

Product instruction manual

Magnum MCC-35

MAGNUM®



The Magnum has been designed to be user friendly, however we strongly recommend you take a few minutes to read through this manual to ensure correct operation.

Keep this manual safe for future reference.

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Chapter 1 INTRODUCTION

1.1 Preface

This manual only applies to MCC-35.

Before using the machine, please read the instruction manual carefully first.

Please keep the manual properly so that consulting it at any time in the future.

Any question while operating please contact our technicians.

1.2 Specification

Item	Parameter	
Package Dimensions	Length*Width*Height (mm)	1330x570x980
Machine Dimensions	Length*Width*Height (mm)	670x630x1150
Net Weight		100kg
Package Weight		116kg
Power Input		AC220V,50/60Hz, 150W
Output Size	Max (W*L) (mm)	318×640
	Min (W*L) (mm)	55×48
Infeed Size	Max (W*L) (mm)	330×650
	Min (W*L) (mm)	210×210
	Thickness	150g~350g/0.15~0.35mm
	Paper Waviness	±3mm
Cutter	Max Qty for Cutter per Sheet	32
	Accuracy for Cutting	±0.2~0.4mm
	First Cut	3.2~15mm
	Last Cut	5~15mm
	Gutter Cut	3~15mm
Slit	Slitters	4
	Side Trim	3.2~38mm
	Gutter Slit	8mm
	Accuracy for Slitting	±0.3mm
Crease	Max Qty for Crease per Sheet	32
	Crease Depth Adjustment	Infinite Manual Adjustment
	Crease Direction	Both
	Crease Die Spec.	1.0mm
Perforator	Perforate Die Spec.	12TPI
Speed	A4 trimming 4 sides, crease in middle	20Sheets/min
Feeding	Middle Infeed	Hand Feed
User Template Storage		30
Register Mark		Y Direction only
Image Compensation		Y Direction Compensation Only

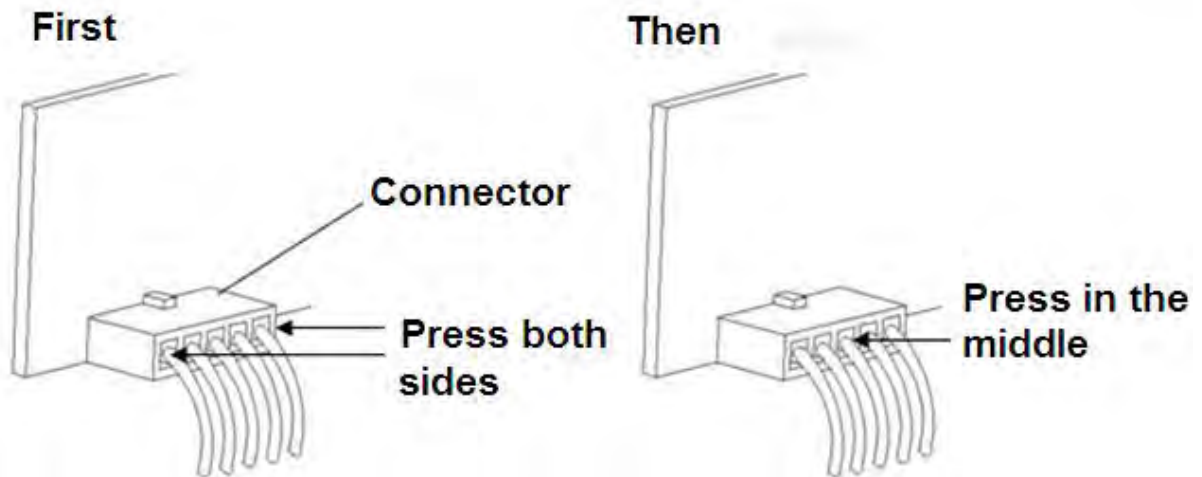
Note: The machine is keep upgrading, specification and information in this manual are updated as per the change without notice.

Chapter 2 SAFETY

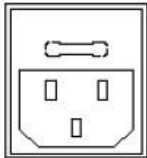
Please shut down the machine before the maintenance.

In order avoid any mistake when re-connecting wires back, we advise you to mark each connector before replace of any electrical component.

Mind that every connection should be firm, first hold both sides of the connector, and then, in the middle, not firm connection is possible to damage the electrical components.

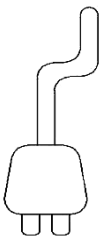


Power supply



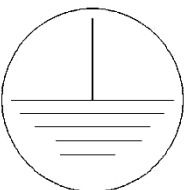
AC input, Voltage/Frequency is:
AC220V/50-60Hz.

! If the voltage or frequency are not in the range, the machine may not be used normally or even may



Power cord, Over 10A current is endurable

! 1. Do not remove the cord when the machine is running, illegal operation may cause component damage or machinery jam



Ground symbol. If you see this symbol in any place, please do not touch it anyhow, or uninstall it.

! If the ground is not well connected, it may cause human body injury.

2.1 Environment

Temperature: 10°C to 35°C

Humidity: 30% to 70%

Altitude: Below elevation 1000m

There is no corrosiveness gas, flammable gas, oil mist and so on in room

2.2 Do's and Don'ts



Do-Read this manual and fully understand before the operation.



Do-Check the *plug* and *machine voltage and frequency* to your main supply, and that the socket has a correct working earth lead for this single insulated machine



Douse at least a 10 amp power source at 220 V. (20Amp/100V).



Do make sure all safety covers are in place. The top covers have an interlock switch which will disable the unit if removed



Do open or close the cover slowly



Do contact the local maintenance center before you are about to move the machine.



Do disconnect the power before clean the inner side.



Do unplug the cord if you won't use the machine for a long while,



Do be careful of the blade edge



Don't install the machine on an unstable ground.



Don't operating with wet hand, especially plug or unplug the cord.



Don't wear long hair, loose fitting clothes or put your fingers into the creasing unit nip, while the operation..



Don't place any receptacles with any liquid on any surface of machine.



Don't-put other pieces, especially tiny pieces on loading table.



Don't-alter or uninstall the machine, unless by *Vivid Laminating Technologies Ltd* authorized engineer.



Don't touch any running parts while running



Don't shut down the machine while running.



Don't put heavy matter on machine or shock it.



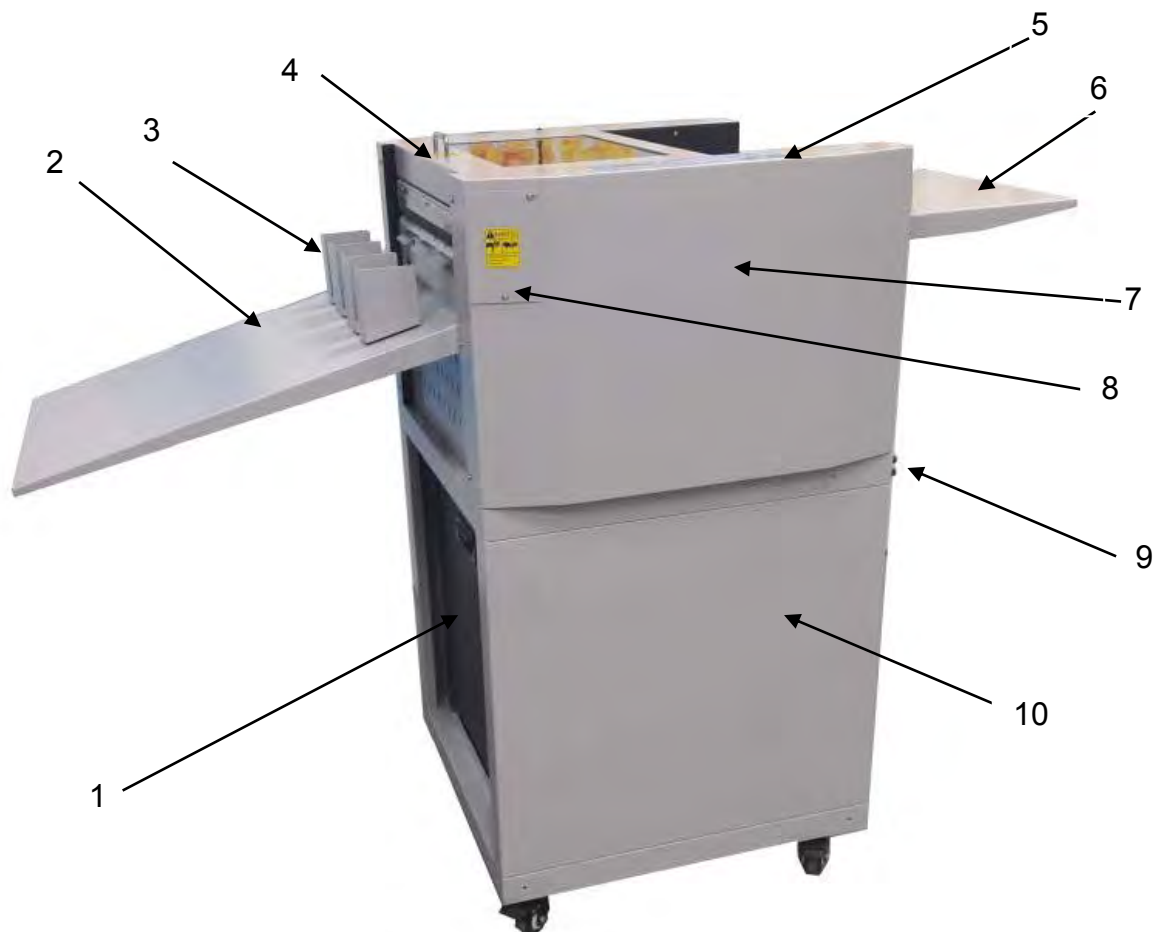
Don't put the side guide under the feeding system.

2.3 Cautions

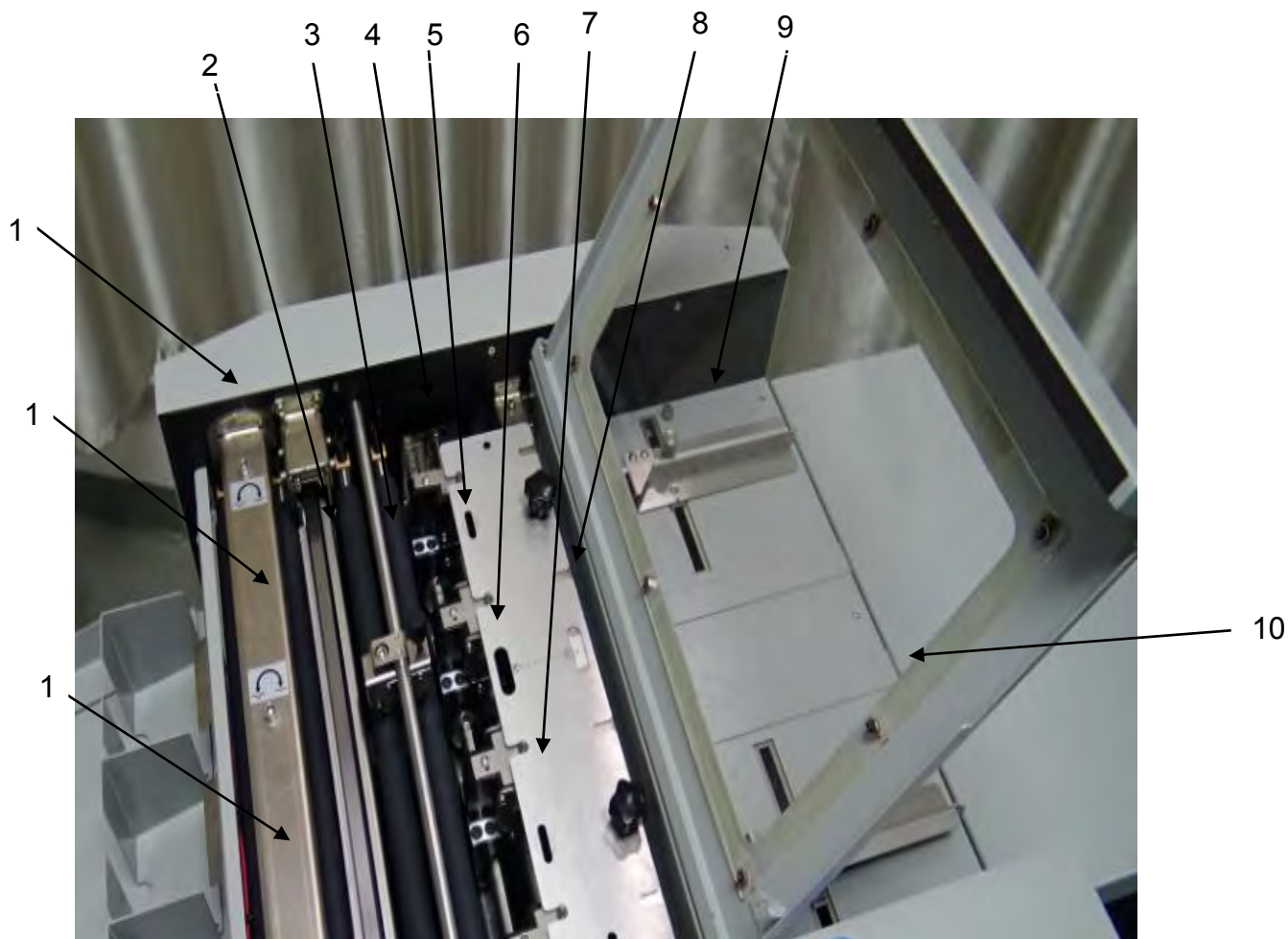
Be careful of any metal or flammable thing in internal machine, or it may cause fire or electronic shock. If it happens, first shut down the power, disconnect the cord, and then contact the technician.

If machine becomes heat, smoke, or smelly, shut down at once, disconnecting the cord, and contact the maintenance staff.

Chapter 3 MAIN PARTS & ASSIES



No.	Description	Remark
1	Waste Box	Collect Waste Paper
2	Outfeed Tray	Collecting finished Bigger Cards or Sheets
3	Card Collector	Collect finished business card
4	Top Cover	Protection
5	Key Pad	Operate the machine
6	Loading Table	Loading Paper
7	Machine Body	Machine main working part
8	Side Cover	Interchange the crease die or perforate die
9	Tools Storage	Place the idle crease die or perforate die
10	Stand	Place the waste box.



No.	Description	Remark
1	Crease Depth Adjust Screw	Clockwise adjust to shallow; anticlockwise adjust to deep
2	Cross Cutter	Cut paper in cross direction
3	Lag wheel Set	Adjust the roller pressure
4	Slitter #1	Slit the side edge of paper
5	Slitter #2	Slit with fixed gutter, gutter is 8 mm or 3/8 inch
6	Slitter #3	lit with fixed gutter, gutter is 8 mm or 3/8 inch
7	Slitter #4	Slit the other side edge of paper
8	Gauge Plate	Fixing all the slitters distance. (Standard is 85mm and 90mm or 3.5inch and 5.5 inch)
9	Right Side Guide	Deflect paper feeding
10	Left Side Guide	Deflect paper feeding

Chapter 4 INSTALLATION

4.1 Open Package and Check

Check if there is any obvious damage while receiving the cargo.

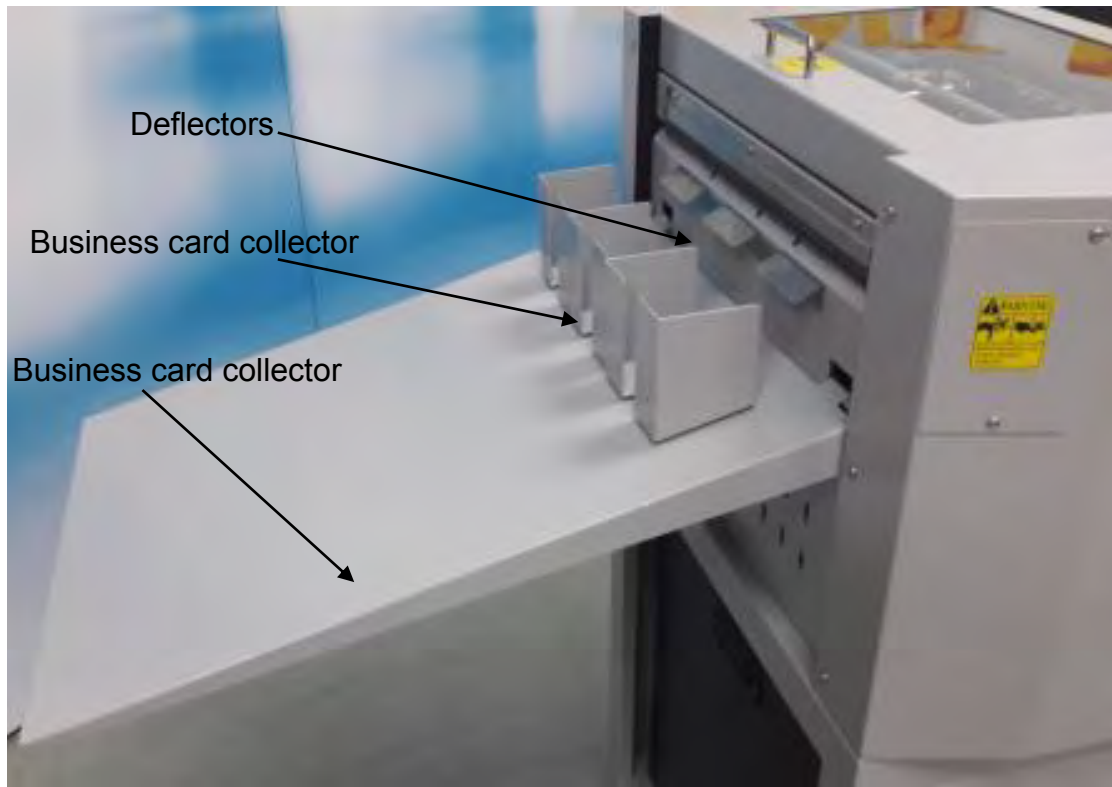
1. If yes, open the package to check if there is any damage on the machine and take photos for each step when the logistics worker is there which are evidences for later communications.
2. If no, open the package to check if there is any part missing broken according to package list. If yes, take pictures and contact us for the parts.



4.2 Parts Installation

4.2.1 Outfeed Part

Hang the outfeed tray onto machine and place the business card collector on the proper position. As well as the deflector



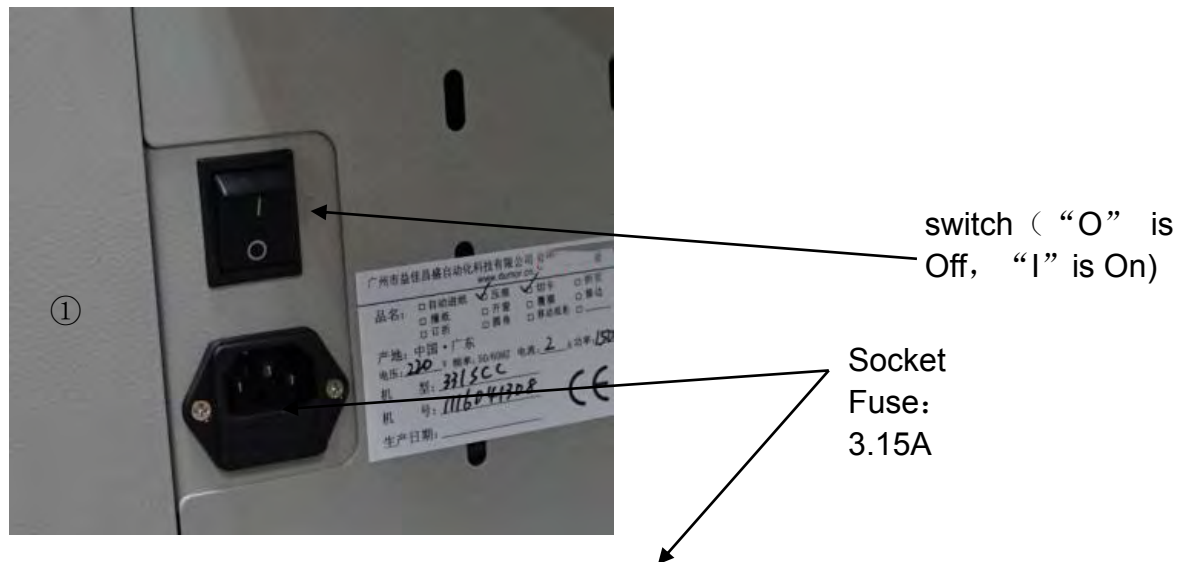
4.2.2 Extension Table Installation

Fix the extension table as per following picture:



4.2.3 Power Socket and Switch

AC input, Voltage/Frequency is:
AC220V/50-60Hz.

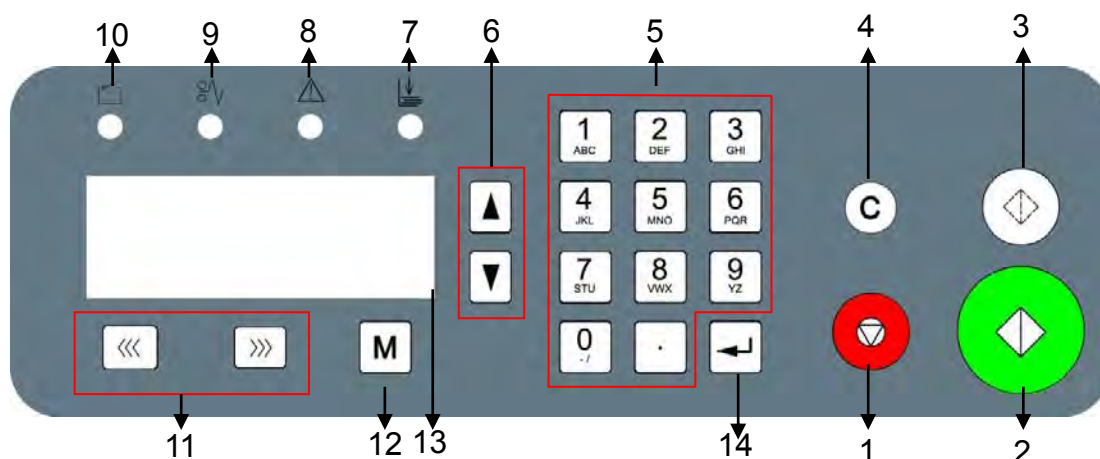


Cautions: Don't operate machine with wet hand.

Chapter 5 OPERATION

5.1 Key Panel Introduction

The control panel consists of keys and screen, as per following picture.



No	Key	Description
1	STOP	Stop the machine.
2	START	Run the machine.
3	TEST	Machine will stop after one sheet
4	CLEAR	Clear the data or clear the error display
5	NUMBERS	Input data
6	SCROLL	Turn the page
7	INDICATOR-NO PAPER	"C-4 No paper or Infeed Jam", but it's unavailable for this machine. No C-4 warning.
8	INDICATOR-MOTOR ERROR	If the crease motor locks, it lightens and returns an error report "E-1 CR Motor Error"
9	INDICATOR-PAPER JAMMED	If the paper is jammed inside the machine, it lights and returns an error report. "C-2 Jam at infeed" or "C-3 Jam at outfeed"
10	INDICATOR-SAFETY COVER	If the safety cover is not well setting, it lightens and returns an error report. "C-1 CR cover open"
11	FORWARD/REVERSE INCREASE/DECREASE	When paper jams, press them to move rollers, so that the paper can be easily cleared. Or increase/decrease the parameters for image compensation
12	MODE	Change the modes
13	SCREEN	Display information.
14	ENTER	After the data input, press it to confirm.

5.2 Quick Start

1. Turn on machine.
2. Press Mode Key to recall a template or create a template referred to **5.3.4** according to the printing job.
3. Put paper in the tray, adjust the side guides according to the paper properly, referred to **5.4.1**.
4. Fit tray and card collector as per finished piece.
5. Press **Test** Key to run one for checking if feeding is skewed and cards are good.
6. If skewed, adjust the side guides referred to **5.4.2**. If feeding is ok, but finished pieces are not ok.
7. Use the compensation function to make cards ok referred to **7.6**.
8. All above are finished, input the preset qty value (such as 5) and press **Start** to run the job.
9. Keep feeding by hand and machine will stop after running 5 sheets or just press **Stop** key to stop machine.
10. Take the cards out from the card collector.

5.3 Screen Introduction

5.3.1 Welcome Screen

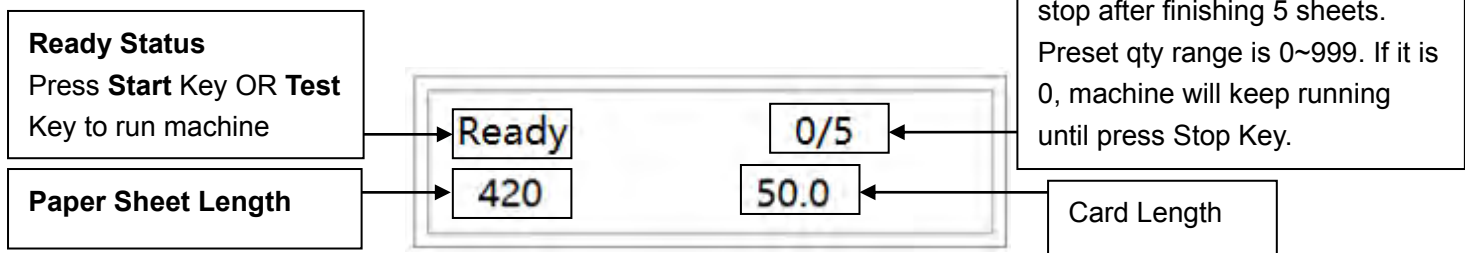
Turn on machine, the screen will show a welcome message, then enter Ready Screen.

HELLO!

5.3.2 Ready Screen

Scan all information of the Ready Screen by pressing **Page Down** Key . The information mainly is divided into 5 kinds except the main ready screen: Cut data, crease data, total sheets, crease & cut qty, software version & serial number.

5.3.2.1 Main Ready Screen



5.3.2.2 Cut Data Screen

Scan all the 32 cut data from 1 to 32 by pressing **Page Down** Key . There are 8 Screens for it.

1) 10.0	2) 60.0
3) 68.0	4) 118.0

29) 0	30) 0
31) 0	32) 0

5.3.2.3 Crease Data Screen

Scan all the 32 crease data from 1 to 32 by pressing **Page Down** Key .

There are 8 Screens for it.

1) 0	2) 0
3) 0	4) 0

29) 0	30) 0
31) 0	32) 0

5.3.2.4 Total Sheets Screen

Machine has finished 123 sheets up to now which is exclusive of those jammed when machine shows Warning or Error.

Sheet: 123

5.3.2.5 Total Crease & Cut QTY Screen

Machine has cut for 456 times up to now.	<table border="1"> <tbody> <tr> <td>Crease: 123</td> <td>Machine has creased for 123 times up to now.</td> </tr> <tr> <td>Cut: 456</td> <td></td> </tr> </tbody> </table>	Crease: 123	Machine has creased for 123 times up to now.	Cut: 456	
Crease: 123	Machine has creased for 123 times up to now.				
Cut: 456					

5.3.2.6 Software Version & Serial Number

Machine Serial Number	<table border="1"> <tbody> <tr> <td>Ver: 1.00</td> <td>Machine Software Version</td> </tr> <tr> <td>SN: 123456789</td> <td></td> </tr> </tbody> </table>	Ver: 1.00	Machine Software Version	SN: 123456789	
Ver: 1.00	Machine Software Version				
SN: 123456789					

Note: As for the Warranty and Maintenance, the following information is essential: **Machine S/N, Software Version, Total Cut & Crease QTY** and

Total Sheets. Namely, press **Page Up** Key  for 3 times from main ready screen.

5.3.3 Mode Introduction

Press **Mode** Key  to shift different Mode Screen. Press **Stop** Key to go back **Ready** screen directly when just pressing **Mode** Key  without any changes.

5.3.3.1 Recall Factory Template

Press **Mode** Key  once to enter factory template screen. Press **Page Up** Key  or **Page Down** Key  to scan all factory templates. And then press **Enter** Key  to select template and take effect. There are 16 templates for selection.



Different templates need different gauge.

Gauge Spec.	Factory Template	
85/90 mm	A3-90*48	SRA3-85*210
	A3-90*54	SRA3-85*210-C1
	A3-90*50	SRA3-90*210
	SRA3-90*48	SRA3-90*210-C1
	SRA3-90*50	SRA3-A3-C1
	SRA3-90*54	SRA3-A3-C2
3.5/5 inch	DIG-3.5*2	DIG-3.5*5
	DIG-3.5*8	DIG-5*8

5.3.3.2 Set Paper Length

Input the paper sheet length: 210~650mm.

Input Length
420.0

5.3.3.3 Register Mark Function

Open/close register mark function. 1 is on; 2 is off (**referred to 5.3.5**).
The default state is off. When restart machine, it will remember the latest available state.

REG. Mark
1 = On 2 = Off*

5.3.3.4 Smart Input Screen

Smart input is a quick job creating function. And it is a step by step guiding setting for this (**Referred to 5.3.4**).

Smart Input
Trim : 0

5.3.3.5 Set Cut Data

Input the cut data. Input value and press **Enter** Key  to take effect.
Max qty is 32.

Input Cut Data
1)10.0 2) 60.0

5.3.3.6 Input Crease Data Screen

Input the crease data. Input value and press **Enter** Key  to take effect. Max qty is 32.

Input CR Data	
1) 0	2) 0

5.3.3.7 Set Shrink/Stretch Ratio

The function is aimed to settle image shrink/stretch caused by printing.

Press **Increase** Key  to increase the ratio by 0.1% or press **Decrease** Key  to decrease the ratio by 0.1%. And press **Enter** to take effect

INC/DEC Ratio
100.0%

5.3.3.8 Horizontal Shift Screen

The function is aimed to settle image shift caused by printing.

Press **Increase** Key  to increase the value by 0.1mm or press **Decrease** Key  to decrease the value by 0.1mm. And press **Enter** to take effect

Horizontal Shift
0 mm

5.3.3.9 Card Length Offset Screen

The function is aimed to settle issue that all the true cards sizes are different

from theory card size and the difference is the same.

Press **Decrease** Key  to decrease the value by 0.1mm or press **Increase** Key  to increase the value by 0.1mm. And press **Enter** to take effect

Card L Offset
0 mm

5.3.3.10 Gutter Offset Screen

Press **Decrease** Key  to decrease the value by 0.1mm or press **Increase** Key  to increase the value by 0.1mm. And press **Enter** to take effect.

Gutter Offset
0 mm

Note: All the Image compensation functions 5.3.3.7~5.3.3.10 range is limited by **First Cut** (3.2~15mm), **Gutter Cut** (3~15mm) and **Last Cut** (5~15mm).

5.3.3.11 Recall Job Screen

Recall the user saved template. Input 1~30 and press **Enter** to take effect.

Recall Job
Job No. 1

5.3.3.12 Save Job Screen

Save the user template by inputting value 1~30 as file name. The max storage is 30 templates.

Save	Job
Job	No.1

5.3.3.13 Speed Screen

Select the speed mode of machine. 1 is low speed; 2 is high speed. And press **Enter** to take effect.

The default state is low. When restart machine, the speed is low.

Speed
1 = Low* 2 = High

5.3.3.14 Crease + Slit Screen

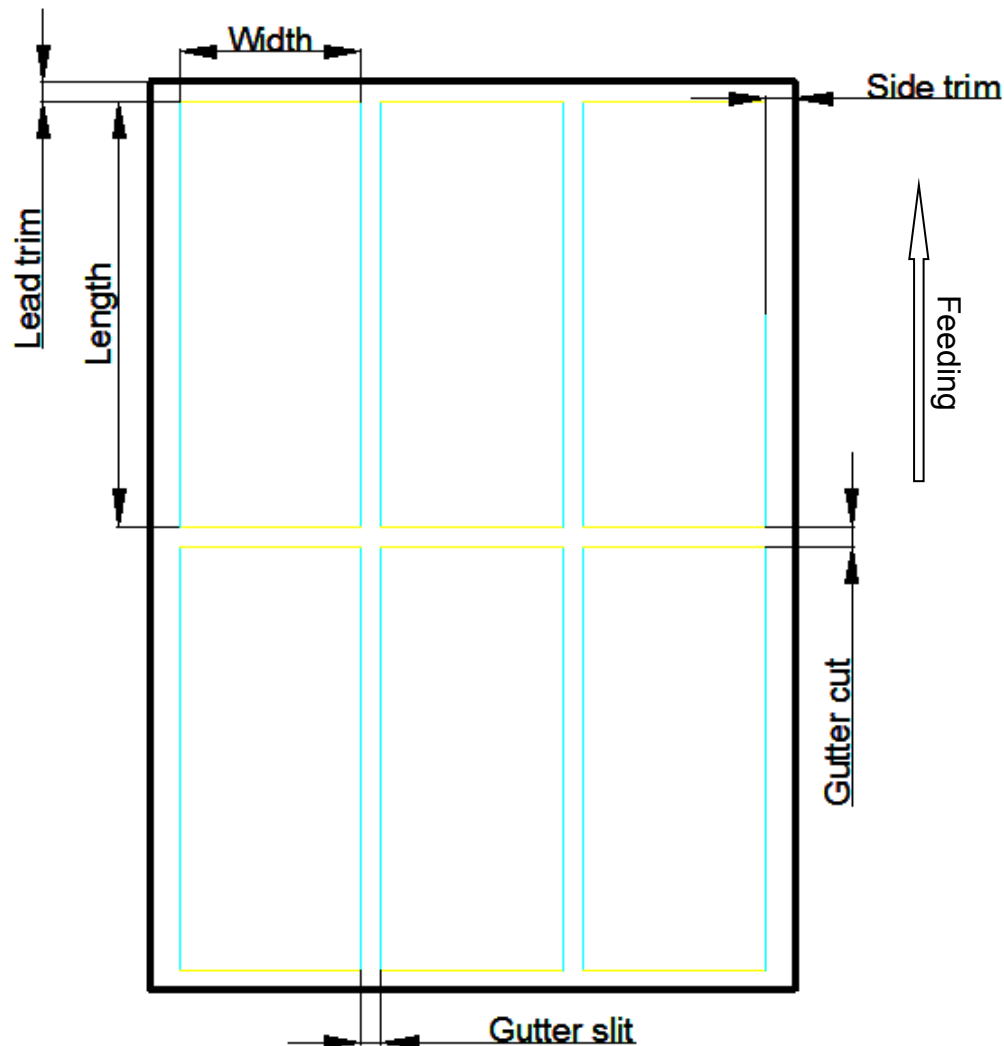
This functions to select if the slit drive motor works or not when running template without slitting. 1 is on; 2 is off. And press **Enter** to take effect.

The default state is off. When restart machine, the function is off.

Crease + Slit
1 = On 2 = Off*

5.3.4 Smart Input Mode

5.3.4.1 Introduction of the sheet data:



Example:

Card size: 90mmx200mm, Paper size: SAR3, thickness: 300gsm.

Crease in the middle.

Lead trim: 30mm; Gutter cut: 10mm.

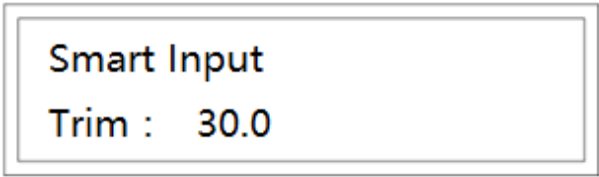
Since 331SCC is middle feed type, so side trim is the same. And the Gutter slit is fixed 8mm. The card width is also manual adjusted.

So the parameters for creating a job are: **Lead Trim**, **Card Length**, **Gutter Cut** and **Crease** data.

5.3.4.2 Create A Job With Smart Input:

5.3.4.2.1 Input Lead Trim

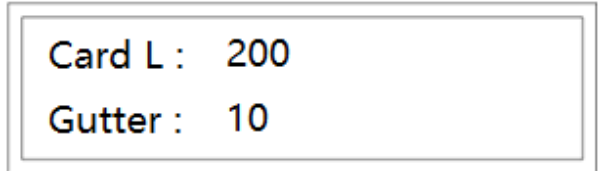
Press **Mode** Key  for 4 times to enter Smart Input. Input value 30 and press **Enter** to confirm, and then go to the Card Length & Gutter Screen. The Trim range is 3.2~48. Since the first cut range is 3.2~15, the lead trim will be divided into some cuts which is in the range from 3.2 to 15. The lead trim 30 will be divided into two cuts 15 wide.



Smart Input
Trim : 30.0

5.3.4.2.2 Input Card Length & Gutter

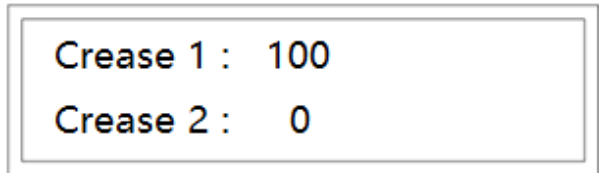
Input value 200 and press **Enter** to confirm.
Input value 10 and press **Enter** to confirm.
The Gutter Cut range is 3~15.



Card L : 200
Gutter : 10

5.3.4.2.3 Input Crease Data

The crease data is based on the finished cards rather than the lead edge of paper sheet. Crease in the middle and card length is 200, so input value 100 and press **Enter** to confirm. The max crease in smart input mode is 4 lines. When crease 2 is 0, the next screen (crease 3 and crease 4) will not appear.



Crease 1 : 100
Crease 2 : 0

Crease 3 : 0
Crease 4 : 0

Press **Enter** to take effect. And machine will go back to the Ready screen.

Press **Page** down Key  to scan the cut data and crease data.

1) 15.0 2) 30.0
3) 230.0 4) 240.0

Lead trim is 30, divided into 2 cuts.

5) 440.0 6) 0
7) 0 8) 0

1) 230.0 2) 340.0
3) 0 4) 0

Crease Data.

5.3.4.2.4 Tail Trim Error

Since the last cut range is 5~15, if the tail (last cut) is out of the range, it will show Tail Trim Err. Press any key returning to Ready screen.

Tail Trim Err
Any Key Return

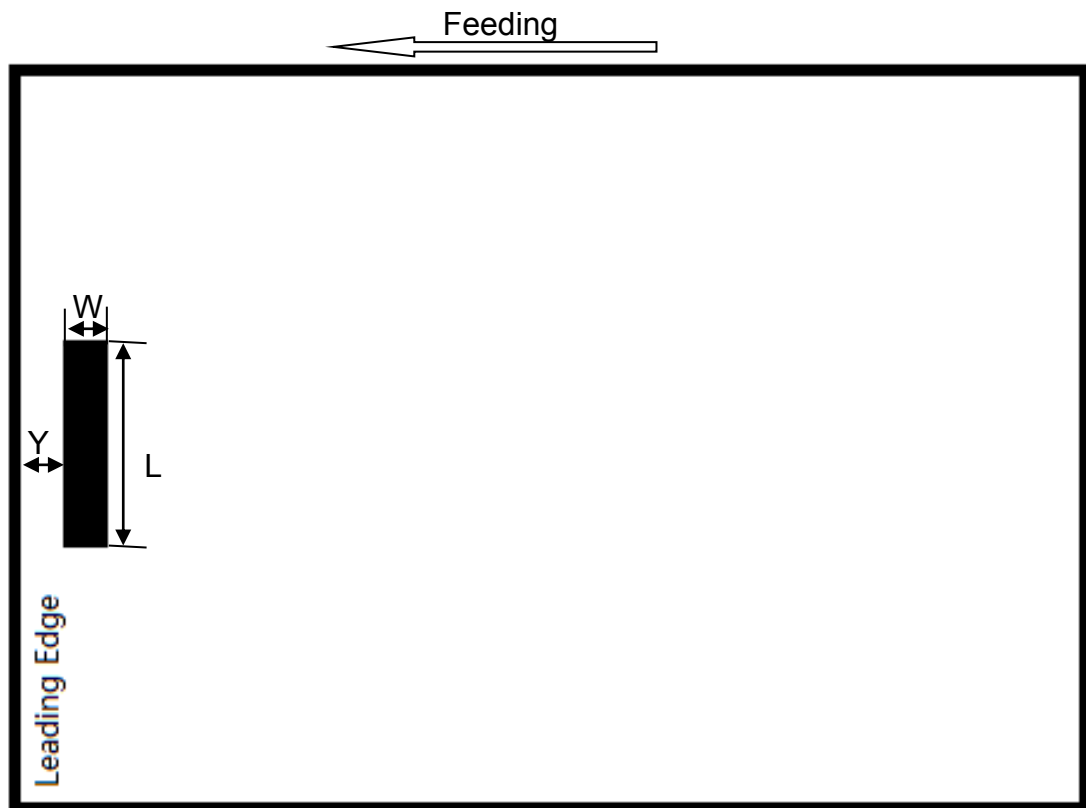
5.3.5 Register Mark Setting

The register mark is much better for machine to position the images since that the register mark and images relative position is the same which could get rid of the shift caused by printing.

5.3.5.1 How to Create a Register Mark?

Since the feed type of 331SCC is middle feeding type. The register mark

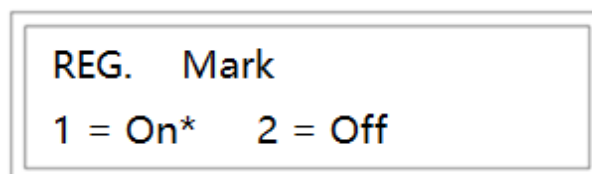
(black area) should be in the middle and near the leading edge. The Mark register only work if it is in right size and right place.



1. Reg cut mark (Y) distance should be between 3~15 mm from leading edge.
2. The black mark itself should be more than 3*12 ($L \geq 12\text{mm}$, $W \geq 3\text{mm}$)
3. All area above the mark should be blank, because other color may affect the mark reader.
4. The register mark reference point is the top edge of the mark.

5.3.5.2 How to use a Register Mark?

1. Press **Mode** Key  for 3 times to enter Register Mark Screen. Input value 1 and press **Enter** to confirm. Then turn to the register Distance Setting Screen.



3. Register Mark Setting. Input the distance value of mark top edge to the

leading edge of the sheet. Such as if distance in the printing template is 4, input 4 and press **Enter** to confirm. Then it will enter the next screen Smart Input Screen.

Set REG. Mark

Distance : 4

Smart Input

Trim : 0

If no need to create a job, just press **Stop** to go back to Ready Screen.

Ready ■ ← 0/0

420.0 50.0

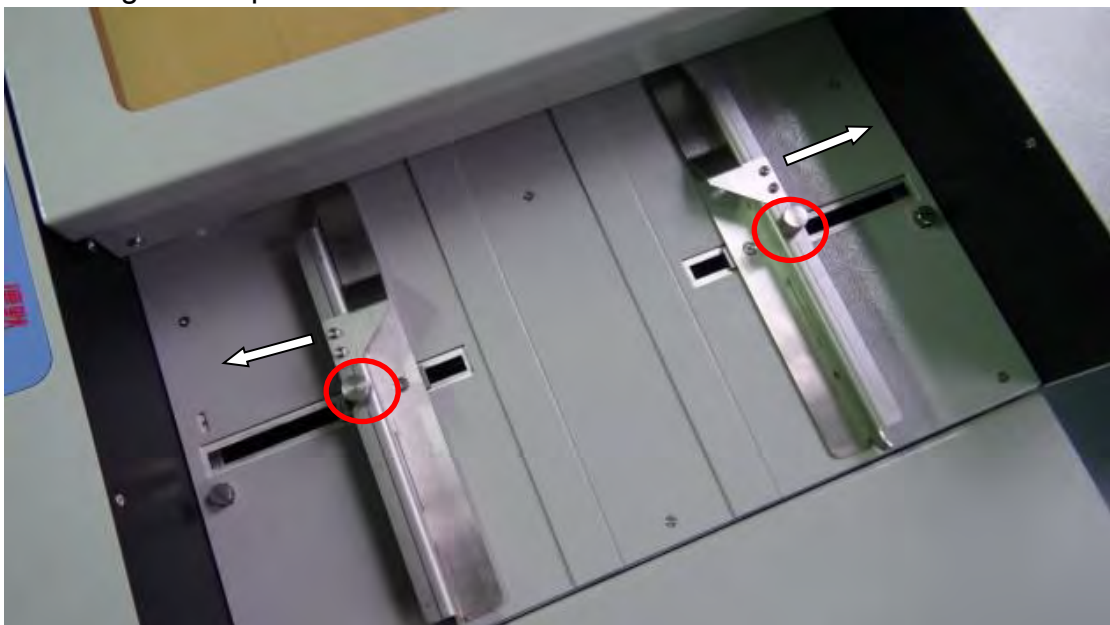
Register Mark Function is Open.

Note: The Register Mark is **only** used for user template rather than factory template.

5.4 Hardware Setting

5.4.1 Side Guide Setting

1. Release the two screws circled in red as per following picture. And move the side guide as per the arrow direction.



2. Place 3-5 sheets on the table and move back side guide to keep the paper

making sure the sheets could move freely in feeding direction but not move in the side guide moving direction.



5.4.2 Skew Adjustment

1. If side guide position is ok, the feeding is skewed. Release the two screws circled in red as per following picture making sure the screws can move freely in the hole.



2. Move the screw as per arrow direction in following picture. Move as per the

ruler little by little to get the right feeding angle.

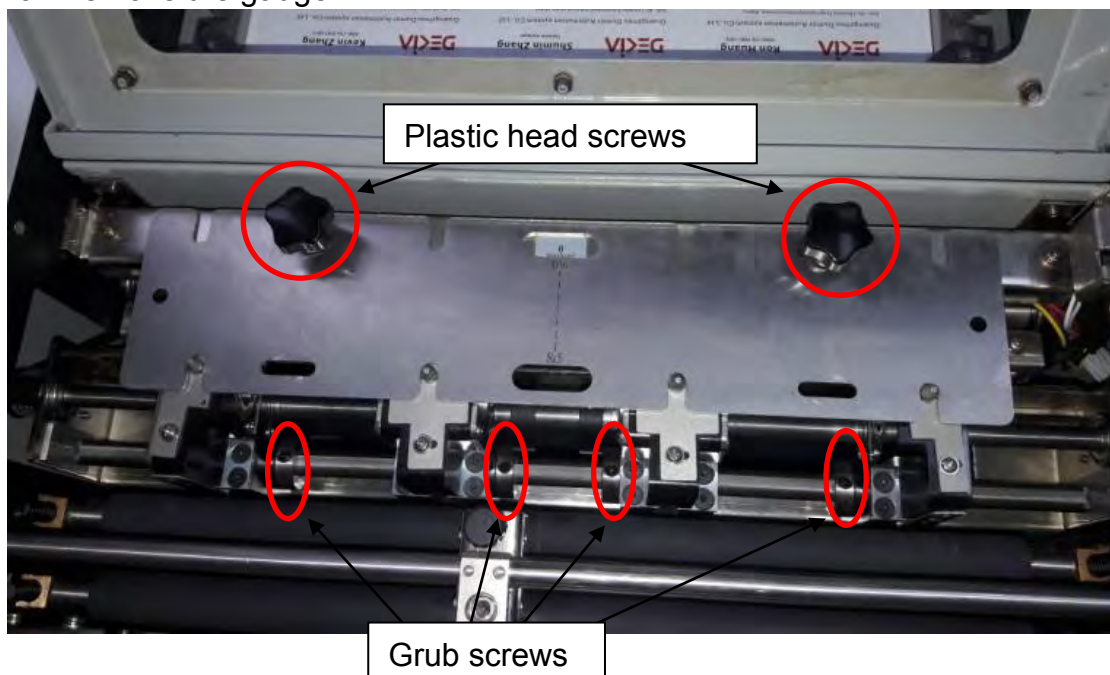


5.4.3 Slitters Setting

5.4.3.1 Remove the Gauge

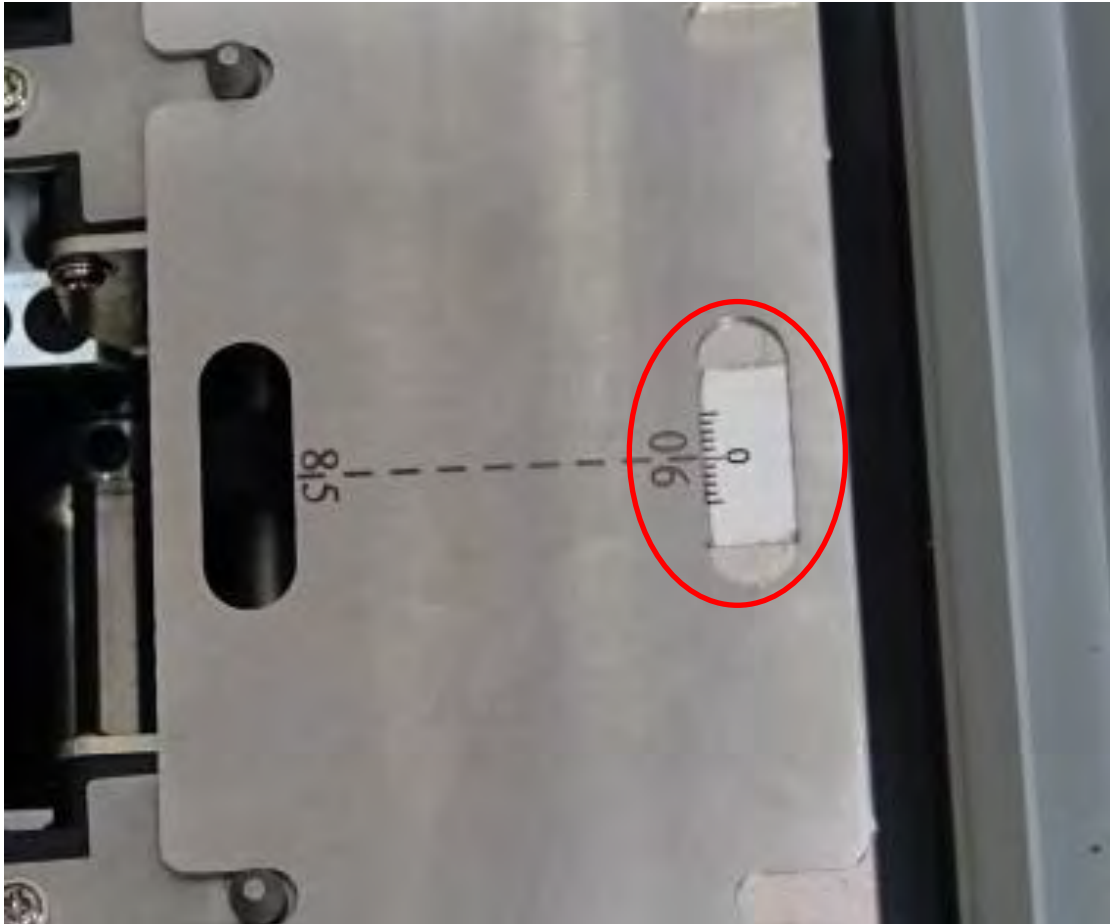
The gauge is two different sizes spec (85 & 90 mm or 3.5& 5.5 inch).

1. Release the grub screw fixing the slit.
2. Remove the two plastic head screws.
3. Remove the gauge.



5.4.3.2 Install the Gauge

1. Make sure the slitter moving freely.
2. Place the gauge onto the slitters.
3. Move the gauge making sure it is aligned to the ruler "0" position.



4. Tighten the two plastic head screws to fix the gauge.
5. Tighten the grub screws to fix the slitters.

Note: 1. If the image shifts in X (slitting) direction, moving to the gauge (releasing the plastic head screws and grub screws) as per the ruler to offset.

2. Side trim range is 3.2~38 mm. If side trim is less than 3.2mm paper piece has some risks going into slitters leading slitter jammed. If side trim is over 3.2mm paper piece will not go down to the waste box just going out with the finished piece.

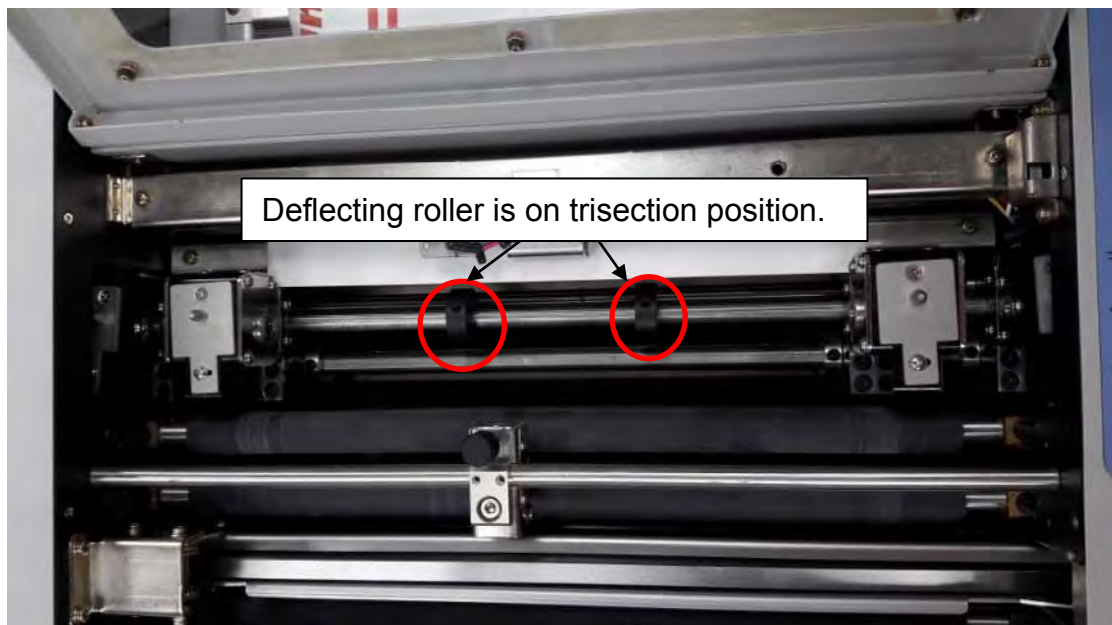
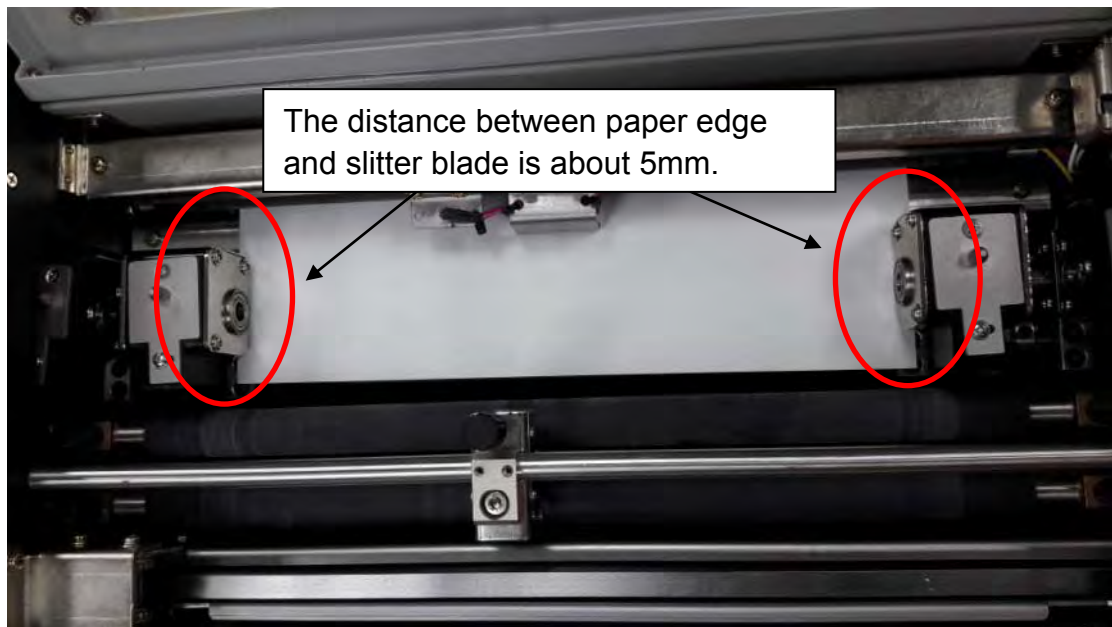
5.5 Crease Only

5.5.1 Setting Side Guides

Set the side guides properly referred to 5.4.1 & 5.4.2.

5.5.2 Position Slitters and Deflecting Rollers

Remove the gauge and move the slitter to sides. Use the Slitter#2 and Slitter #3 to hold the paper edges. The distance between paper edge and slitter blade is about 5mm. And move the deflecting roller to the trisection position.



5.5.3 Set Outfeed Tray

Set the outfeed tray properly as per the sheet.

5.5.4 Set Crease Data

Press **Mode** Key  for 6 times to enter Input Crease Data Screen. Input the value for crease and press **Enter** to confirm. All crease data is finished, press **Enter** twice to take effect. And Screen will go back to Ready Screen.

Note: If REG. Mark or Crease+ Slit function is open, turn it off.

5.6 Only Trim Sheet Sides

5.6.1 Place Slitters

Set the slitters referred to **5.4.3** and move the deflecting roller to the trisection position.

Note: When only trimming sheet sides, slit #2 and slit #3 will be used for trimming. But they have a limit for trim width **3~6 or over 15 mm**. If side trim is 7~14 mm or less than 3mm paper piece has some risks going into slitters leading slit jammed. If side trim is over 15 mm paper piece will not go down to the waste box just going out with the finished piece.

5.6.2 Set Cut Data

Turn off REG. Mark Function if they were open already. Input cut data referred to **5.3.3.5**.

Place the tray properly. Then press **Start** Key to run machine.

5.7 Slide-in Tools

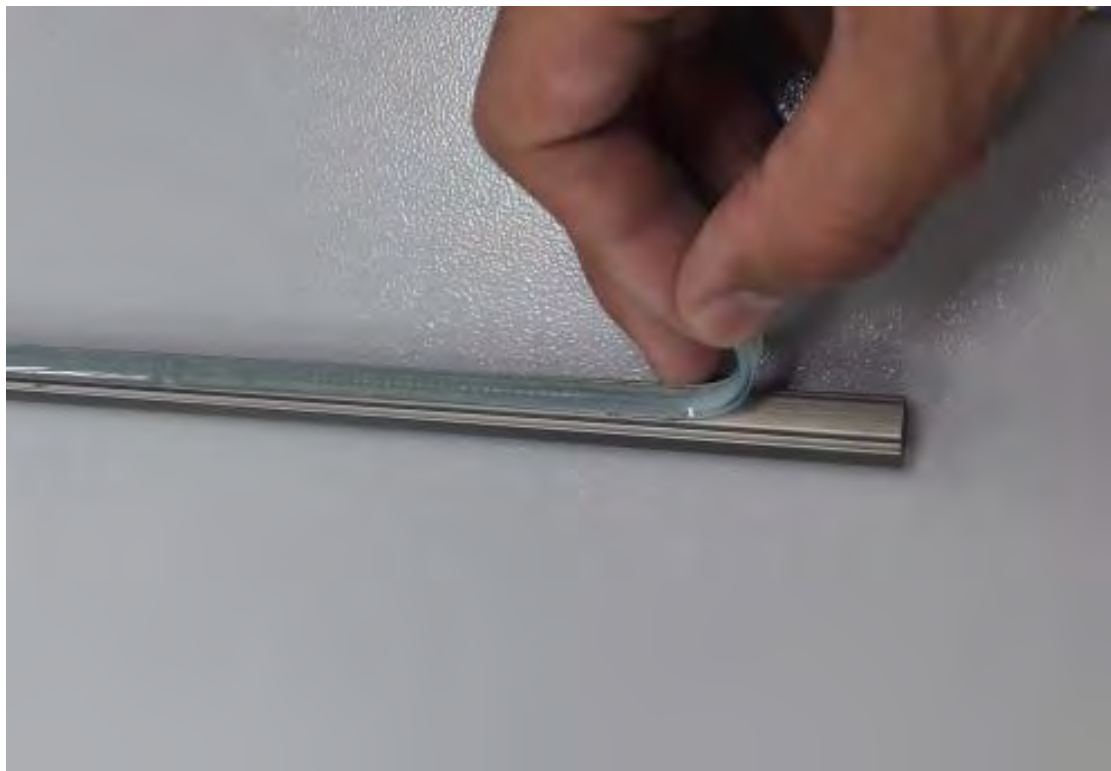
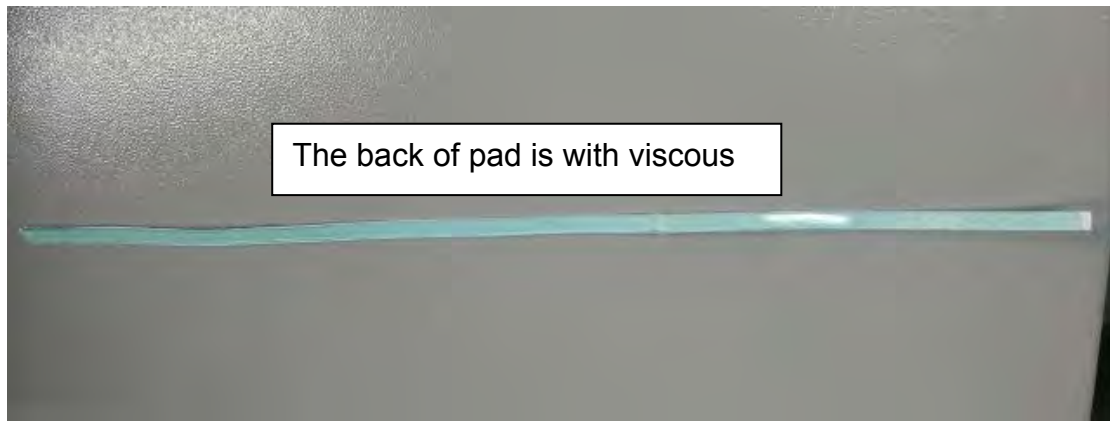
5.7.1 Exchange Slide-in Tools

1. Open the cover and slide out the crease die
2. Take out the perforate die from the tool storage, and put crease die into it.
3. Insert the perforate die into machine and close the side cover.



5.7.2 Change Perforate Crush Pad (Purchase on Demand)

The crush pad is consumables. Replace the worn pad with new one is essential. The pad is stacked onto the lower anvil. Tear off the worn pad from the anvil and stack the new one onto it.

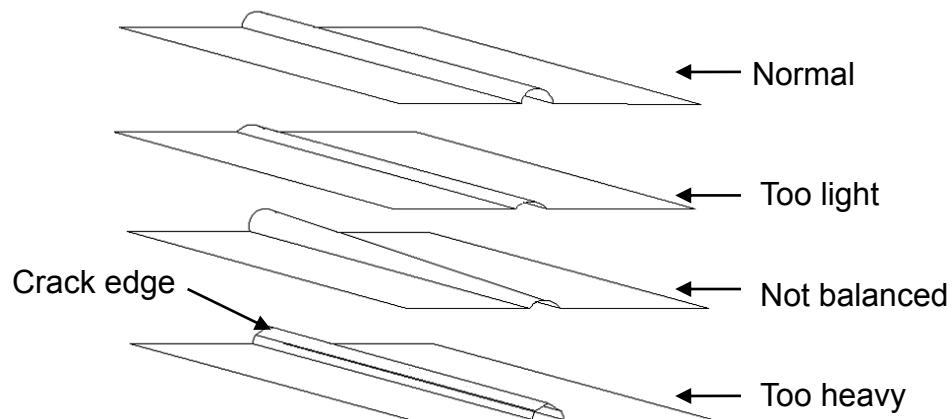


Note: When the pad is new it is essential to perforate the pad for some times without paper to make some trace on it. Or it is not easy to perforate through paper sheet.

5.7.3 Crease Depth Adjustment

Crease depth is important to crease quality. It just depends on the gap between male die and female die. Depth should be adjusted according to the paper thickness. Low Depth will perform a not clear crease. But a high Depth may cause cracking.

The adjustment is also needed if the crease depth is not balance on both sides.



To adjust the Depth:

Open the top cover and you will see following picture:

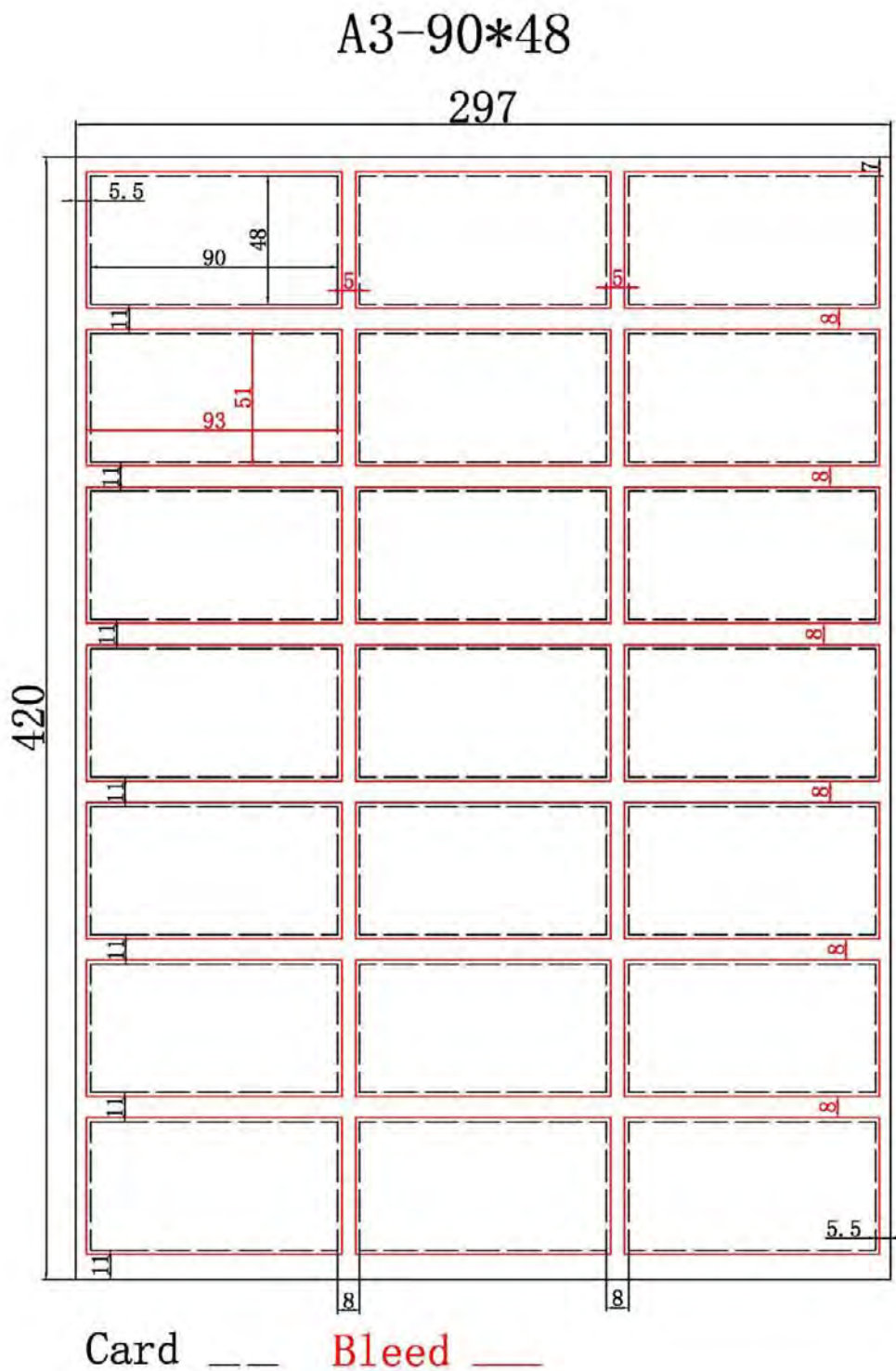
Adjust screws clockwise, crease depth becomes shallow; adjust screws anticlockwise, crease depth becomes deep.



Chapter 6 CUTTING FORMAT

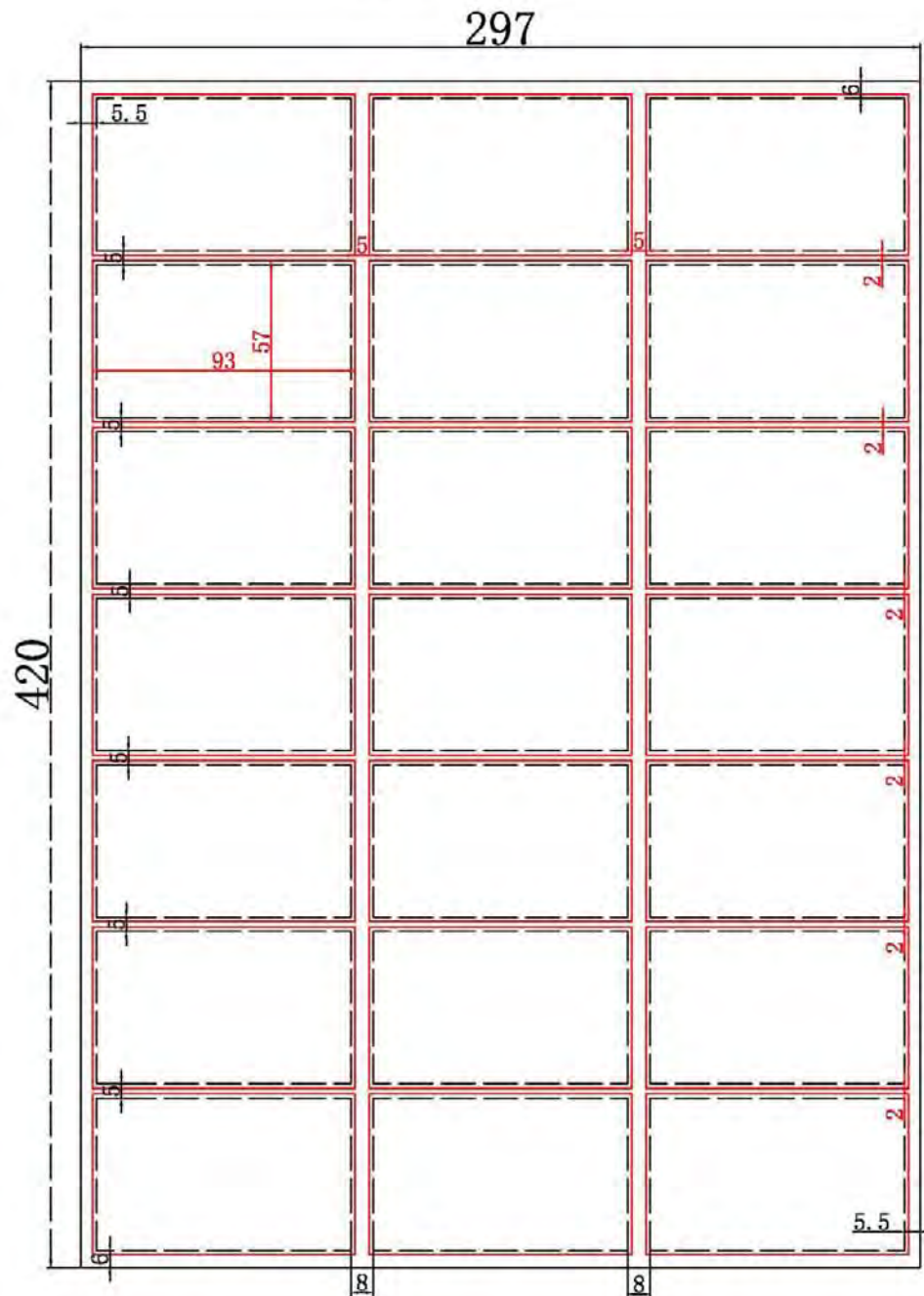
6.1 Metric Version

6.1.1 A3-90*48



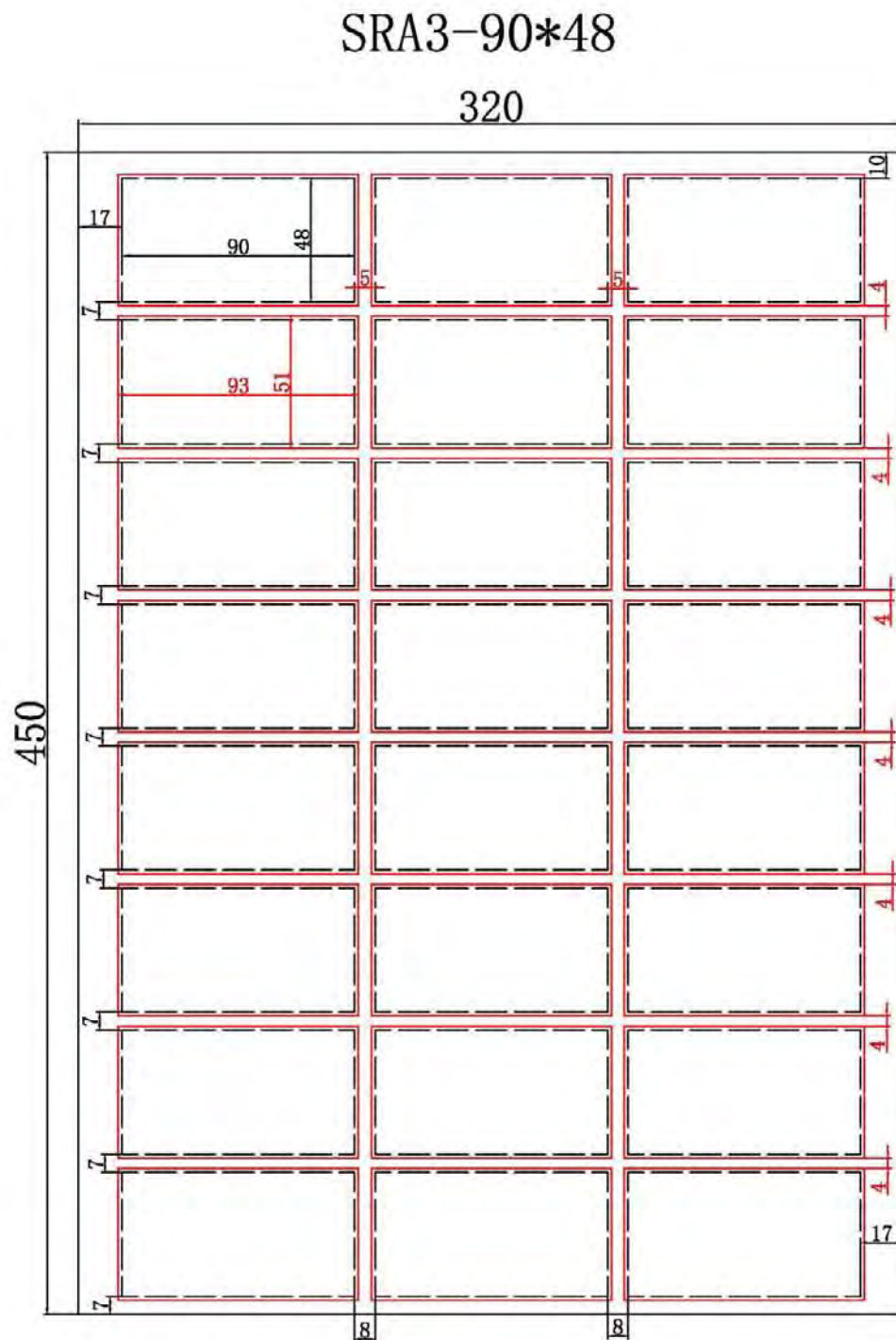
6.1.3 A3-90*54

A3-90*54



Card — Bleed —

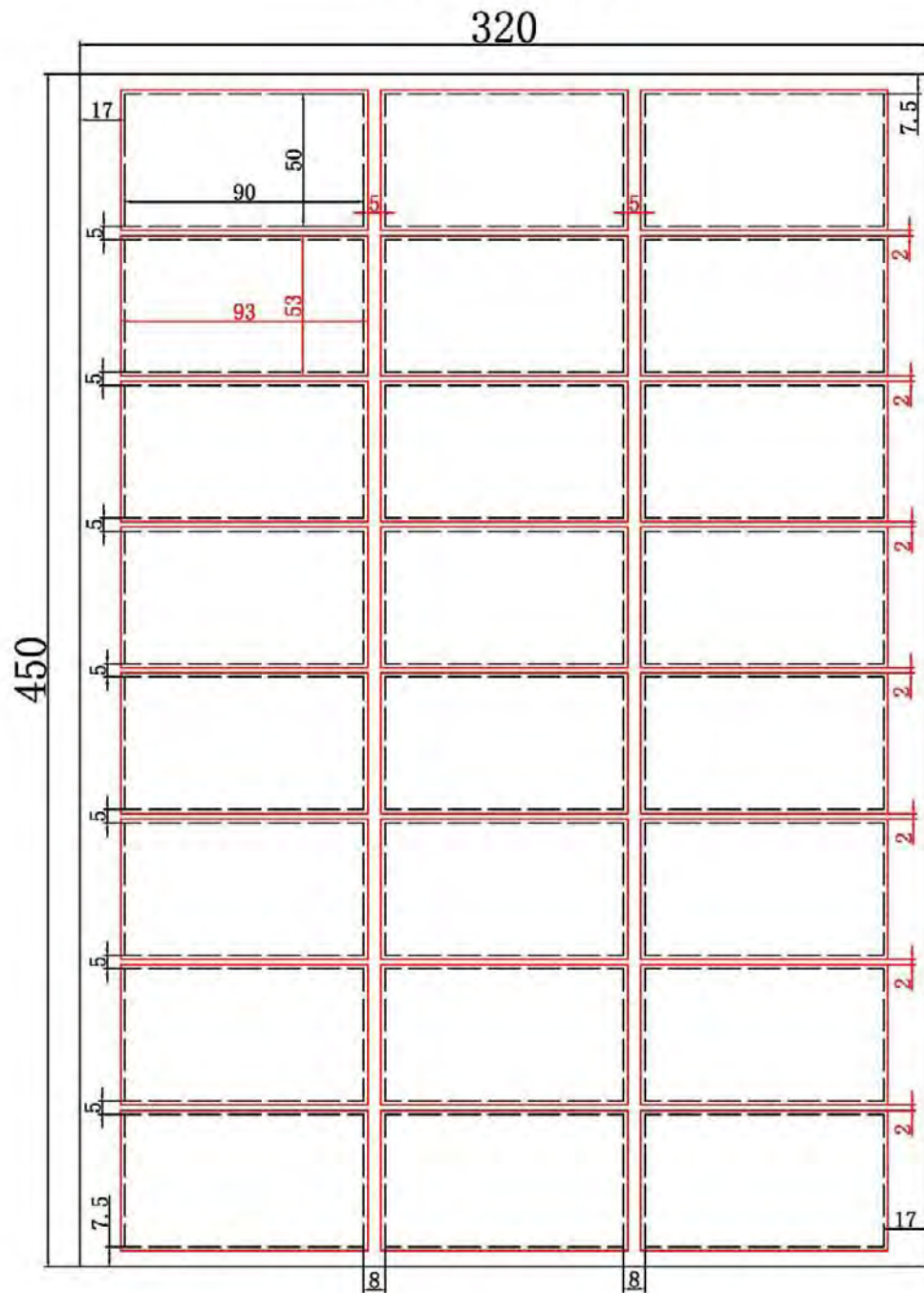
6.1.4 SRA3-90*48



Card — Bleed —

6.1.5 SRA3-90*50

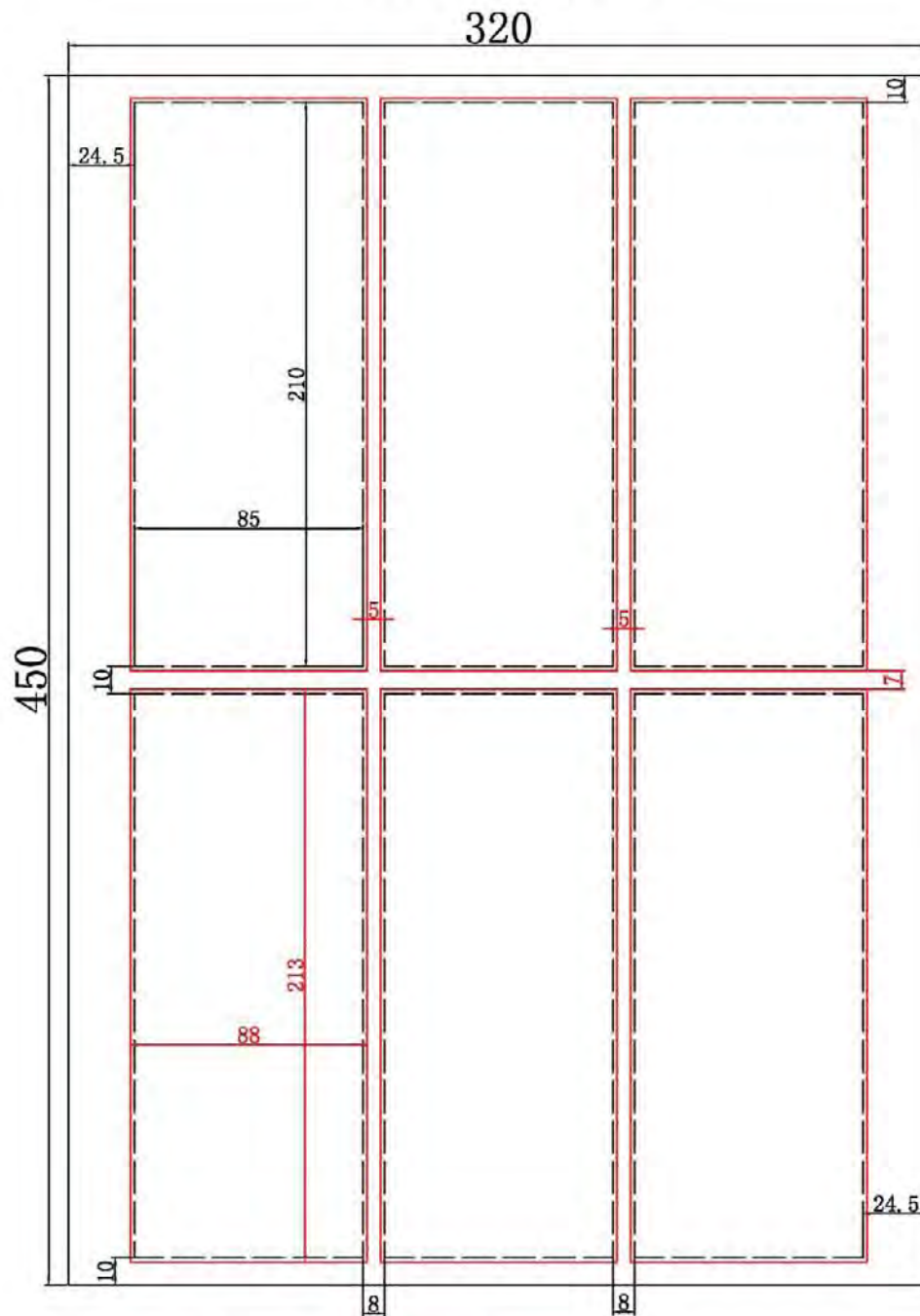
SRA3-90*50



Card — Bleed —

6.1.7 SRA3-85*210

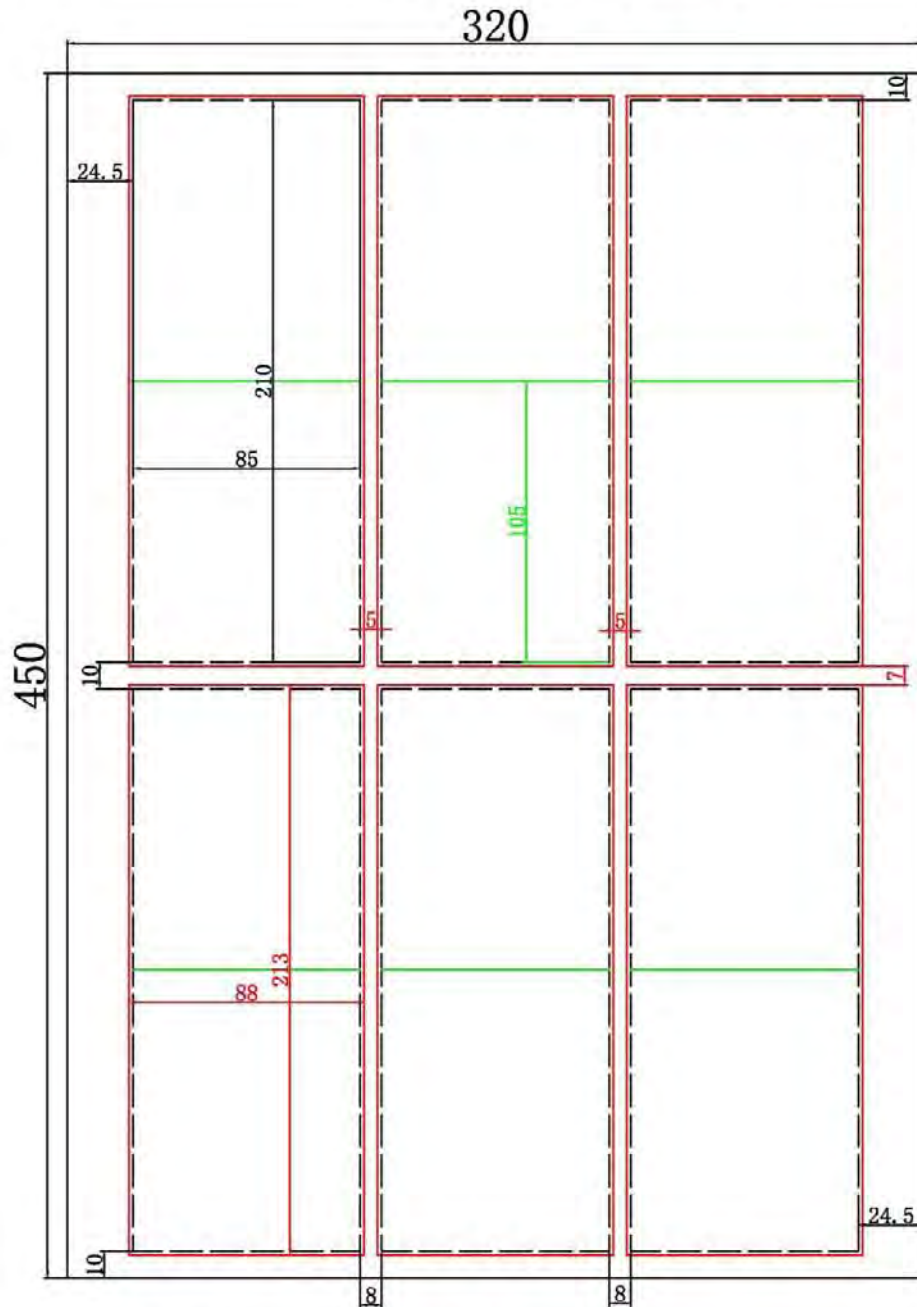
SRA3-85*210



Card ____ Bleed ____

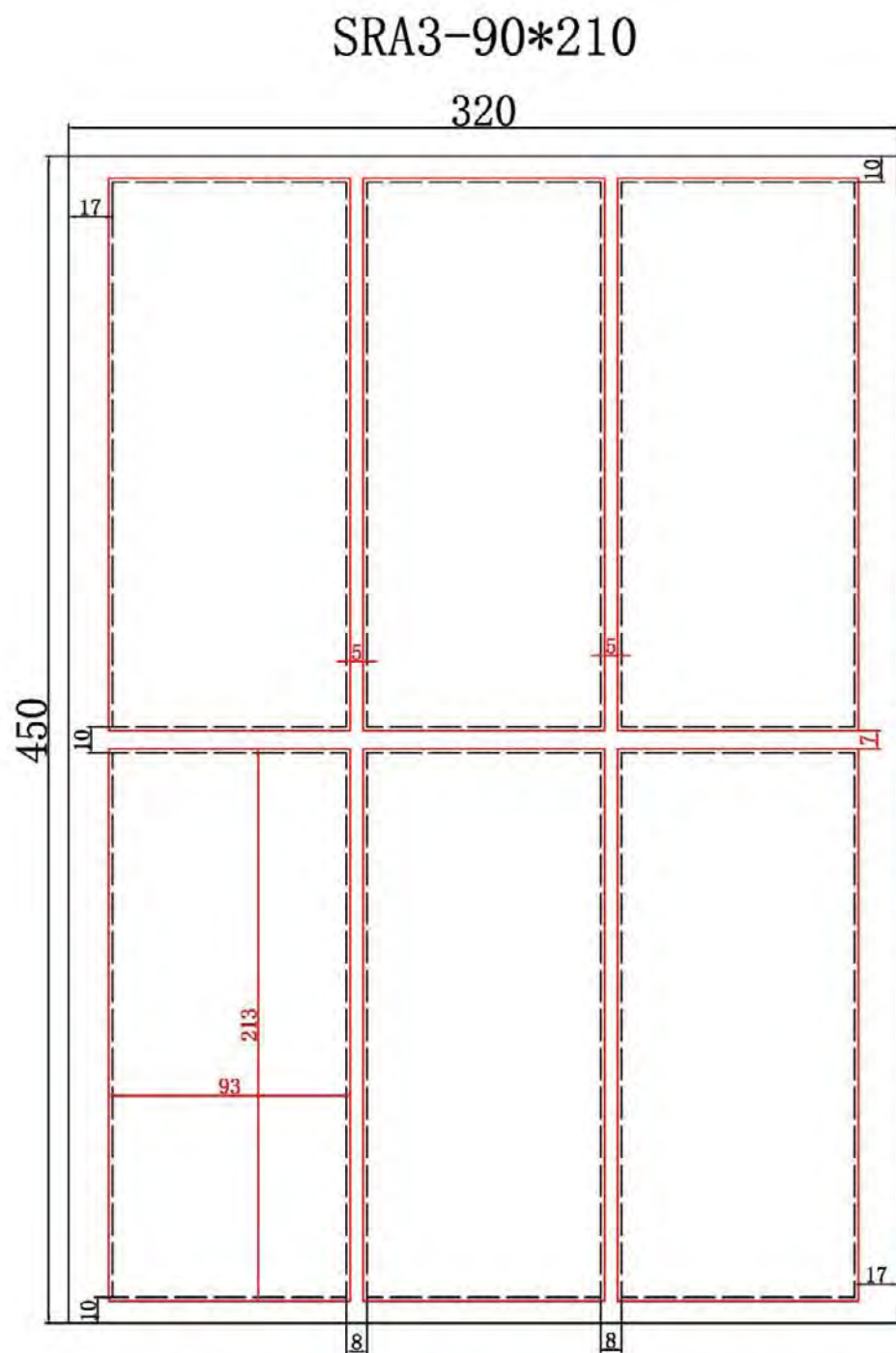
6.1.8 SRA3-85*210-C1

SRA3-85*210-C1



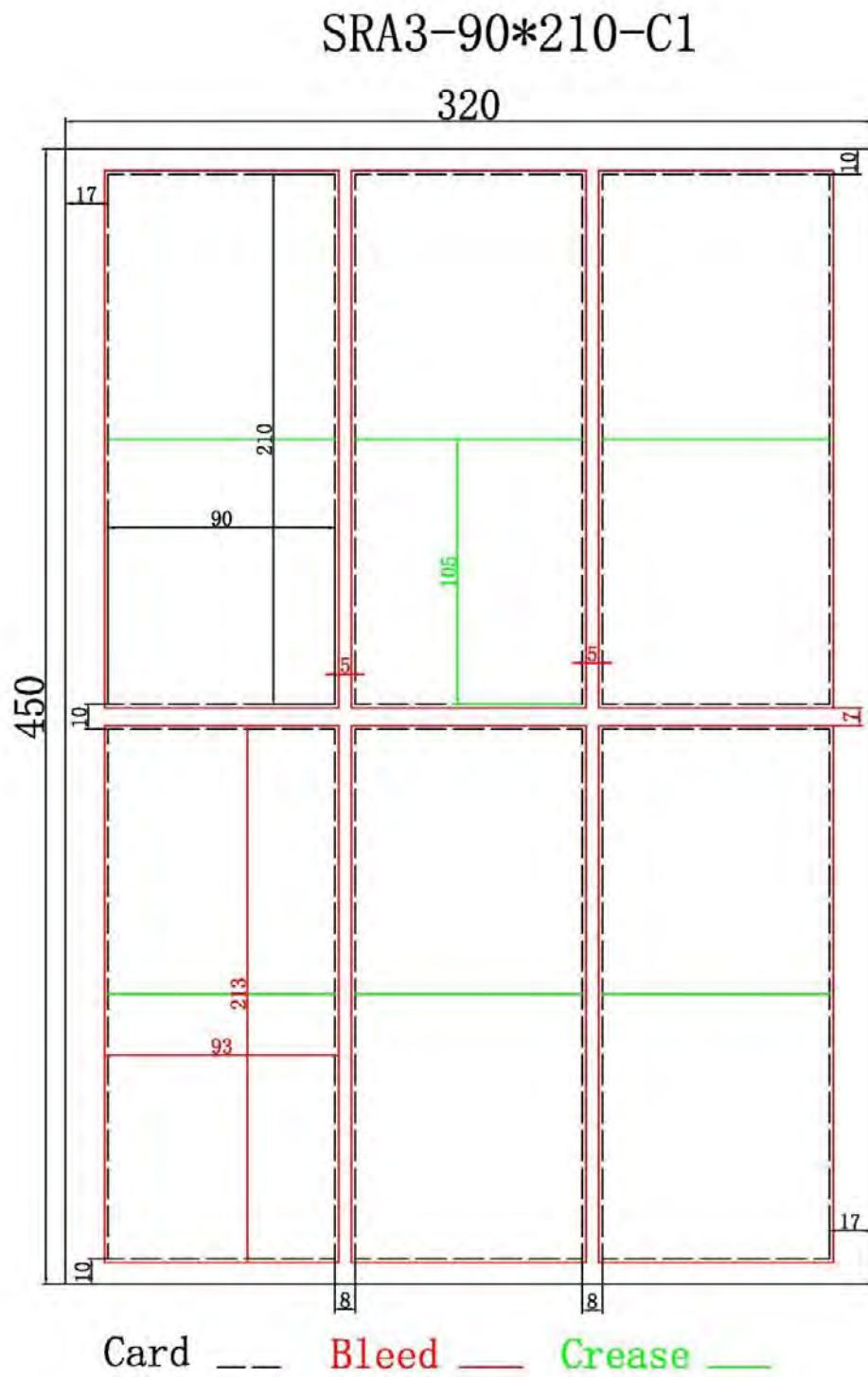
Card — Bleed — Crease —

6.1.9 SRA3-90*210

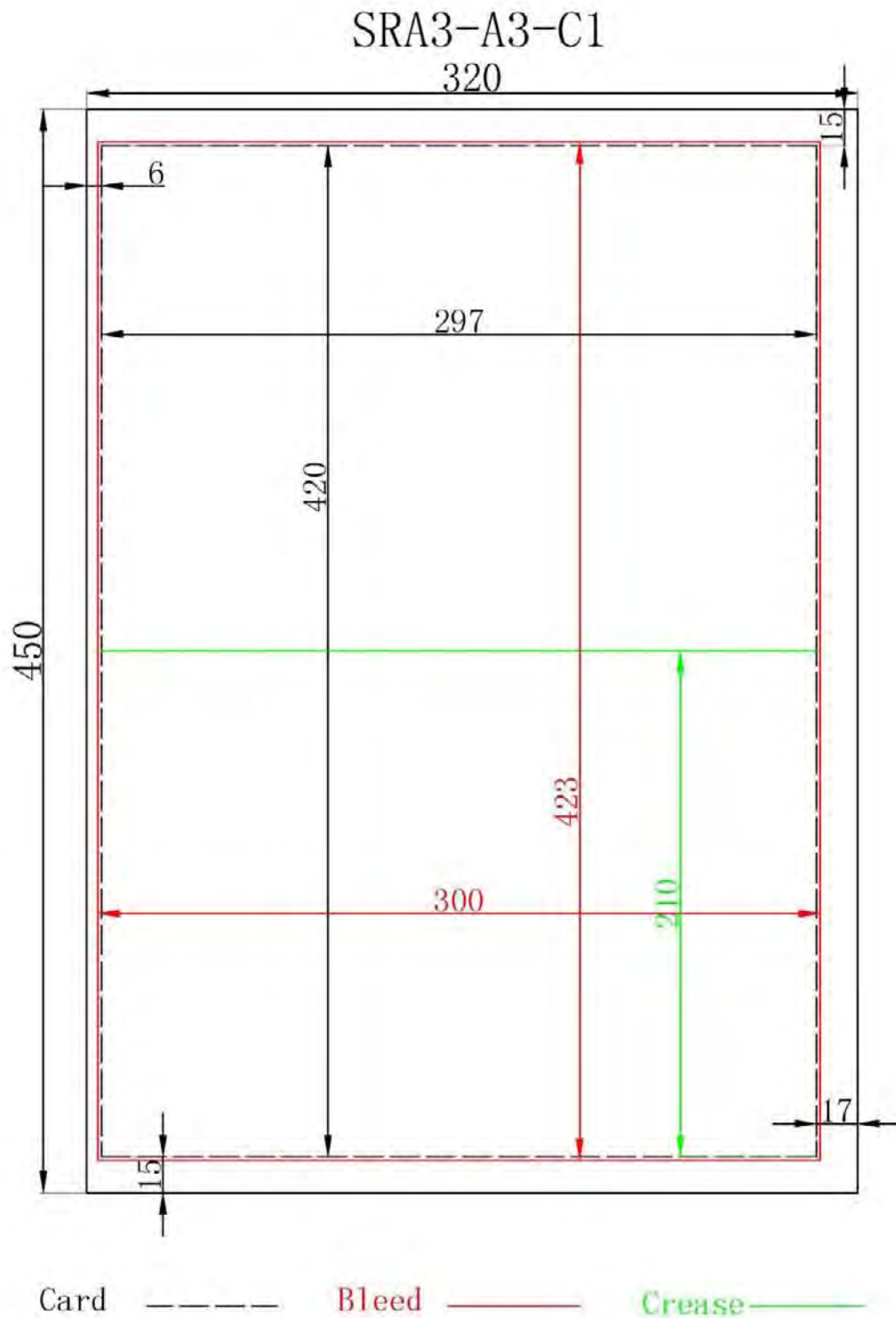


Card __ **Bleed** __

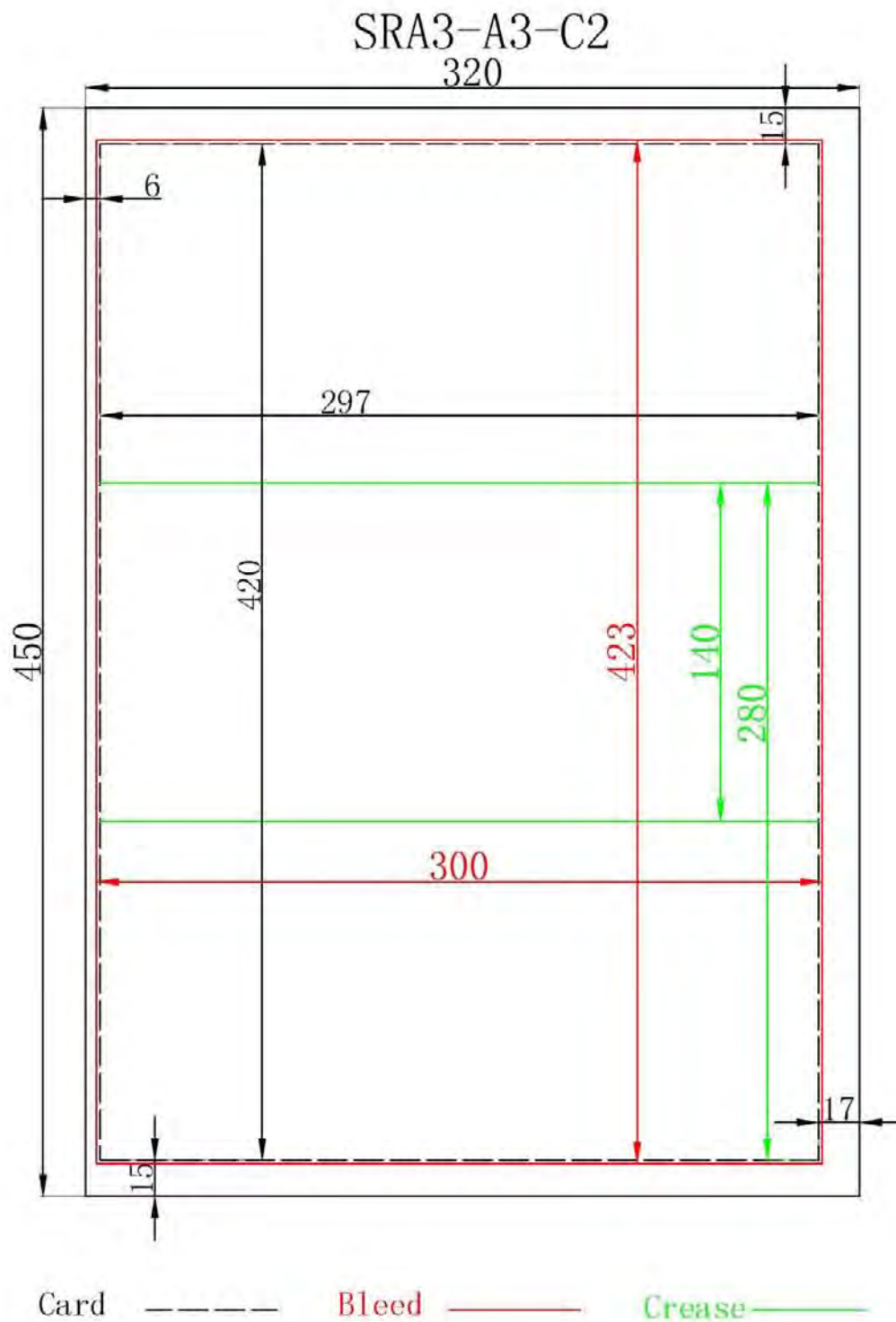
6.1.10 SRA3-90*210-C1



6.1.11 SRA3-A3-C1

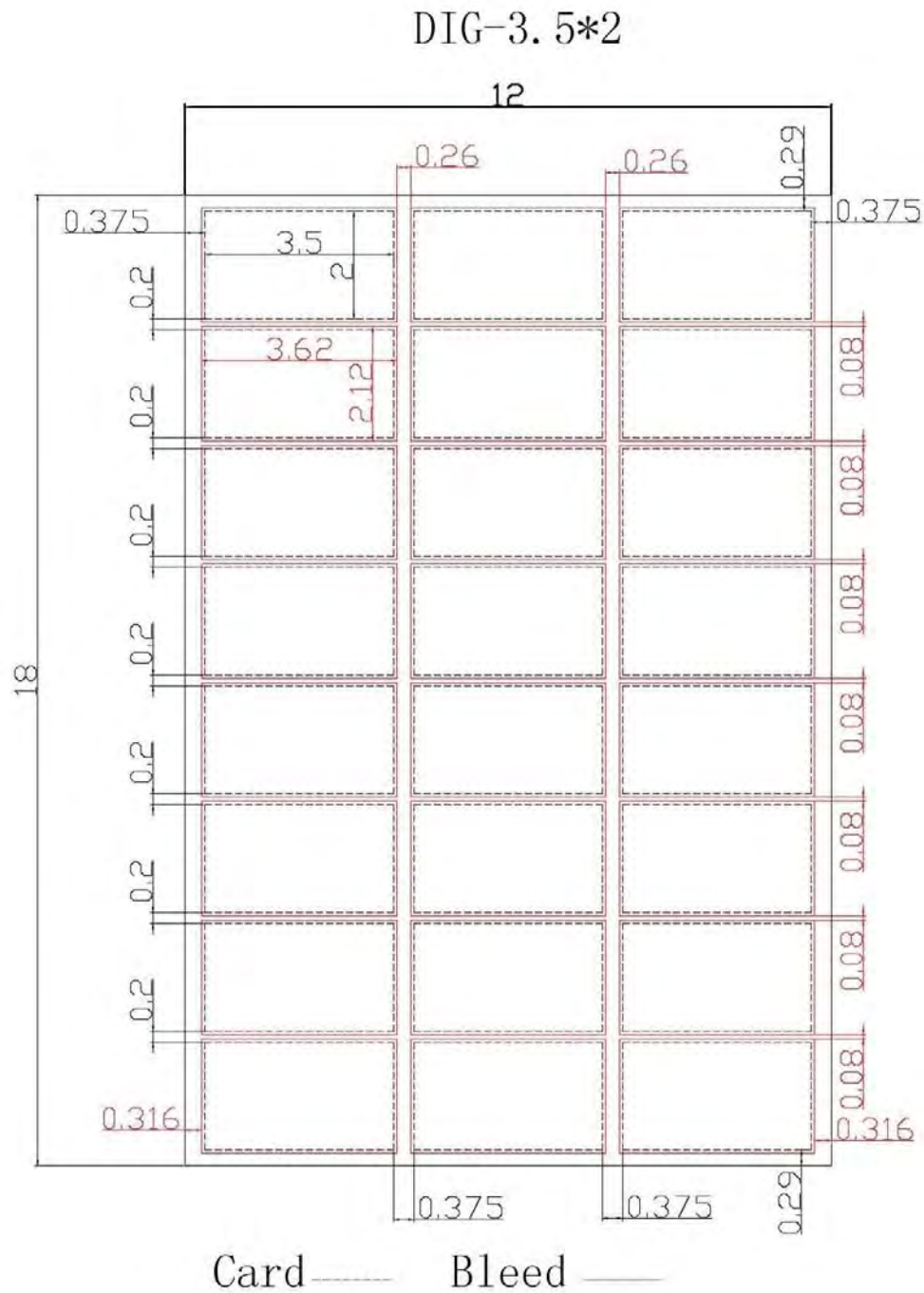


6.1.12 SRA3-A3-C2



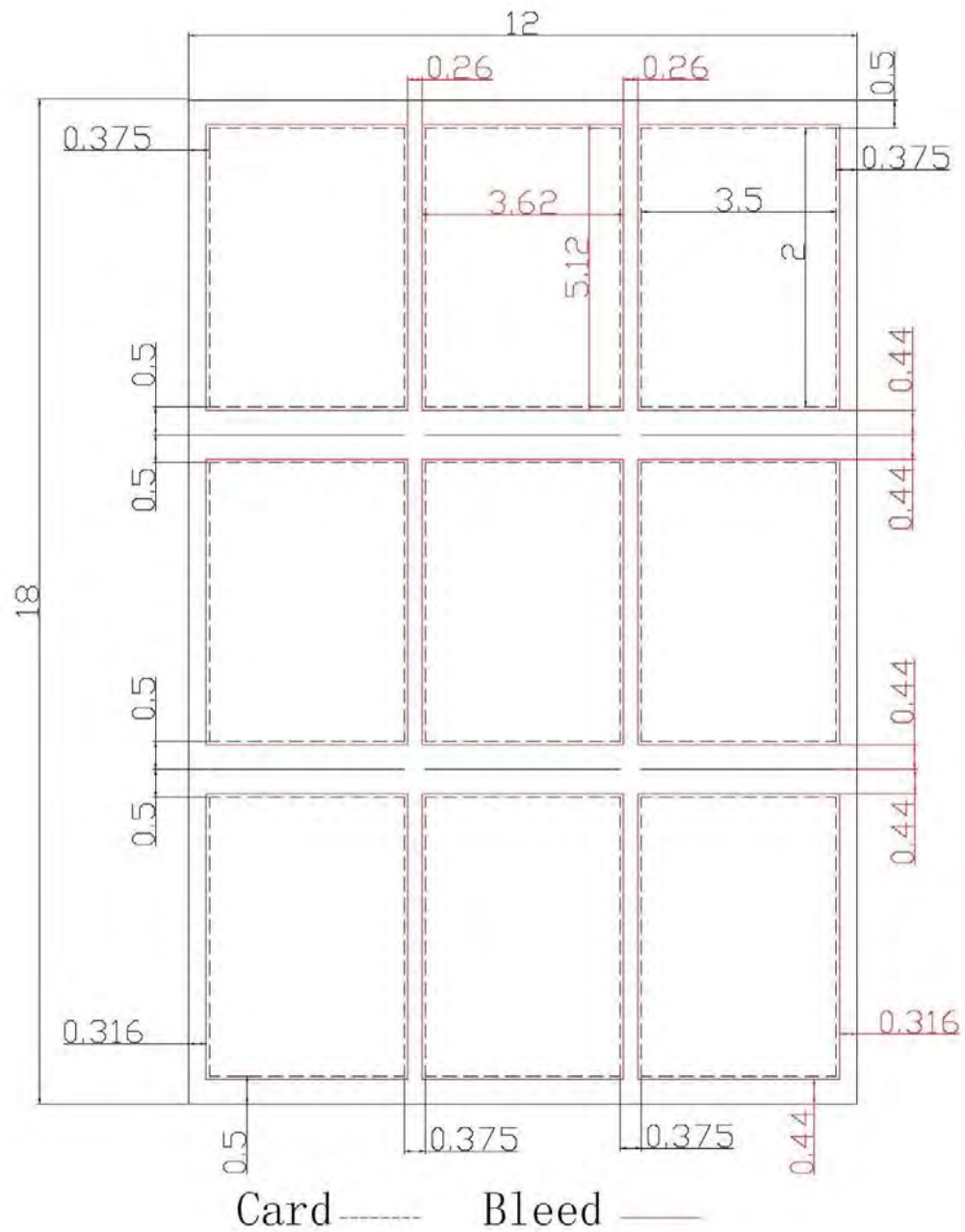
6.2 Imperial Version

6.2.1 DIG-3.5*2



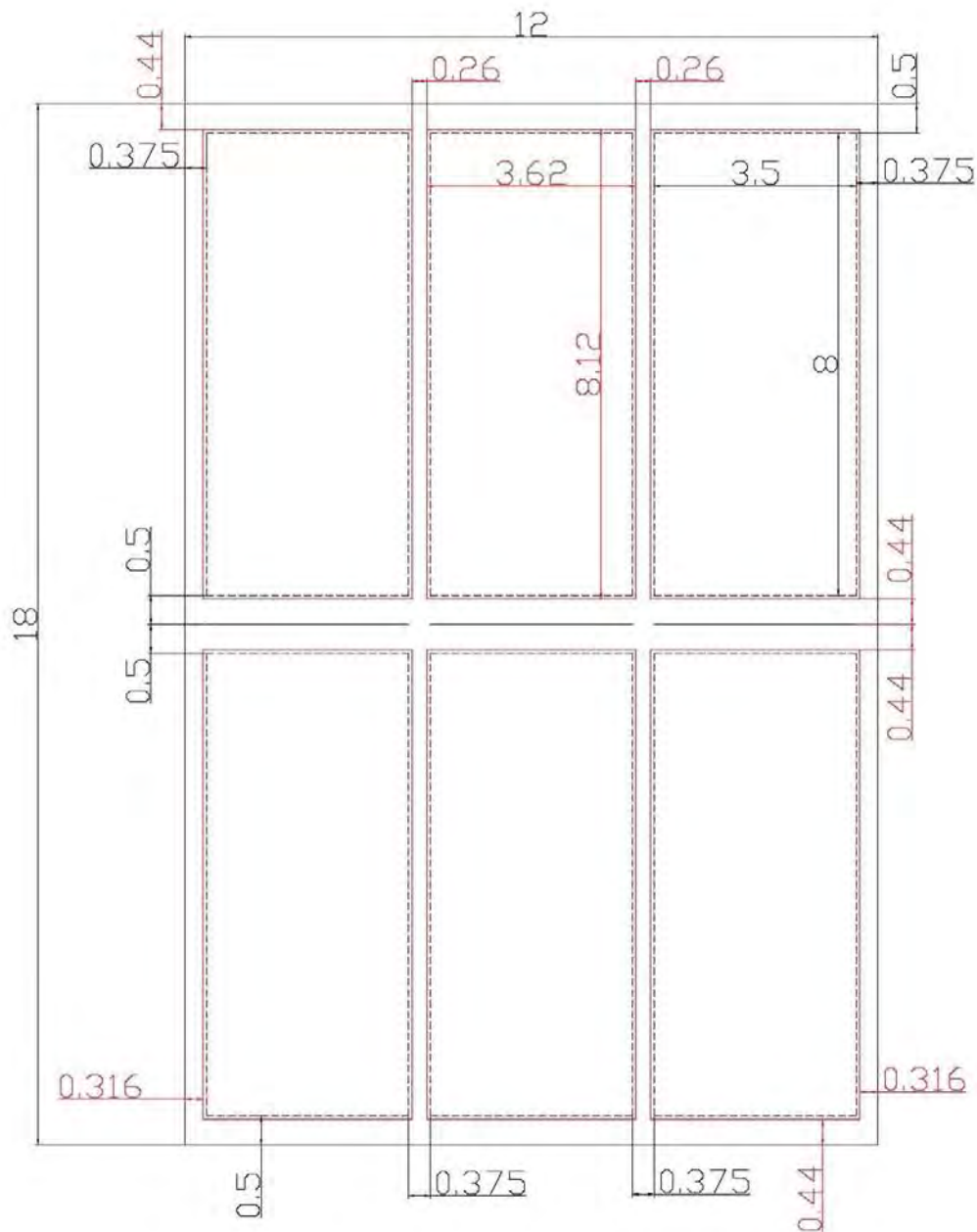
6.2.2 DIG-3.5*5

DIG-3. 5*5



6.2.3 DIG-3.5*8

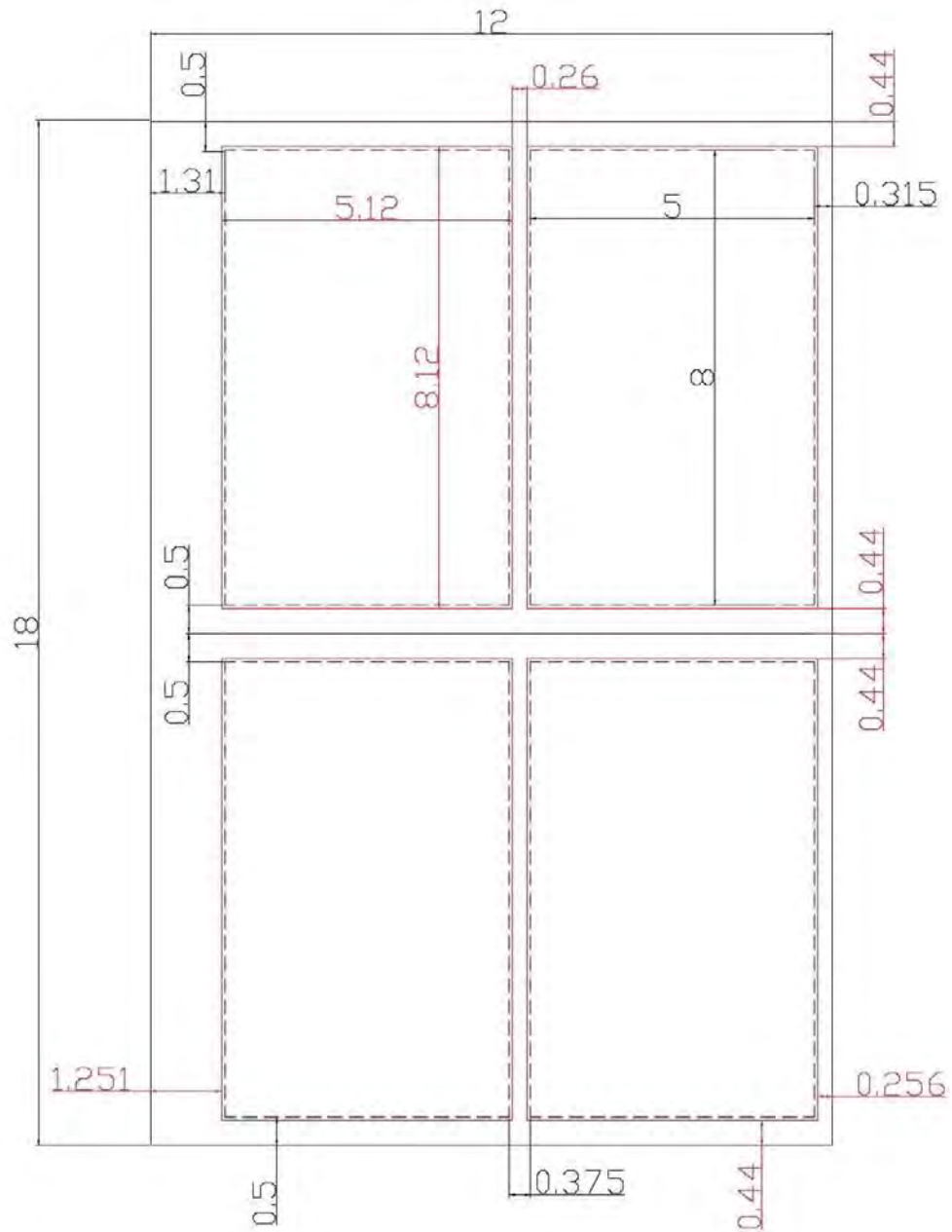
DIG-3.5*8



Card----- Bleed —

6.2.4 DIG-5*8

DIG-5*8

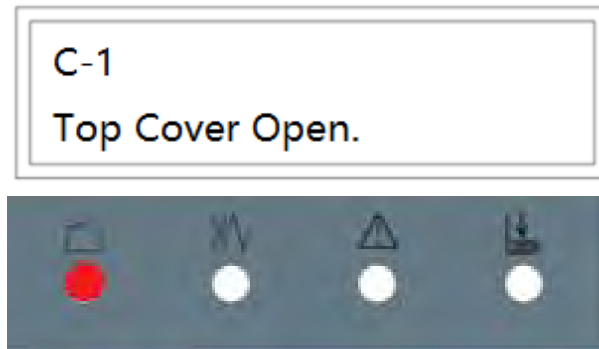


Card ——— Bleed ———

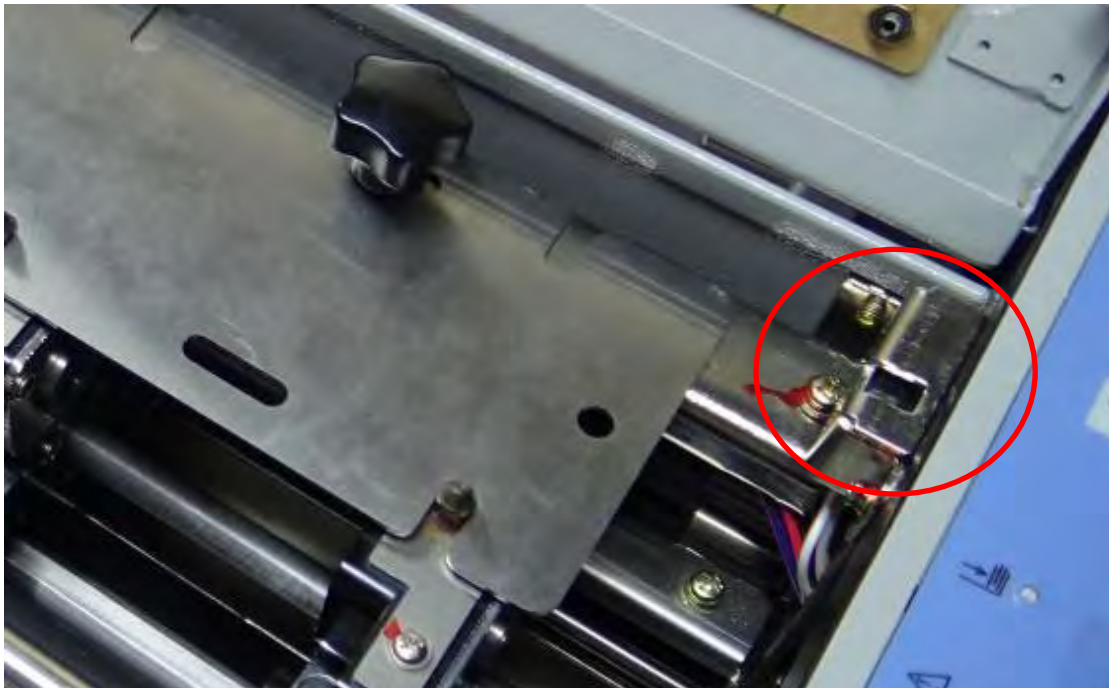
Chapter 7 TROUBLE SHOOTING

7.1 Show warning C-1

C-1 Top Cover Open

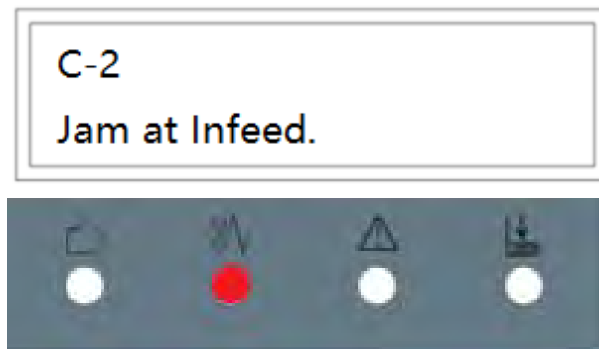


Please check top cover is closed well.



7.2 Show warning C-2

C-2 Paper Jam at Infeed Roller



1. Press  or  to drive the jammed paper out.
2. Check if the paper is out of the spec. (100gsm~350gsm).
3. Remove the gauge to check if there is paper piece covering the sensor.
4. Clean the paper dust by air gun on the sensor.

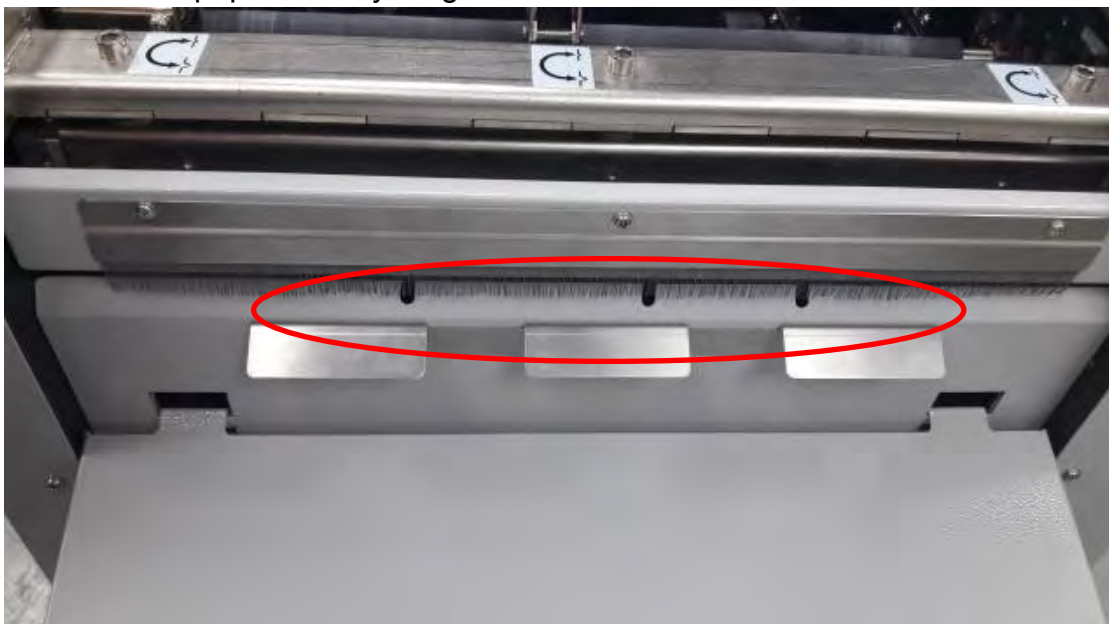


7.3 Show warning C-3

C-3 Paper Jam at Outfeed Roller

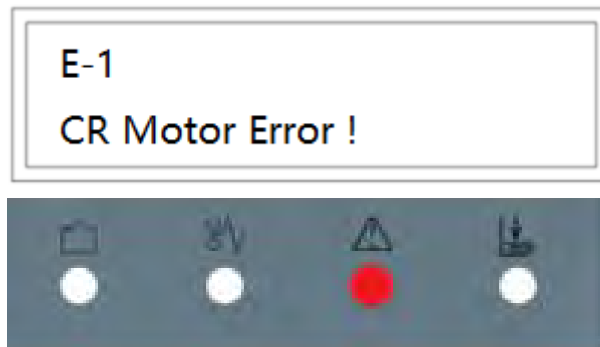


1. Press  or  to drive the jammed paper out.
2. Check if the paper is out of the spec. (100gsm~350gsm).
3. Remove the gauge to check if there is paper piece covering the sensor.
4. Clean the paper dust by air gun on the sensor.



7.4 Show Error E-1

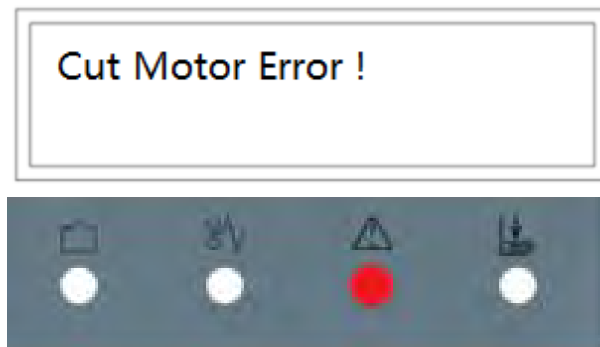
E-1 Crease Motor Error.



1. Restart the machine.
2. Press  or  to drive the jammed paper out.
3. Check if the paper is out of the spec. (100gsm~350gsm). As for crease die, the spec. is 100~300gsm.
4. Check if CR depth is too deep and adjust it referred to **5.7.3**.

7.5 Show Error E-2

E-2 Cut Motor Error.



1. Restart the machine.
2. Press  or  to drive the jammed paper out.
3. Check if the paper is out of the spec. (100gsm~350gsm). As for crease die, the spec. is 100~300gsm.

7.6 Image Compensation

The cards in same column are like following picture:



Step: The later card's color edge is smaller and smaller.

1. Open the register mark function if the register mark has been printed onto the sheet.
2. Press Mode Key to **INC/DEC Ratio** Screen. Increase the Ratio data by pressing  and it will increase by 0.1% each time and run one sheet to check until the color edge is nearly the same.
3. If the color edge is nearly the same, but the color edge is bigger than standard card. Use **Horizontal Shift**, **Card L Offset** and **Gutter Offset** to offset it and make cards good.

! More information for repairs referred to technician manual.

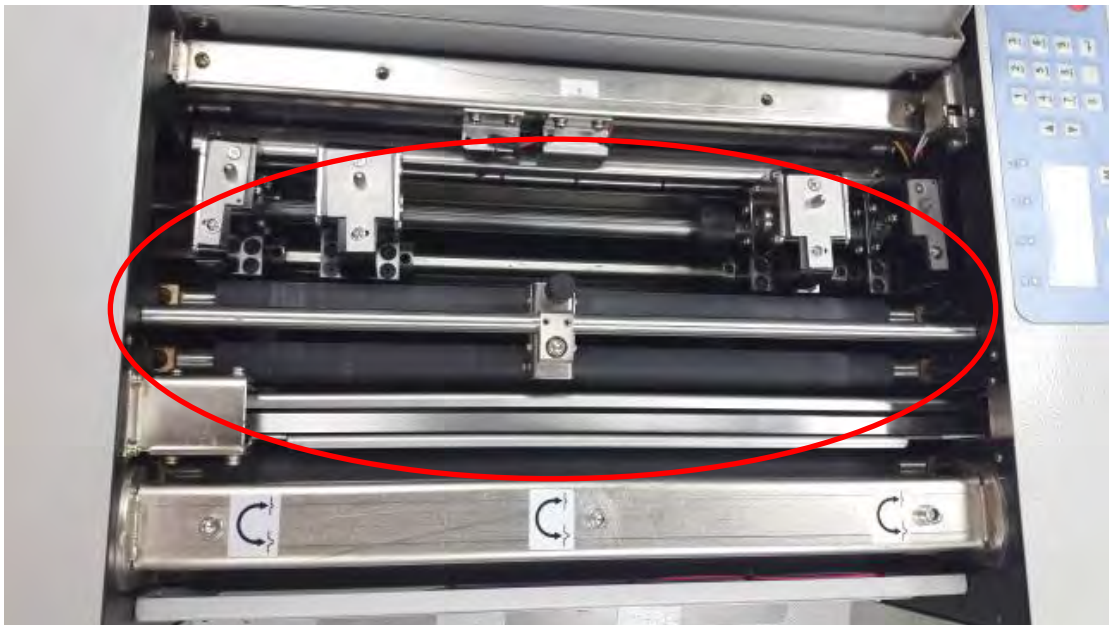
Chapter 8 Maintenance

Maintenance is important for machine. Essential maintenance is in favor of use life and efficiency of machine. It consists of user maintenance and technician maintenance.

8.1 User Maintenance

8.1.1 Clean Rollers

Clean rollers with wet cloth when rollers are obviously seen dust on them.



8.1.2 Clean Sensors

Clean Sensors with air gun or soft cloth while machine used for long time.



8.2 Technician Maintenance

Do the technician maintenance regularly is also very important. It mainly finished by technician, including checking the wear and tear parts, replace the broken parts, adding lubricant and so on.

More details referred to technician manual.

Warranty & Incorrect Use

IMPORTANT INFORMATION

Your MCC-35 should reach you in perfect condition and is guaranteed for 1 Year from date of purchase covering defective parts and general wear and tear, this does not cover film jams, misfeeds or other operator related errors, which would be chargeable.

Your MCC-35 is covered against manufacturing defects, it does not cover against any damages caused by misuse.

Your warranty will be void if the system has been modified by a third party not approved by the manufacturer (Vivid Laminating Technologies) to carry out such alterations.

E&O.E

