



## **OPERATING INSTRUCTIONS**

**for the card cutters**

**Secabo CC21 and CC30**

Congratulations on the purchase of your Secabo card cutter!

Please carefully read the operating manual to easily integrate your unit into your production environment.

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# Brief overview

## Secabo card cutter CC21 and CC30

Secabo card cutters are the perfect helpers for producing small to medium quantities of business cards and other print products to be cut out of DIN A4 and DIN A3 formats. An easily replaceable knife block determines the width of the processed objects, the feed length can be electronically configured in the menu. Based on the inserted knife block and configured feed length, the CC21 reliably and automatically cuts DIN A4 n-ups in stack cutting quality, just as the CC30 does with DIN A3 n-ups. In the case of business cards, for example, the unit always cuts off paper strips between the cards, as well as along all outer edges, thus facilitating the use of bleed margins to achieve absolutely professional results. Both models can cut paper with a thickness of up to 400g/m<sup>2</sup>. Matching knife blocks for 85mm and 90mm business cards are already included with the CC21 and the CC30, while additional blocks, e.g. for DIN A6 cards, can be optionally purchased. Using Secabo card cutters is easy, does not require expert knowledge and will always yield perfect results for copy shops and print service providers!

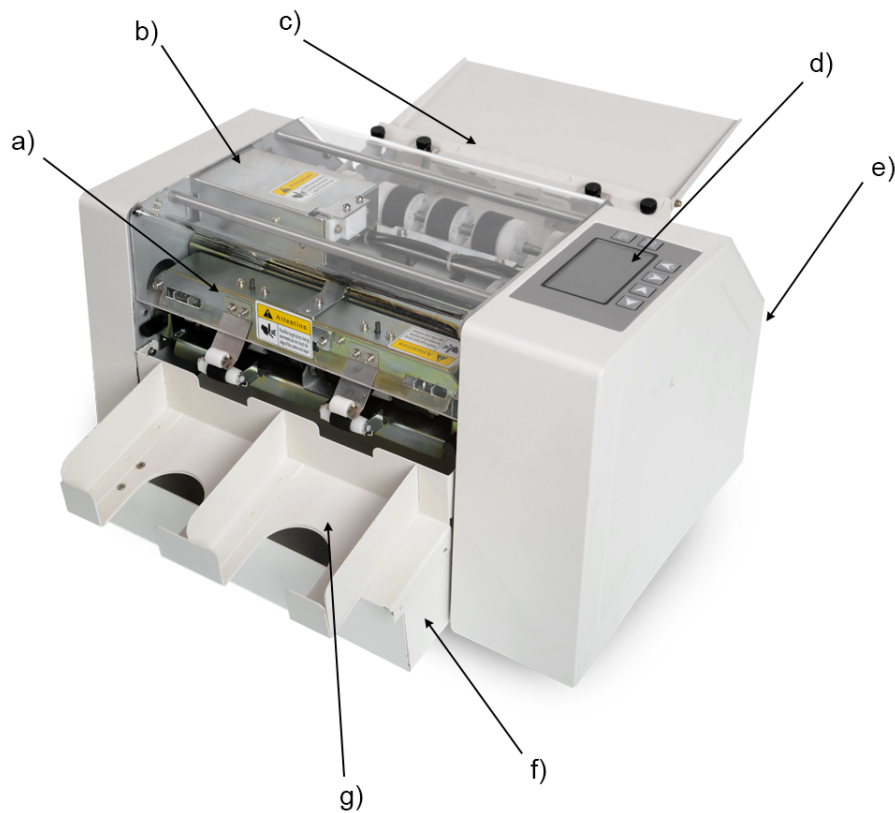
## Safety measures

Please read the information and safety measures carefully prior to initial operation of the unit!

- Never reach into the card cutter when it is connected to electricity supply.
- Never open the casing and do not make any modifications to the unit yourself.
- Do not reach into the knife block or the shear blade.
- Do not insert any unsuitable materials in the card cutter for cutting.
- Ensure that neither liquids nor metal objects are put inside the card cutter.
- Ensure that the wall socket you use is grounded. Keep in mind that a card cutter may only be operated on a wall socket equipped with a ground fault switch.
- Always ensure that the card cutter is out of reach of children during operation and never leave the unit switched on without supervision.
- Ensure the unit is only used in dry rooms.

**If you cannot meet one or more of the aforementioned safety rules, or if you are not sure if you're in compliance with any of the points, please contact our technical support.**

## Machine description

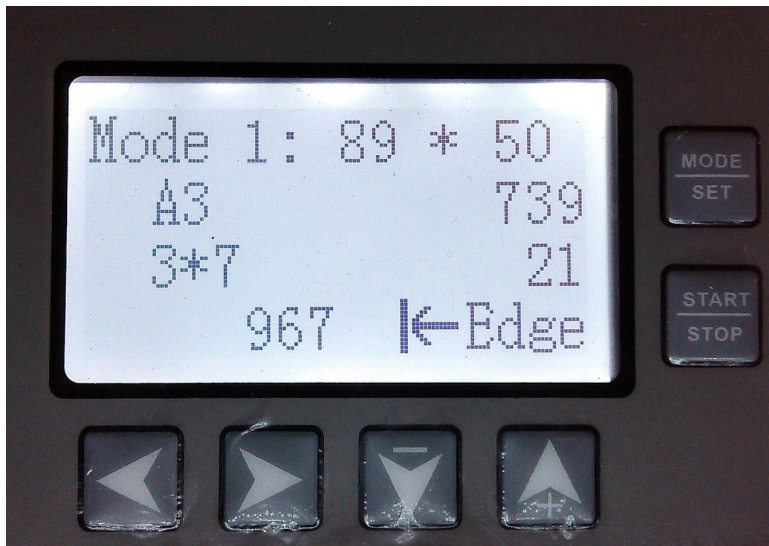


- a. Replacable knife block
- b. Cover with safety switch
- c. Paper feed
- d. Controller
- e. Power switch and cord (not shown)
- f. Container for cut-offs
- g. Container for finished products







## Initial operation

- Make sure the Secabo card cutter is securely placed on a sturdy table.
- Slide the container for cut-offs into the front opening provided for this purpose, until the container is held in place by a magnet.
- Hang the tank for finished products above the container for cut-offs using the hooks provided for this purpose.
- Connect the card cutter to a 230V outlet via the power cord and turn it on.

# Controller



The central controller allows for configuring the length of the cut cards as well as the cutting modes "Edge" and "Mark". A counter shows the number of cards already cut. The amount to be cut for a job can be selected using the arrow keys.

	In standby, you can use the <b>Mode/Set</b> button to switch between the preset modes. Hold <b>Mode/Set</b> for five seconds to enter the <b>Setup</b> menu. To return to <b>standby</b> mode, simply press and hold <b>Mode/Set</b> for five seconds again.
	Start the cutting process by pressing <b>Start/Stop</b> . You may also use the same key to stop it.
	Switch between the A3, A3+, SRA3, A4 paper sizes and Custom. This is also the order in which you will rotate through them. Select the previous menu item when in the Setup menu.
	In the <b>Standby</b> mode, switch orientation mode, i.e. via the front edge of the paper or via printed marks. Select the next menu item if in the <b>Setup</b> menu. Use the paper feed in the event of an error.
 	In the <b>Standby</b> mode, these keys lets you set the number of cards to be cut. In the <b>Setup</b> mode, you can change the selected values. Details below.

# Operation

1. Turn your card cutter on.
2. Insert your printouts into the paper feeder with the printed side pointing up, head first. The arrow mark in the paper feeder will help you when centering your printouts.
3. Select the mode appropriate for your printout from the templates.
4. Choose whether positioning should be done based on the mark or the edge.
5. Press the Start/Stop button.
6. The cutting process begins.

## Settings

### Setup menu

#### 1. Card option

Using an example of a template with two columns and five rows. A change through the +/- buttons into the negative area will be represented in the sectional view in form of a change of the cut in the direction of the media transport.

First cut compensation	In this menu point, you can configure the offset of the first row to a setting between -5.0 and 5.0mm by using the +/- keys.
Mark position compensation	In this menu point, you can configure the offset of the marking (provided you've chosen the mode using marks instead of edges for alignment) to a setting between -3.0 and 3.0mm by using the +/- keys.
Card length compensation	In this menu point, you can adjust the actual vertical card length to a setting between -3.0 and 3.0mm by using the +/- keys.
Gutter cut compensation	In this menu point, you can configure the offset from the second row onwards to a setting between -3.0 and 3.0mm by using the +/- keys.
Third from bottom compensation	In this menu point, you can configure the offset from the third row onwards to a setting between -1.0 and 1.0mm by using the +/- keys.
Penultimate card compensation	In this menu point, you can configure the offset from the fourth row onwards to a setting between -1.0 and 1.0mm by using the +/- keys.

Last card compensation	In this menu point, you can configure the offset from the last row onwards to a setting between -1.0 and 1.0mm by using the +/- keys.
Card width (only in custom mode)	Setting the card width
Card length (only in custom mode)	Setting the card length
Card rows (only in custom mode)	How to set the rows on the printed form.
Card columns (only in custom mode)	How to set the columns on the printed form.
First cut length (only in custom mode)	Set the position of the first cut.
Mark position length (only in custom mode)	Set the length of the mark for alignment.

## 2. System option

System option allows you to configure the basic values, which is why you have can set a higher range for some menu points than in "Card option", which you already know from the previous menu.

Speed	Adjust the speed by using the +/- keys.
Precision	In this menu point, you can adjust the actual vertical card length to a setting between -3.0 and 3.0mm by using the +/- keys.
Subtotal clear	Reset counter by using the key
Adjusting knife	Adjusting the blade height by using the +/-keys
First cut compensation	In this menu point, you can configure the offset of the first row to a setting between -10.0 and 10.0mm by using the +/- keys.
Mark position compensation	Set the length of the mark for alignment.

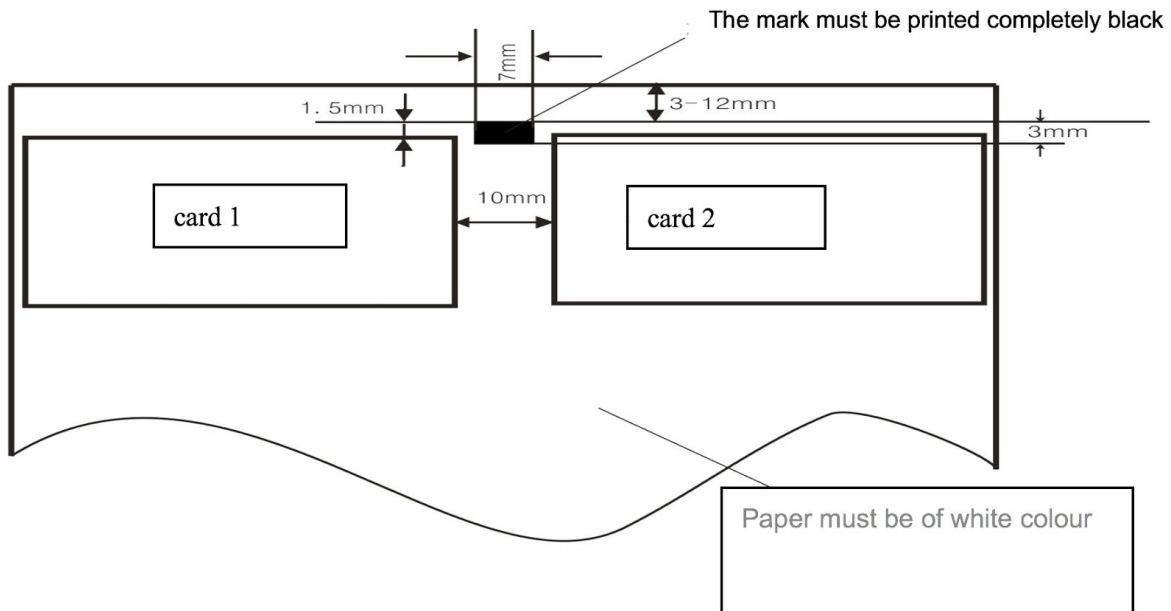
### 3. Language

Adjust the menu language by using the +/-keys

### Cut according to mark

In addition to aligning the cuts based on the front edge of the sheet ("Edge"), the CC21 and CC30 can also scan the appropriate marks ("Mark"). To do this, a mark can be added to the upper center of each row of cards, as described in the graphic.

The mark must be printed in black. The detection only works on white paper.

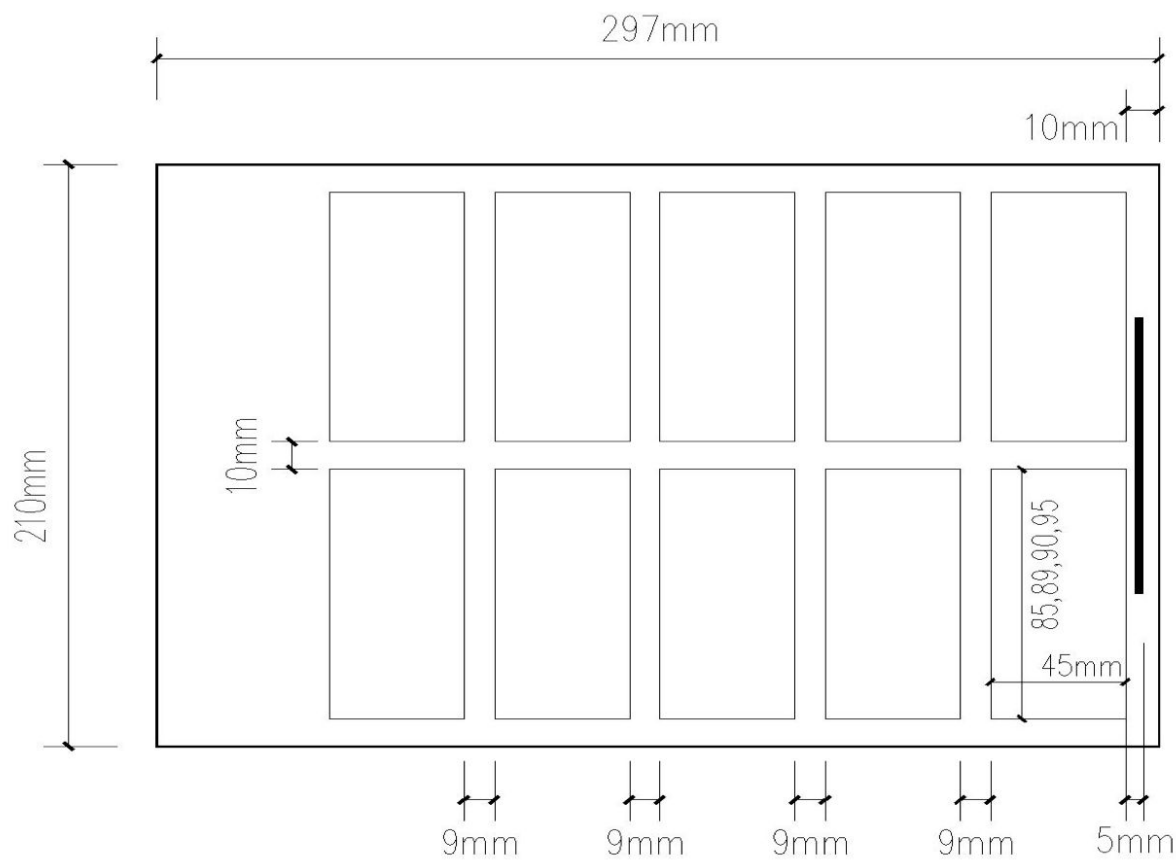


### Use templates for n-ups

Various templates are already stored in the CC21 and CC30, which can simply be selected in the controller. Below you will find some dimensioned drawings for these templates, so that you can create corresponding templates.

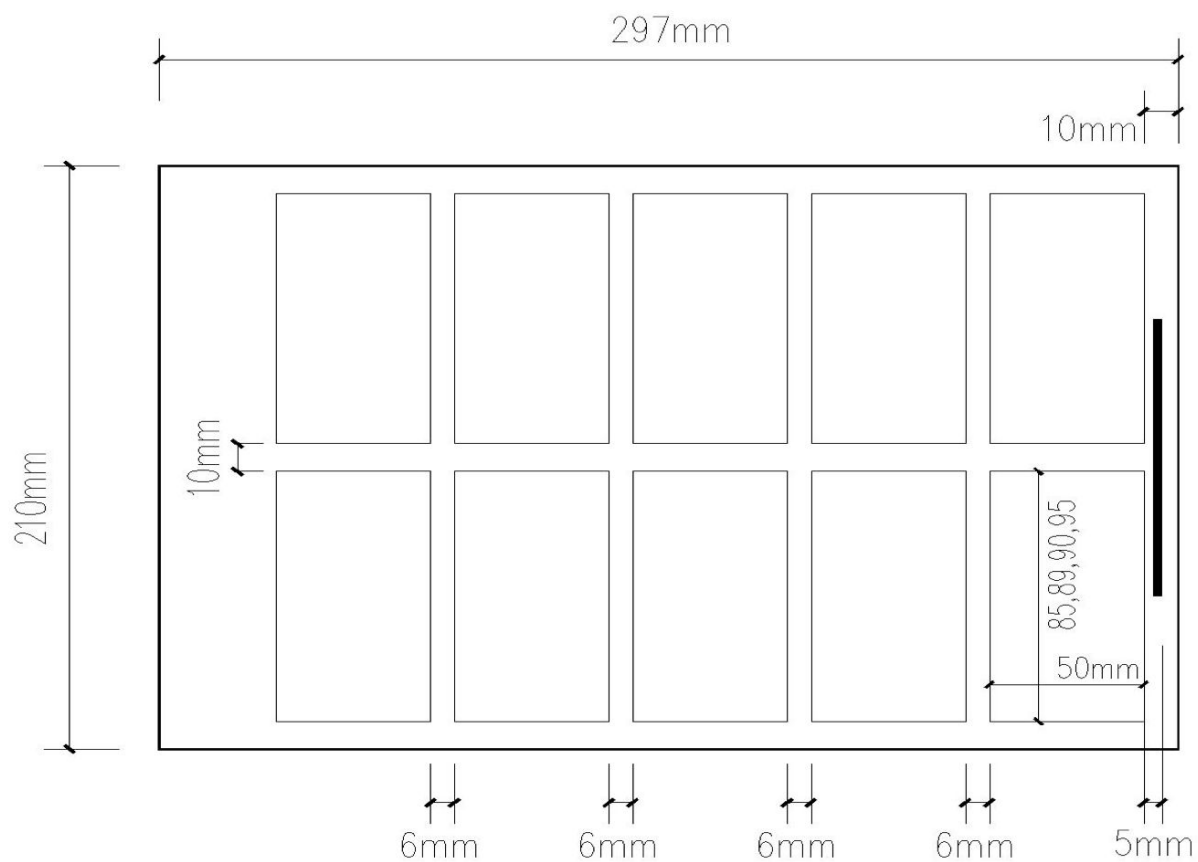
You may of course deviate from and make modifications to these templates within the scope of possibilities, as described in the previous point. To do this, simply switch from the specified paper formats to the "Custom" mode. Here you can configure your own settings.

CC21 - Templates in A4

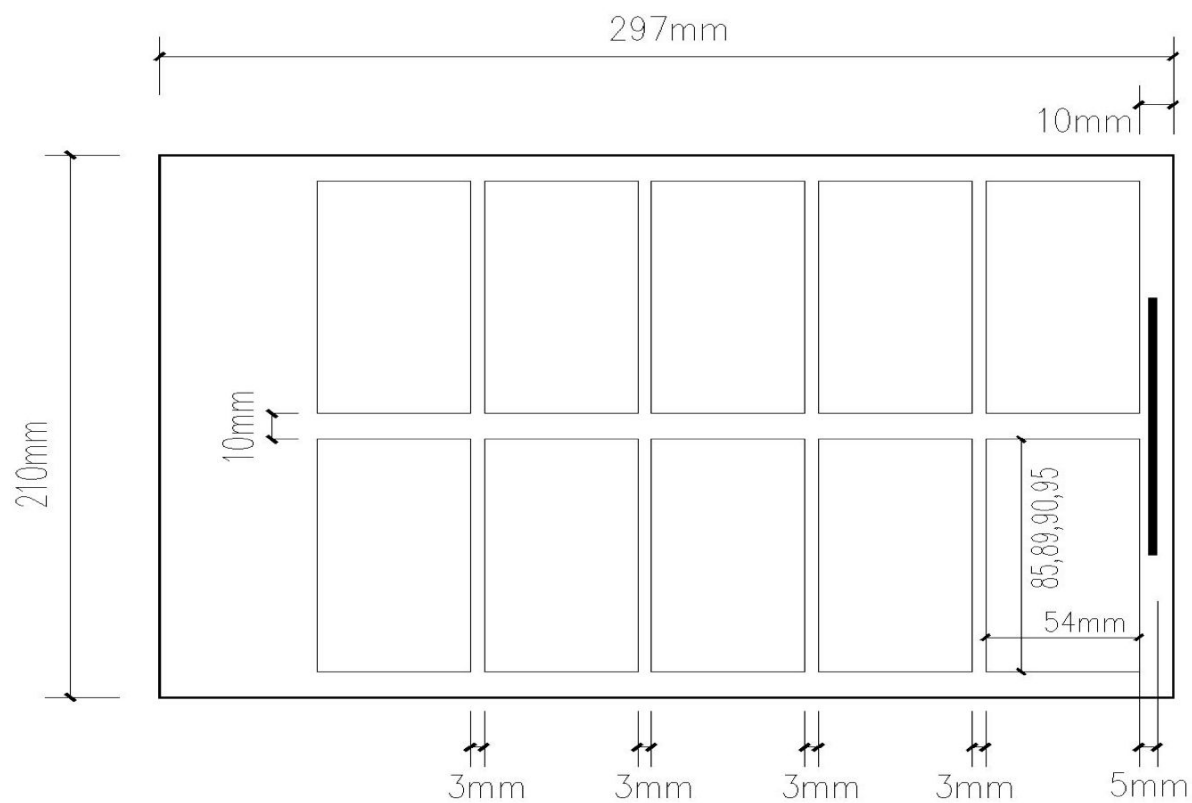


Mode 0 - A4 85mm or 90 x 45mm

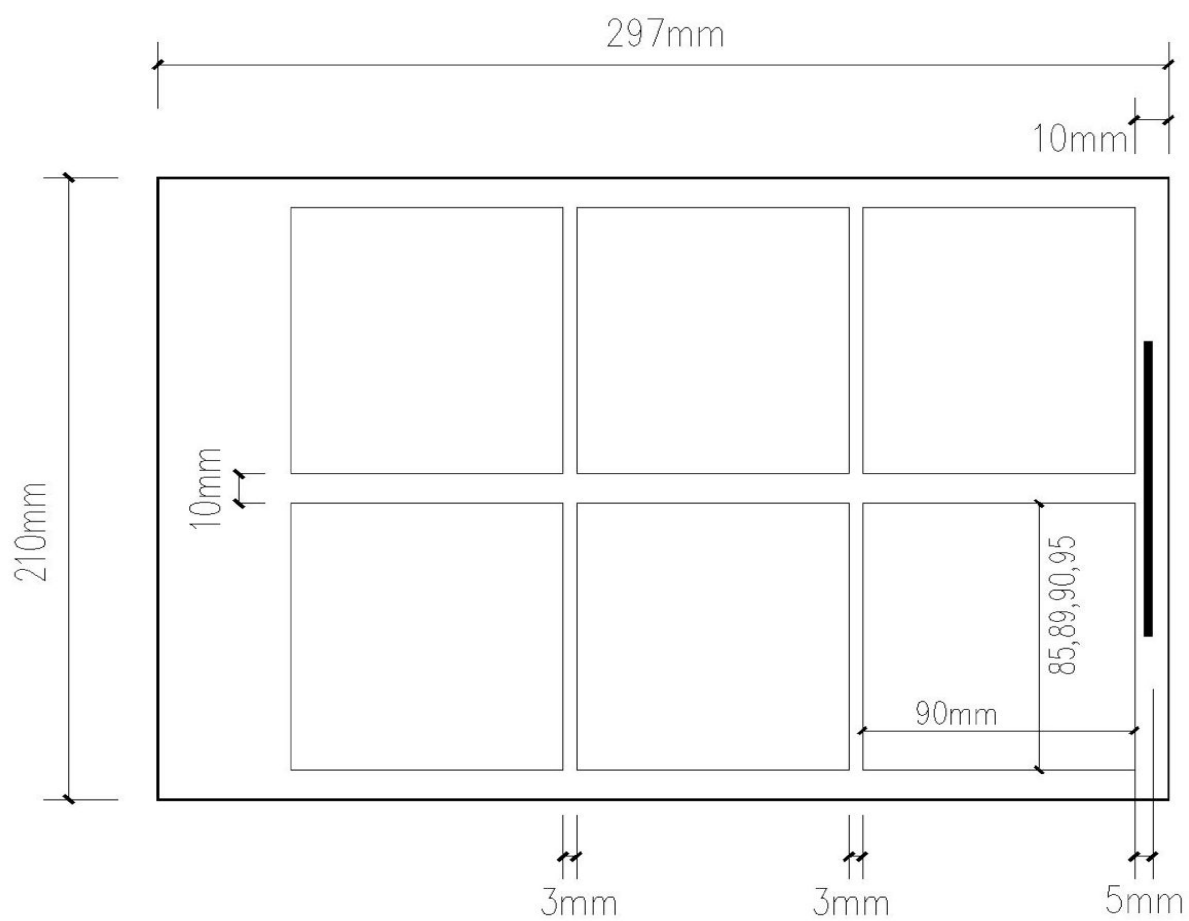




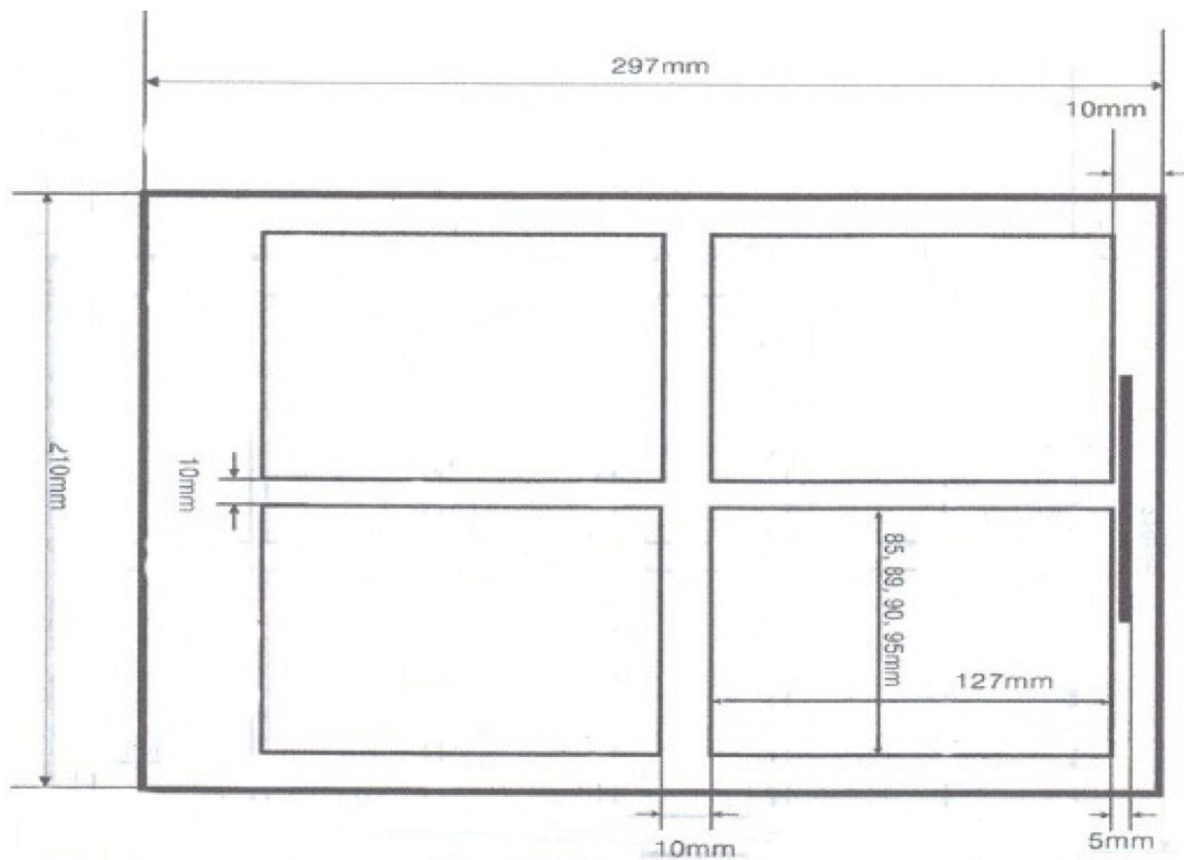
**Mode 1 - A4 85mm or 90 x 50mm**



**Mode 2 - A4 85mm or 90 x 54mm**

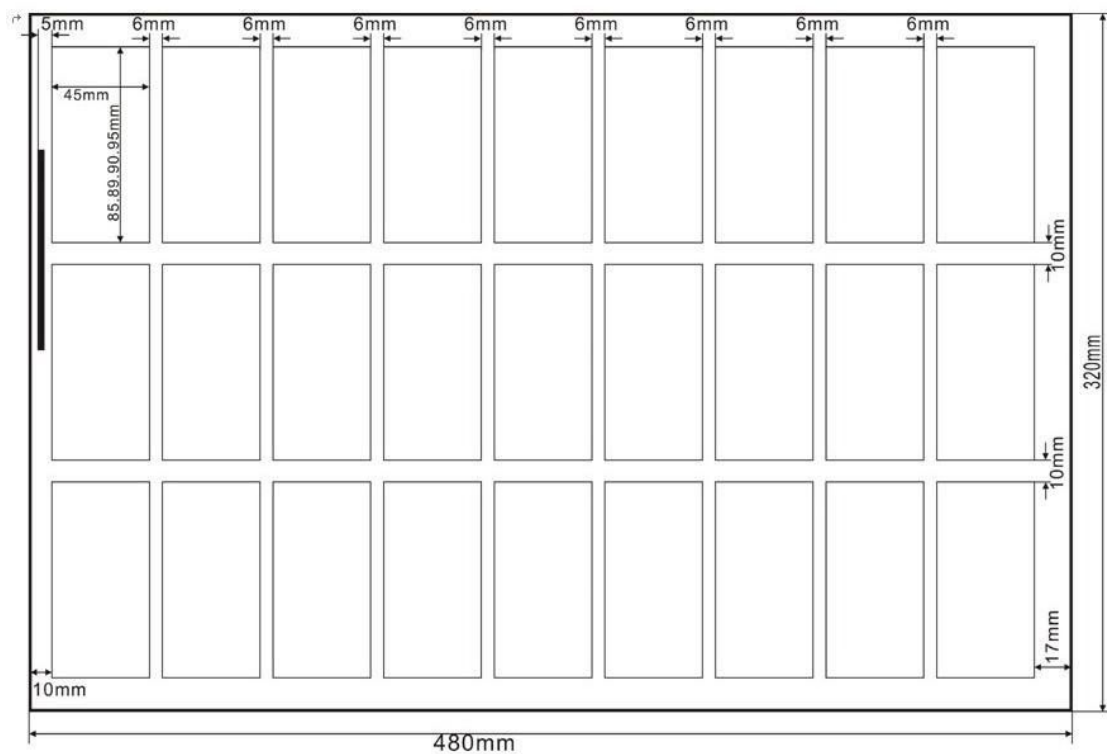


**Mode 3 - A4 85mm or 90 x 90mm**

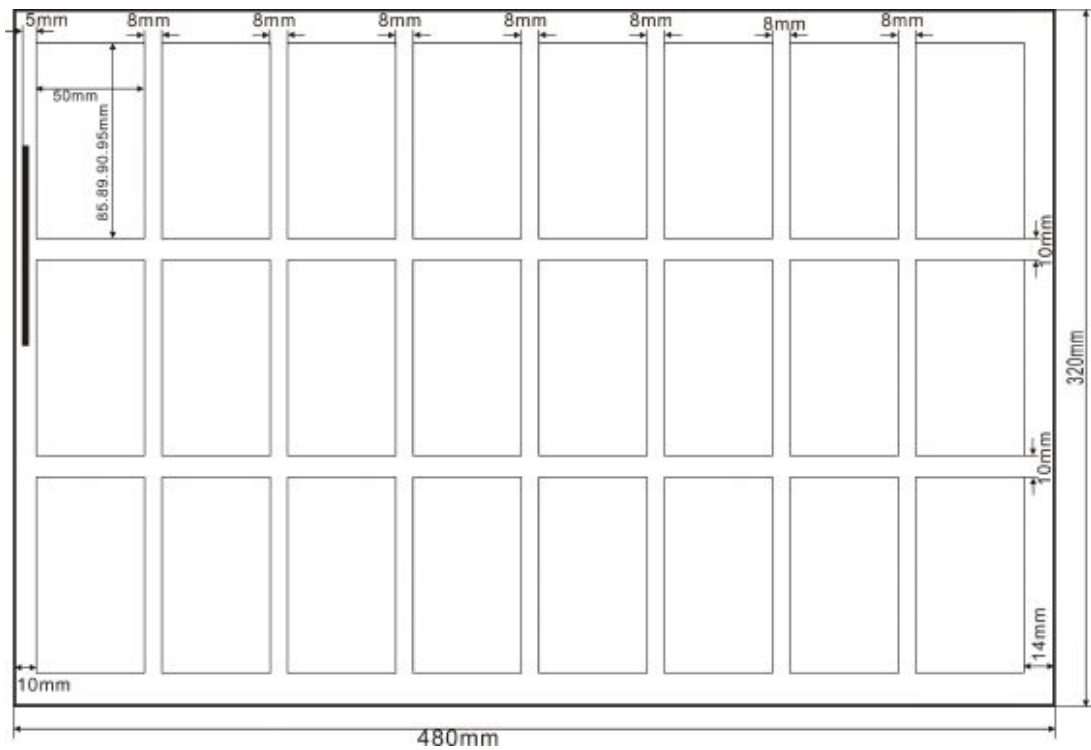


**Mode 4 - A4 85mm or 90 x 127mm**

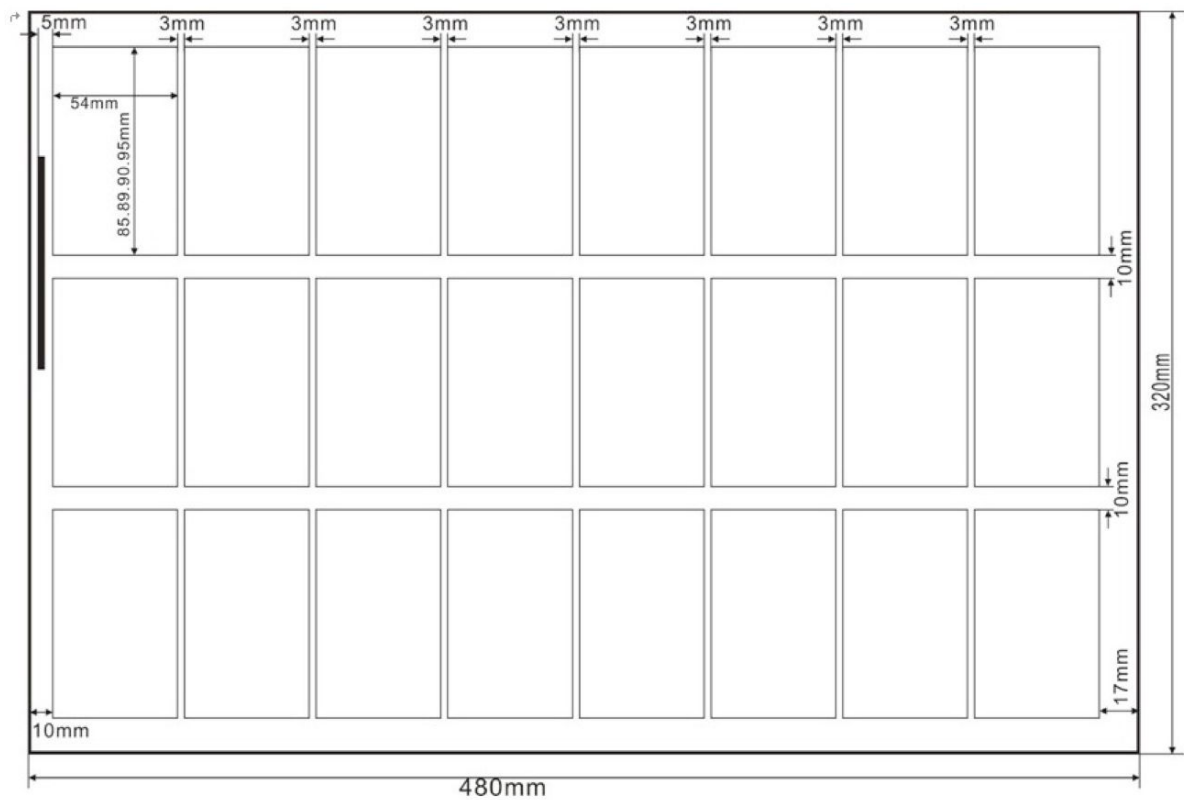
### CC30 - Templates in A3 and A3+



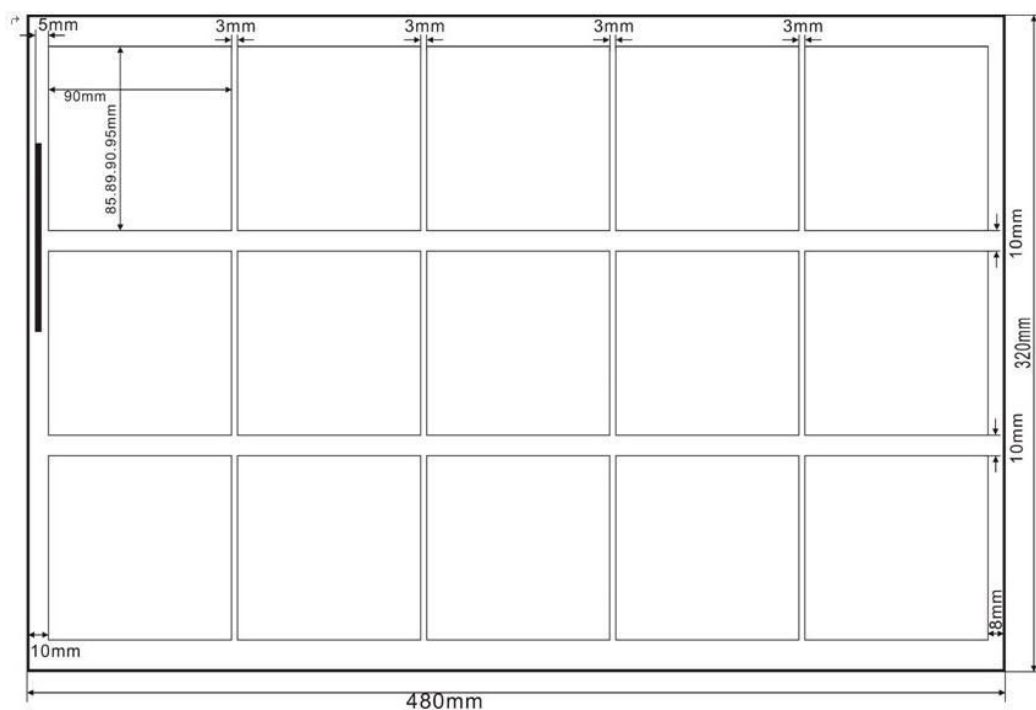
**Mode 0 - A3+ 85mm or 90 x 45mm**



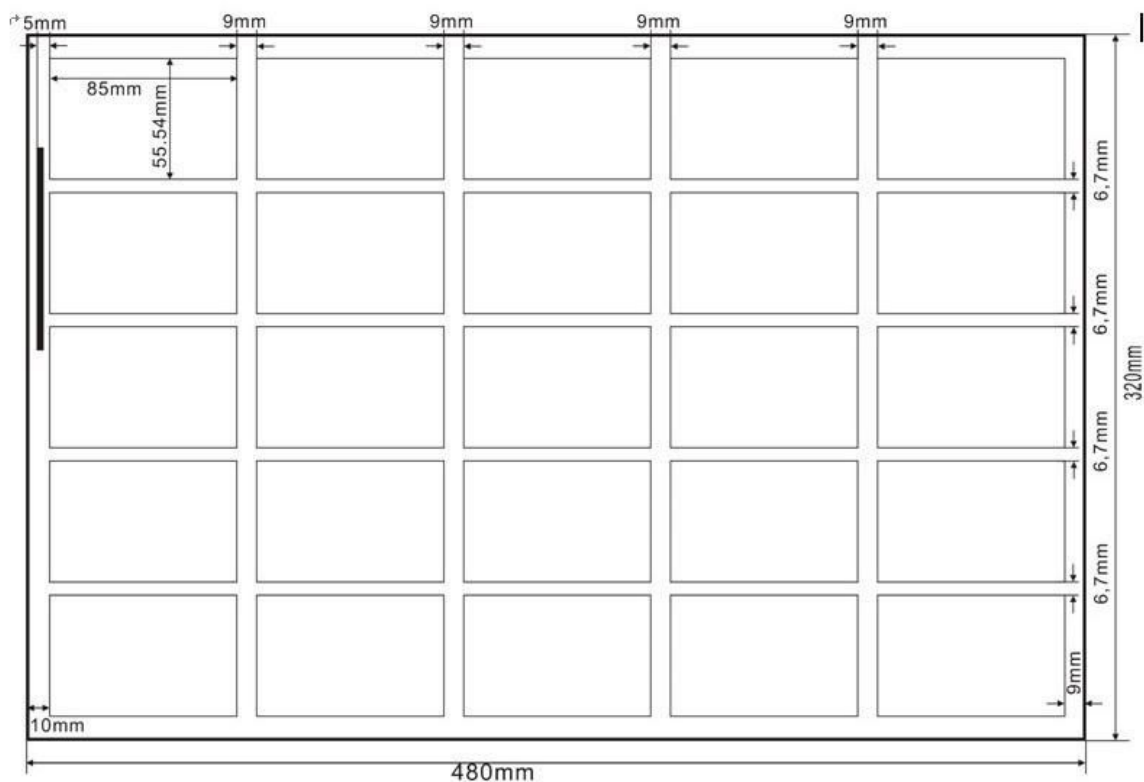
**Mode 1 - A3+ 85mm or 90 x 50mm**



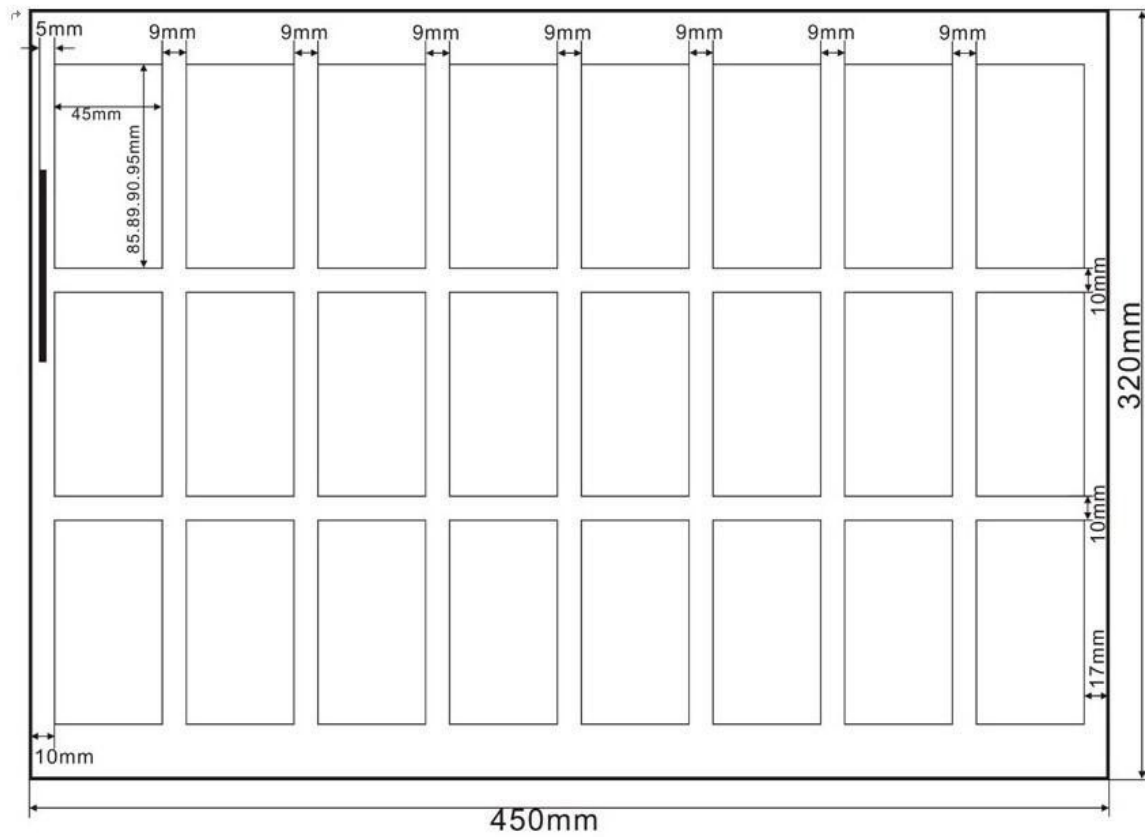
**Mode 2 - A3+ 85mm or 90 x 54mm**



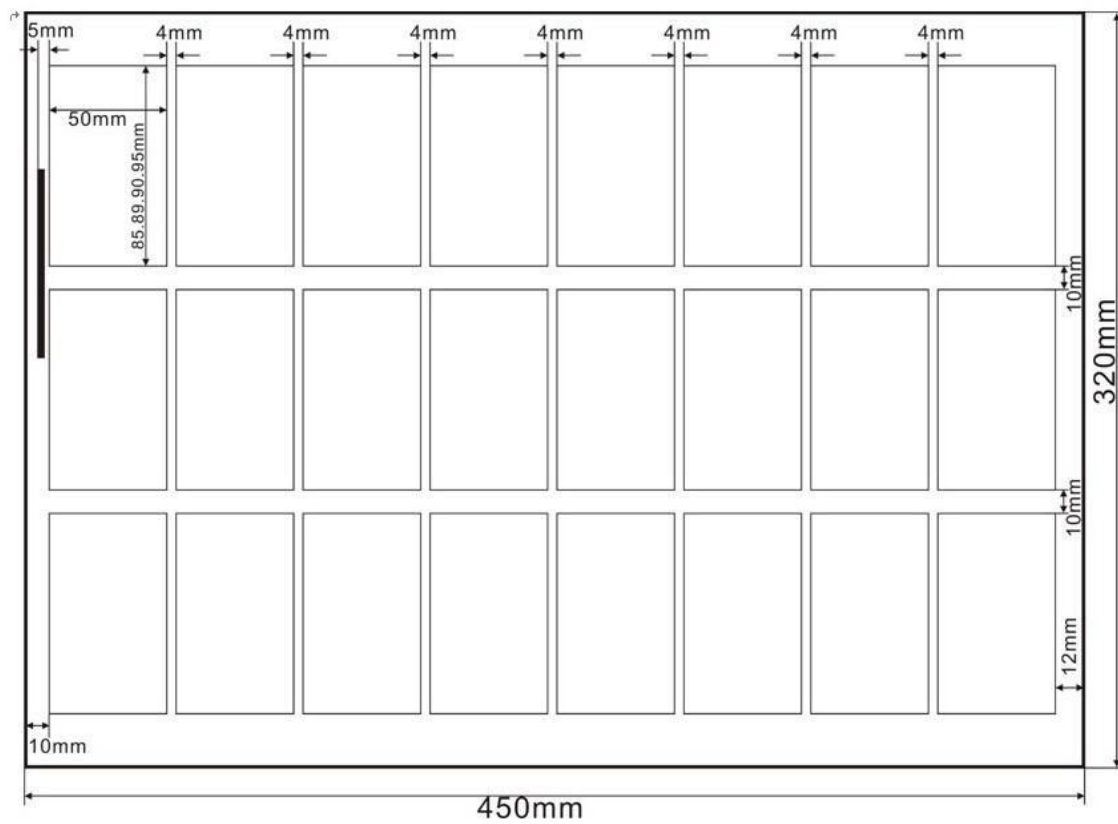
**Mode 3 - A3+ 85mm or 90 x 90mm**



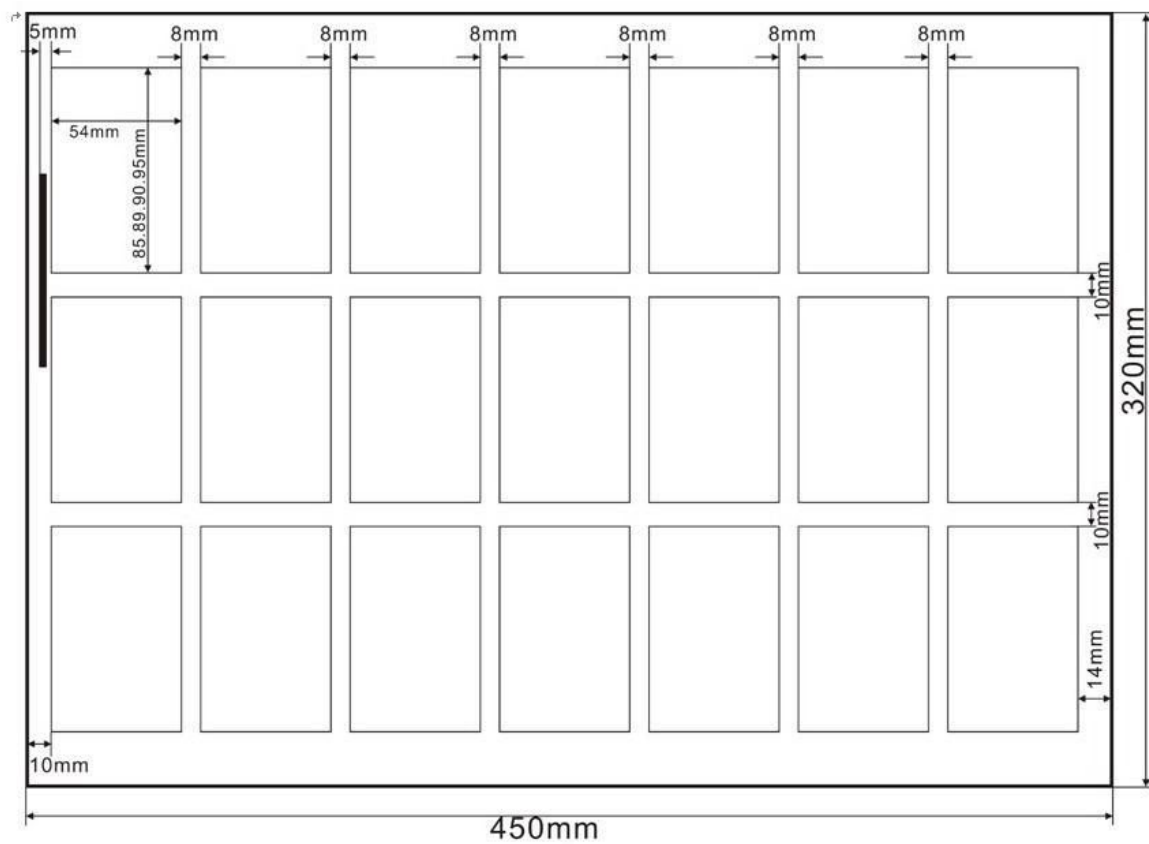
**Mode 3 - A3+ 85mm or 90 x 55mm**



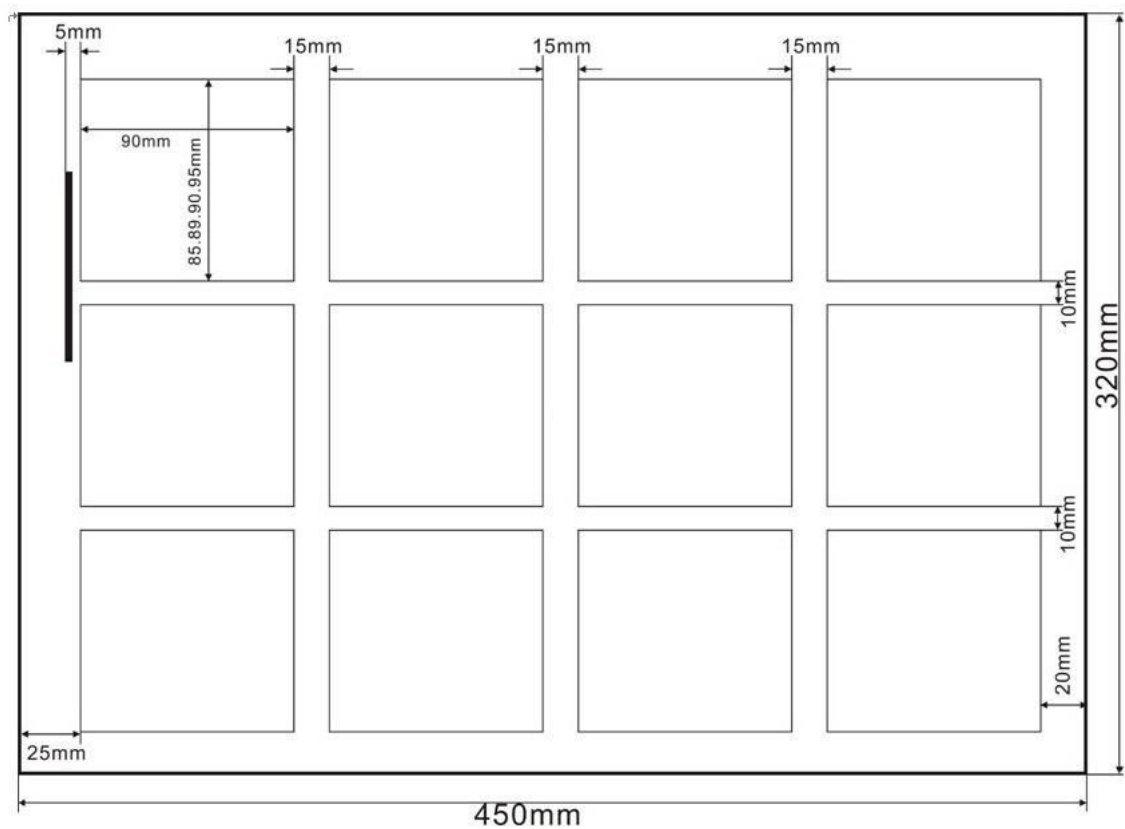
**Mode 0 - SRA3 85mm or 90 x 45mm**



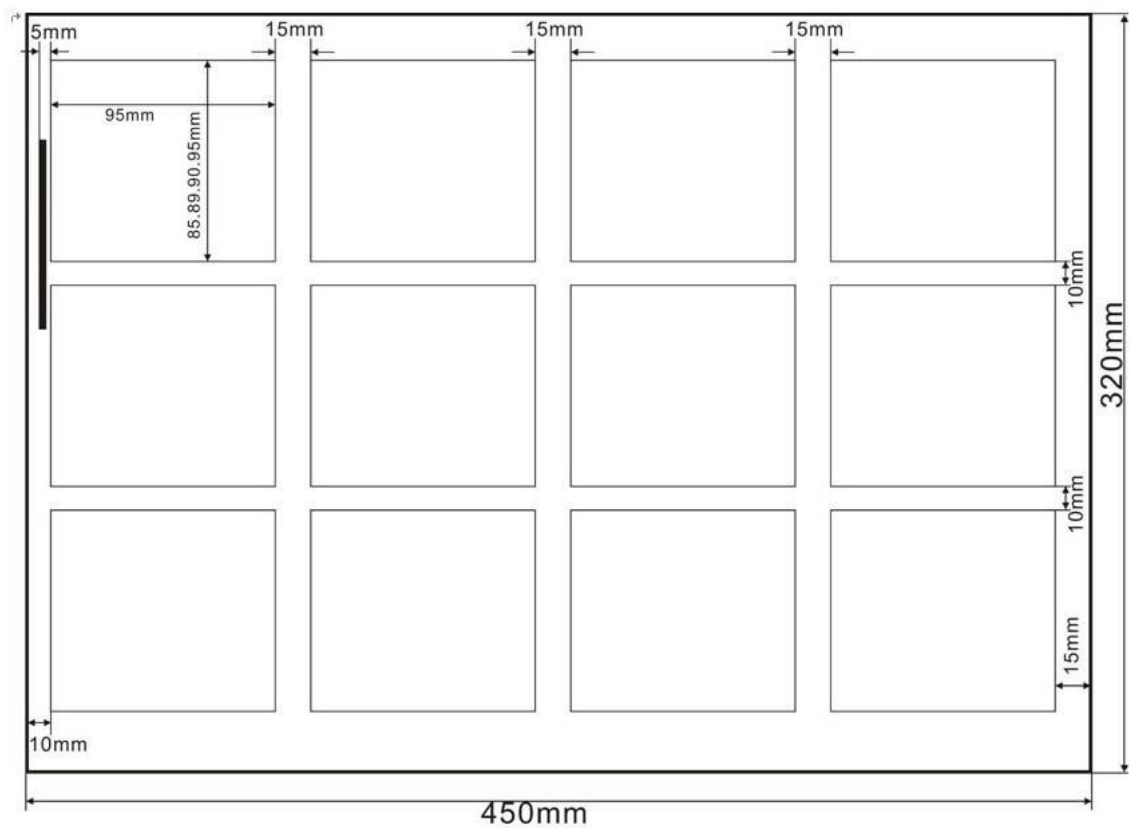
**Mode 1 - SRA3 85mm or 90 x 50mm**



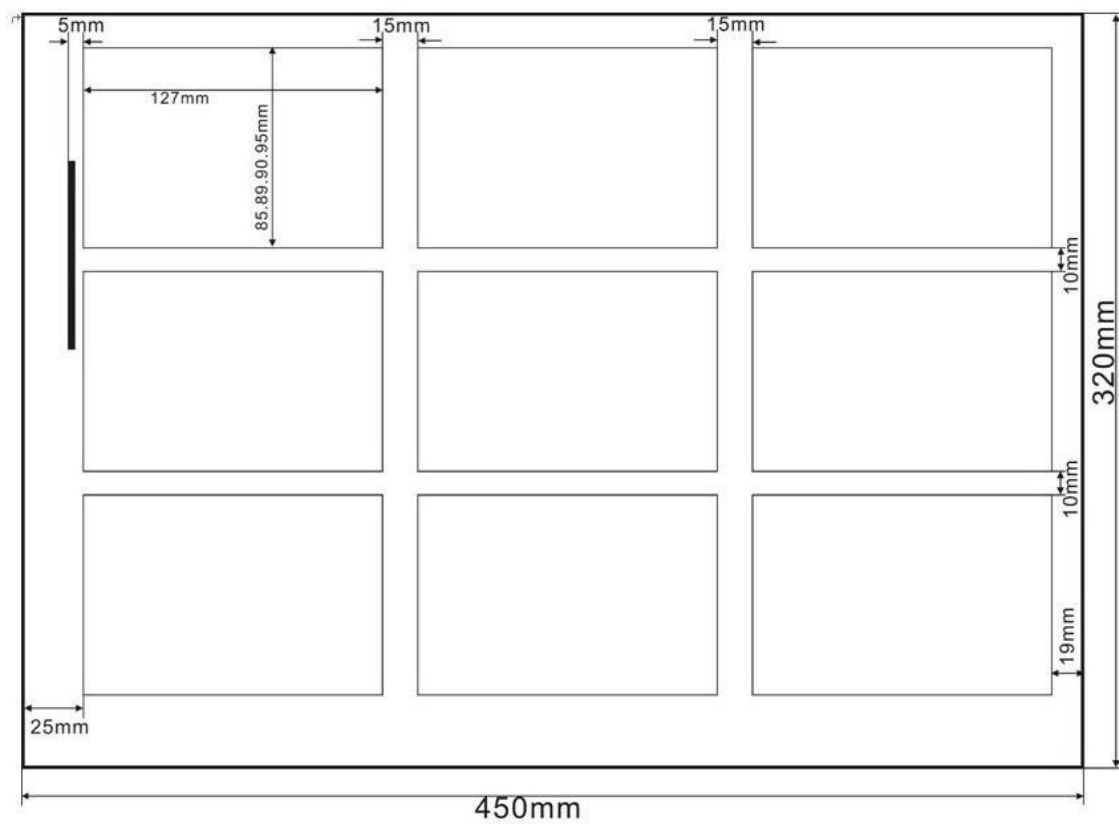
**Mode 2 - SRA3 85mm or 90 x 54mm**



**Mode 3 - SRA3 85mm or 90 x 90mm**

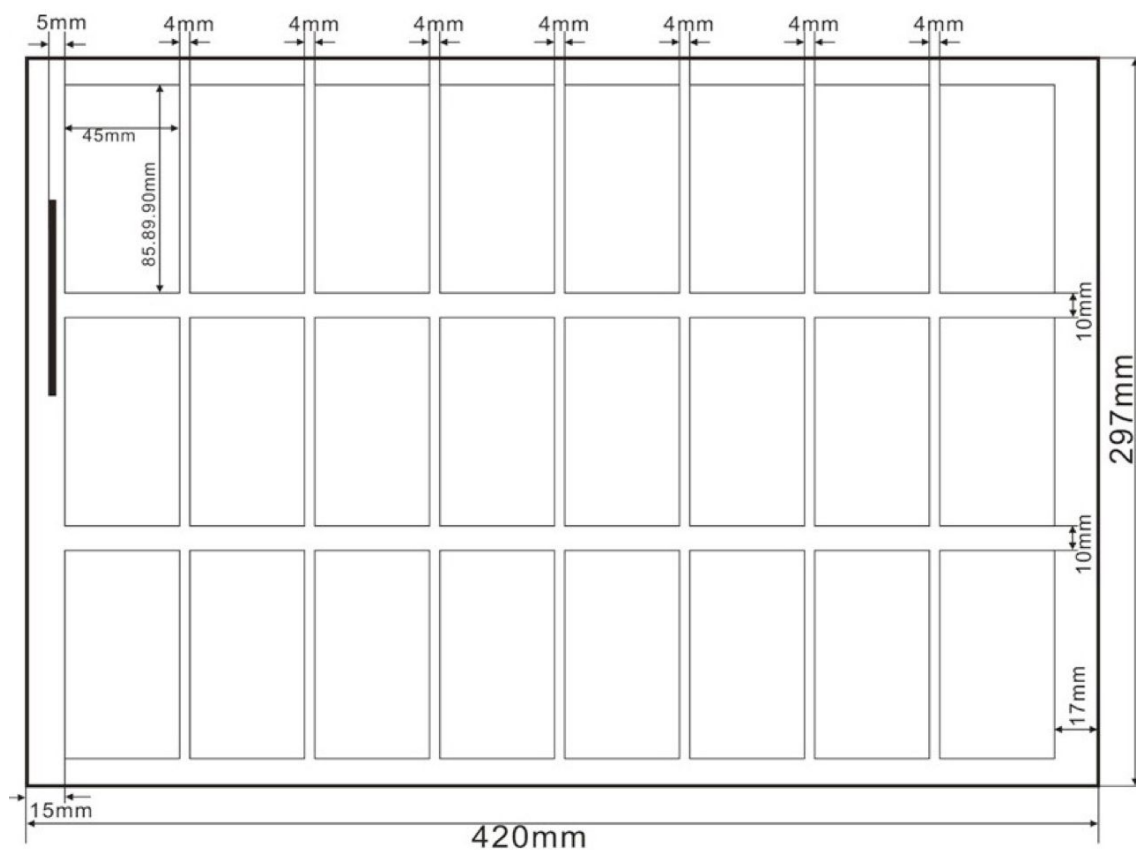


**Mode 4 - SRA3 85mm or 90 x 95mm**

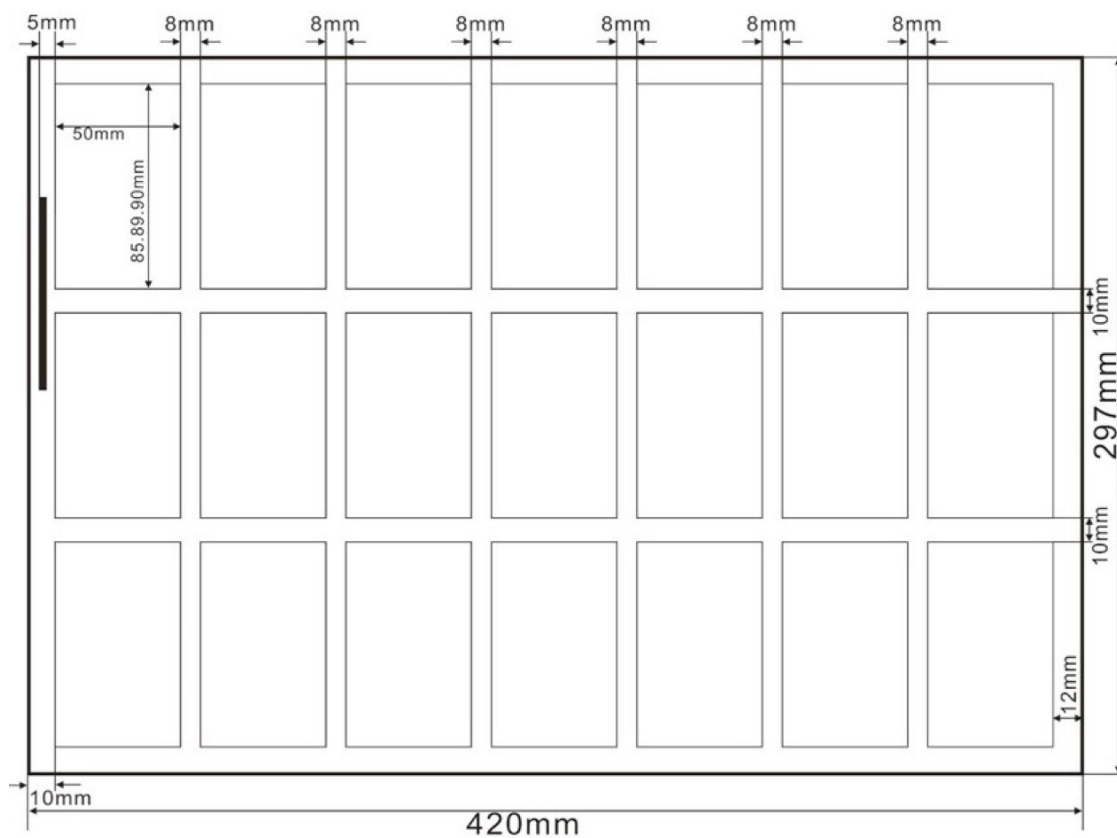




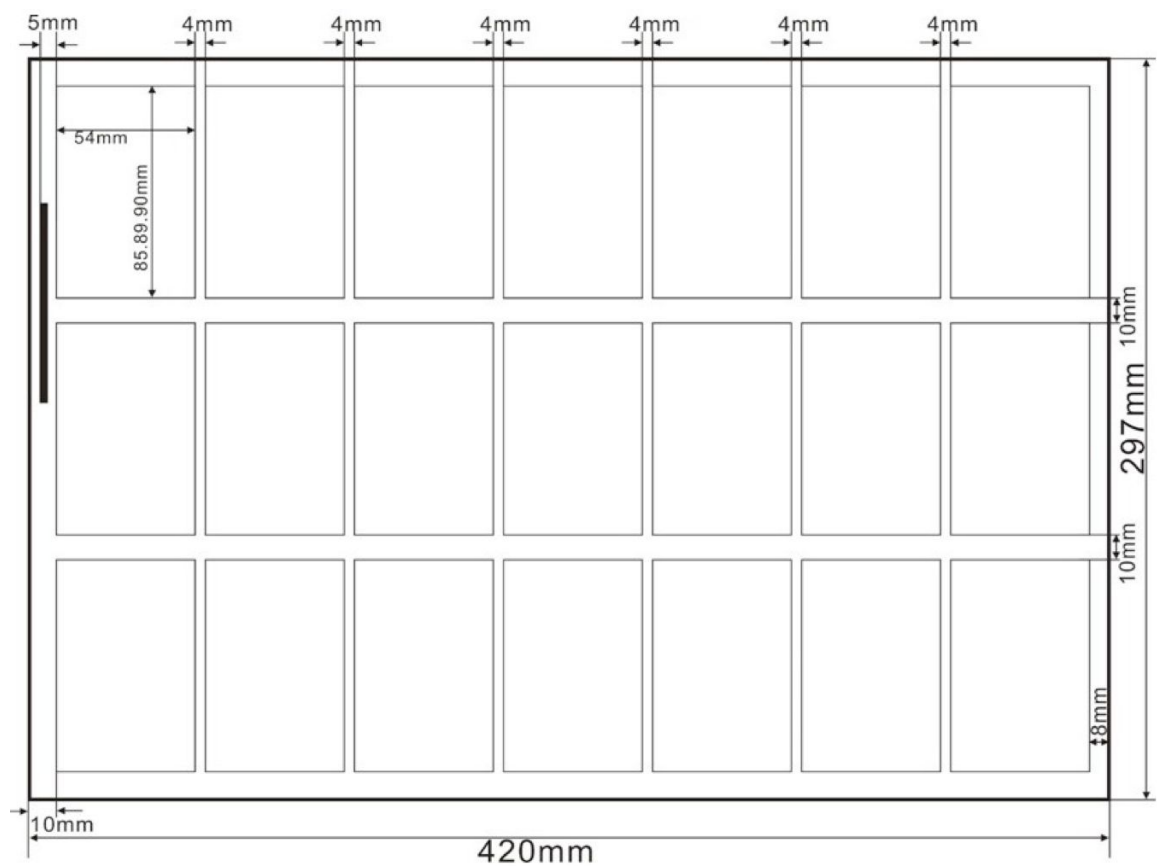
### Mode 5 - SRA3 85mm or 90 x 127mm



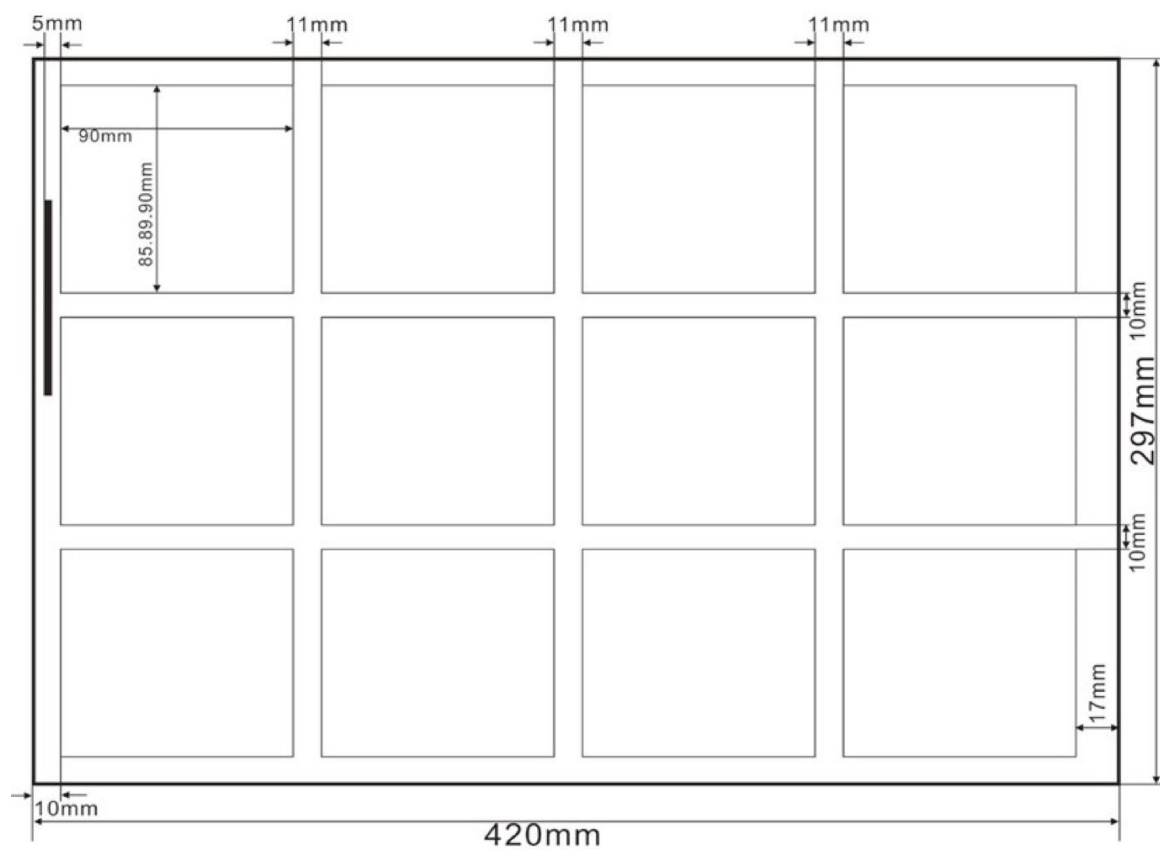
### Mode 0 - SRA3 85mm or 90 x 45mm



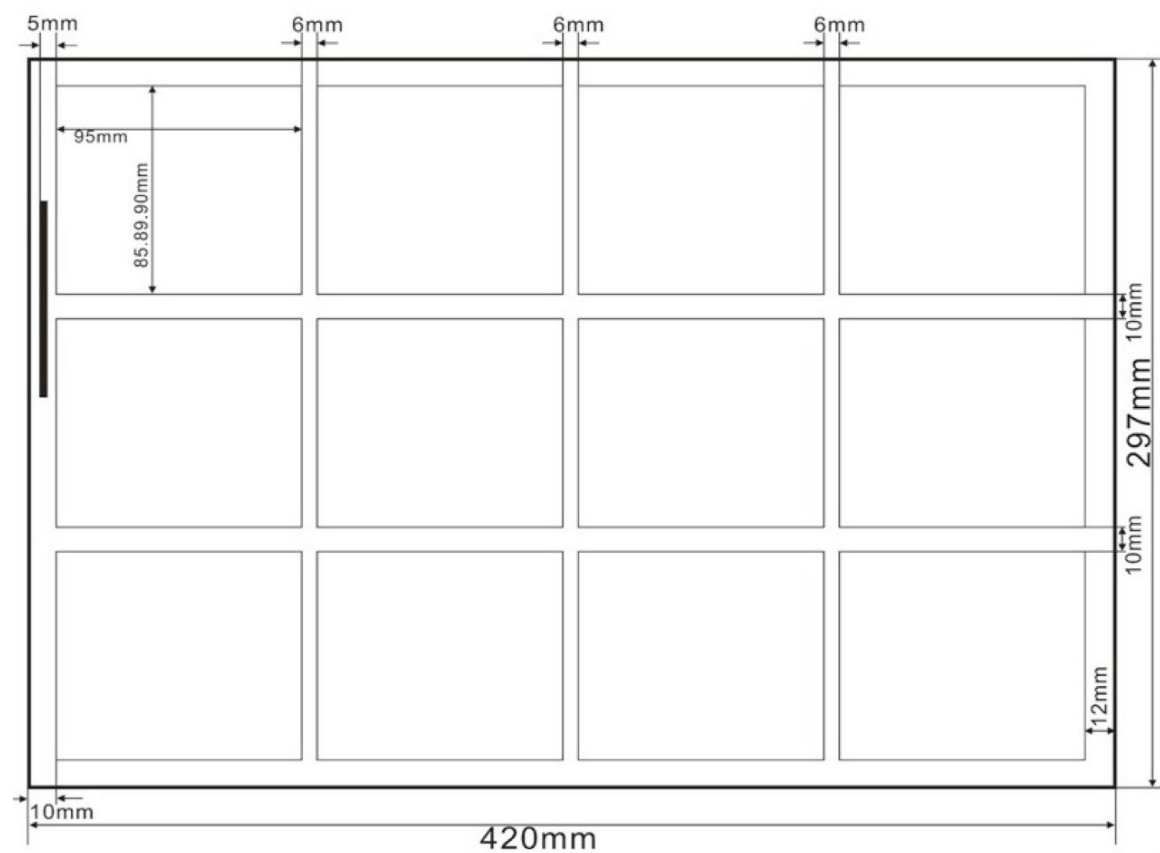
**Mode 1 - SRA3 85mm or 90 x 50mm**



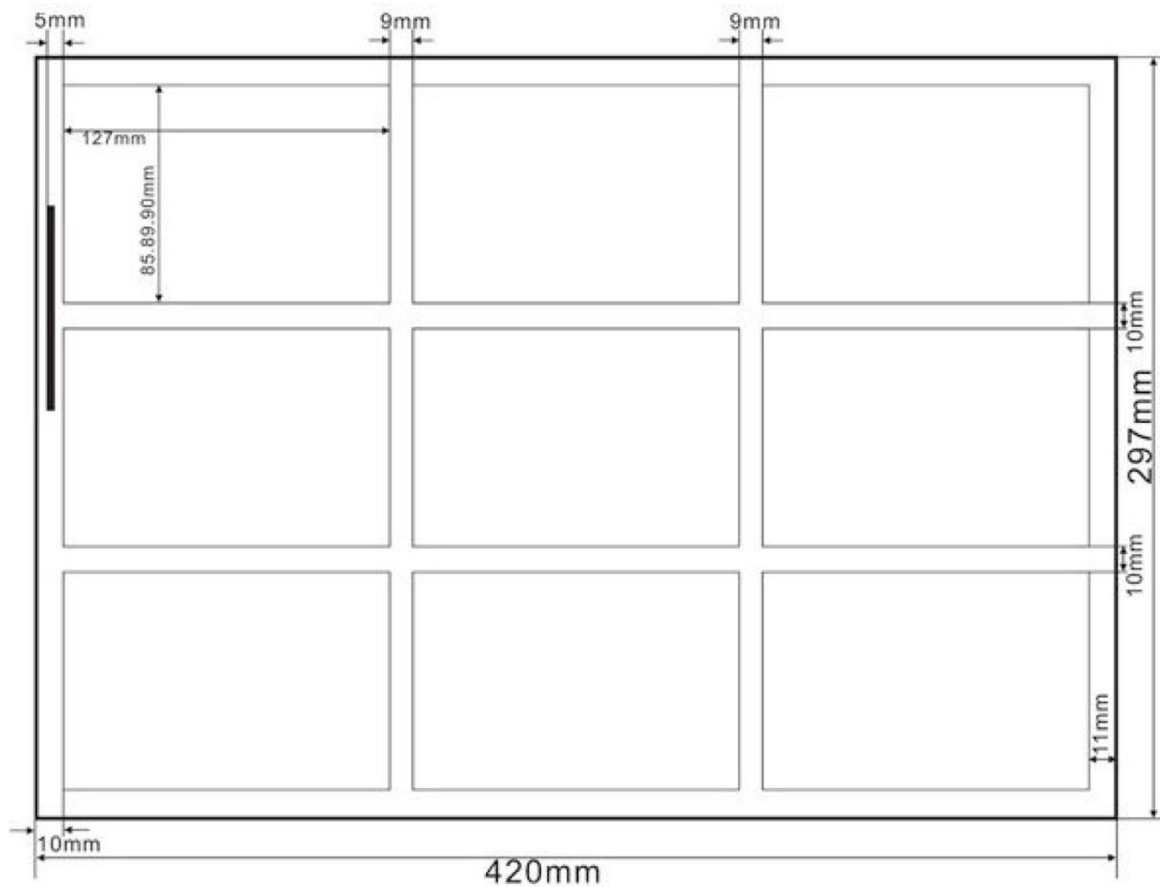
**Mode 2 - SRA3 85mm or 90 x 54mm**



**Mode 3 - SRA3 85mm or 90 x 90mm**

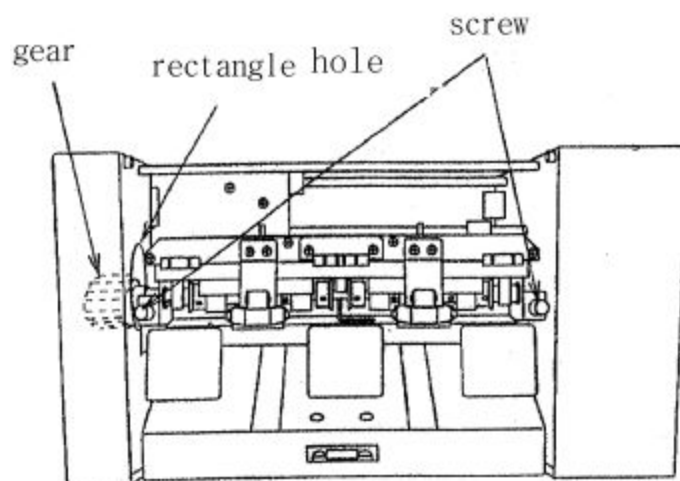


**Mode 4 - SRA3 85mm or 90 x 95mm**



**Mode 5 - SRA3 85mm or 90 x 127mm**

## Replacing the knife block



## Remove the cutting head

- Turn off the card cutter and disconnect the cable from the mains.
- Lift off the transparent cover hood.

- Loosen the three screws that hold the cutting head - one in the top center, and one each on the front left and front right.
- Carefully lift and remove the cutting head by lifting the right end a little higher than the left.

### **Install the cutting head**

- Insert the cutting head by reversing the previous steps, placing the white gear on the left into the hole provided for it. Make sure that the gear is gently snaps into place at the corresponding position.
- Replace the three screws and tighten them by hand.
- Put the cover hood back onto the card cutter.
- Plug the power cable back in and switch on the device.

## **Maintenance and cleaning**

All maintenance work must be carried out with the device switched off, no exceptions! First, remove the plug from the wall socket. Only perform maintenance work after consultation with our technical support team.

The card cutter should be cleaned regularly with a soft cloth and a mild household cleaner to remove adhesive residues, etc. Do not use scouring sponges, solvents or gasoline! The knife block and the inner workings beneath the cover should be carefully blown out with compressed air on a regular basis.

## Technical data

Card cutter	CC21	CC30
Type	Automatic business card cutter with replaceable knife blocks for A4	Automatic business card cutter with replaceable knife blocks for A3+
Max. media width	210mm	320mm
Max. media thickness	Paper with 400g/m <sup>2</sup>	Paper with 400g/m <sup>2</sup>
Control	Illuminated graphic display with push buttons	Illuminated graphic display with push buttons
Cutting speed	approx. 90 business cards per minute	approx. 120 business cards per minute
Cutting length	1mm to 600mm adjustable	1mm to 600mm adjustable
Feeder capacity	approx. 15 sheets	approx. 15 sheets
Power supply	230V / 50Hz - 60Hz, 0.5A	230V / 50Hz - 60Hz, 0.5A
Environment	-15°C - +40°C / 35% - 70% relative humidity	-15°C - +40°C / 35% - 70% relative humidity
Weight without packaging	15kg	20kg
Dimensions (W x H x D)	390mm x 260mm x 280mm	540mm x 260mm x 480mm

# Konformitätserklärung - Statement of Conformity

Hiermit erklären wir in alleiniger Verantwortung, dass das unter „Technische Daten“ genannte Produkt mit den Bestimmungen der folgenden EG-Richtlinien und Normen übereinstimmt:



We herewith declare under sole responsibility that the under „technical data“ mentioned product meet the provisions of the following EC Directives and Harmonized Standards:

EC directives / EC directives:

2006/95/EC Low Voltage Directive

2006/95/EC Low Voltage Directive

98/37/EC Directive on machinery (2006/42/EC from 29/12/2009)

98/37/EC Directive on machinery (from 2009-12-29: 2006/42/EC)

Standard / Standard:

EN 60204-1:2006

Technical documents at / Technical documents at:

Secabo GmbH, Hochstatt 6-8, 85283 Wolnzach, Germany

A handwritten signature in black ink, appearing to read 'Fabian Franke'.

Dipl. Ing. Fabian Franke

A handwritten signature in black ink, appearing to read 'Bernhard Schmidt'.

Dipl. Ing.(FH) Bernhard Schmidt