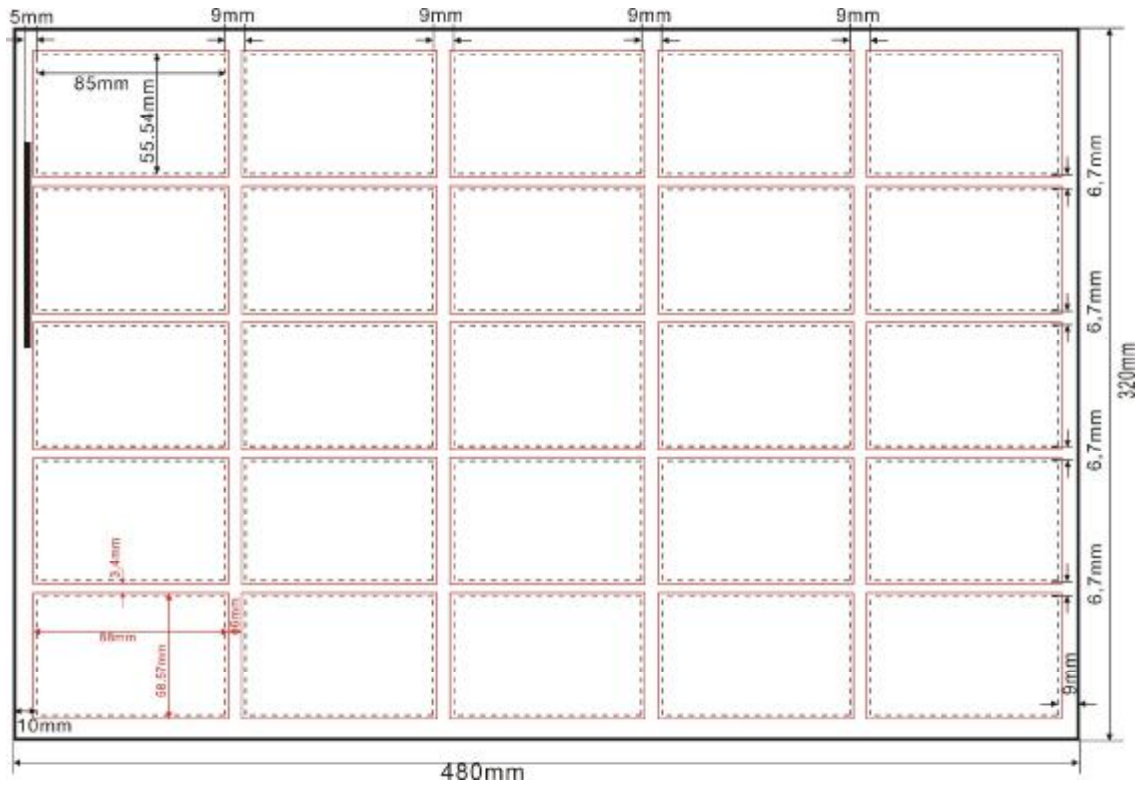
A3+ Mode 1



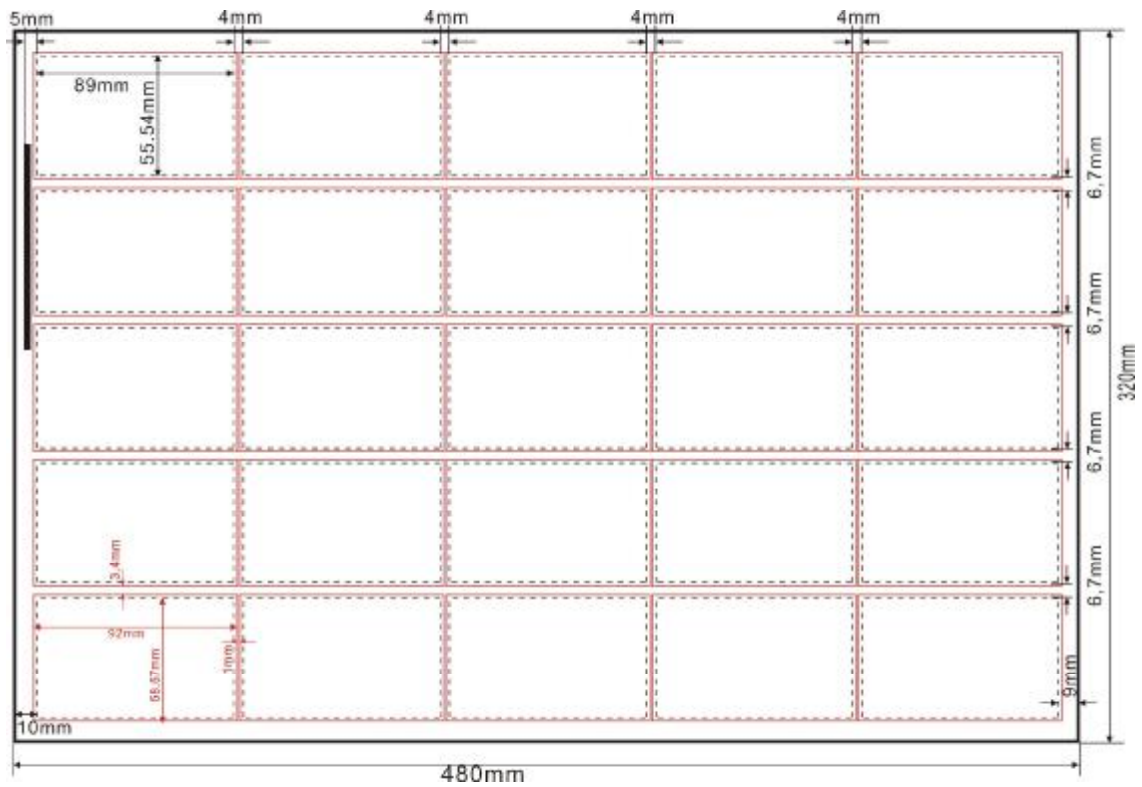
A3+ Mode 2



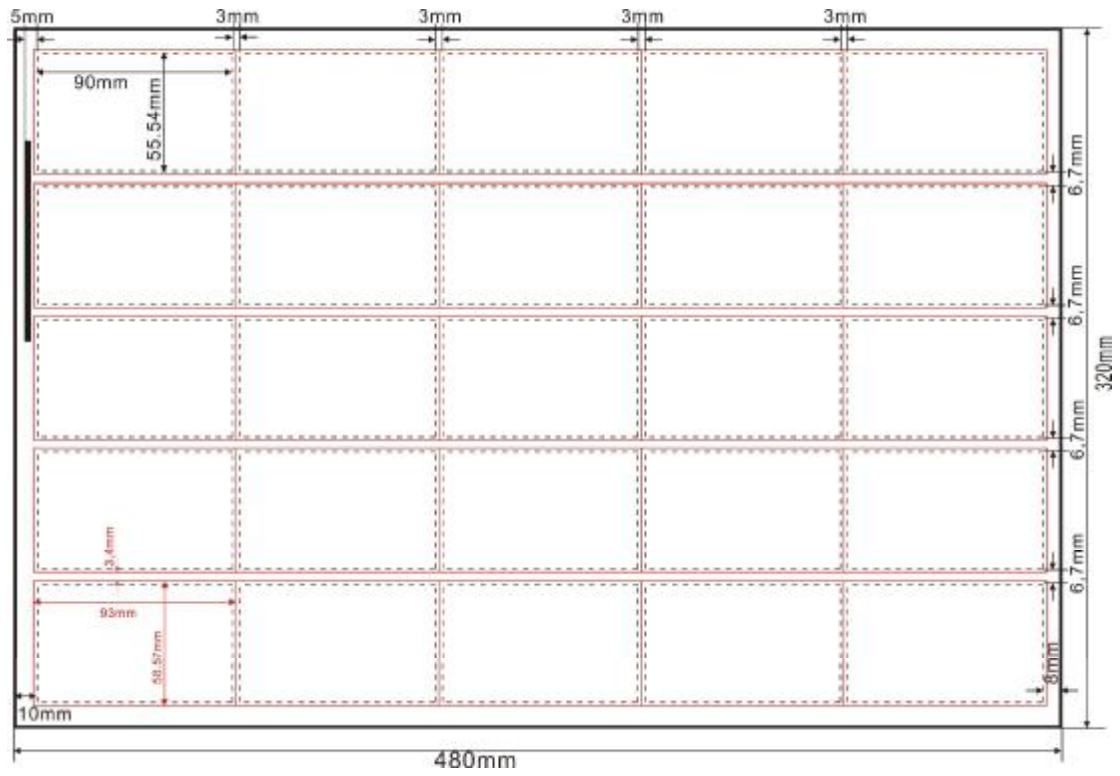
A3+ Mode 3



A3+ Mode 4



A3+ Mode 5



A3+ Mode 6

