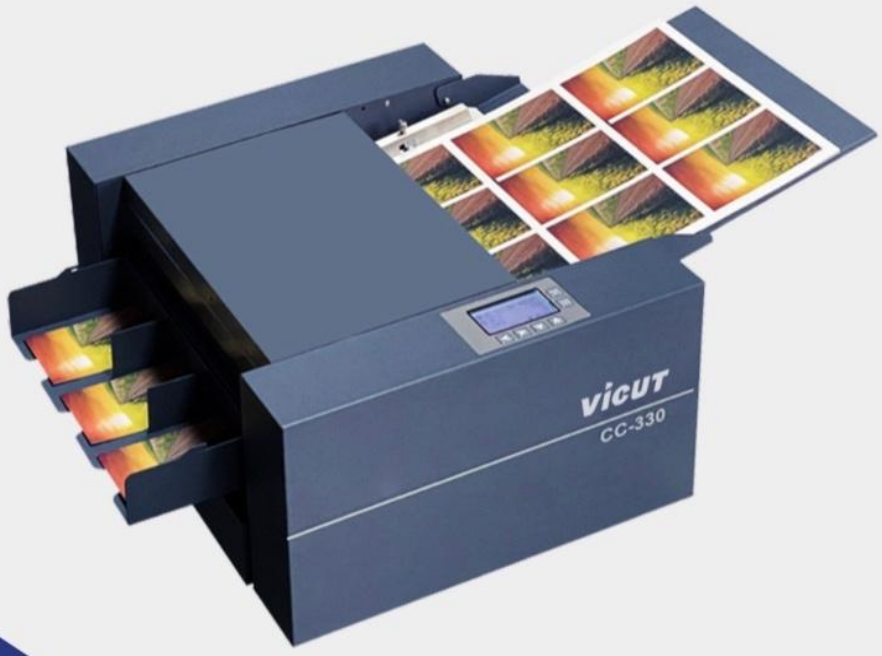
VICUT



AUTOFED CARD CUTTER

CC-330

Die cut
Perforation and die cut (optional)
Creasing and die cut (optional)

USER MANUAL

Thank you for choosing VICUT card cutters, please read the user manual carefully before using it.

Any technical support required,please feel free to contact our service center or local dealers.

www.cncvicut.com

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Chapter One

Important Safety Instructions

Before installing and using CC-330, please read the following safety insructions. This will help prevent accidents or loss of equipment and allow you to fully understand the contents and then set up, operate and maintain the machine in accordance with this.

1 Safety Precautions

1-1 Security matters

In order to prevent accidents, strict compliance with the following matters:

- The machines's power cord ground wire must be grounded
- Do not connect or disconnect with wet hands, as this will cause an electric shock
- Do not use a damaged plug or lead, as this could cause a fire or an electric shock
- Do not use other voltage and power supply, other than specified, as this will cause a fire and an electric shock.
- Ensure all hair, neckties, necklaces are kept free of the feeding table to avoid injury
- Do not allow children to use this equipment
- Turn off the power when the machine is not in use

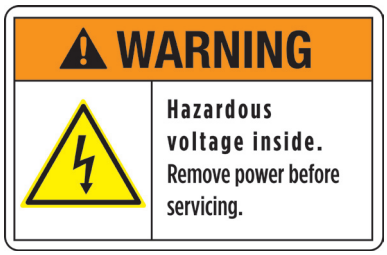
Before any action to remove wate media or to troubleshoot the machine and In exceptional circumstances, please cut off the power supply.

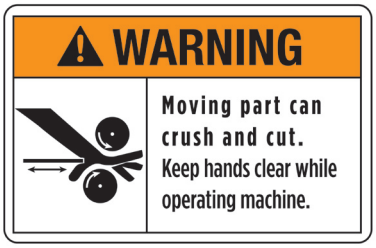
Please contact your supplier for machine operating instructions should you be unable to follow any of the manuals instructions or if the machine fails to work.

1-2 Warning labels

The warning labels are placed so you are aware of areas where caution should be taken.

1. Caution electric shock - do not touch machine with wet hands and remove before servicing.
2. Caution moving parts - do not place hands in machine whilst in operation.
3. Caution nipping hands - do not place hands in machine.





Operators should pay attention to the location of the warning labels shown here.

2 Safety Features

In order to prevent accidents, the machine has a cover interlock feature to avoid anyone operating the machine.

2-1 Articles

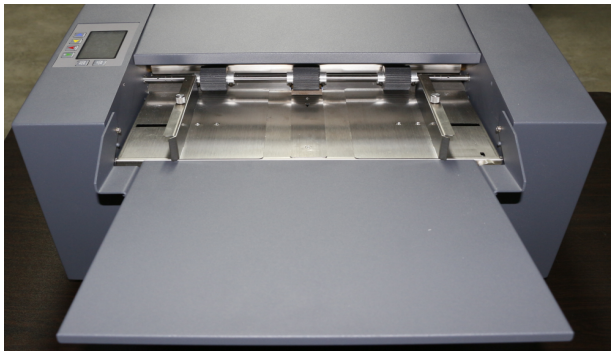
2-1-1 Articles and operating limits

The machine has a locking safety cover that prevents items from getting caught in the working mechanism of the machine.

If the cover is removed during operation the machine will stop working.

2-1-2 Locking lid - stationary lid

1. Top cover
2. Locked-cover-switch
3. Operate side cover (left cover)
4. Right side cover
5. Front cover



Picture 1-1 front view with feed tray

Picture1-2 back view with catch tray

Chapter Two

Machine specifications and contents

This chapter covers details about the card cutterBC-330and the standard items delivered with it.

1 . Machine Summary

1-1 Main purpose for usage

The cutting of pre-printed business cards, postcards, inserts and greetings cards to pre-set and custom specified sizes.

1-2. Machine Specifications

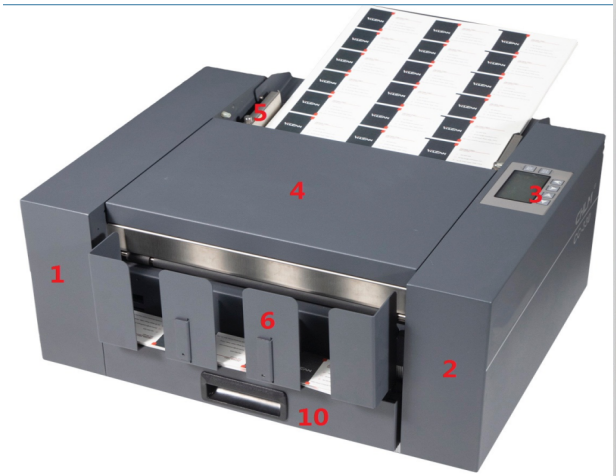
Model	CC220	CC330
Paper size	A4, A4+, or (195-216)mm x (279-297)mm	A3, A3+, SRA3,or (297-320)mm x (420-480)mm,
Cutting size	Longitudinal: (89/85/90/95)mm, or customized	
	Horizontal: (45/50/54)mm, or (3-600)mm, fully adjustable	
Cutting method	Longitudinal: cut by self sharpening slitting cassette	
	Horizontal (cross cutting knife):cut by a lateral long cutter	
Cutting speed	250pcs / 96 seconds for 85x55mm card from SRA3 sheets	
Cutting position control	Front edge detection/Cut Registration Mark	
Paper feeding method	Dual roller auto-feeding paper tray	
Feeding Tray Capacity	60sheets(350gsm) ;72sheets(300gsm); 80sheets(250gsm);	
Paper thickness	180gsm - 400gsm	
Output tray card capacity	180gsm: 280×2 (pcs); 300gsm: 220×2 (pcs)	180gsm: 280×3 (pcs); 300gsm: 220×3 (pcs)
Cutting tolerance	±0.2mm	
Humidity	35%-70%	
Operating temperature	-15℃- +40℃	
Power supply	AC 110-220V, 50/60HZ, 0.5A	
Weight	N/W:26kg;G/W: 31kg	N/W:31 kg; G/W:36kg
Machine dimension	680x450x310mm	760x550x310mm
Packing size	650x580x380mm	
Optional function	cutting+ creasing	
	cutting + perforating	

1-3 Accessories

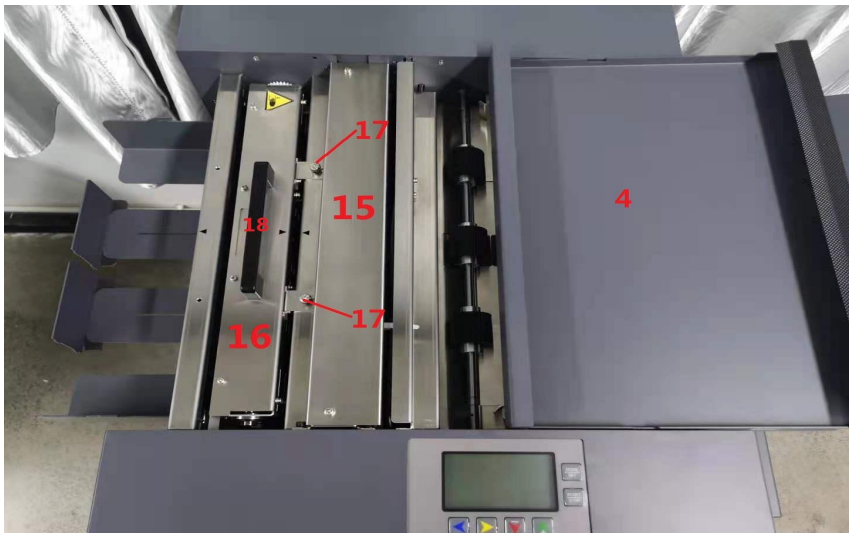
The below accessories are included in the box with the card cutter. Please check that you have received all items listed. If anything is missing please inform your supplier immediately.

	MACHINE BODY	1SET
	USER MANUAL	1SET
	CARDS COLLECTION TRAY	1SET
	baffle	2PCS
	POWER PLUG	1PCS
	U-DISK (pre-setting software)	1PCS

1-4 Description of machine parts



1. Rear side cover
2. Front side cover
3. Operating panel
4. Safety cover
5. offset adjustable srew
6. cards collection tray
7. Start button
8. Power cord
9. Paper feeding tray
10. Waste paper collection tray



11. Left paper feed panel - adjustable
12. Right paper feed panel - adjustabe
13. MARK sensor (triangle) arrow for positioning
14. Paper feed rollers
15. Cross cutting knife
16. Longitudinal knife - changeable cassettes
17. cutting cassette fixed screws
18. cutting cassette handle

Chapter Three

Set up - Operating, maintenance and troubleshooting

This chapter details operating methods and any required maintenance of the card cutter.

1. Set up

1-1 Setting up methods and procedures

Attention

The cutter can be lifted from its box by one person however, it is advised that it should be lifted from its box by 2 people.

Remove the cutter as specified below:

Open the box and remove the top cardboard and foam packing as shown below.

Place you hands either side of the white foam inserts, these should be lifted out with the unit and remove the unit placing it on a stable surface. Picture 1.

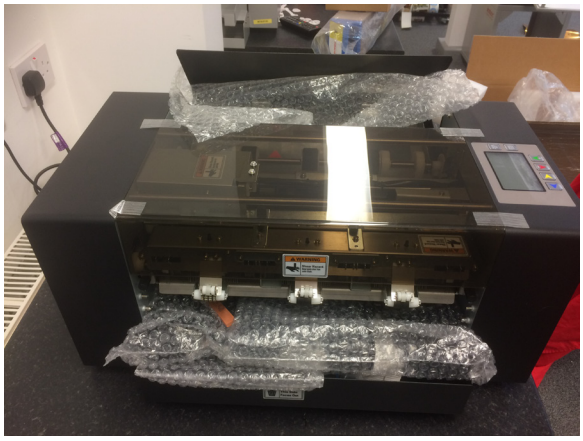
Picture 1

Picture 2

Picture 3

Once out of the box and placed on a stable surface, carefully, and whilst supporting the machine remove the white foam ends and outer plastic bag. Picture 2 and 3.

Once in place and on a stable surface check contents.



The machine contains wrapped items, as listed in Chapter 2. 1-3 Accessories section, in the waste tray.

Remove all the items and check all the contents are there.

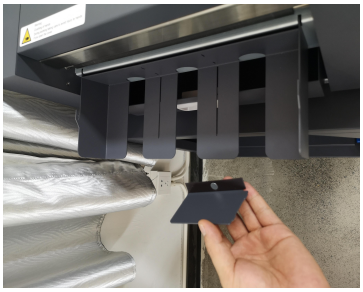
Once you have confirmed that all the items are received please put i t together as follows:

1-2 Paper Feed Tray
Open the feed tray as below:

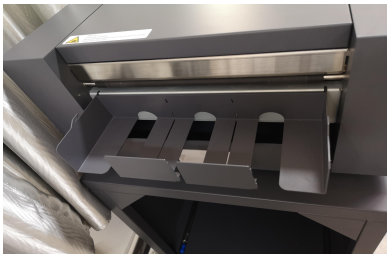
1-3 Waste Paper Tray
Install the waste paper tray in the back of the machine, making sure tray is fully inserted into the aperture.

1-4 Card Collection Tray

Install the card collection tray onto the holders.

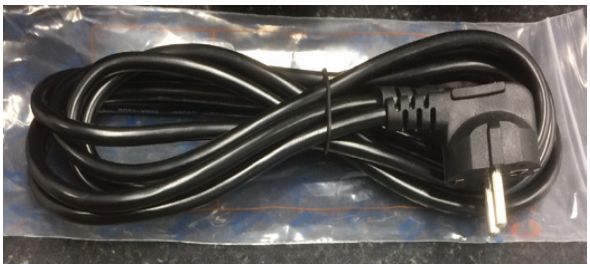


After the card collection tray has been secured in place, add the card dividers - these are magnetic and adjustable.



1-5 Mains Power

Now put your mains power cable in its input socket and plug into a mains power source.



Attention: Make sure the main covers magnetic interlock switch is fully connected
In order to remove the static charge must be grounded.

Attention: In case of electric leakage, be careful electric shock
Make sure power switch be turned on.

1-6 Placement of machine for operation

Please use the machine in the following places:

- On a stable surface
- In a well-ventilate area
- Ensure area around the machine is free from debris

The machine is made of precision machinery and electronic components and therefore needs to be located in a suitable place for use.

Please avoid the following locations:

- Direct sunlight
- Areas of high humidity
- Keep away from sources of ignition
- Places that can become prone to moisture
- Close to heating and cooling sources
- Vibration of work surface

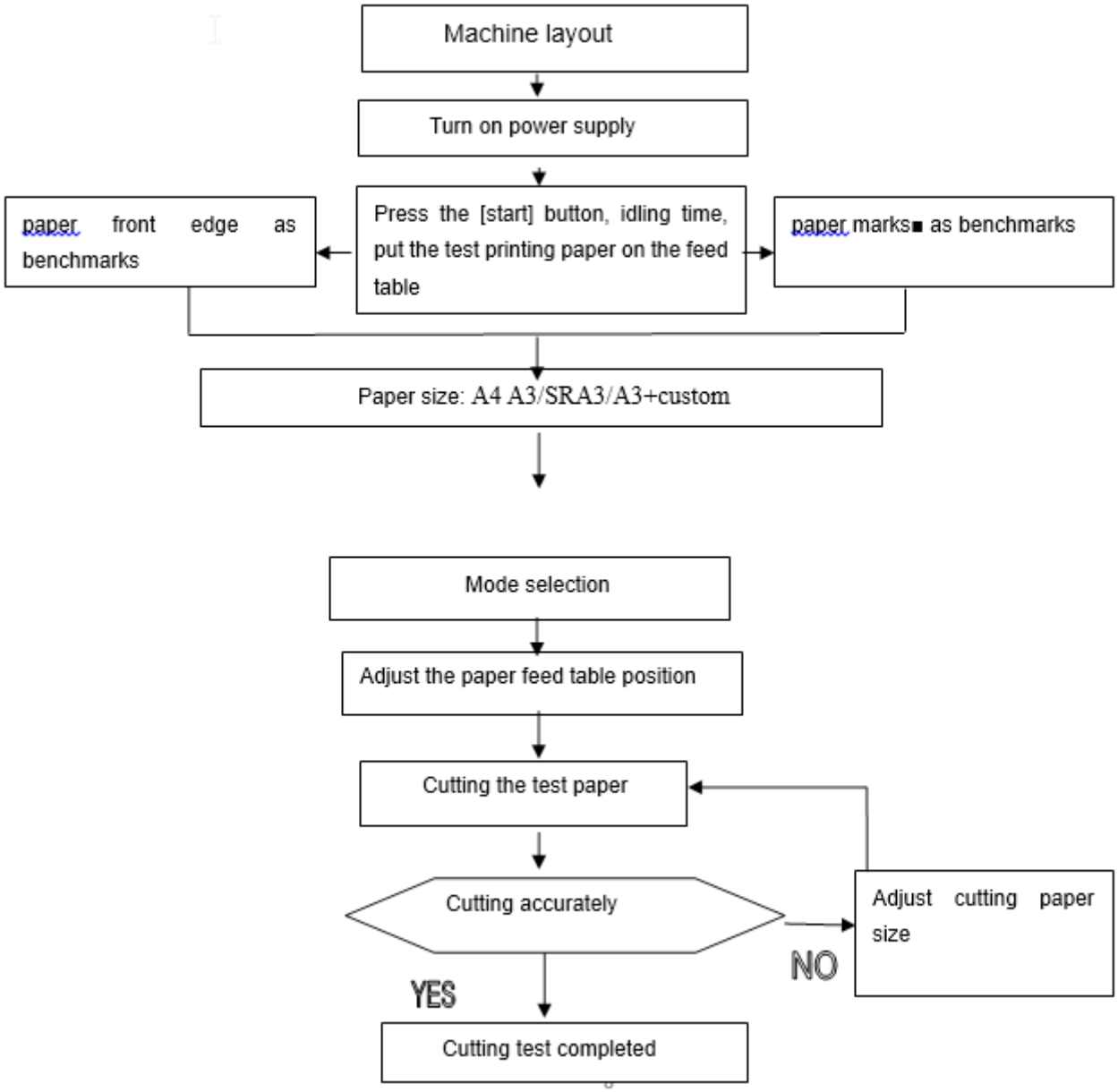
Attention

- Don’t put any other electrical plug, other than what has been provided, into electrical outlet
- Prone to static - you should use static shield and humidifier
- Don’t put the machine on a table that is smaller than its footprint

2. Operation

2-1 Cutting workflow

This flowchart shows you the process for machine usage.

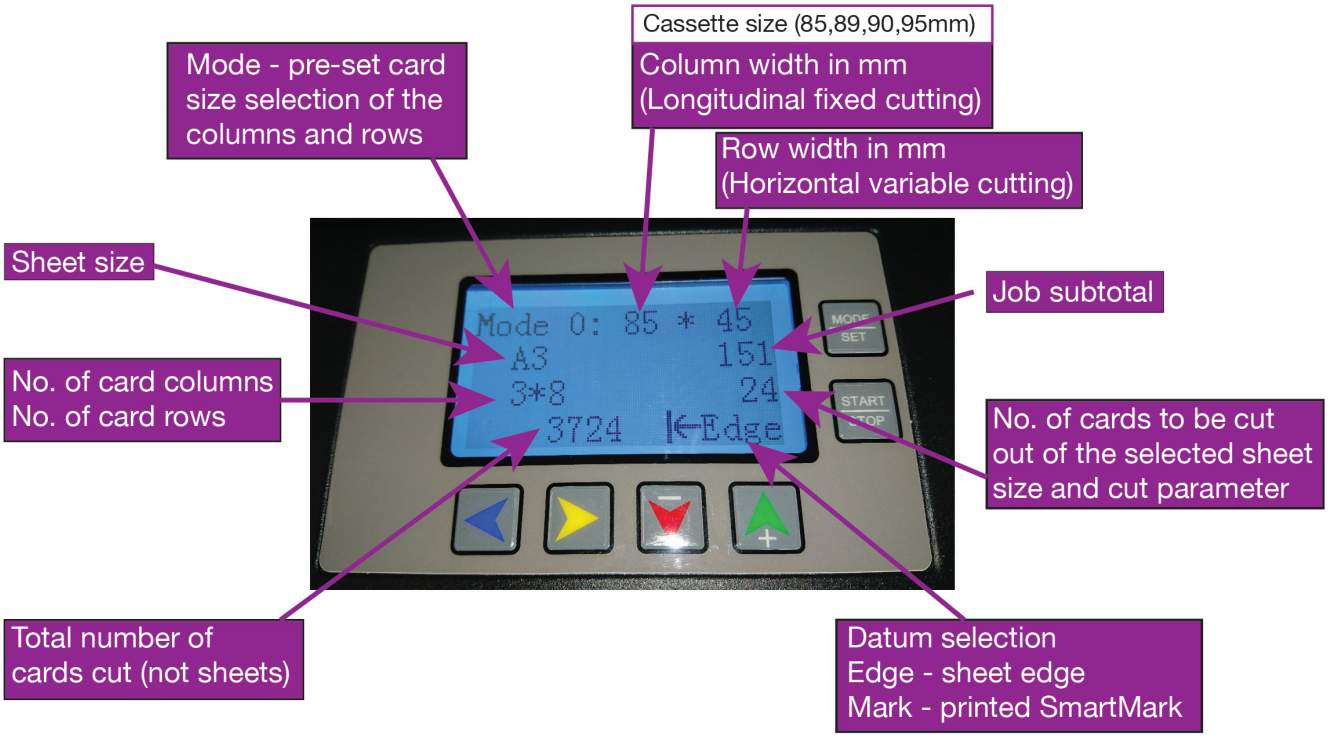


2-2 Operation panel description

2-2-1. *LCD display description*

Initial understanding of the LCD panel is important. Please take a little time to navigate yourself through the buttons and display before completing any work.

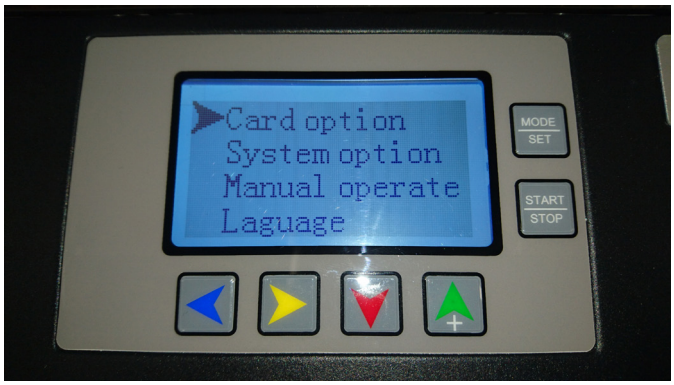
Turn on power supply.The cutter will initialize and go in to standby mode-the LCD display will show the default mode selection-be sure to change your mode and paper size settings to your desired card cutting options.



When the machine is turned on it will go into the last mode used.

With the cutter turned on and in standby press the MODE SET button. This will change your cutting Mode number (0-9). The cutting mode is the preset COLUMN width size in mm and is defined by the cassette delivered with the cutter and ROW length - this figure is variable and dependant on the card size you would like to cut.
Press this button to understand how the modes change and watch the card sizes change - this does not change your sheet / paper size. The modes are explained in Section 2-4.

After pressing through the modes now press the MODE SET for 3 seconds. This will take you into the setup menu as shown below:



DO NOT make any changes here yet - this will be explained later in the chapter.

When in this menu these are the options available:

2-2-2 *Card option*

Allows you to make changes to the card preset mode (A3, A3+, SRA3) you have selected:

- First cutting compensation
- Mark position compensation
- Card length compensation
- Groove width compensation

Note: If you are in CUSTOM mode you will also see these options:

- Card width
- Card length
- Card rows
- Card columns
- First cutting length
- Mark position length
- Groove width
- First cutting compensation
- Mark position compensation
- Card length compensation
- Groove width compensation

Note: This is an individual card changes only. The Card Option menu DOES NOT make a universal change to all set ups.

2-2-3.*System option* - *See Section 2-5-5*

Allows you to make changes to the universal set up of the cutter. This will make adjustment to all the set ups universally and these include:

- System speed - from 1 to 9 but we advise you do not set this to more than 8 as it can have a detrimental affect on your settings. The default setting is 6.
- System accuracy compensation
- Five column blade (longitudinal) width - for 5 card cassette
- Three column blade (longitudinal) width - for 3 card cassette
- First cutting compensation
- Mark position compensation
- Groove width compensation
- Last card compensation
- Penultimate card compensation
- Third from last card compensation
- Subtotal clear
- Restore factory settings
- Firmware version

2-2-4 *Manual operate*

This allows you to manually operate the machine- use the arrows to move the paper forwards, backwards and up and down. You can use this mode when you have a paper jam.

2-2-5 *Language*

This allows you to select either English or Chinese.

To navigate through the 4 options shown above use the and arrows. Once you have selected the menu the you would like make changes in press the

and this will take you to

the sub menus associated with the main menus (card option, System option, Manual operate, Language). To come out of the sub menus and back to this main window press the

button again and then press the

for 3 seconds to return you to standby mode.

2-2-6.*Test your cutting mode with a sheet of paper/card*

Now take some paper/card and place this in the feed tray.

Note: You can place up to 5 mm stack height in the feed tray (approximatel 20 sheets of 250gsm Mondi ColorCopy paper)

Press the button until you see

on the LCD panel.

Once in position press the

button. This will cut a sheet using the mode you have selected on the LCD panel.

We will continue to look at the LCD screen description.

To change your sheet / paper size press the arrow. This will take you through the sheet size options available to you.

- A3 (297mm x 420mm)
- A3+ (320x480mm)
- SRA3 (320 x 450mm)
- A4 (only available in selected territories - do not use)
- CUSTOM (set for American paper sizes if purchased in America only)

Now press the button and this will now provide you with your Datum selection - explained in section 2-3.

2-2-7.*Number of cards to be cut*

Take a look at your initial Mode selection and this will tell you how many cards are to be cut from the sheet size and mode you have selected.

By pressing the and button you can set the amount of cards to be cut.

Note: The Mode you have showing will determine how many cards will be cut from a sheet of paper.

By continuing to press the button you will incrementally increase the number of cards to be cut, up to a maximum of 10 and then the system takes you to AUTO mode. To reduce the number of cards to be cut press the button.

EXAMPLE: If you have 3 sheets of 24 cards to cut press the twice and it will show 72. This is the amount of cards to be cut from 3 sheets of paper. Place 3 sheets in the feed tray and press the

button. The cutter will cut the 3 sheets and stop after this action.

AUTO-If you leave the machine in AUTO it will continue to cut sheets until there are no more sheets in the tray to feed.The cutter will try to take sheetes for another 2seconds and then stop.

2-3 Datum selection

There are two ways of cutting sheets; using the EDGE of the sheet of paper as your initial guide point or using a printed ‘MARK’ that the internal mark sensor will read to position its cuts.

Note: The ‘MARK’ option is particularly useful when printing with a digital printing press or copier because it allows for any sheet printing adjustments.

On the control panel the ‘Datum Selection’ can be selected by pressing the button to choose which option you would like to use.

Edge: cutting from the front of the sheet as a benchmark

Mark: using a printed ‘MARK’ to position the cuts on sheet

The machine has preset cutting parameters and will always default to EDGE unless you are using the CUSTOM mode and some of the CUSTOM modes have ‘MARK’ detection set as a default - see section 2-4 Cutting modes.

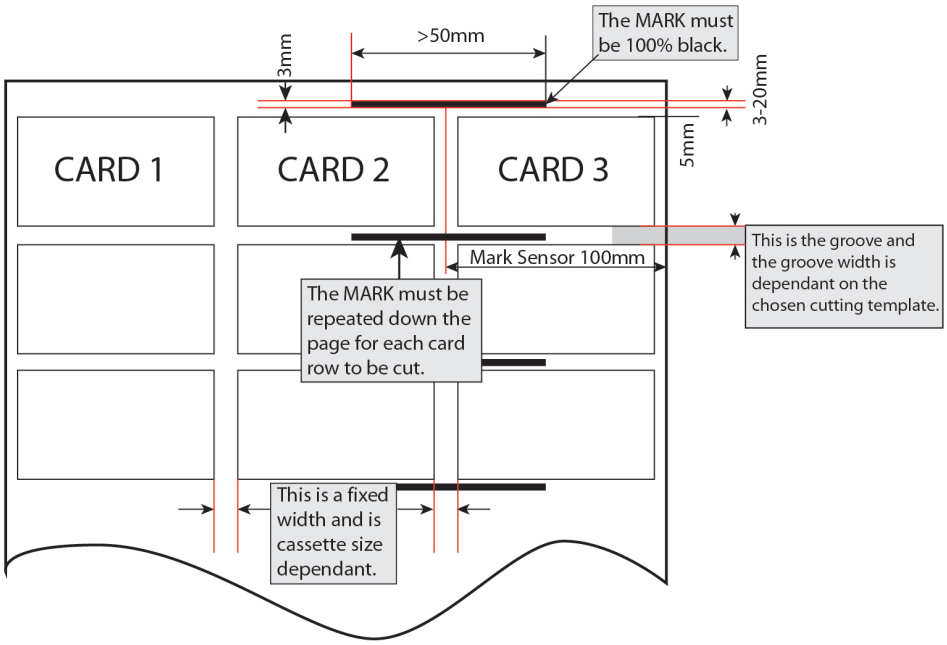
Please be sure to note what Datum option you are using before you press the

button to cut your sheets.

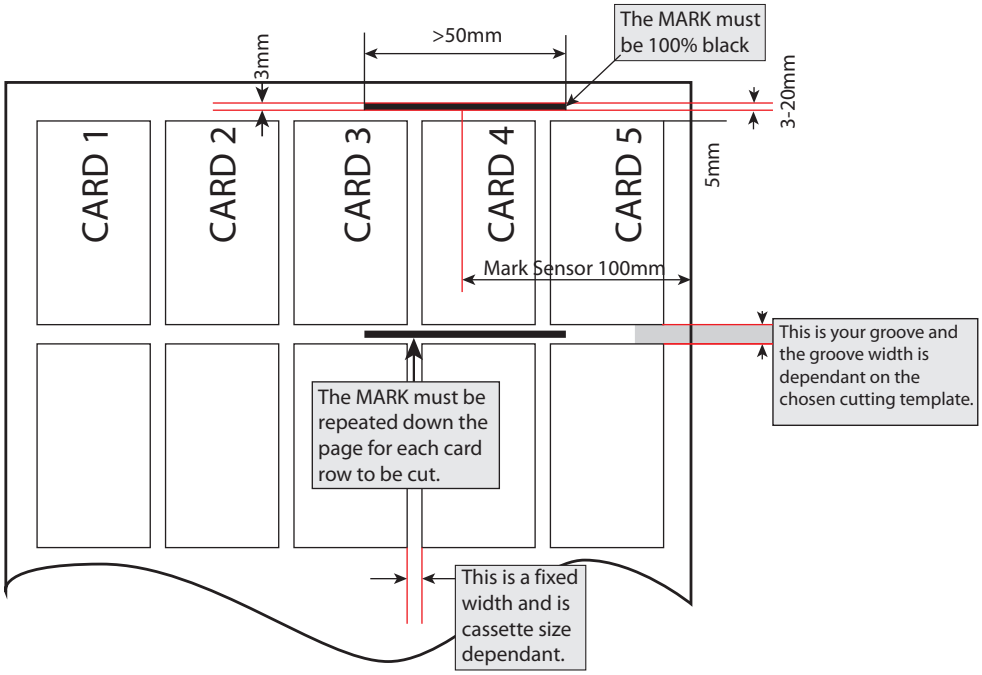
Note: As you scroll through the modes you will need to ensure that you check which datum option is selected for a particular preset.

2-3-1 'MARK' printing set up

This is the template set up if you are using A3 paper and have a 3 column cassette:



This is the template set up if you have A3 paper and a 5 column cassette:



The 'MARK' on the templates provided are designed to work with the set ups as described in the manual and those available for download from the VICUT website.

If you are creating your own templates be sure to note where the 'MARK' falls in relation to the sensor arrow mark on the feed table and in relation to how you have the paper feed guides set.

2-4 Cutting modes

2-4-1 Selection of rotary knife cassette (longitudinal knife)
85mm cassette - 3 column cutting widths 85mm - delivered as standard for EMEA countries
89mm cassette - 3 column cutting width 89mm - delivered as standard for the Americas
90mm cassette - 3 column cutting width 90mm - special order
95mm cassette - 3 column cutting width 95mm - special order
55mm cassette - 5 column cutting width 55mm - only available in selected territories
54mm cassette - 5 column cutting width 54mm - only available in selected territories
Indentation cassette -special order
Perforation cassette -special order

If you require anything different from the standard cassette provided with the machine, please specify this at time of order.

2-4-2 Cutting modes - paper sizes
(1) Paper size: A3+ (320×480mm)
Mode 0: 89x45mm; select 89mm cassette - 3 columns and 9 rows - total 27 cards
Mode 1: 89x50mm; select 89mm cassette - 3 columns and 8 rows - total 24 cards
Mode 2: 89x54mm; select 89mm cassette - 3 columns and 8 rows - total 24 cards
Mode 3: 89x90mm; select 89mm cassette - 3 columns and 5 rows - total 15 cards
Mode 4: 55x85mm; select 55mm cassette - 5 columns and 5 rows - total 25 cards
Mode 5: 55x89mm; select 55mm cassette - 5 columns and 5 rows - total 25 cards
Mode 6: 55x90mm; select 55mm cassette - 5 columns and 5 rows - total 25 cards

Note: These are default presets out of the box. If you have a different cassette size you can change these presets to suit the cassette size you are using. Please see section 2.5 to do this

(2) Paper size: SRA3 (320×450mm)
Mode 0: 89x45mm; select 89mm cassette - 3 columns and 8 rows total - 24 cards
Mode 1: 89x50mm; select 89mm cassette - 3 columns and 7 rows - total 21 cards
Mode 2: 89x54mm; select 89mm cassette - 3 columns and 7 rows - total 21 cards
Mode 3: 89x90mm; select 89mm cassette - 3 columns and 4 rows - total 12 cards
Mode 4: 89x95mm; select 89mm cassette - 3 columns and 4 rows - total 12 cards
Mode 5: 89x127mm; select 89mm cassette - 3 columns and 3 rows - total 9 cards

Note: These are default presets out of the box. If you have a different cassette size you can change these presets to suit the cassette size you are using. Please see section 2.5 to do this.

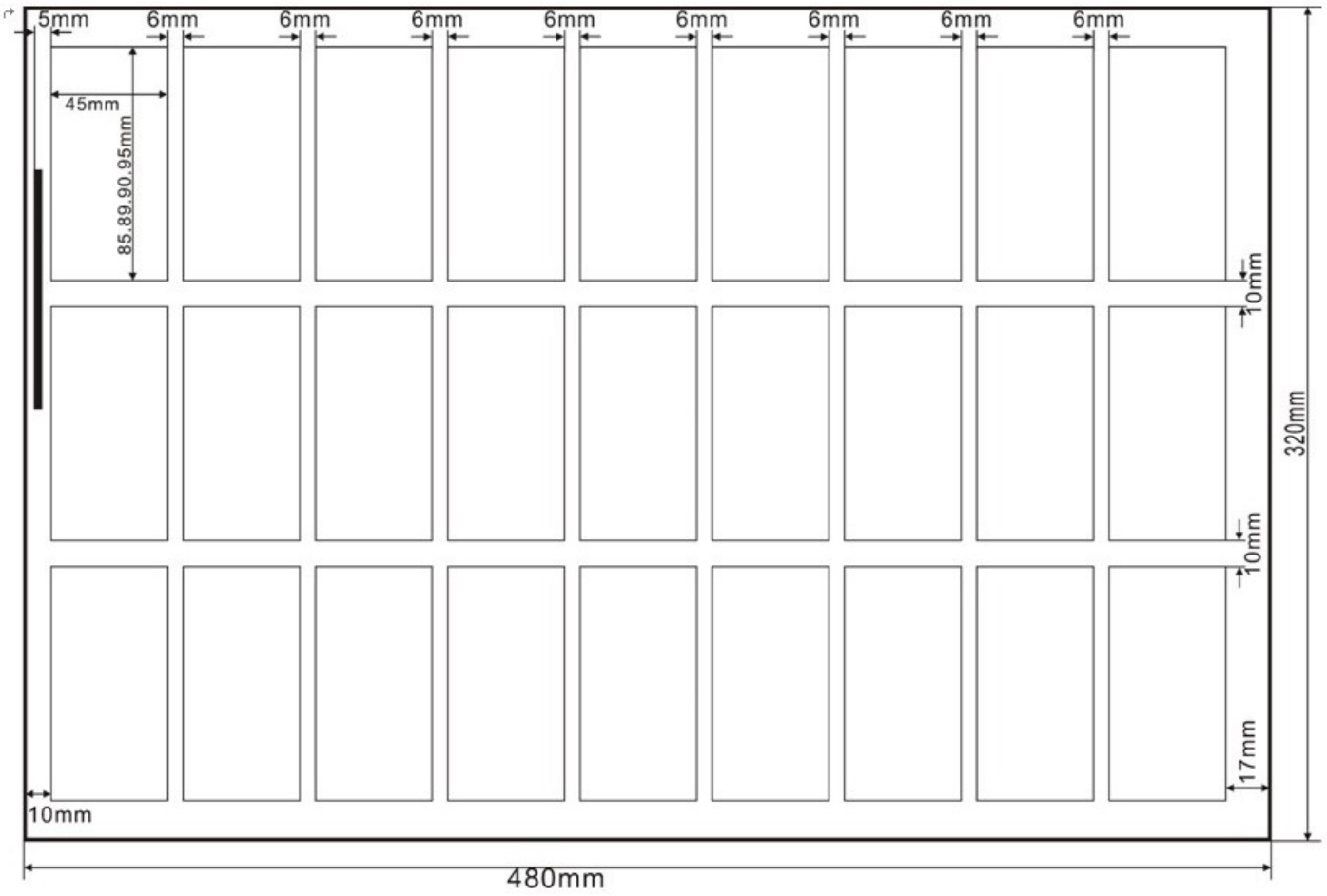
(3) Paper size: A3 (297×420mm)

Mode 0: 89x45mm; select 89mm cassette - 3 columns 8 rows total 24pcs cards
Mode 1: 89x50mm; select 89mm cassette - 3 columns 7 rows total 21pcs cards
Mode 2: 89x54mm; select 89mm cassette - 3 columns 7 rows total 21pcs cards
Mode 3: 89x90mm; select 89mm cassette - 3 columns 4 rows total 12pcs cards
Mode 4: 89x95mm; select 89mm cassette - 3 columns 4 rows total 12pcs cards
Mode 5: 89x127mm; select 89mm cassette - 3 columns 3 rows total 9pcs cards
Note: These are default presets out of the box. If you have a different cassette size you can change these presets to suit the cassette size you are using. Please see section 2.5 to do this.

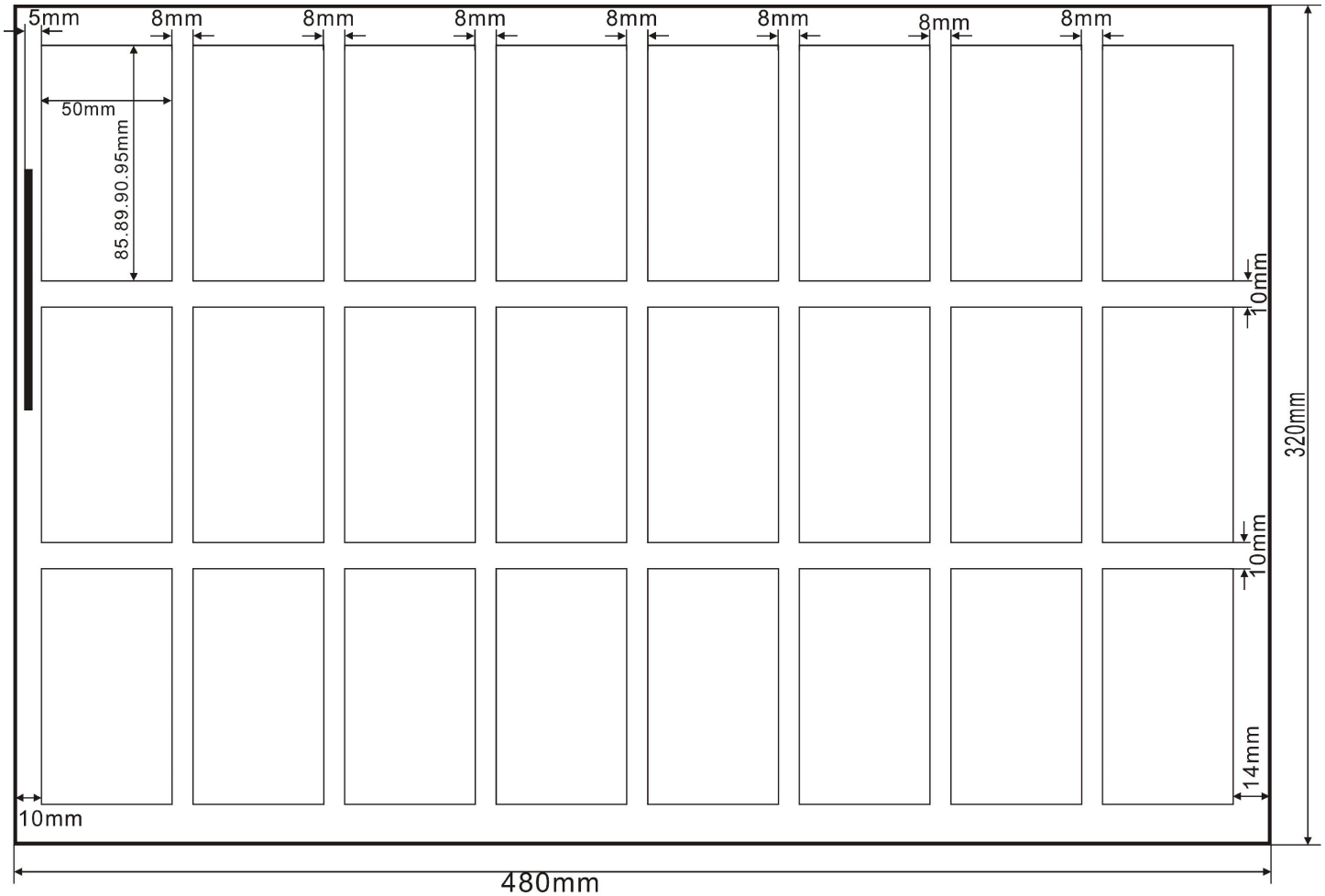
(4) Paper size: CUSTOM - use for American paper sizes 12"x17" and 12"x18"
Mode 0: CUSTOM (EDGE detection set as default)
Note for USA users: Preset - 12"x17" for 3.5" x 2" cards and no groove, so only to be used with non-bleed. See templates provided.
Mode 1: CUSTOM (EDGE detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 2" cards and can be used for non-bleed and cards with bleed. See templates provided.
Mode 2: CUSTOM (EDGE detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 5" cards and can be used for non-bleed and cards with bleed. See templates provided.
Mode 3: CUSTOM (EDGE detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 8" cards and can be used for non-bleed and cards with bleed. See templates provided.
Mode 4: CUSTOM (MARK detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 8.5" cards and can be used for non-bleed and cards with bleed. ALSO this preset on the unit defaults to MARK datum detection all the time, so you have to be change to EDGE before you cut. Press the yellow arrow to change the datum selection. See templates provided.
Mode 5: CUSTOM (MARK detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 2" cards and can be used for non-bleed and cards with bleed.
Mode 6: CUSTOM (MARK detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 5" cards and can be used for non-bleed and cards with bleed. See templates provided.
Mode 7: CUSTOM (MARK detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 8" cards and can be used for non-bleed and cards with bleed. See templates provided.
Mode 8: CUSTOM (MARK detection set as default)
Note for USA users: Preset - 12"x18" for 3.5" x 8.5" cards and can be used for non-bleed and cards with bleed. See templates provided.
Mode 9: CUSTOM (MARK detection set as default)
Note: There are no presets for this mode - please use this option for testing purposes.
Note: These are default presets out of the box. If you have a different cassette size you can change these presets to suit the cassette size you are using. Please see section 2.5 to do this.

2-4-3 Cutting templates

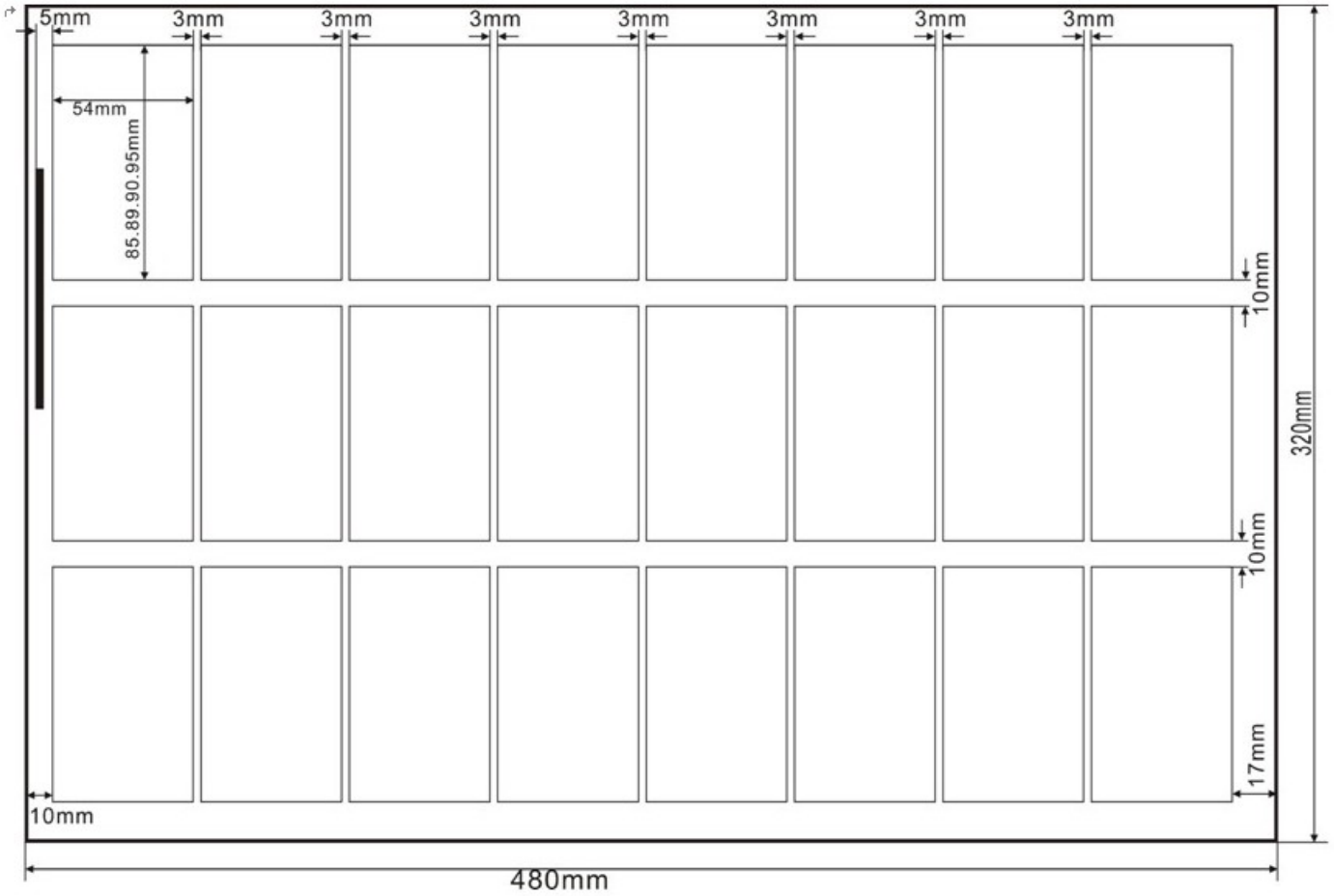
- A3+ MODE 0



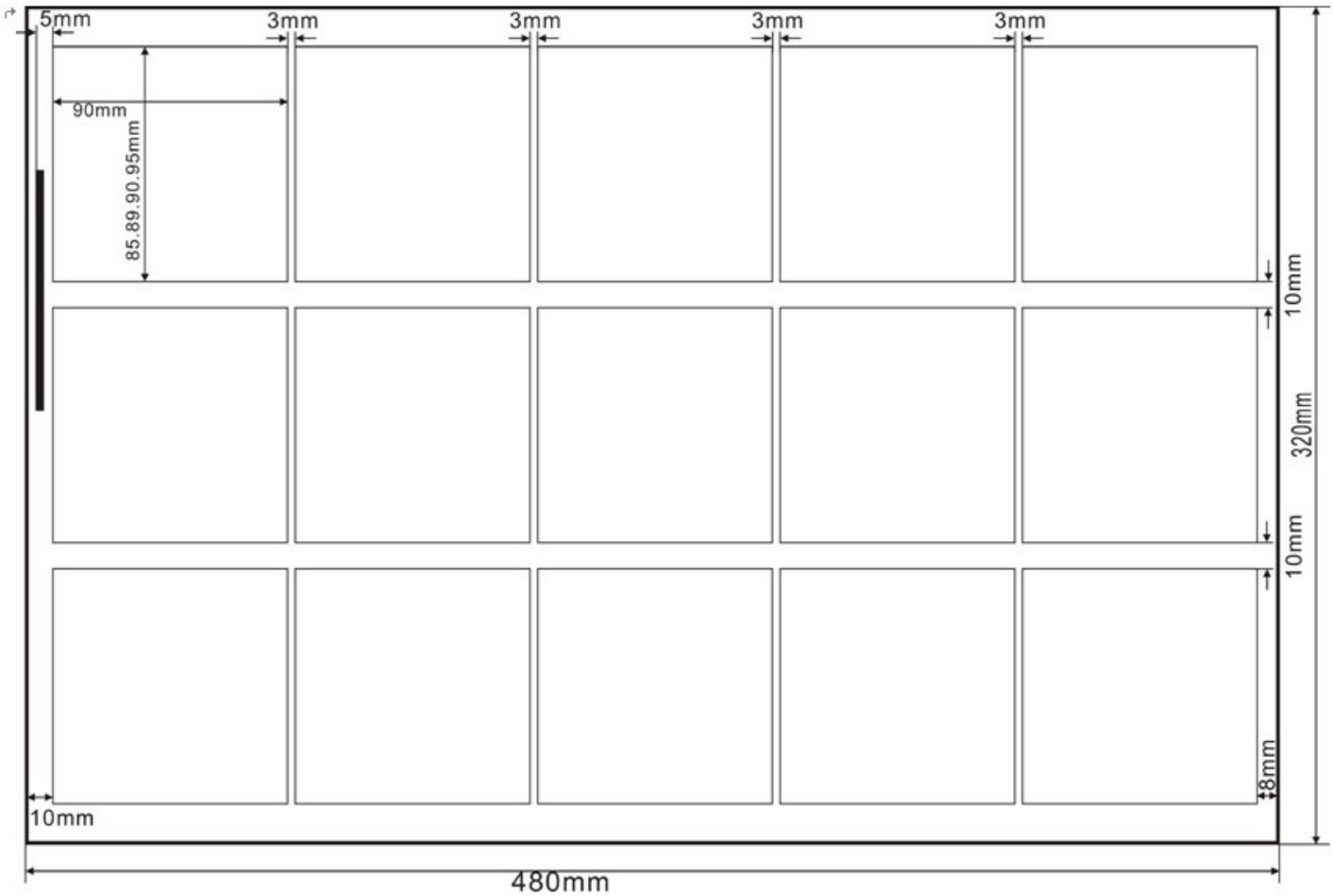
- A3+ MODE 1



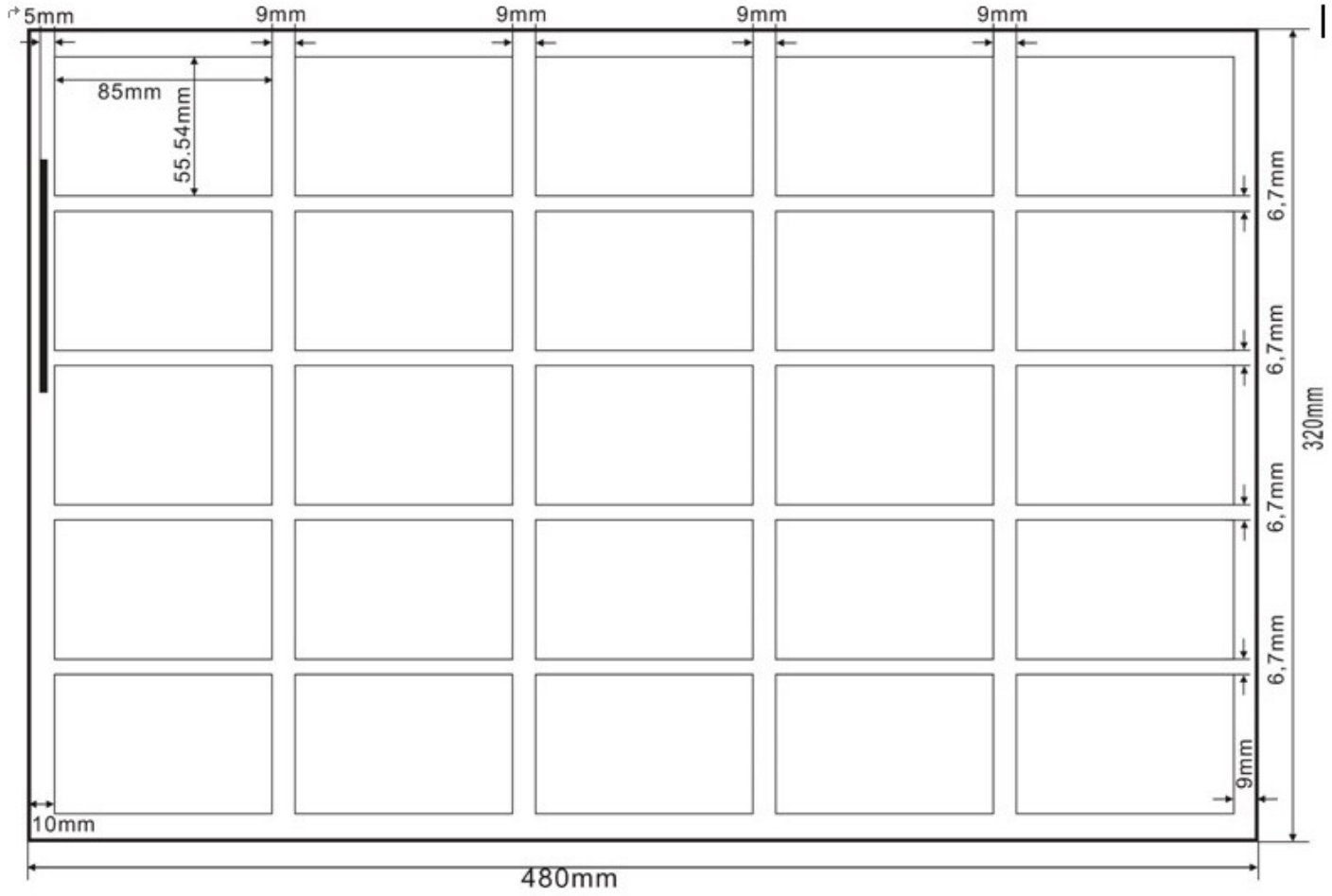
- A3+ MODE 2



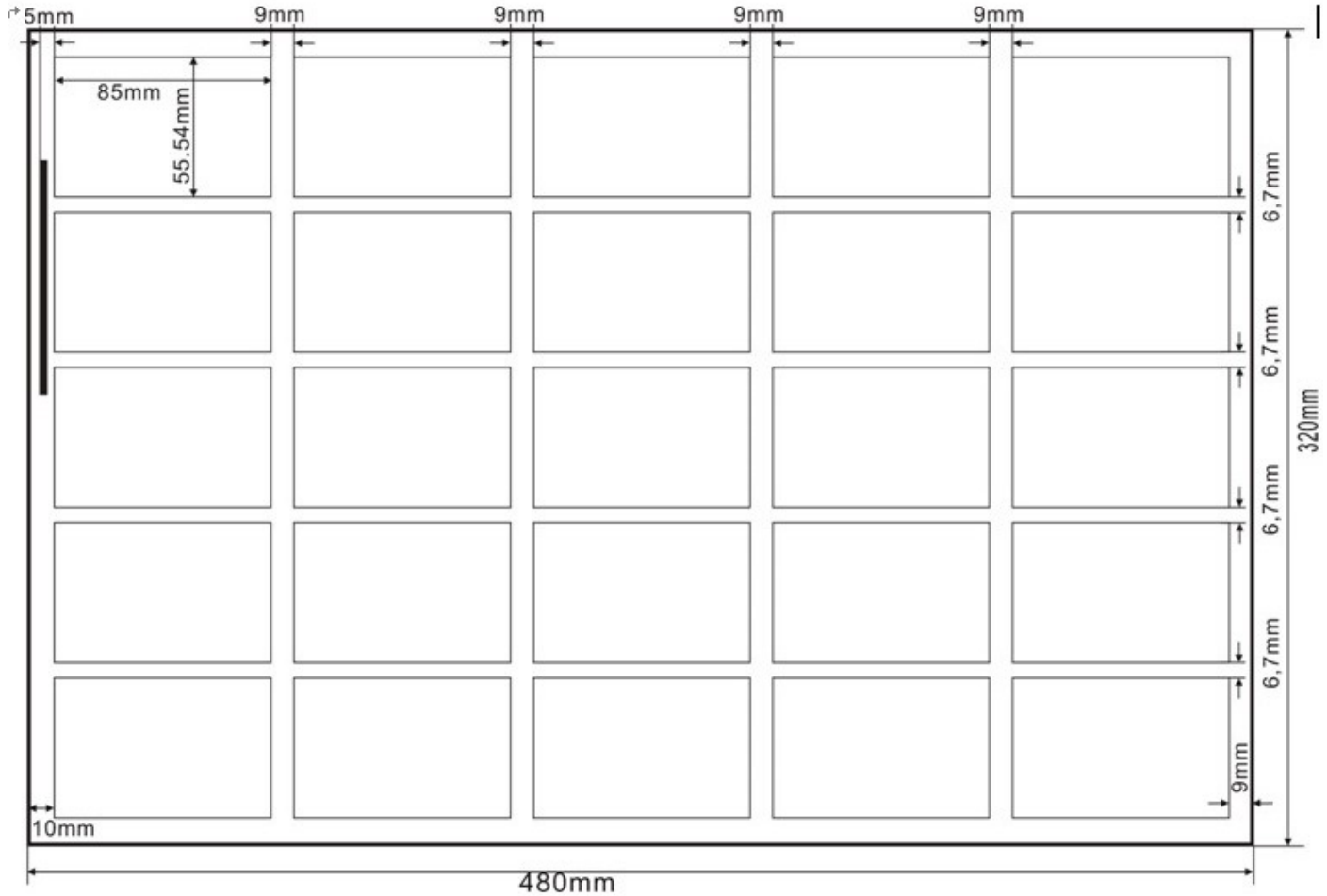
- A3+ MODE 3



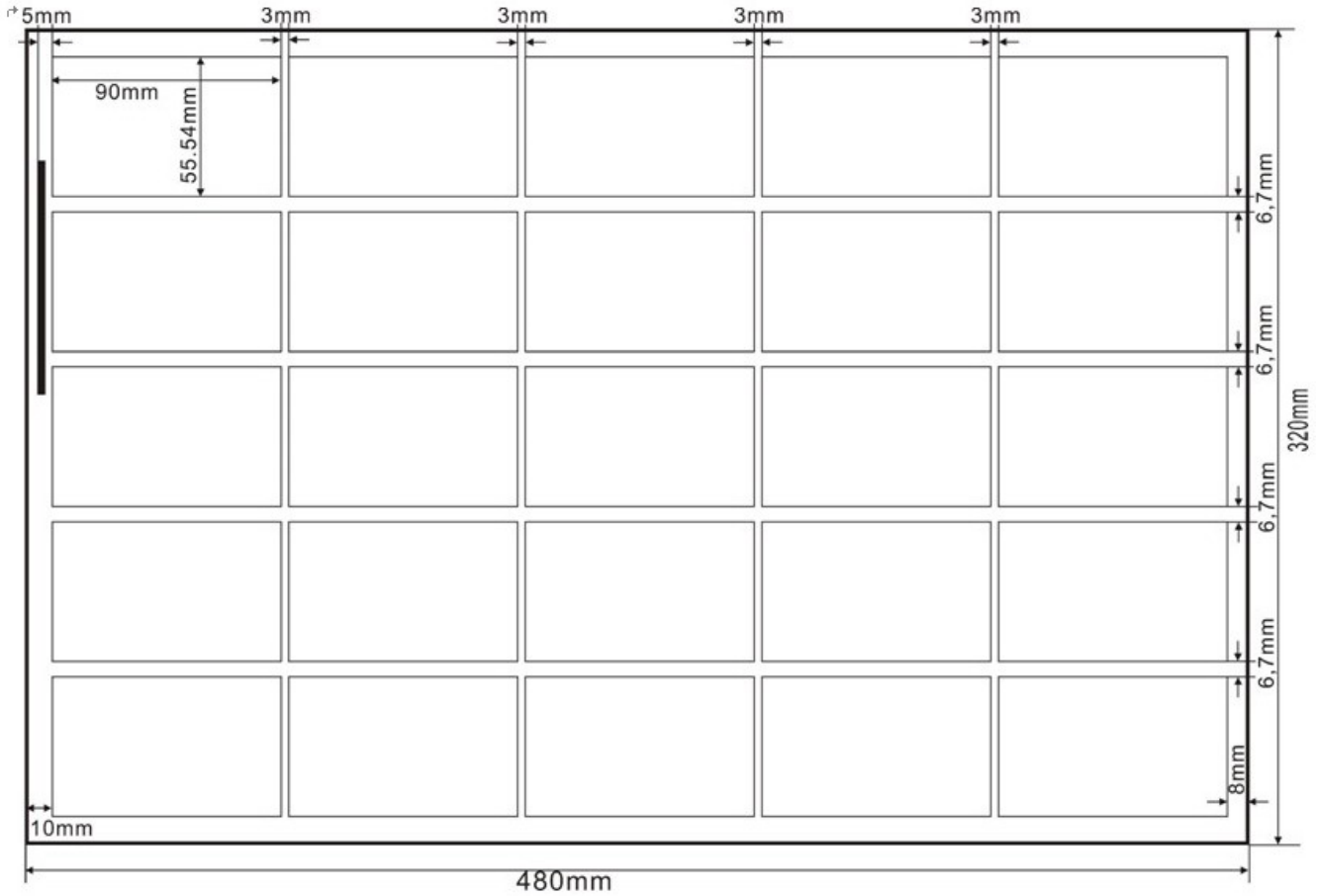
- A3+ MODE 4



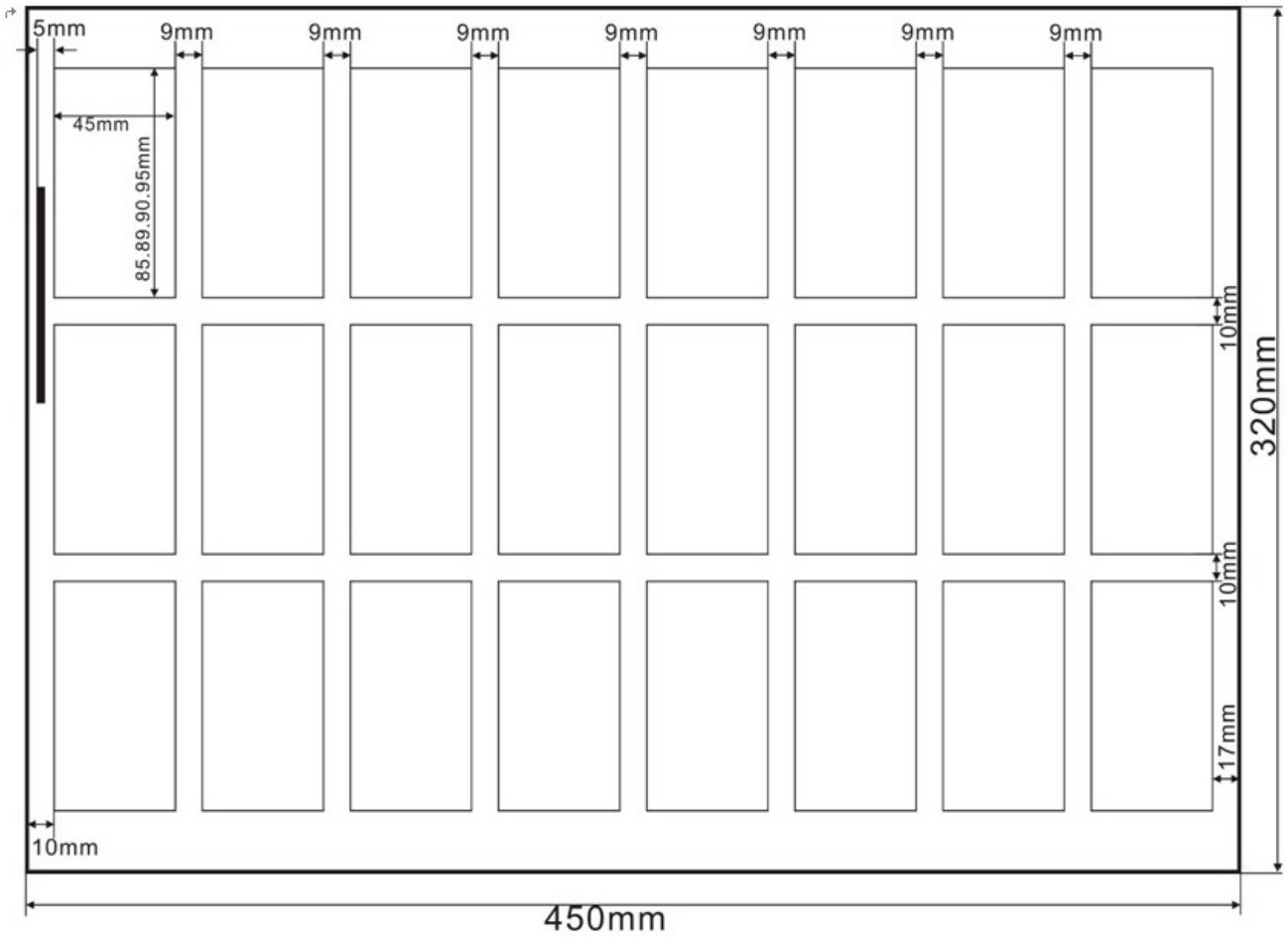
- A3+ MODE 5



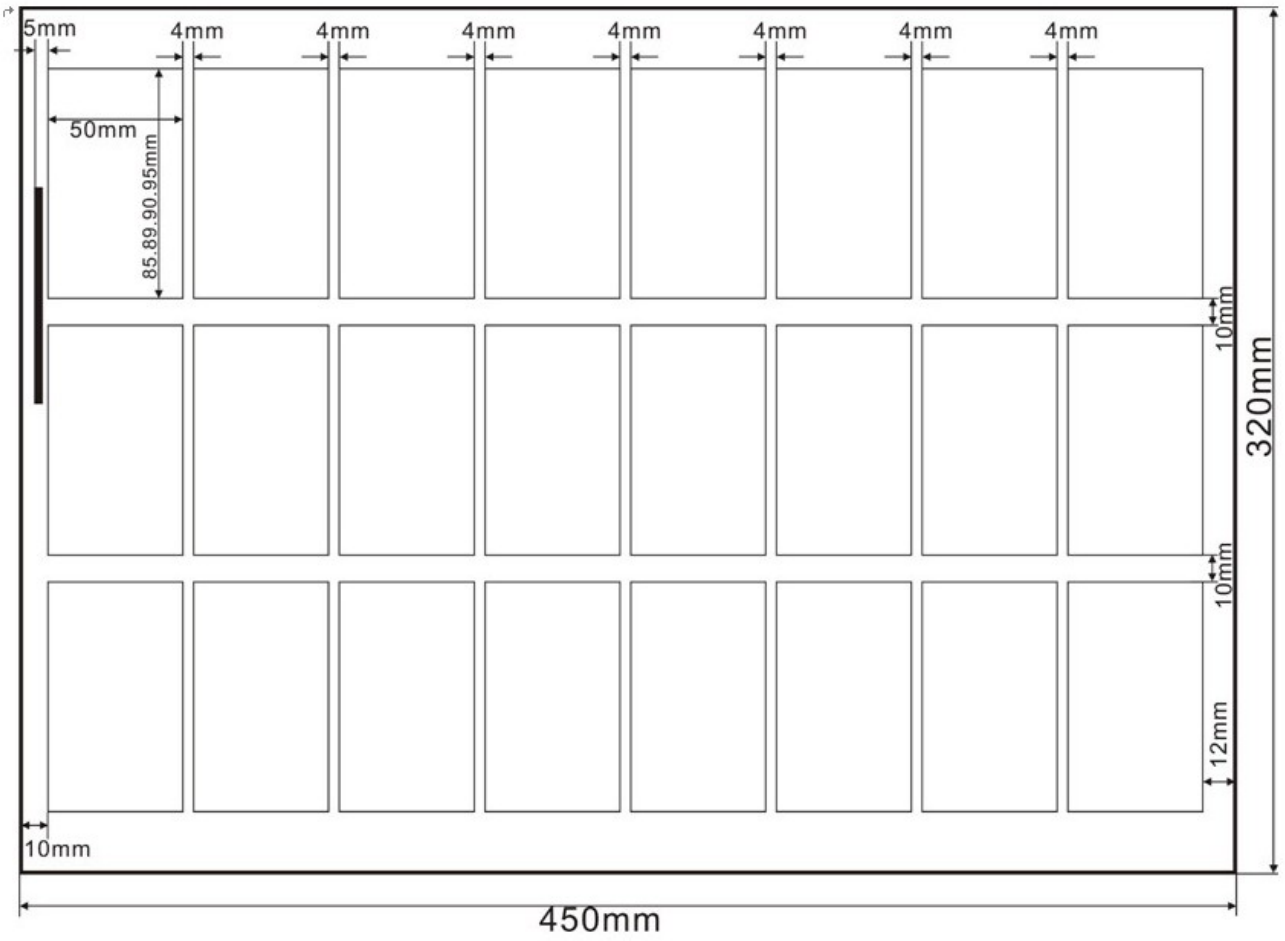
- A3+ MODE 6



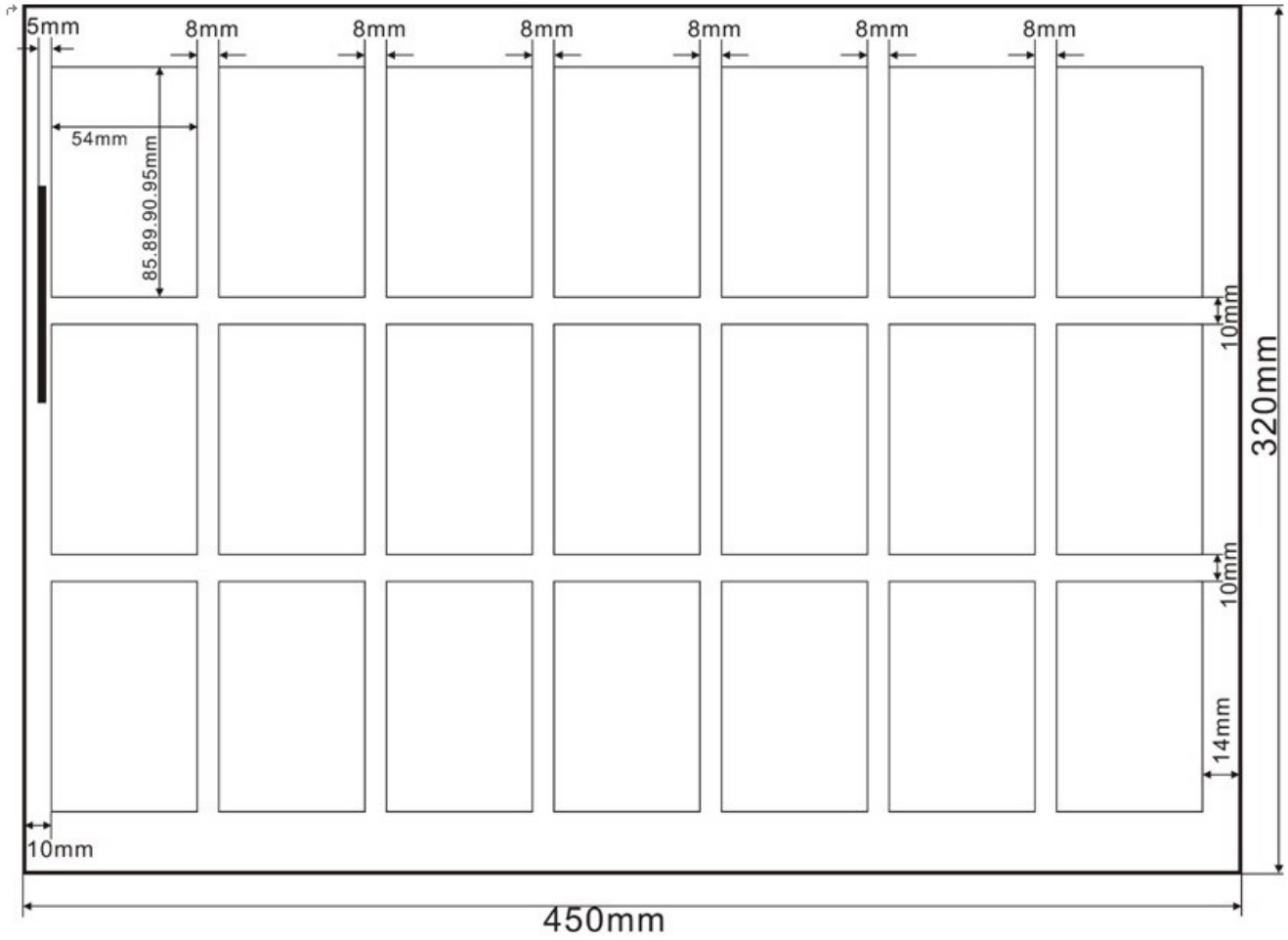
- SRA3 MODE 0



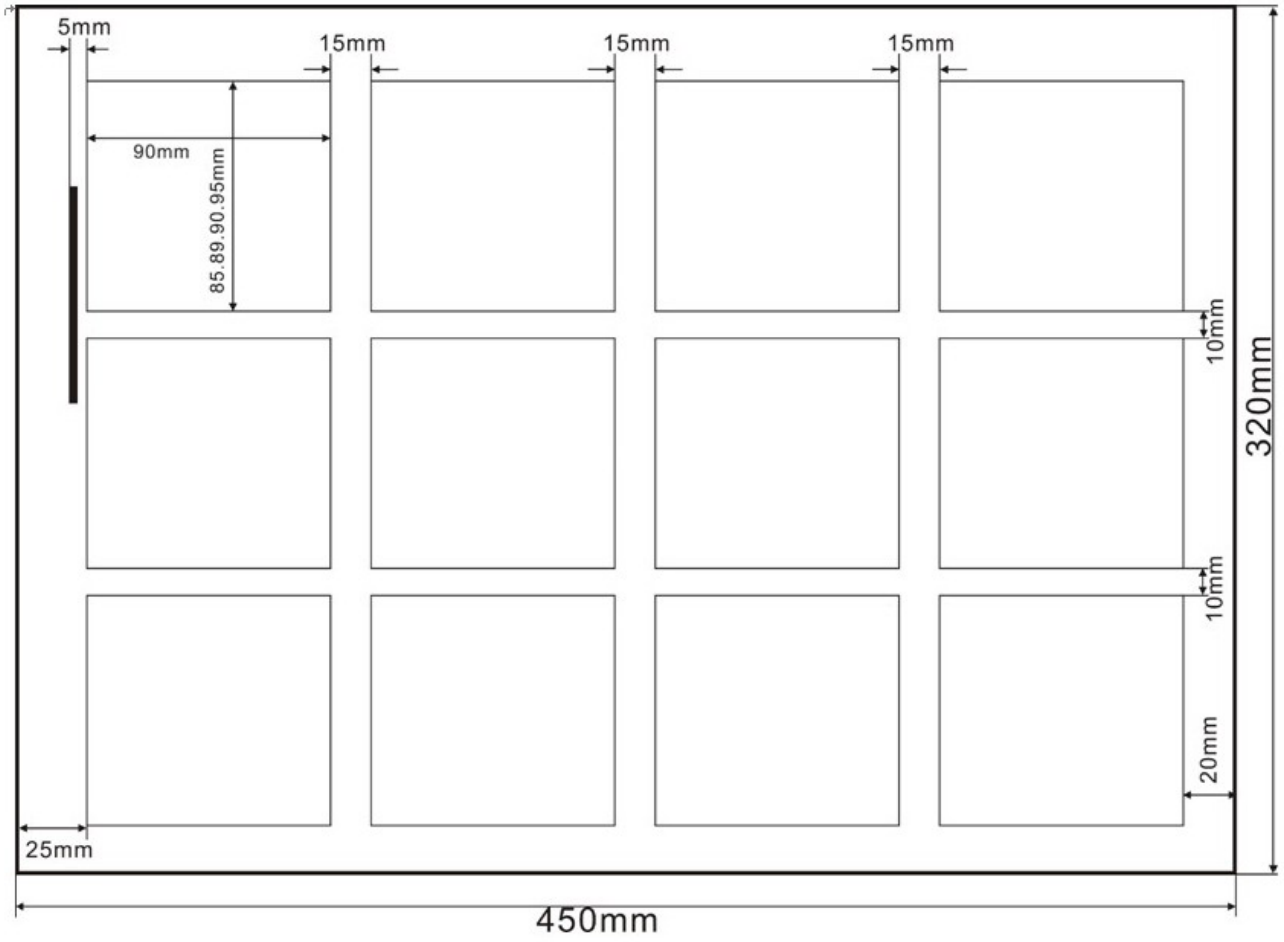
- SRA3 MODE 1



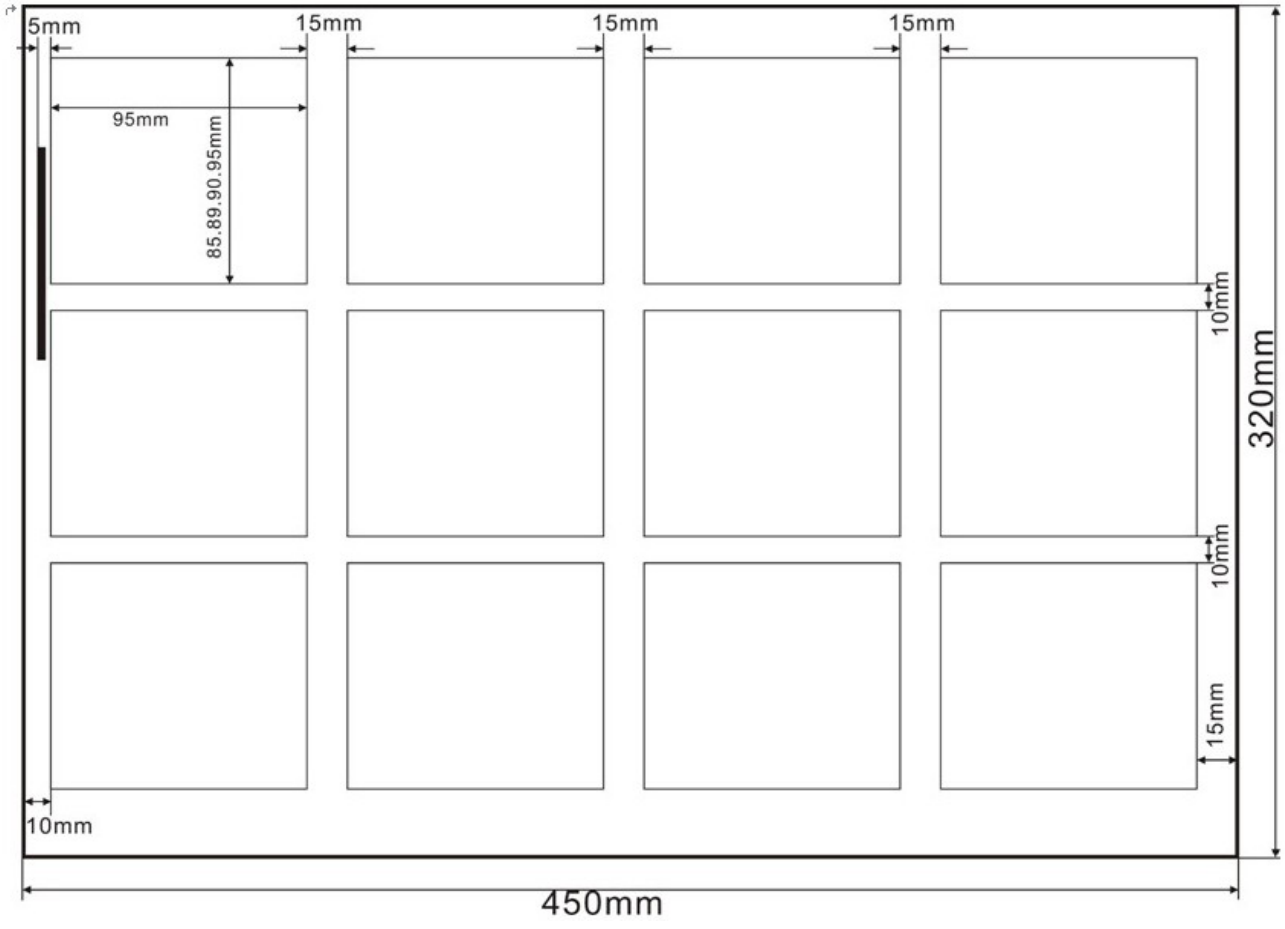
- SRA3 MODE 2



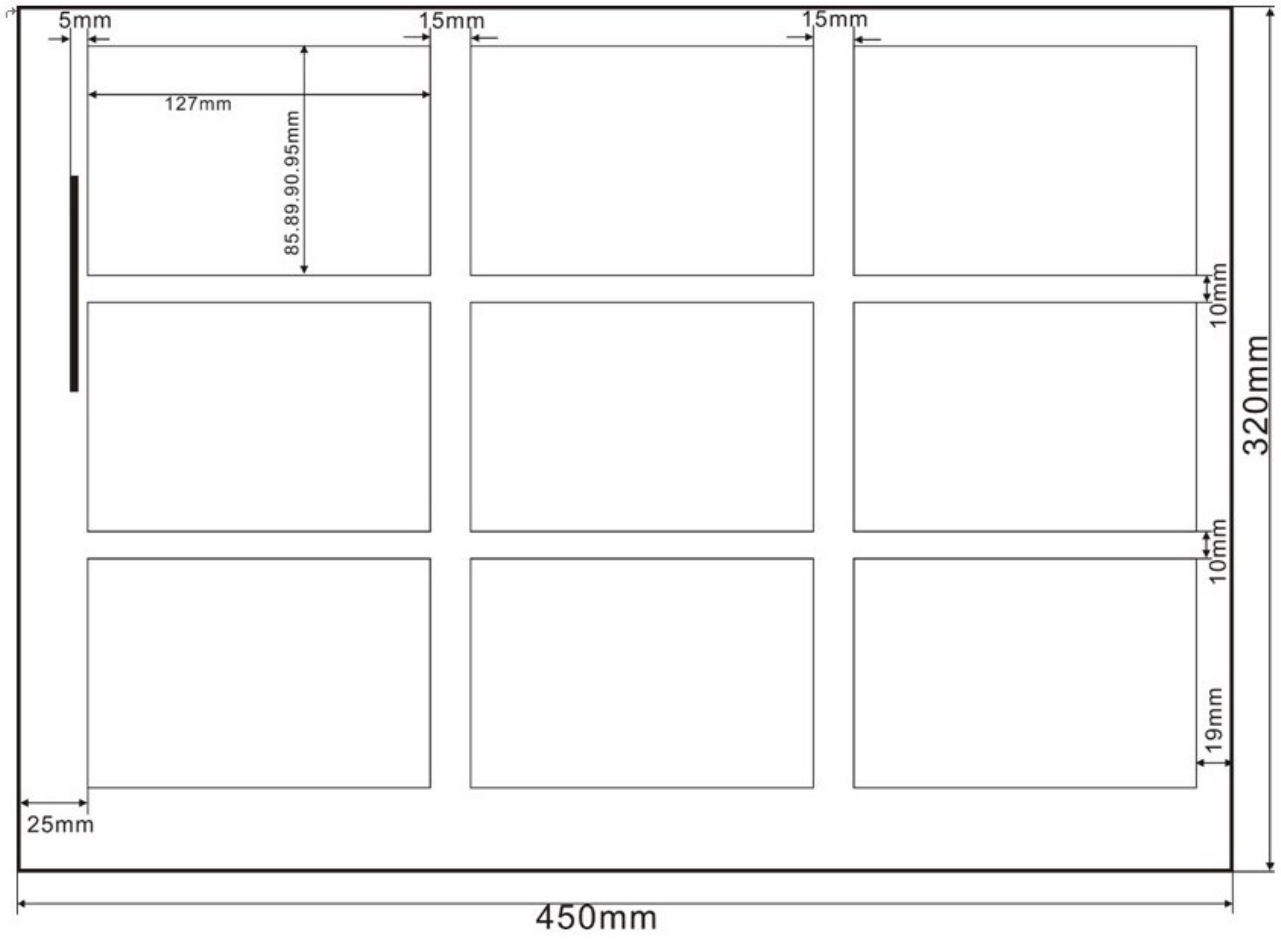
- SRA3 MODE 3



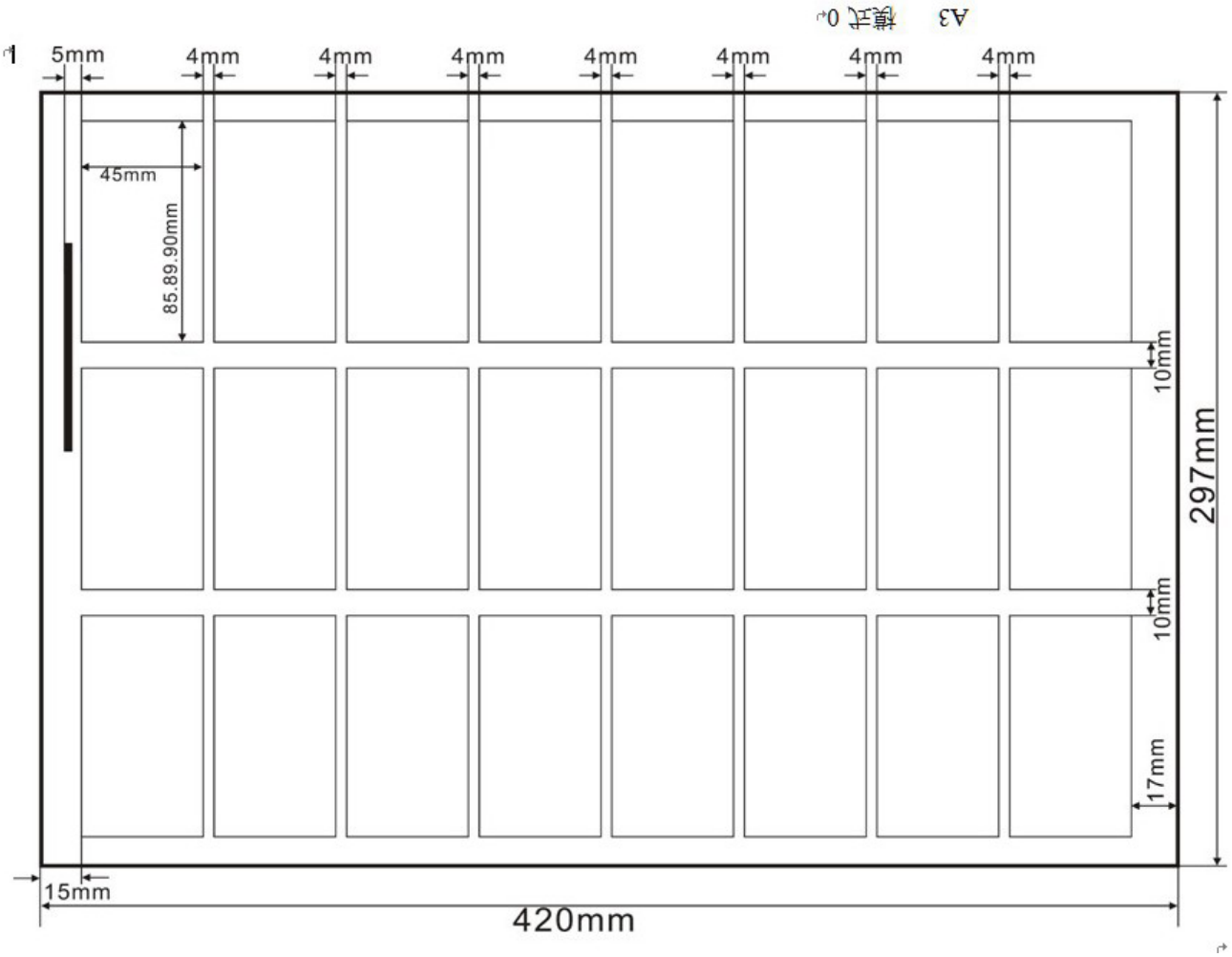
- SRA3 MODE 4



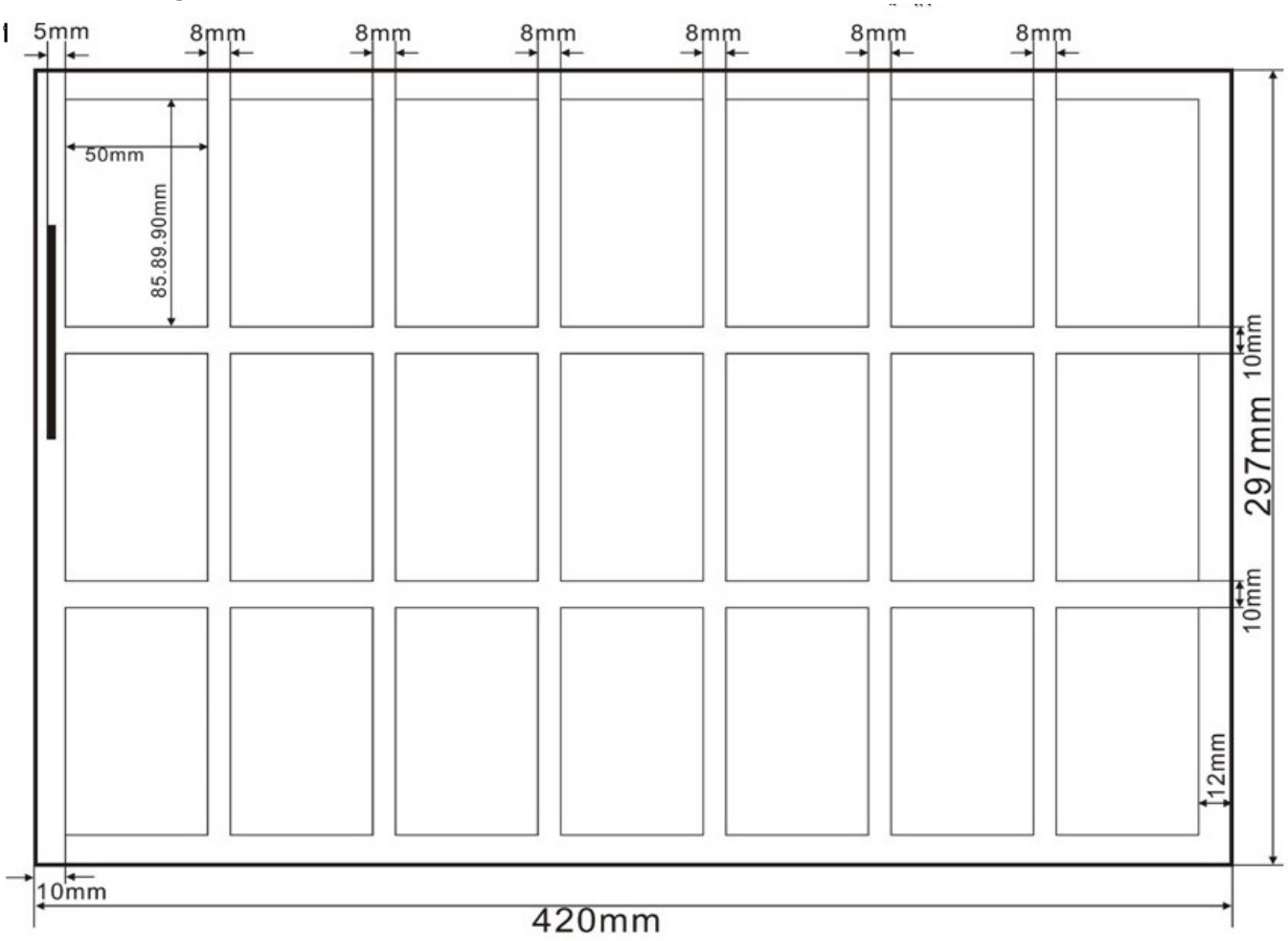
- SRA3 MODE 5



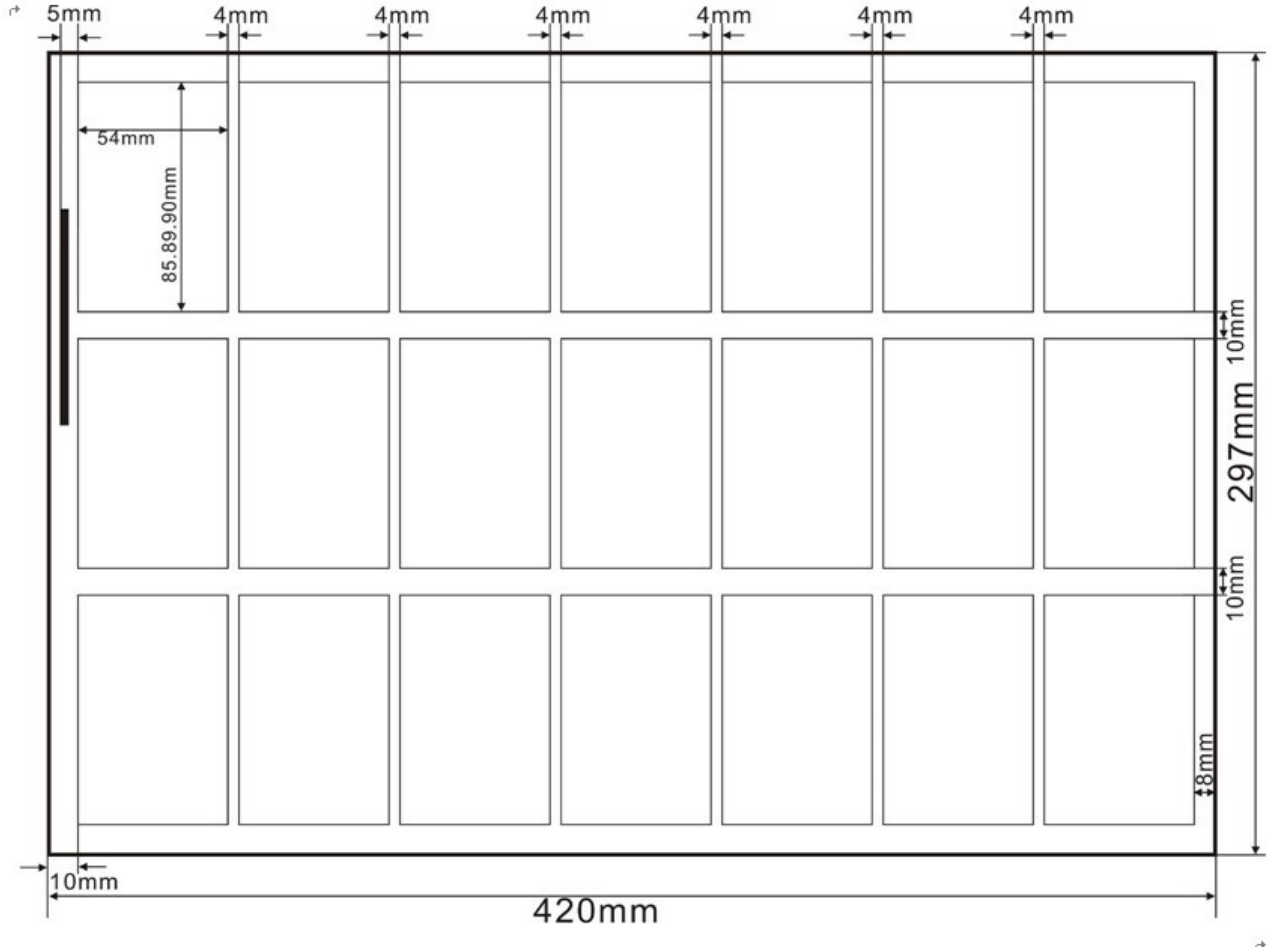
- A3 MODE 0



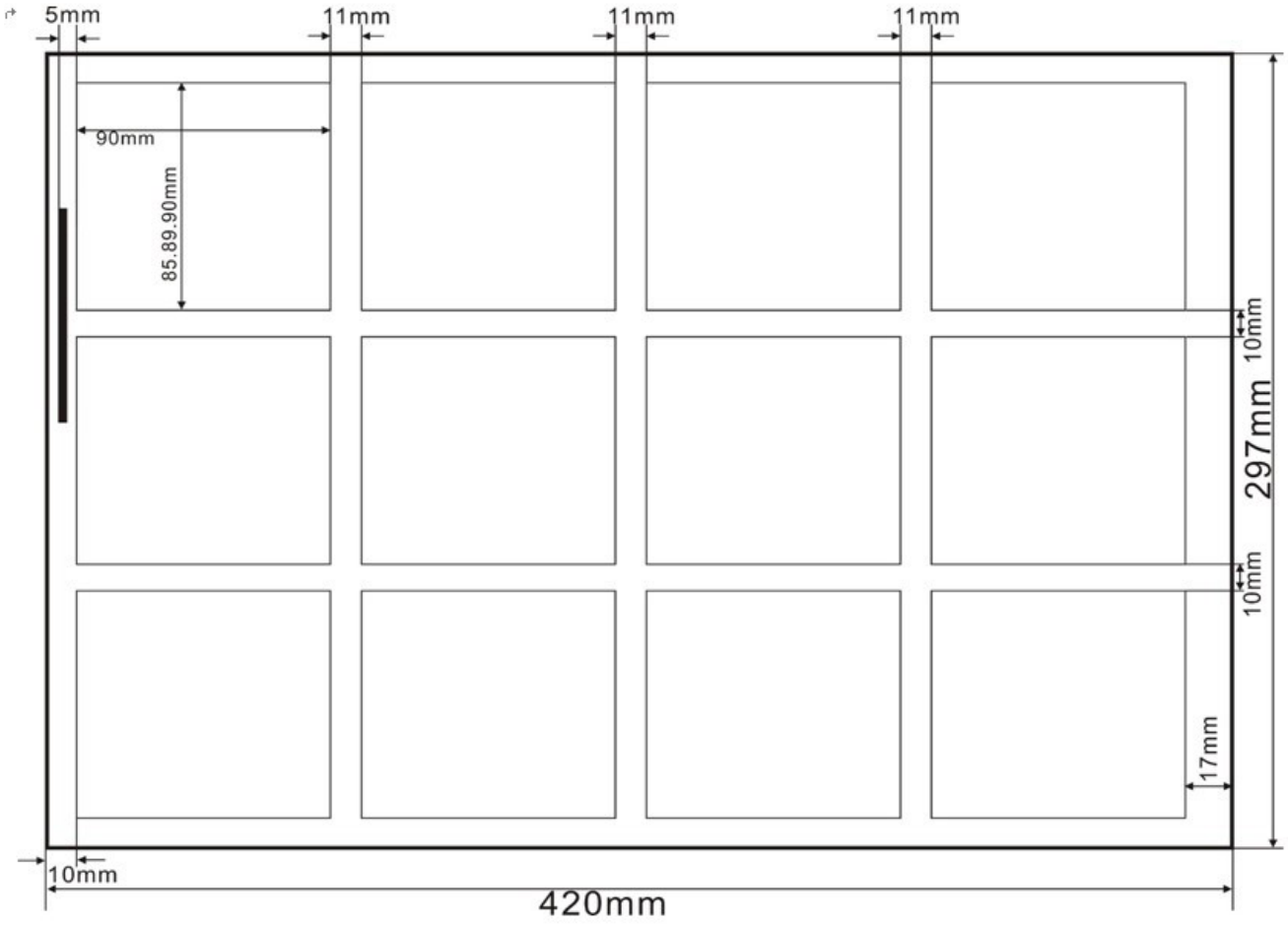
- A3 MODE 1



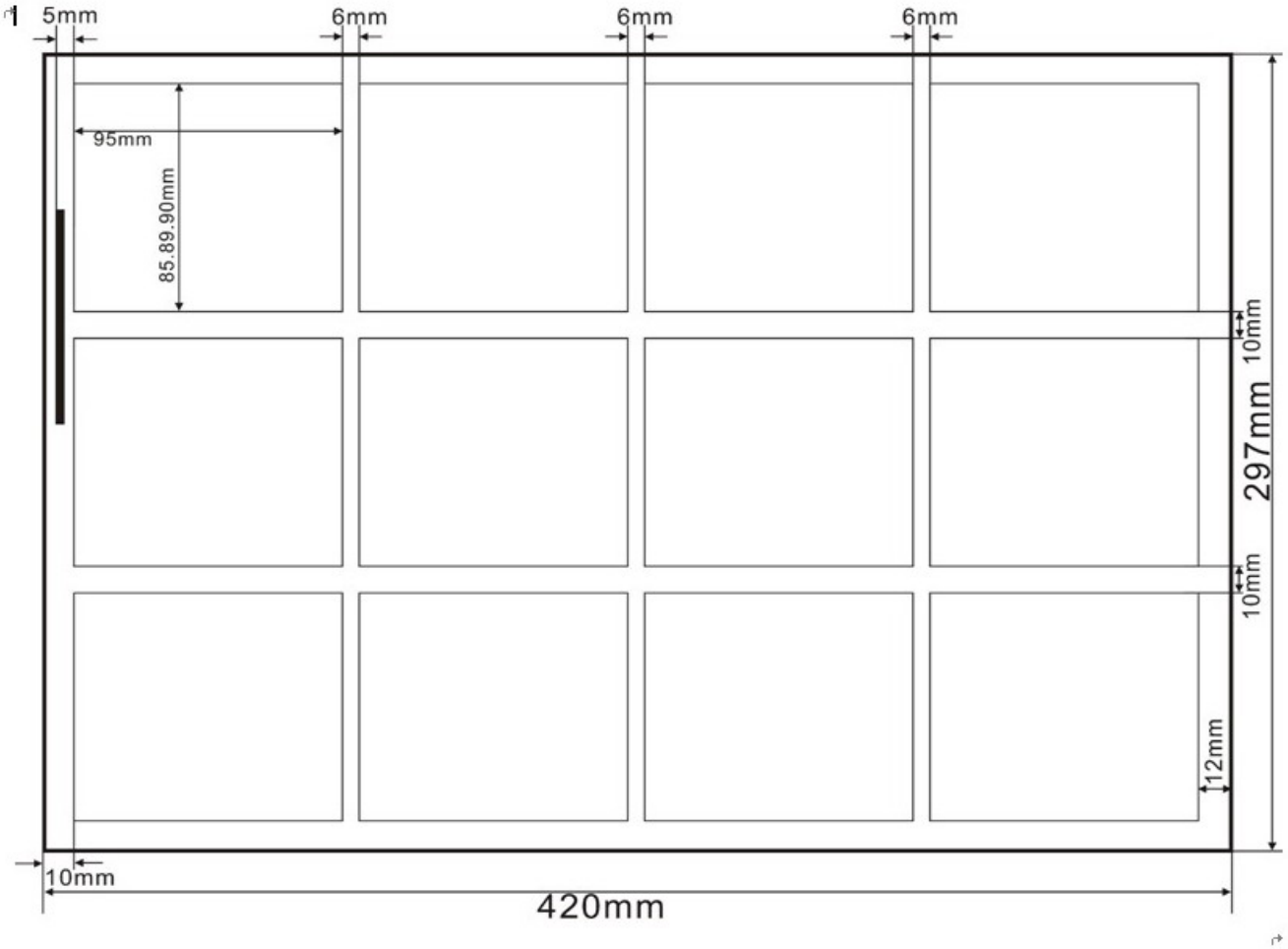
- A3 MODE 2



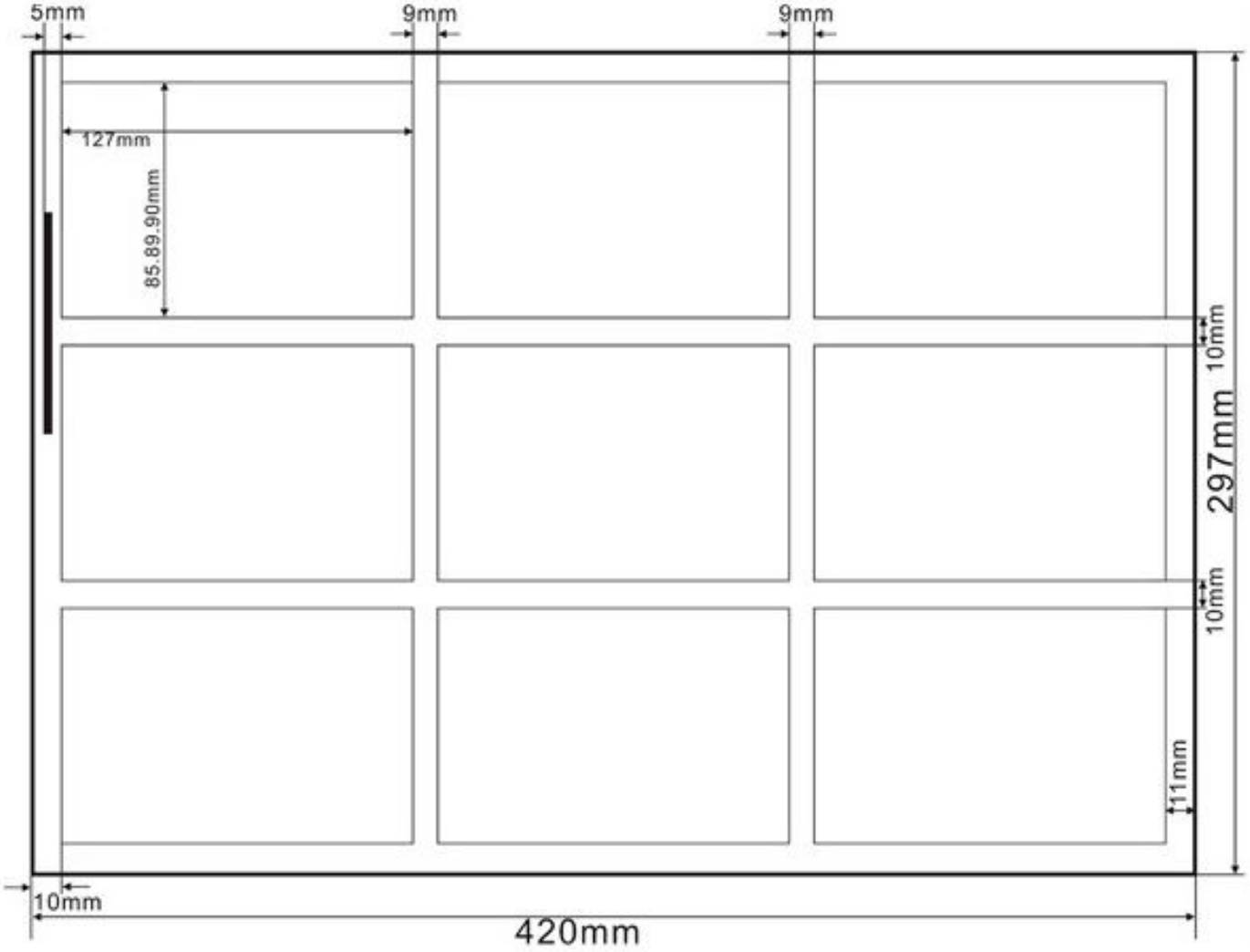
- A3 MODE 3

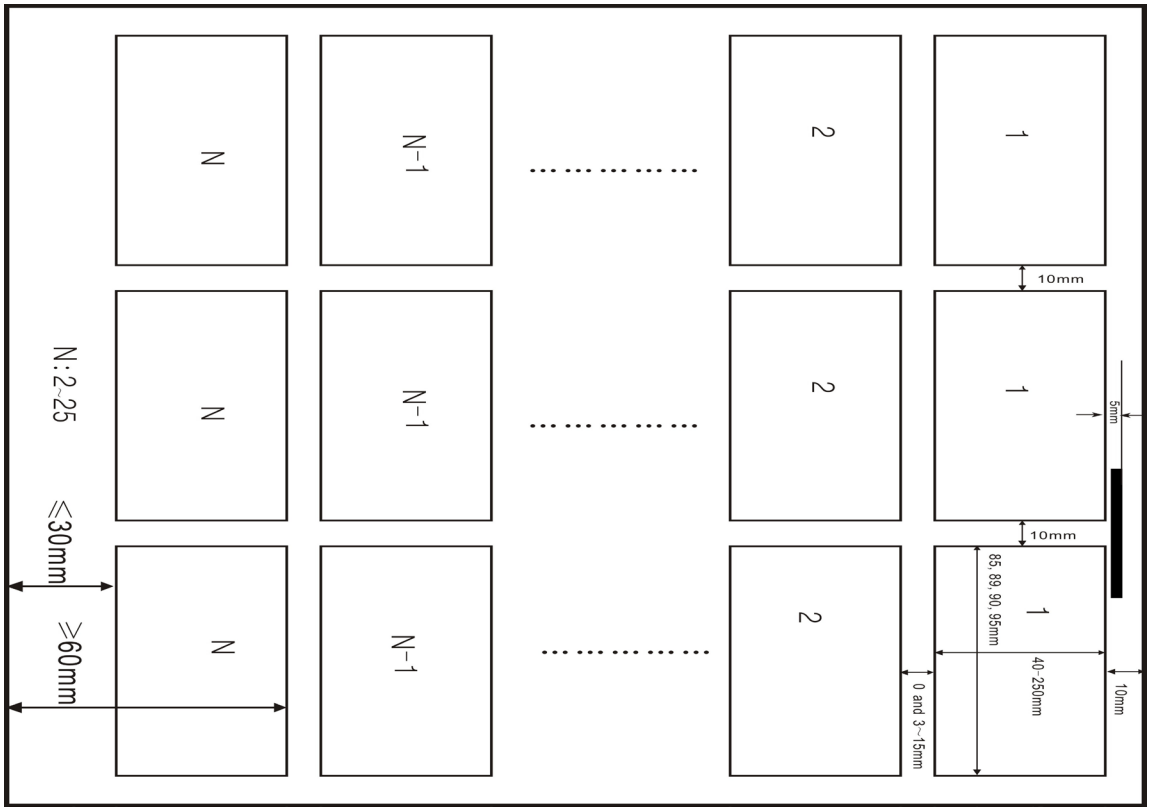


- A3 MODE 4

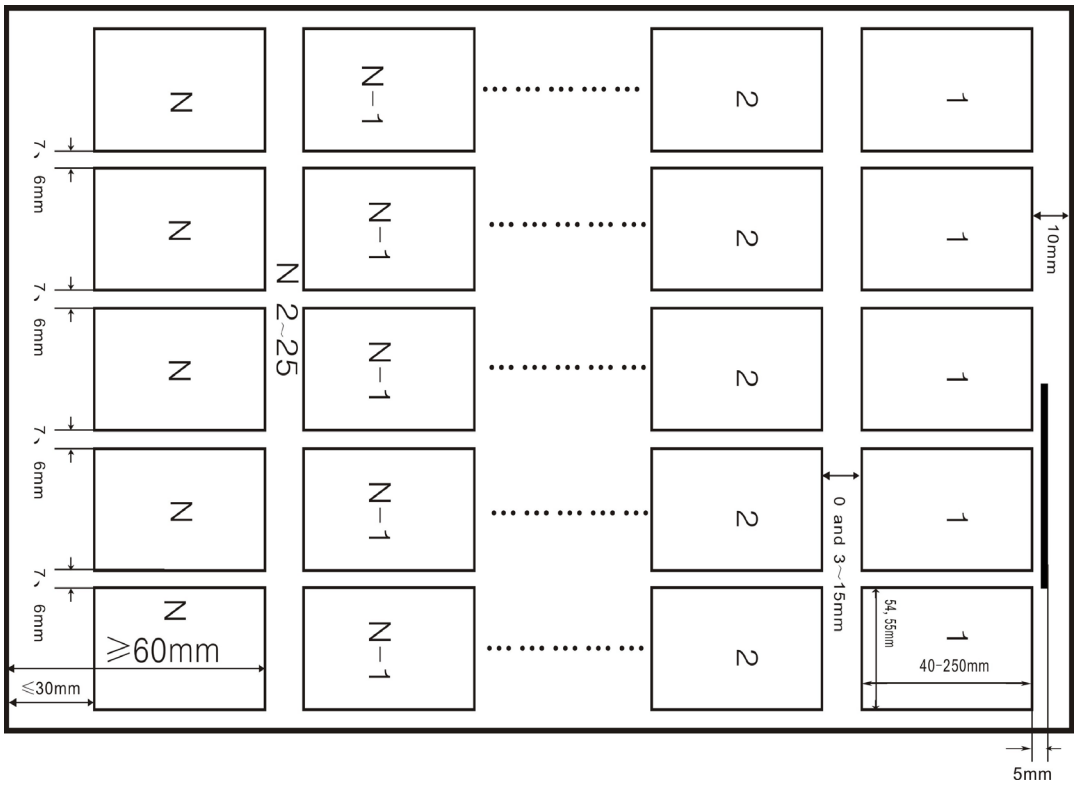


- A3 MODE 5





Custom mode,C-3 column cassette -XX rotary knife - paper width: 297--320mm



Custom mode, C-5-column cassette - XX rotary knife - paper width: 297--320mm

Before starting to use the CC-330 the following menus are available to you for adjustment of the machine.

These can be accessed by pressing down the MODE/SET

button for 3 seconds.

The next few pages will explain how these options allow you to adjust the machine settings.

2-4-4 Selecting the cutting mode

This option enables you to access the correct card cutting templates for the sheet / paper size you are cutting and the number of cards to be cut as detailed in section 2-4-2.

To change the preset card cutting options press the MODE/SET

button this will scroll you through the cutting options available for the selected paper/ sheet size you have chosen. To change sheet / paper size use the button. Scroll through until you reach your desired paper sizes and card preset. This will be displayed on the screen until you change it again or turn the CC-330 off.

2-5 Parameter settings description

2-5-1 Cutting quantity

This menu allows you to set the total amount of cards required to be cut.
This option is ideal if you have a stack of sheets that all require the same cutting template as you can stack these in the feed tray and set the amount of cards to be cut using this function and leave them to cut automatically.

So if your sheet has 21 cards to be cut multiply this with the amount of sheets you have (up to 3mm stack height) and set that number on the machine.

In the standby mode, press the or to reach the required quantity up to a multiple of 10.

21 cards x 10 sheets = 210. After which if will go to AUTO.

AUTO allows for continuous feed of all stacked sheets in the tray and until the tray is empty. When there are no more sheets to present to the cutter, and the tray becomes empty, the cutter will stop.

2-5-2 Datum selection

Press button in standby mode, to switch between

detection. This is dependent on the template you have chosen to use.

2-5-3 Card error adjustment method

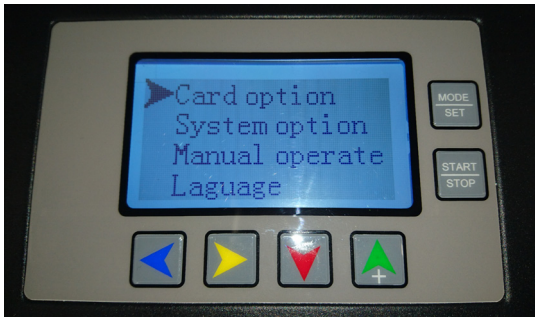
When you receive an error in the size of you cut cards (preset modes), you have a number of adjustable options to help with the accuracy of these sizes. These include;

- First cutting compensation
- Mark position compensation
- Card length compensation
- Groove width compensation

These menus can be found under the CARD OPTION menu and is specific to the preset (not custom) card mode you have selected at the time.

To access these menus, press and hold the

button for 3 seconds. This will enter the setup menu, the LCD display:



Press or button to move the arrow selection cursor to the CARD OPTION menu and press the MODE SET button to enter the sub menus as listed.

To navigate through the sub menus for card option press the button.

1. First cutting compensation

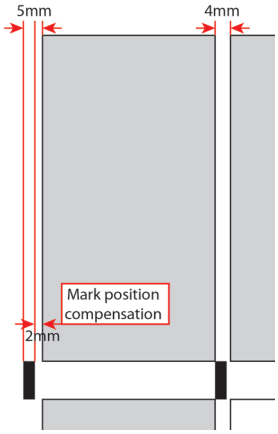
This is where the first cut is placed on your card.
All the card presets (except CUSTOM) default to Edge cutting. Datum selection is chosen our templates will have this set to 10mm as a default.
LCD display:

Press or button to change the compensation value □-5.0 — +5.0mm□

Press MODE SET button and return to previous menu.

2. Mark position compensation

This refers to the gap between the bottom of the ‘MARK’ and the edge of where the next card is to be cut.
Here our example shows a 2mm gap between the ‘MARK’ and the edge of card to be cut.



To adjust this value press or button, until the LCD displays your required measurement.

Once your measurement is set press the button to return to previous menu.

3. Card length compensation

Continue to press button, until you see Card length compensation in the LCD display.

Press or button for compensation setting of -3.0 — +3.0mm□

Press button and return to previous menu.

4. Groove width compensation

Your groove width is the gap (measurement in mm) between you card rows. You can apply a compensation to your width. This is a variable measurement and is dependant on the card template you have selected and the therefore the card mode.

Continue to press button, until the LCD display:

Press or button for Compensation setting □-3.0 — +3.0mm□

Press button and return to previous menu

2-5-4 System settings

Under normal circumstances the CC-330 will have been set up prior to shipping and you will not have to make any changes under the system settings.
Should you wish to only change an individual card setting please do this under the CARD OPTION menu specific to the card mode selected.

Attention:
Any changes made under the system settings will change the values for all preset card modes. These are universal changes.

The options available under the system settings are:

- System speed
- System accuracy compensation
- Five column blade (longitudinal) width - for 5 card cutting cassettes
- Three column blade (longitudinal) width - for 3 card cutting cassettes
- First cutting compensation
- Mark position compensation
- Groove width compensation
- Last card compensation
- Penultimate card compensation
- Third from last card compensation
- Subtotal clear
- Restore factory settings
- Firmware version

From standby mode, press MODE/SET and hold the button for 3 seconds to enter the setup menu, the LCD will display:

To navigate around the menus press the ◀ or ▶ buttons to move the cursor to system selection. Once you have selected the System option menu press the MODE/SET button which will take you to the sub menus.

To navigate around the following sub menus use the ▶ button.

To easily make changes to a measurement values and when in the menu you would like to change, press the START/STOP and this will add a small arrow above the measurement values as shown below.Keep pressing until the arrow falls above the measurement you want to change and use

or buttons to change the value until you are finished.

1. System speed
This menu sets the speed of cutting of your sheets.

Changing the system speed can affect the cutting accuracy and positioning of your cuts.
The selectable options are 1-9 . 1 being the slowest and 9 the fastest setting.

As an example and using an SRA3 sheet for 85mm x 54mm cards (21 cards to cut) the system on setting 1 will take 9 seconds to cut the sheet and on 9 it takes 7 seconds to cut the sheet.

The CC-330 will have been programmed and tested prior to shipping and so the value set in this menu should not be changed. However, if it has to be changed, we advise you do not set this to more than 8.

If you need to change the speed setting this can be done by using the or buttons.

2. System accuracy compensation
This refers to the scaling
This is set prior to shipping and should not be adjusted.

Press or buttons for compensation setting -3.0 to +3.0mm.

3. Five column blade width

This measurement is set prior to shipping of the CC-330. Should you purchase an additional cassette, this measurement can be changed to match the cassette size - measurements are in mm.

Press or buttons, until you reach the cassette measurement.

4. Three column blade width

This measurement should be set prior to shipping of the CC-330.
Should you purchase an additional cassette, this measurement can be changed to match that cassette size - measurements are in mm.

Press or buttons, until you reach the cassette measurement (values between 1 — 99mm).

5. First cutting compensation

This is where the first cut is placed on your card.

When Edge Datum selection is chosen our templates will have this set to 10mm as a default.
LCD display:

If you are using different templates please set this to the measurement of where you would like your first cut to be.

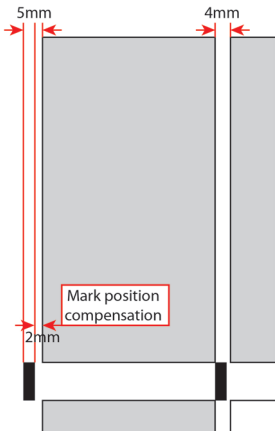
Press or button to change the measurement.

Press

button and return to previous menu.

6. Mark position compensation

This refers to the gap between the mark and the edge of where you want your card to be cut.
Here our example shows a 2mm gap between the 'MARK' and the edge of card to be cut.



To adjust this value press or button, until the LCD displays your required measurement.

Once your measurement is set press the

button to return to previous menu.

7. Groove width compensation

Your groove width is the measurement between you card rows. You can apply a compensation to your width. This is a variable measurement and is dependant on the card template you have selected and the therefore the card mode.

Continue to press button, until the LCD display:

Press + or − button for Compensation setting □-3.0 — +3.0mm□

Press MODE/SET button and return to previous menu

8. Last card compensation

Should you need to adjust the cut position of the last card cutting use this option.

Continue to press ◀ or ▶ button, until the LCD displays:

Press + or − button for Compensation setting □-1.0 — +1.0mm□

Press MODE/SET button and return to previous menu.

9. Penultimate cards compensation

Continue to press ◀ or ▶ button, until the LCD display:

Press or button for Compensation setting □-1.0 — +1.0mm□

Press button and return to previous menu.

10. Third from last compensation

Continue to press or button, until the LCD display:

Press or button for compensation setting -1.0 — +1.0mm□

Press button and return to previous menu.

11. Subtotal clear

Continue to press or button, until the Subtotal clear menu shows in the LCD display:

Press the button for a few seconds and release - the accumulated subtotal number will be cleared to 0.

12. Restore factory settings

Continue to press or button, until the LCD display shows the menu:

Press + button to complete the action and return the CC-330 to factory settings - clearing all input values.

Press MODE/SET button to return to the previous menu and then for 3 seconds to return you to the main operating display.

Attention
Only do this if instructed to by a trained customer support operative.

1 3 . Firmware version

This menu displays the CC-330's current firmware version.
This may be required by a customer services representative in the event of a query.

Press ◀ or ▶ button, until the LCD displays as shown:

Press MODE/SET button to return to the previous menu and then for 3 seconds to return you to the main operating display.

2-5-6 CUSTOM mode card settings

There are 11 changeable menu options under any of the CUSTOM format card modes.

- Card width
- Card length
- Card rows
- Card columns
- First cutting length - from the front of the sheet to the first card edge
- Mark position length - this is the 'MARK' width
- Groove width-this is the space between aech card edge

- First cutting compensation
- Mark position compensation
- Card length compensation
- Groove width compensation

When setting compensation values the display will show an option of 0.00. The first 0. is a whole mm value i.e. 1mm, 2mm etc. The .00 are the tenths of a mm i.e. If the display shows 1.50 it means the value set is 1.5mm.

To easily make changes to a measurement value and when in the menu you would like to change, press the START / STOP and this will add a small arrow above the measurement values as shown below. Keep pressing until the arrow falls above the measurement you want to change and use the + or − buttons to change the value until you are finished.

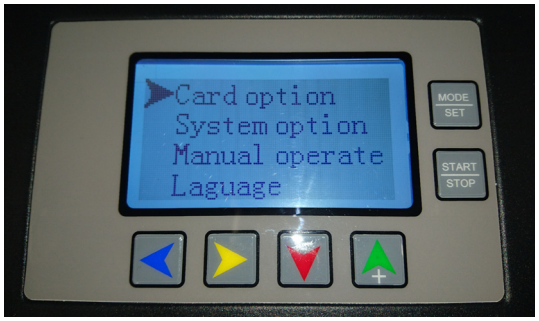
To select a CUSTOM card mode and when in standby state press the button to switch the sheet / paper specification. The sheet / paper sizes shown are; A3, A3+, SRA3, A4, and CUSTOM.

Select CUSTOM. By pressing the MODE / SET button you can scroll through the available CUSTOM mode options - there are 10 custom mode options available to use. See Section 2-4-2 (4) to understand the modes.

Attention

If you are in the AMERICAS the CC-330 has been programmed with the modes as explained in Section 2-4-2 (4).
If you are in an EMEA region you will not have these settings programmed in the CC-330. These custom modes are not preset and will therefore show settings that will not relate to anything you may be doing and are all fully adjustable.

To make changes to a CUSTOM mode select the mode number you would like to change and press and hold the MODE / SET button for 3 seconds to enter the setup menu, the LCD display will show:



Press or button to move the cursor arrow to CARD OPTION, press to enter the following card settings:

1. Card width

This measurement refers to the longitudinal card cutting cassette delivered with the CC-330. Use to set the correct value or if you change the cassette. i.e. If you purchased a 90mm cassette, put 90 in as your measurement.

Continue to press or button, until the LCD displays the correct size according to the card cutting cassette.

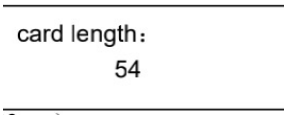
Press or button for compensation setting□1 — 100mm□

Press button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode. The new measurement will show on the LCD panel.

2. Card length

The card length is the length of the card to be cut.

Continue to press or button, until the LCD displays:



Press or buttons to change the card length measurement from 1 to 600mm.

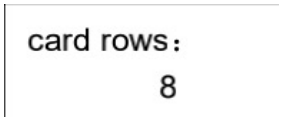
Press button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode. The new measurement will show on the LCD panel.

3. Card rows

This is the number of cards you can cut from your sheet depending on your card size and how much ‘groove width’ set between each cards row.

If you are printing non-bleed cards you can have a 0 groove width setting and therefore more cards per sheet.

Continue to press or button, until the LCD display:



Press or button to change the value from 1 to 99.

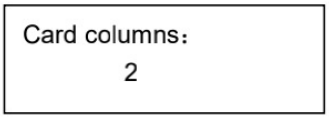
Press

button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode. The new measurement will show on the LCD panel.

4. Card columns

These are the amount of columns your card cassette will cut and are a fixed measurement for 85mm, 89mm, 90mm and 95mm cassettes.
If you switch cassettes you will need to change your column size settings.

To change the column size continue to press or button, until the LCD displays:



Press or button to set between 1 and 9 columns.
For 85mm, 89mm, 90mm and 95mm cassettes this figure should be set to 3.
For 54mm and 55mm cassettes this figure should be set to 5.

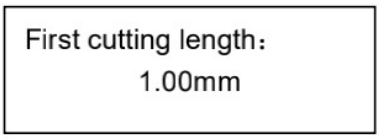
Press

button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode. The new measurement will show on the LCD panel.

5. First cutting length

This is where the first cut is made on the sheet. All other provided CUSTOM templates have been designed with a 10mm first cut position (for EDGE datum selection). If using the templates provided set this value to 10.

Continue to press or button, until the LCD display:



Press or button to set between +1.00mm and +30.00mm

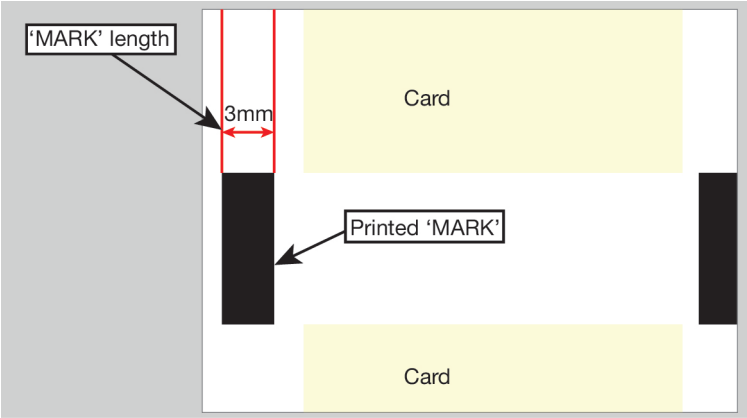
Press

button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode.

Note: Templates should be designed to ensure that the first cutting length is less than 15mm and no greater than 30mm.

6. Mark position length

The 'MARK' position length is the length of your printed 'MARK'.



Continue to press ◀ or ▶ button, until the LCD displays:

Mark position length: +1.50mm

Press + or − button to set between +1.00mm to +30.00mm. Precision: ±0.05.

Press MODE/SET button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode.

7. Groove width

This is the measurement between the card rows. Refer to the provided templates or see Section 2-4-3 to set the groove width measurement.

Continue to press ◀ or ▶ button, until the LCD displays:

Press + or − button to set between 0.00 to 15.00mm. Precision: ±0.05.

Press MODE/SET button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode.

8. First cutting compensation

This is where the first cut is placed on your card.
When Edge Datum selection is chosen our templates will have this set to 10mm as a default.
LCD display:

If you are using different templates please set this to the measurement of where you would like your first cut to be. Measure from the edge of the sheet to the top of the first card.

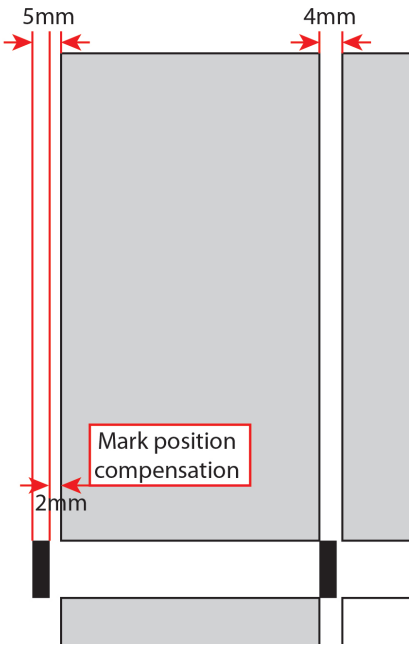
Press or button to change the measurement. Precision: ±0.05.

Press button and return to previous menu.

9. Mark position compensation

This refers to the measurement between the bottom of the 'MARK' and the top (edge) of where the card is to be cut.

Here our example shows a 2mm gap between the 'MARK' and the edge of card to be cut.



To adjust this value press or button, until the LCD displays your required measurement. Precision: ±0.05.

Once your measurement is set press the button to return to previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode.

10. Card length compensation

The card length compensation is available to adjust the length of your card should it not be cutting to the correct size as set in the system.

Continue to press or button, until the LCD displays:

Card length compensation: +0.00mm

Press or button and set a compensation setting of between -3.0 to +3.0mm. Set a - figure if the card is too big and set a + value if the card is too short.

Example: If you are expecting the card to be 55mm and it is cutting at 55.5mm set the value to -0.50. Or if the card should be cutting to 54mm and it is 53.6mm set the value to +0.40.

Press

button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode.

11.*Groove width compensation*
The measurement between the card rows is the groove.
Section 2-4-3 shows the provided templates and their groove measurements. When cutting any of the templates, if the groove is too short or too long you will need to se a groove width compensation. If the measurement is too short set a + value and if it is too long set a - value.

Continue to press or button, until the LCD displays:

Press or button to set between 0.00 to 15.00mm

Press

button to return to the previous menu and press again for 3 seconds to come out of the CARD OPTION menu and back to standby mode.

2-6 Operating methods and processes

- Feed tray - to fine tune feed
- Left guide board
- Right guide board
- Alignment marks - 'MARK' sensor

1. Input power
Turn on the power switch, the machine is initialized into standby mode.

2. Paper settings
Place the printed sheets / paper ready for cutting into the feed table.
a. Paper width adjustment - ensure the paper guides are not too tight and are only gently touching the paper, the paper should e able to be pulled into the CC-330 freely.

b. Do not put too much paper in the paper feed table - maximum of 20mm depth.
c. The front of the paper is curled up, causing poor feed - please correct and replace
d. Please only feed the same type of paper at any one time. Mixed paper thickness and types can cause a miss feed.
e. Do not use thick plastic paper, coated paper, PVC, paper thicker than that specified in the product specifications (>0.40mm), any media that is hard otherwise it will cause damage to the tool.

3. The left or right position setting of paper
The paper guides can be moved left and right to adjust for different paper sizes. When feeding SRA3 paper and to ensure correct cutting of the provided template positions make sure the paper guide to the rear of the CC-330 is set to its farthest position.

Note where the sensor (triangle) mark falls on the first column of the card when using 'MARK' detection and ensure the 'MARK' is central to the sensor triangle.

4 . Feed cutting
Warning Feed and cut, do not put your fingers, hair in the first feeding near paper stick, so as not to get hurt.
Warning Feed and cut, do not get something from the tray with your fingers.

Paper mode setting, press <start> key, set the size according to the setting mode for cutting, the cutting is complete will automatically stop is in standby mode; want to cut and then press the start button again.
Cutting end, the entire process is completed, please turn off the power switch.

2-7 Changing the longitudinal cutting cassette

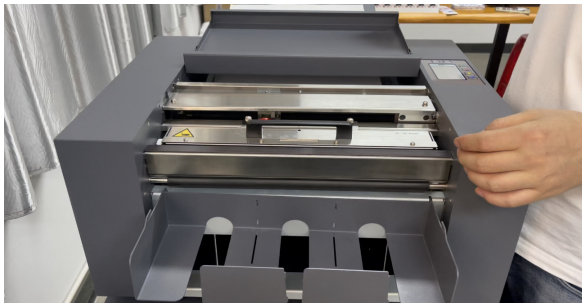
If you have purchased an additional cutting cassette you will need to follow the procedure below to ensure correct fitting of the cassette.

⚠ Attention: Confirm that the power had been turned off and the power cable removed from its input port, so as to avoid electric shock.

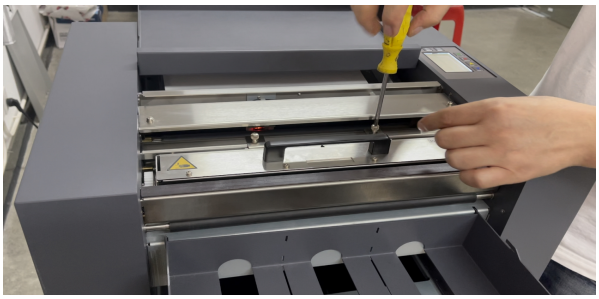
⚠ Attention: The cutter must not be touched, to avoid injury please pay close attention to this procedure for installation:

Revoming the longitudinal cutter (cutting cassette)

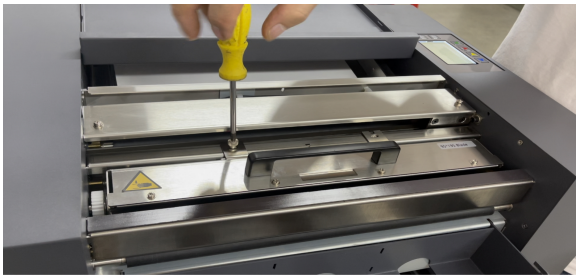
- Turn off the power switch and remove mains cable from electrical socket
- Remove the top cover - Pic1
- The cutting cassette has 2 screws holding it in place. Each screw has to be removed and placed carefully to one side to use again - Pic 2 & pic3
- Carefully remove the cassette by lifting upwards, ensuring that at the gear end you have lifted the gears apart enough to remove the cassette. Pull away in a diagonal movement from the front of the machine first and then the rear gear area and place carefully to one side .Pic4
- You now have an empty area to place a new cutter cassette into .



PIC1



PIC2



PIC3

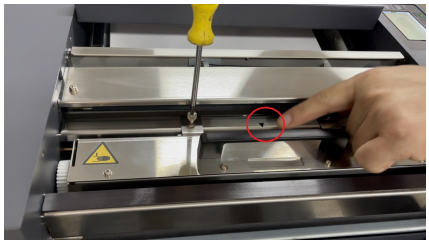
PIC4

Installing the longitudinal cutter (cutting cassette)

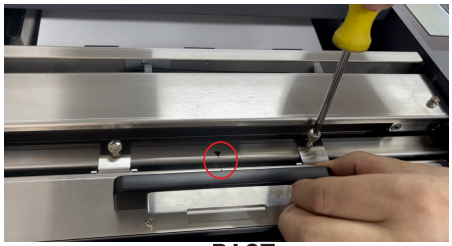
- In the CC-330, where the previous cassette has been removed , carefully offer up a newc utting cassette as shown in Pic5.
- When offering up the cassette to the CC-330 place the gear end (rear panel) into the hole in the rear frame first, and in a diagonal movement, making sure the gears fit together firmly and place remaining cassette and ensuring the locating bars fit around the locating pins on the CC-330 frame (Pic6/7)
- Replace the 2screws from where they were removed and tighten firmly once in position -PIC6/7 ensuring the cutter is level. pls pay attention on the arrows for location pins.Pic8
- Replace the top cover ensuring the interlock switch is in place. pic9
- Turn on the power and start to test the cutter. PIC10.

Attention: If there is a grinding noise coming from the CC-330, turn it off immediately and reseat the cassette at the gear end.

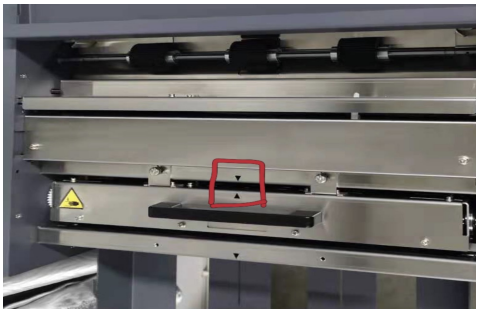
PIC5



PIC6

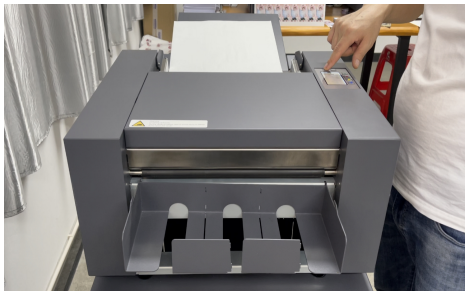


PIC7



PIC8

PIC9



PIC10

3. Troubleshooting

The CC-330 will provide you with an audible beep if there is an error with cutting, a paper jam or if one of the safety switches has been interrupted. The LCD screen will also provide an indication of the error and the machine will stop working and continue to beep until the error or jam has been cleared. When cleared the machine will go into standby mode.

3-1 Safety cover failure

If you open the safety cover or try to operate the machine while the safety cover is open you will hear an audible beep and the machine will stop working. This message will appear on the LCD display:

This error message shows because the machine's magnetic interlock switch is not in its home position.

You can stop the audible beep by pressing the

button.

Solution: Place the cover back on the machine ensuring that the interlock switch is in position. The beep will disappear and the LCD will go back to standby mode.

3-2 Jam handling

If paper has been taken into the cutter but stopped or did not cut the machine will provide an audible beep and you will see this message:

Attention - DO NOT PULL PAPER BACKWARDS OUT OF THE MACHINE - you can damage the feed rollers and cutters if you attempt to do this.

Solution: Press the button until the paper is released.

When the paper has been released press the

button to return to standby mode.

If this does not resolve your issue it is possible that paper is caught in the cutter cassette. Please follow this procedure to remove the paper:

- Turn off power
- Remove the top cover
- Remove cutter cassette - refer to Section 2-7
- Replace the top cover
- Turn on the power, press start button
- Make sure any of the jammed paper and paper scraps come out of the machine
- Turn off power
- Open the top cover
- Replace the cutter cassette
- Replace the top cover

Turn on the power.
If you still hear an audible beep or an unusual noise it is possible paper is still caught in the cutter mechanism. Follow this procedure:

- Turn off power
- Remove the backlog of paper in the paper tray
- Pull out the stuck paper
- Turn on the power

Press the

key to confirm whether there is abnormal sound or the BC480 is working normally.

3-3 Crosscutting knife cutting failure

There is paper stuck in the knife or the paper is too thick or curled.

When the LCD display shows:

- Crosscut knife cutting paper failed

Depending on the situation, press or button and the crosscut knife motor will move forward or reverse. Whilst doing this, confirm that the crosscut knife has separated any stuck paper and then press the press or buttons to remove the paper.

Press the

button and you will hear a click - this is so you know that the knife is working or whether it has been damaged.

Press

button to exit and return to standby mode.

3-4 MARK' was not detected

Cause: The CC-330 has not been able to detect the black 'MARK' or the 'MARK' has not meet the requirements.

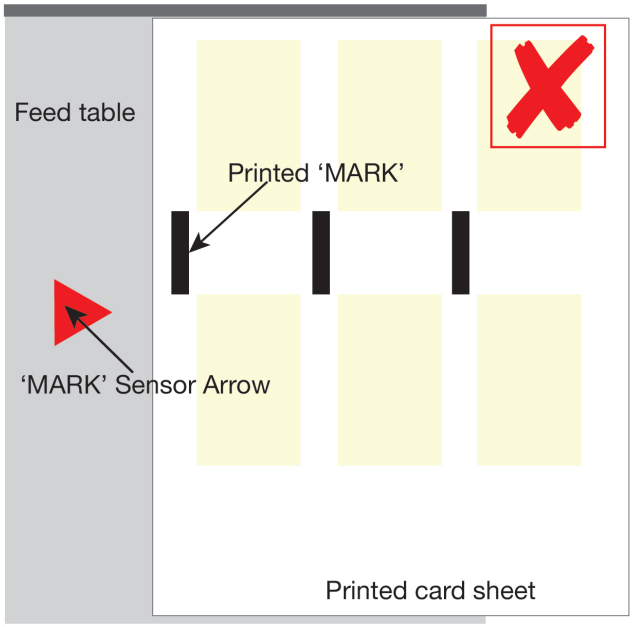
The LCD display will show this message:

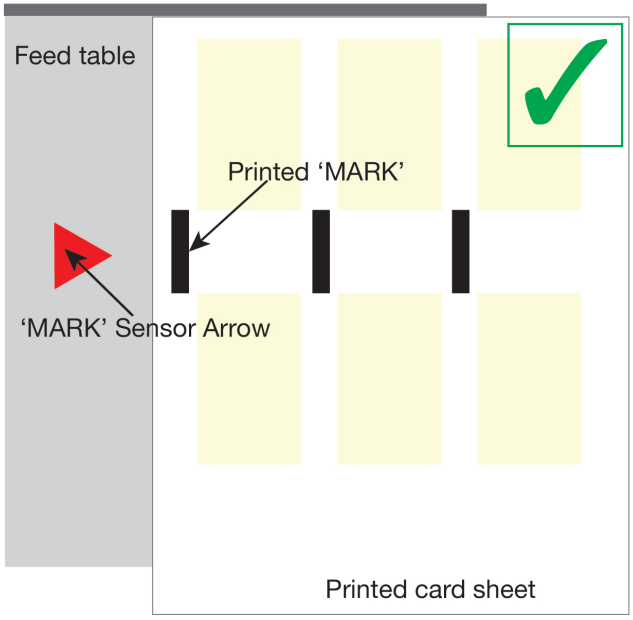
To eject the paper press button, feeding or ejecting paper to troubleshoot the problem.

Press the button to exit the error and return to standby mode.

Solution:

- Ensure you check that you have a printed ‘MARK’ on your sheet. If there is no printed MARK set your machine to detect by EDGE and not ‘MARK’ by using the button.
- If you do have a ‘MARK’ printed on your sheet, ensure that the ‘MARK’ is correctly lined up in position on the feed table for the ‘MARK’ to be read. Refer to the templates to ensure correct placement of the ‘MARK’ on your sheet.
- Ensure the ‘MARK’ has been printed using only 100% black toner.
- If you have a ‘MARK’ and it is not lining up with sensor arrow on the feed table, your paper guides could be in the wrong position - move the guides to line the ‘MARK’ up with the arrow.





3-5 Paper too narrow

When the LCD displays: The paper is too narrow, use the ‘MARK’.

Press button

Press button , feeding or ejecting paper to troubleshoot the problem.

Press the button

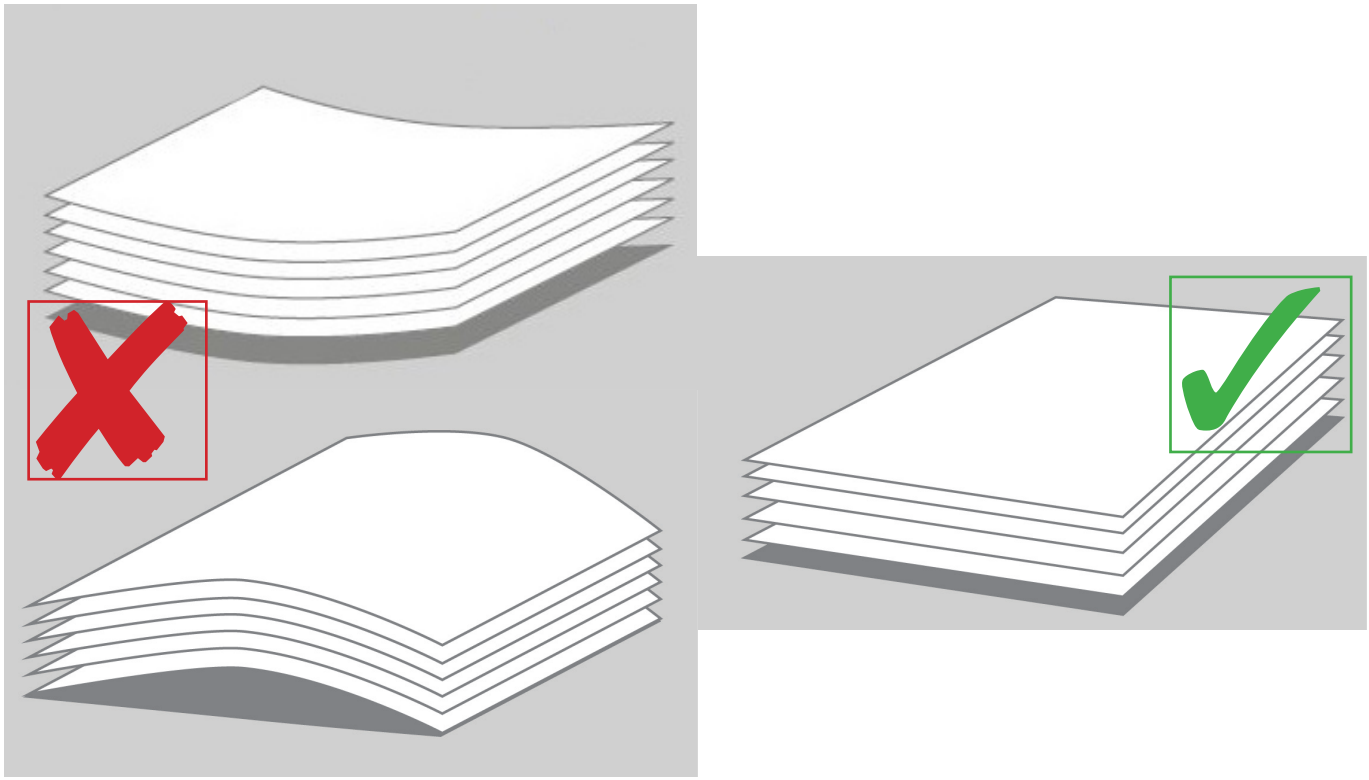
to exit and return to standby.

Solution : Check that you are using the correct paper size as selected on the LCD display.

3-6 Poor feed

There can be several reasons for poor feeding of your sheets.
These can be:

- Paper guides are too tight - adjust your paper feed tray guides
- Unsuitable paper is being used - thickness and quality - The paper is too thick (>0.35mm) or is too thin (<0.20mm)
- Only one sheet is present in feed tray - add additional sheets to increase feed height
- Incorrect paper size used - paper is too large or small for the option selected
- Too much paper stacked in the feed tray - no more than 3mm depth can be in the feed tray
- Paper is curled - present only flat sheets



Attention: Please do not use the paper as shown above as this may cause poor feed and poor cut positions.

If you require further customer support for the CC-330 you should, in the first instance, contact the dealer you purchased the CC-330 from.