

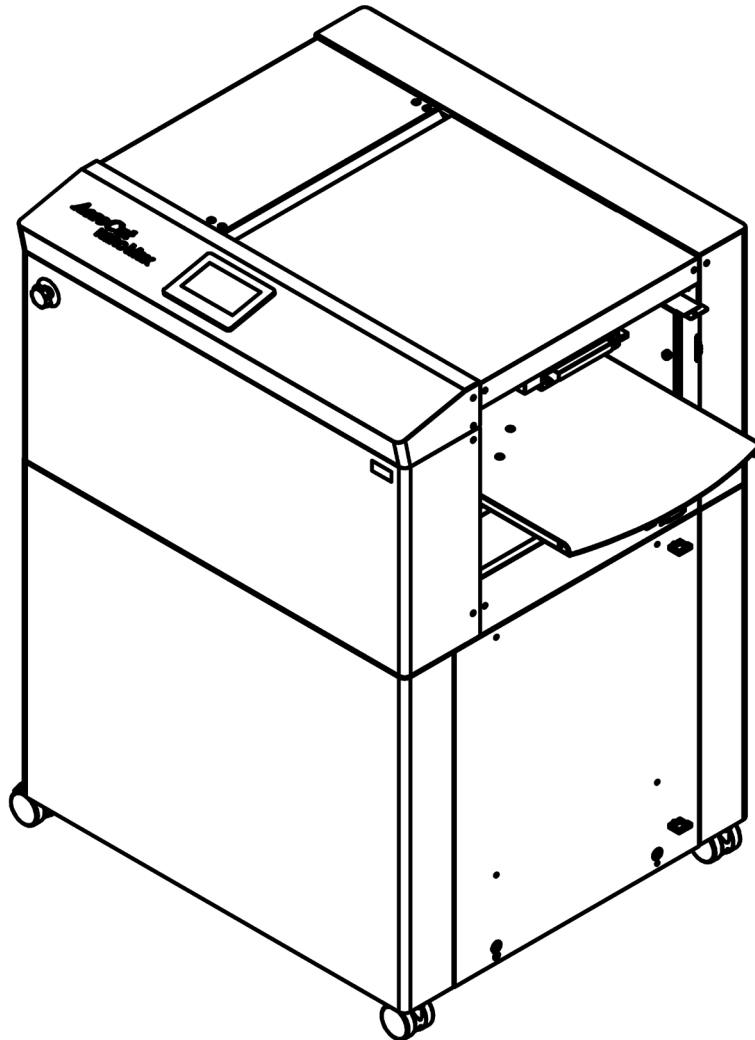
**UCHIDA**

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# *AeroCut* nano Max

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## OPERATION MANUAL



UCHIDA YOKO CO., LTD.

78-741 inch V1.00



**MyBinding**  
When Image Matters.

[mybinding.com](http://mybinding.com)  
1-800-944-4573

Use machine only after reading the "Safety Instructions" given below carefully.

- These safety instructions are given to ensure that the machine will be used safely and properly and to prevent operators from sustaining harm and injuries.
- This equipment is not suitable for use in locations where children are likely to present.

### Explanation of markings

Marking	Meaning of marking
 Warning	This symbol stands for immediate danger threatening the life and health of persons. Disregarding these instructions may cause severe damage to health and even serious injuries.
 Caution	This symbol stands for an endangering situation that may occur. Disregarding these instructions may lead to slight injuries or damage to property.

### Definition of Symbols and Notes

In this manual the following names and signs stand for possible dangers.



#### Caution

This symbol stands for an endangering situation that may occur. Disregarding these instructions may lead to slight injuries or damages to property.




#### Note

This symbol stands for notes, operational hints, and other useful information.

They are convenient for exploiting the machine's functional abilities.

## SAFETY INSTRUCTIONS

Explanations of the illustrations used in the Safety Instructions are given as follows:

 <b>Warning</b>
<ol style="list-style-type: none"> <li>1. Don't open the cover of the equipment. There is a danger of receiving an injury or electric shock.</li> <li>2. Don't touch any rotating part. There is a danger of receiving an injury.</li> <li>3. Don't put hands inside work area. May result in severe injury.</li> <li>4. Be sure to connect the power cord to a grounded outlet. If the ground is not securely connected, it could lead to electric shock or fire.</li> </ol>



## Caution

- ① Don't put a hand into the cover or a clearance between parts. There is a danger of receiving an injury.
- ② Don't bring a hand, face, hair, sleeves of clothes and the like close to the rotating parts of the machine. There is a danger of receiving an injury.
- ③ Don't touch the blade point of the cutter. There is a danger of receiving an injury.
- ④ Turn off the power supply beforehand when setting the feed table. There is a danger of receiving an injury.
- ⑤ Turn off the power supply beforehand when removing paper scraps. There is a danger of receiving an injury.
- ⑥ Do not exceed the MAX level when stacking the paper. Exceeding it may cause a mechanical failure.
- ⑦ Turn off the power supply beforehand when starting maintenance or inspection. There is a danger of receiving an injury.
- ⑧ When you install a machine, please install to a place with no dust, and the place which is not influenced with a liquid. It becomes the cause of failure if the installation method is mistaken.
- ⑨ When you put a machine into operation, please change into the state where all covers were closed. If it works where a cover is opened, there is fear of an injury.

### Before use

Read this "Operation Manual" carefully before use. In particular, be sure to read "Safety Instructions" (page 1 to page 2) to ensure that the machine will be used properly.

Keep the manual at an appointed place with care so that it may be accessible whenever necessary.

The specifications of this product are subject to change for improvement. Therefore, don't mistake the "Operation Manual" of one product of the same model for that of another because descriptions in the "Operation Manual" of products of the same model may differ.

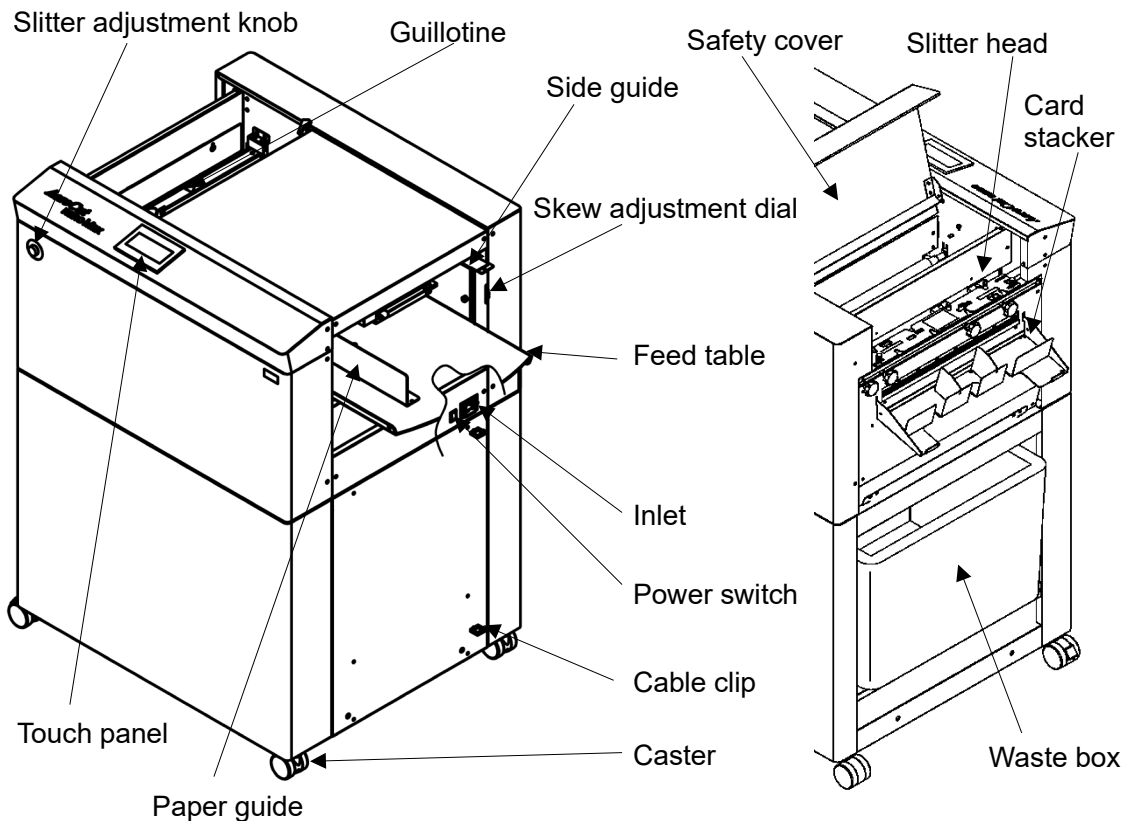
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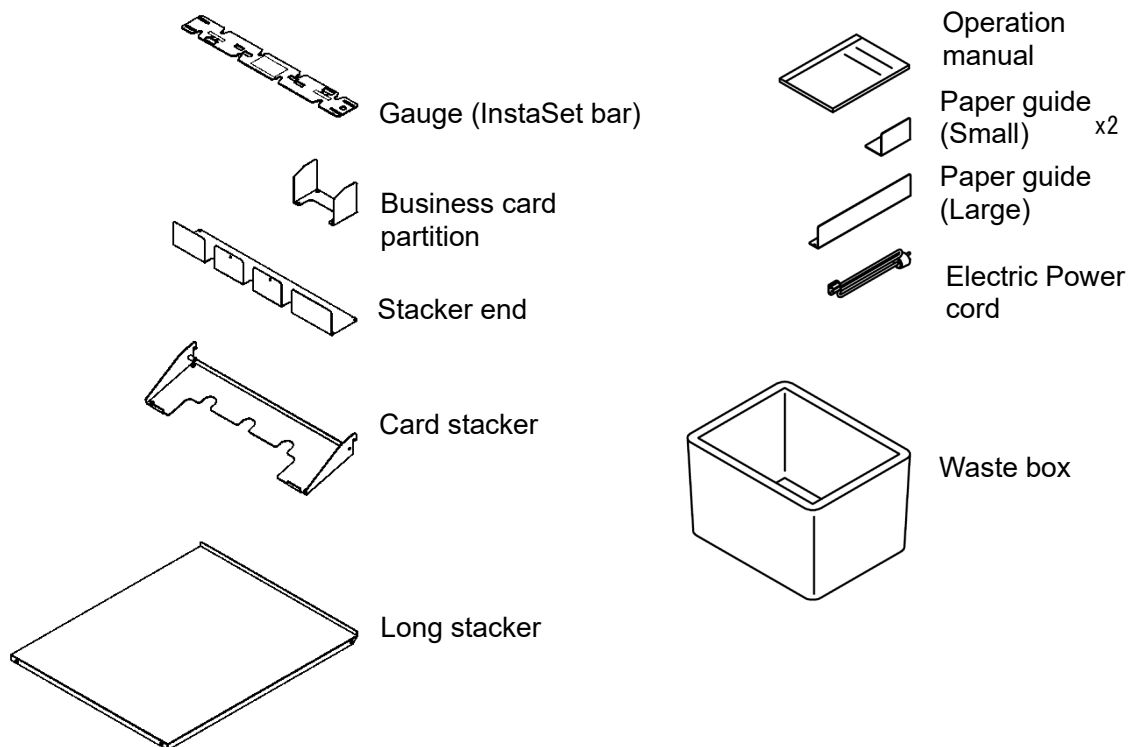
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# 1 Introduction

## 1.1 Names of parts

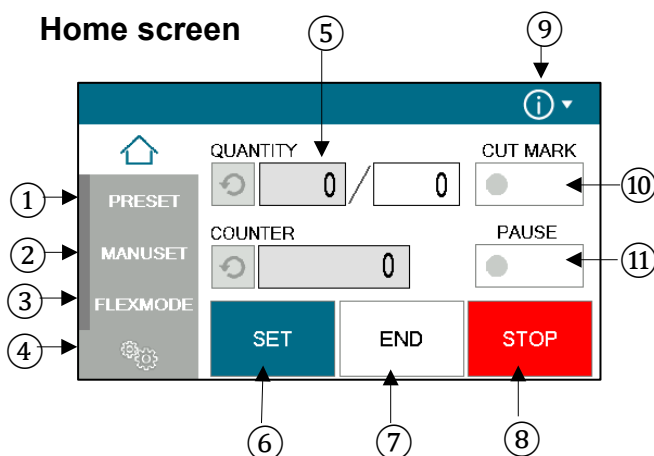


## 1.2 Accessories



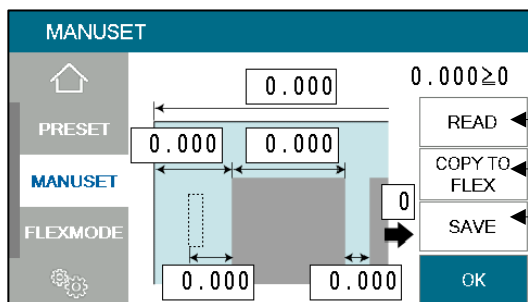
### 1.3 Touch panel

#### Home screen



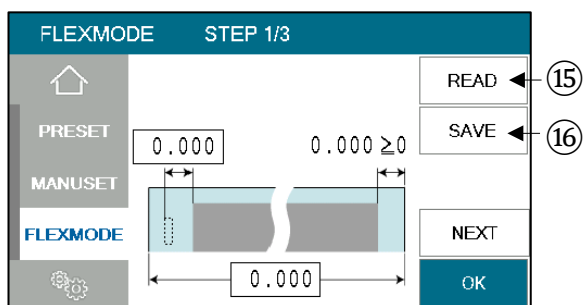
Home screen		
①	PRESET	Page.18
②	MANU SET	Page.20
③	FLEX MODE	Page.22
④	Setting	Page.32
⑤	Counter	Page.11
⑥	Set / Start	Page.16
⑦	End	Page.16
⑧	Stop	Page.16
⑨	Compensation	Page.29
⑩	Cut mark	Page.11
⑪	Pause	Page.11

#### MANUSET screen



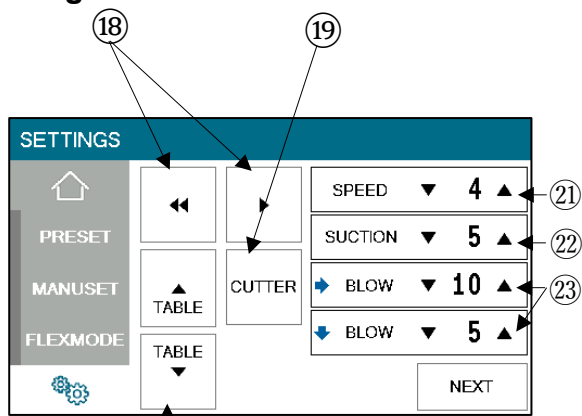
MANU SET screen		
⑫	Read	Page.24
⑬	Copy to FLEX	Page.20
⑭	Save	Page.23

#### FLEXMODE screen

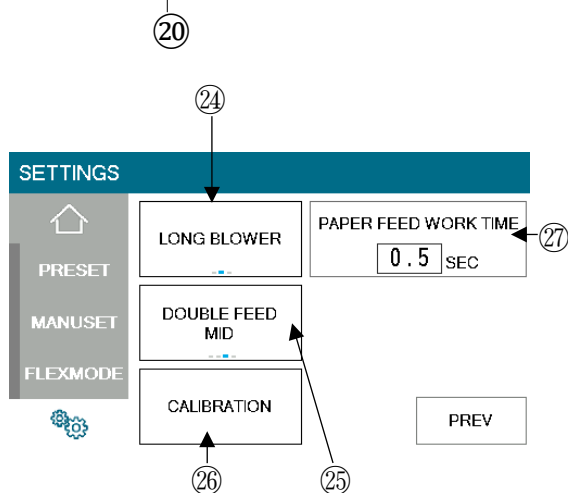


FLEX MODE screen		
⑮	Read	Page.24
⑯	Save	Page.23

### Setting screen



Settings screen		
18	Inching	Page.32
19	Cutter (Guillotine)	Page.32
20	Table	Page.32
21	Speed	Page.26
22	Vacuum	Page.26
23	Blower	Page.27
24	Air Blow	Page.27
25	Double feed	Page.28
26	Calibration	Page.31
27	Paper feed work time	Page.28



## 1.4 Paper weight / quality

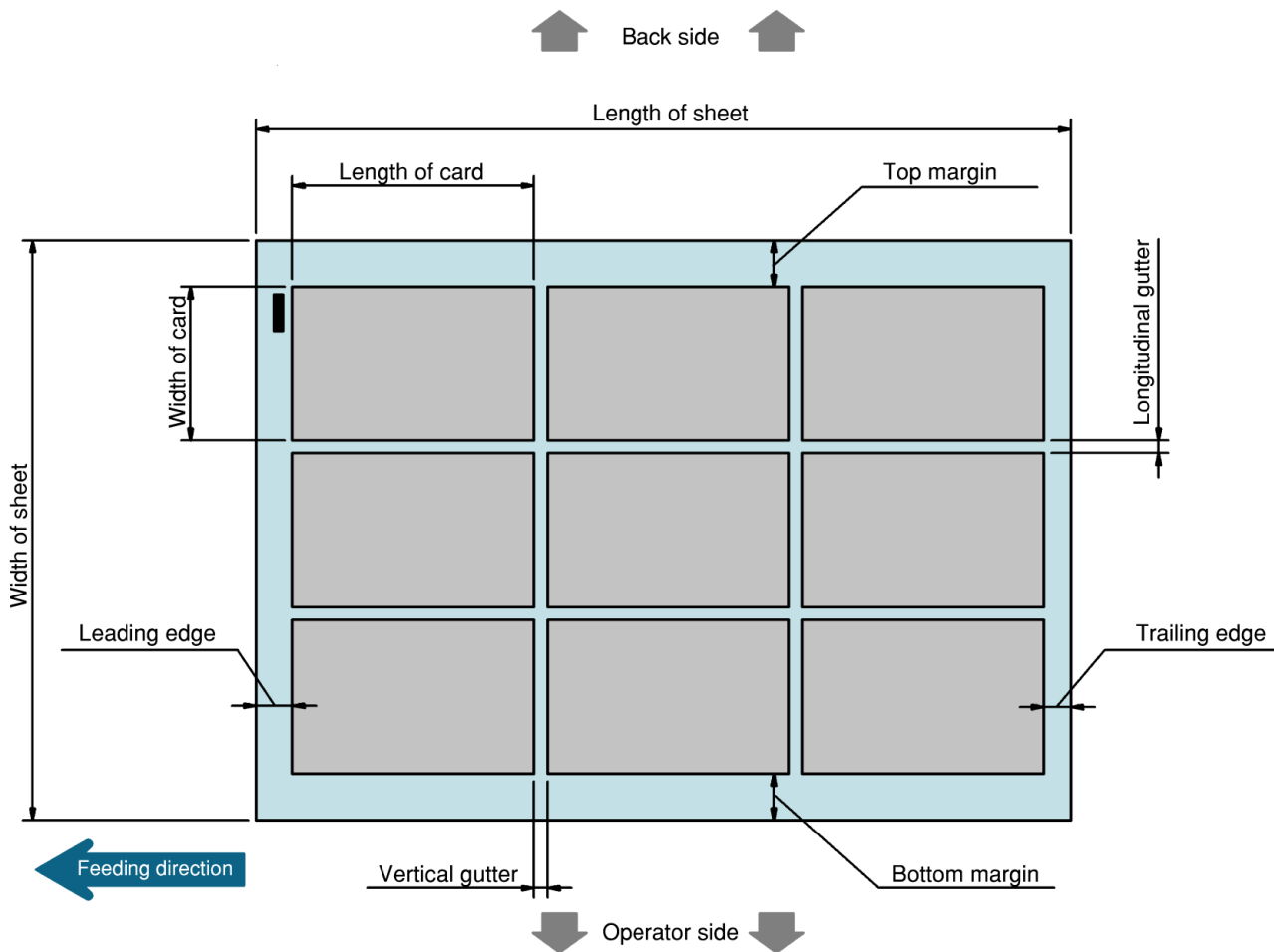
Use suitable paper stocks which weight is 120 to 400gsm (0.005” – 0.017”).

These paper stocks are not suitable in use.

- Papers that have heavily electric static charged. It may cause miss-feed, double feed or paper jam.
- Papers that are more than 0.125” curled or waved. It may cause miss-feed, double feed or paper jam.
- Papers that have ink or toner not fused properly. It may cause contaminating the work and the machine.
- Papers that are too slippery. It may cause miss-feed or inaccurate results.
- Prints that are shrank, stretched or skewed inconsistently. It may cause inaccurate results.



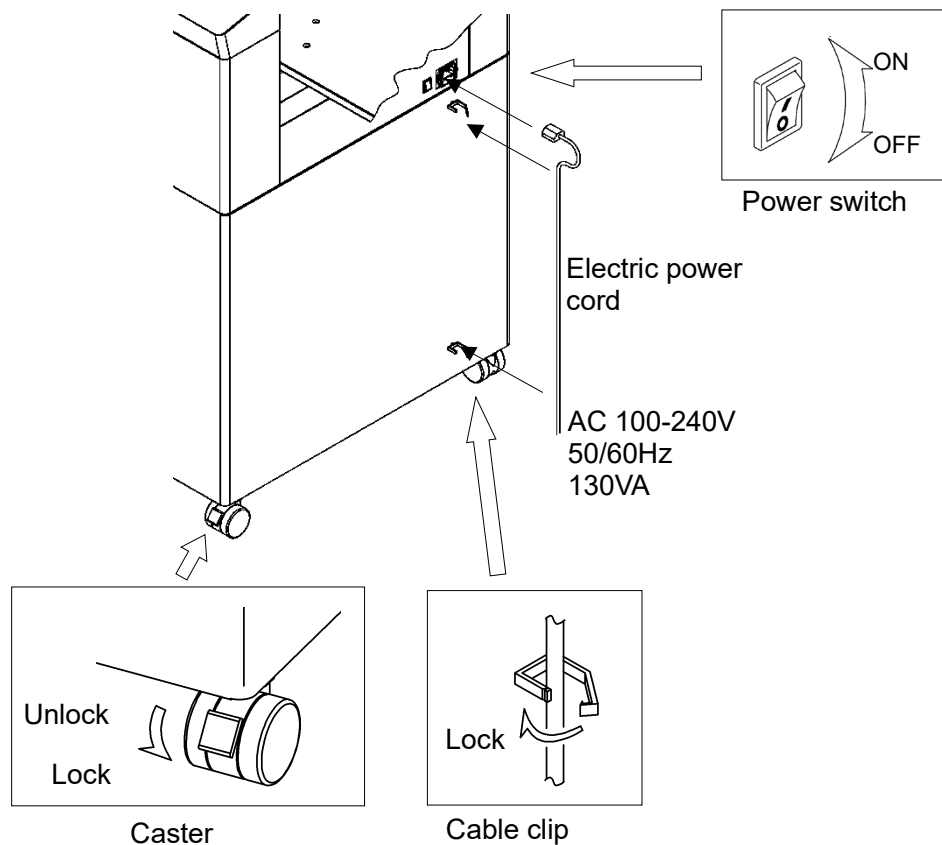
# 1.5 Layout terminology



## 2 Operating instructions

### 2.1 Lock caster brakes.

### 2.2 Turning the power on



<b>Warning</b>	
	<p>Be sure to connect the power cord to a grounded outlet. If the ground is not securely connected, it could lead to electric shock or fire.</p>

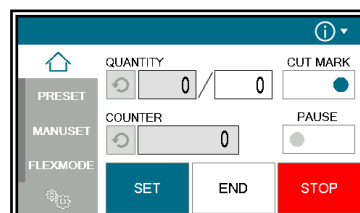
Power on



Opening screen

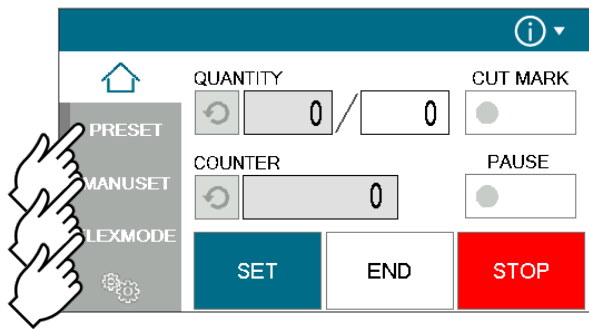


Home screen



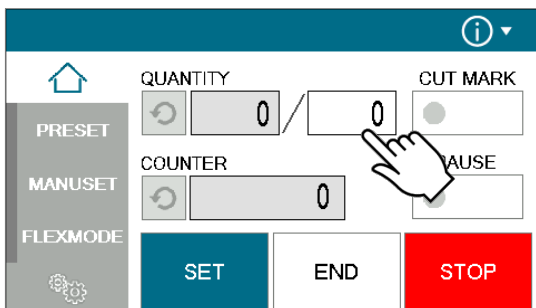
## 2.3 Input

- 1 Enter the cut pattern.

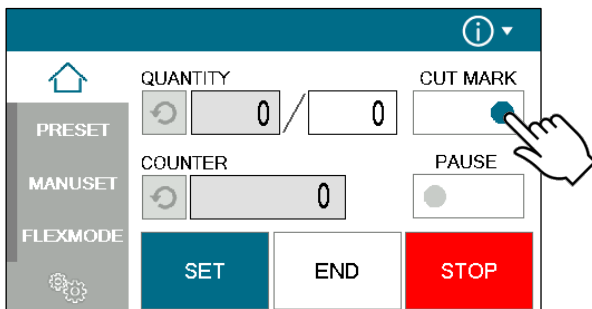


PRESET Page.18Error! Bookmark not defined  
 MANU SET Page  
 FLEX MODE Page

- 2 Enter the number of sheets for operation. When 0 is entered in the number of sheets, the machine will continue to process all the sheets on the feed table.



- 3 Touch the screen to have **CUT MARK** to activate cut-mark registration. When it is on, the machine reads the cut-mark and cross cuts at proper positions even the image is drifted.



### NOTES:

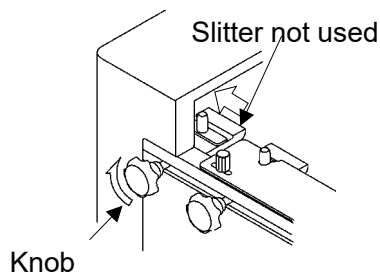
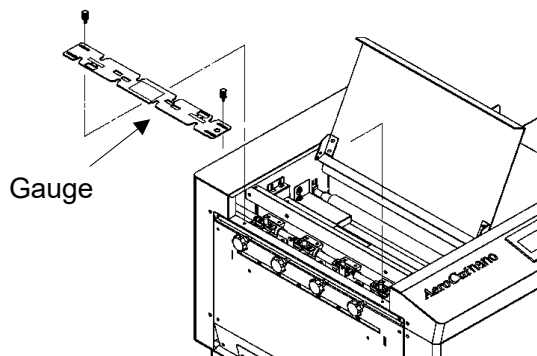
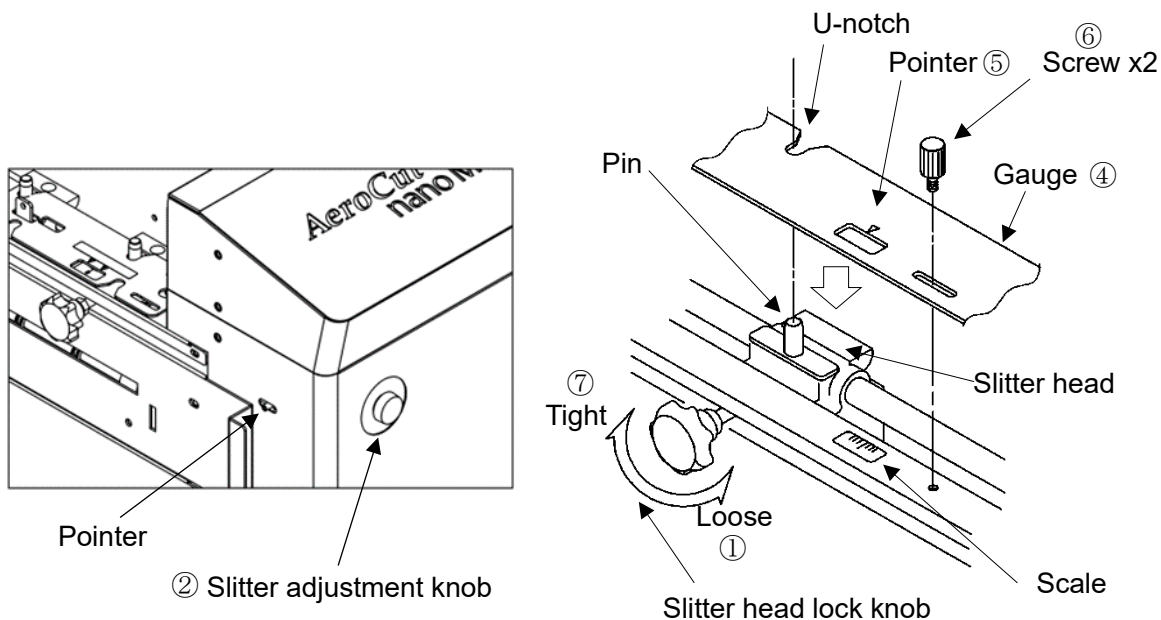
The sensor that detects cut marks uses infrared light.

Toner or ink on the print may reflect the infrared light, causing the cut mark sensor to not work properly.

## 2.4 Gauge (Insta-Set bar) setting

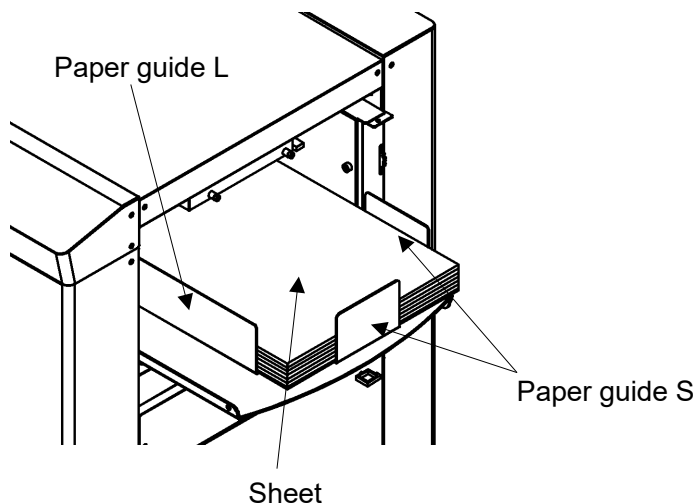
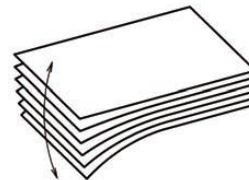
- ① Loosen the slitter head lock knob.
- ② Turn the slitter fine adjustment knob to align the pointer with the center.
- ③ Hold the knob and move the slitter head by hand.
- ④ Align the slitter head pin with the notch on the pitch gauge and place the pitch gauge on the slitter head.
- ⑤ Move the pitch gauge left and right to align the pointer with zero on the scale.
- ⑥ Tighten the screws.
- ⑦ Tighten the slitter head fixing knob.

The slitter head may not be used in some cases. In that case, place the unused slitter head outside of the pitch gauge and tighten the fixing knob.

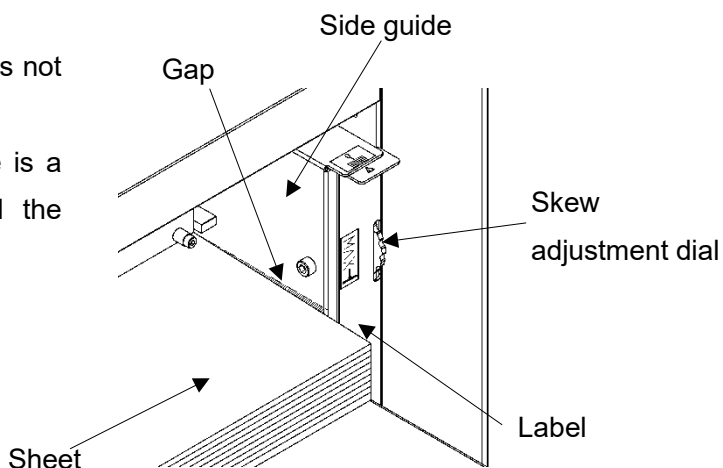


## 2.5 Paper setting



- ① Press the **START** button on the home screen if the feed table is in upper position. The feed table moves down to the lower dead point.
- ② Flip through the sheets well before you put them on the feed table.
- ③ Set the sheets on the feed table. Use the paper guide L & S to fix the sheets.



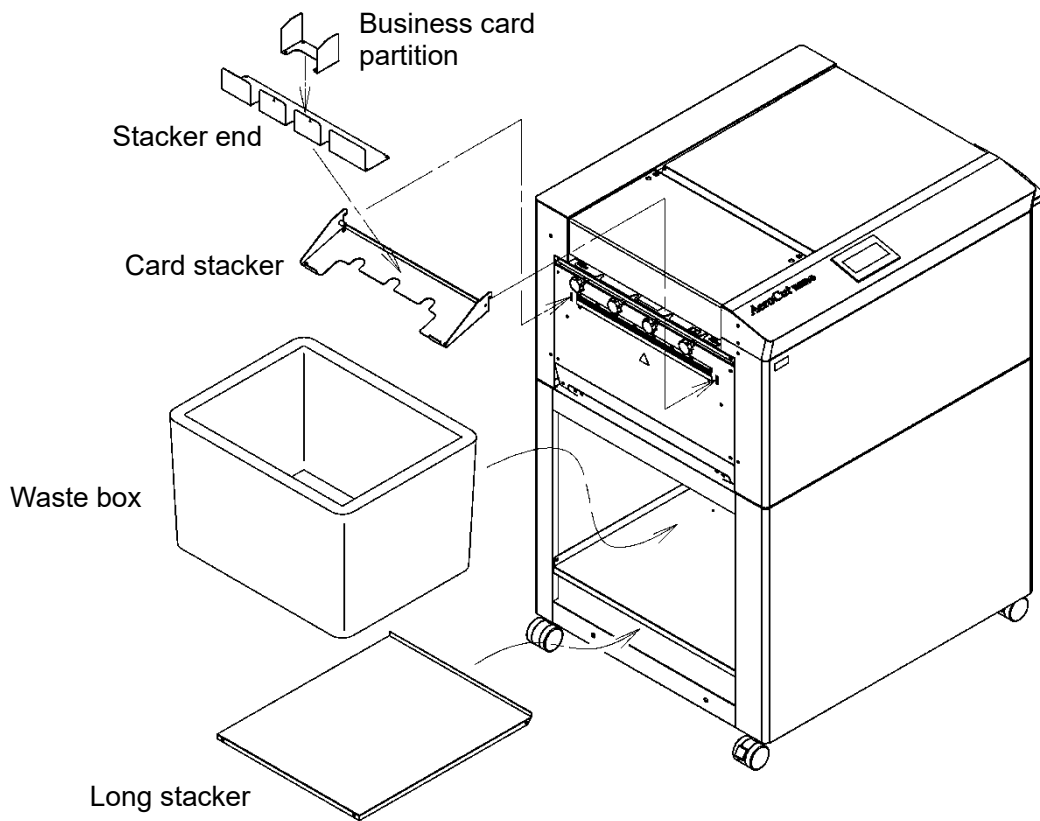
- Paper loading capacity is 1.2”.
- Make sure that the paper stack does not exceed the MAX label.
- It affects finishing accuracy if there is a gap between the side guide and the sheets.



- If the print is skew on the sheets, the angle of the side guide can be adjusted.

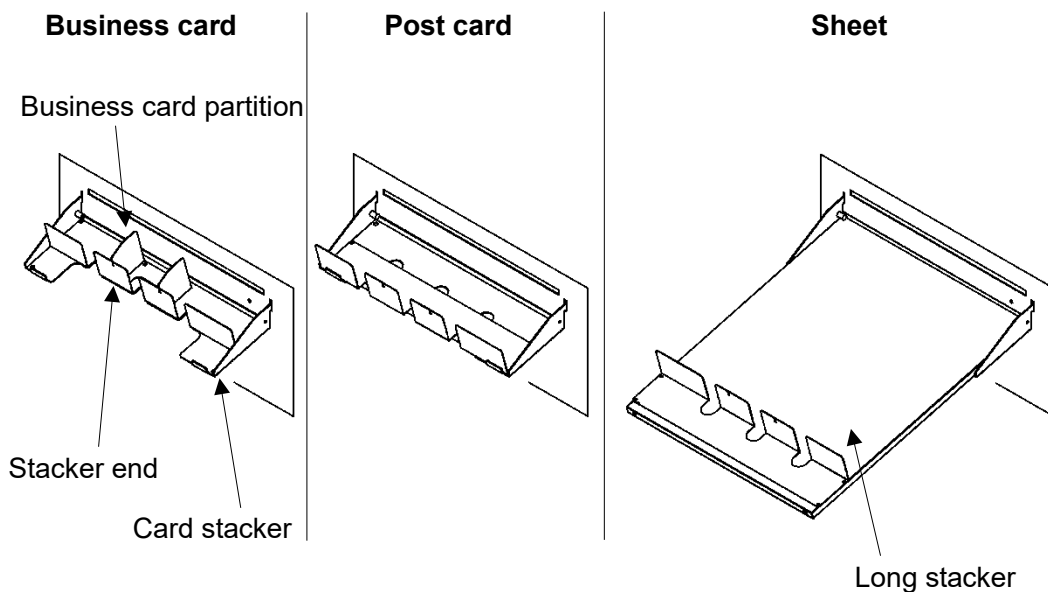
 <h2 style="margin: 0;">Warning</h2>	
	<p>Don't put hands inside work area. May result in severe injury.</p>

## 2.6 Stacker and Waste box settings



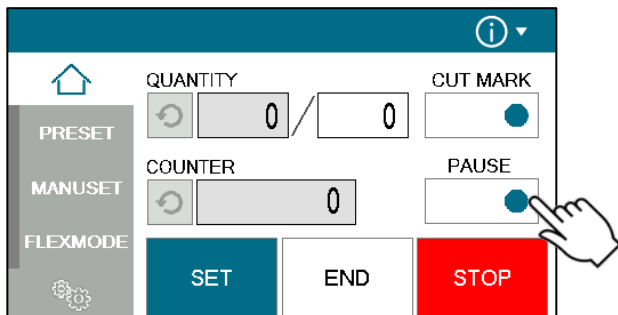
Put the long stacker in the storage underneath the waste box while not in use.

- Change the settings of the stacker according to the cut pattern.

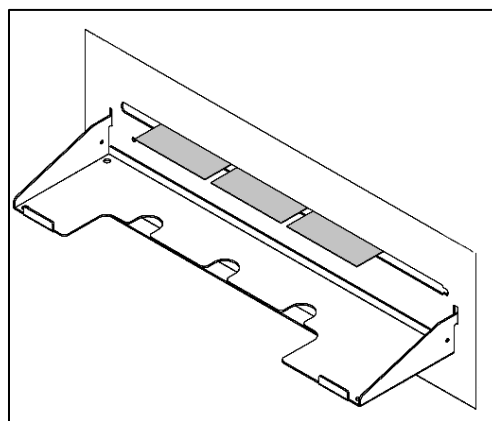
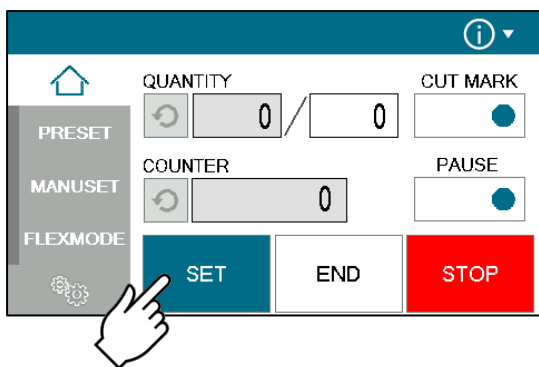


When cutting papers into Business cards

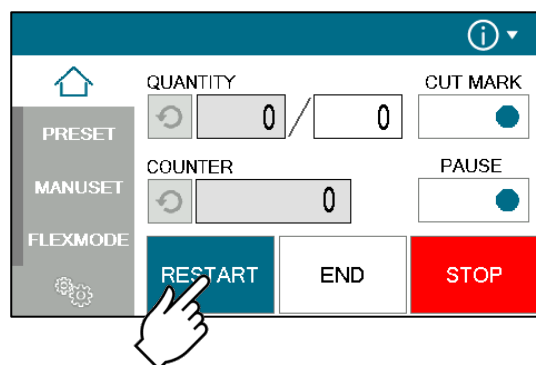
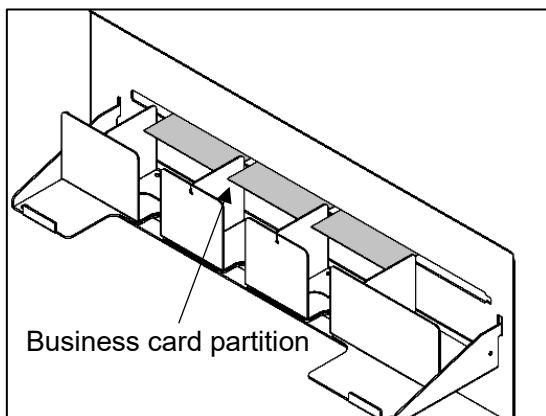
- ① Press the **PAUSE** button before starting to process.



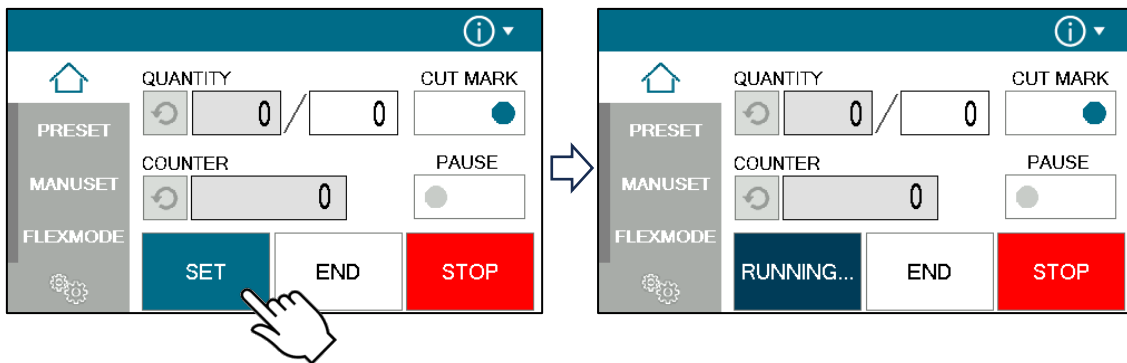
- ② After pressing the **START** button, the machine will pause near the ejection of the first row of cards.



- ③ Place the business card partitions according to the positions of the paused cards.
- ④ Press the **RESTART** button to restart the process.

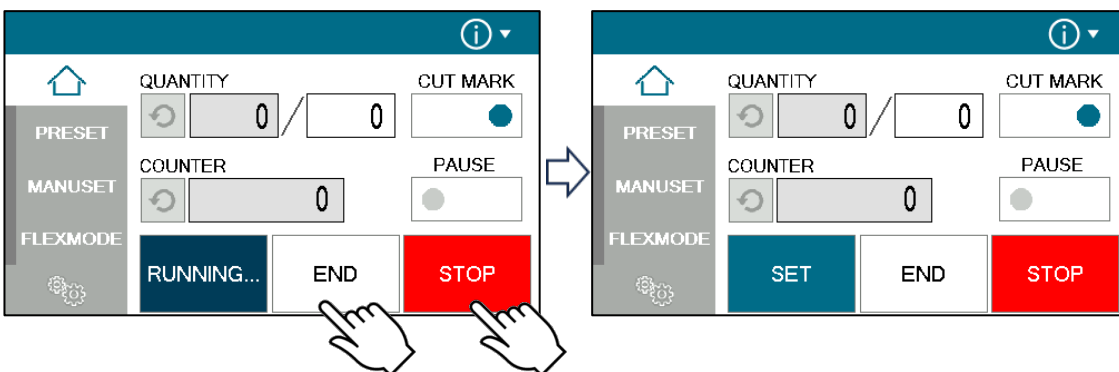


## 2.7 Start



- Press **START** to start an automatic operation. The display will change to **RUNNING**.
- After processing the entered number of sheets in quantity, the machine stops automatically.
- Do not open the Safety cover while the machine is running. Machine will stop immediately.

## 2.8 Stop

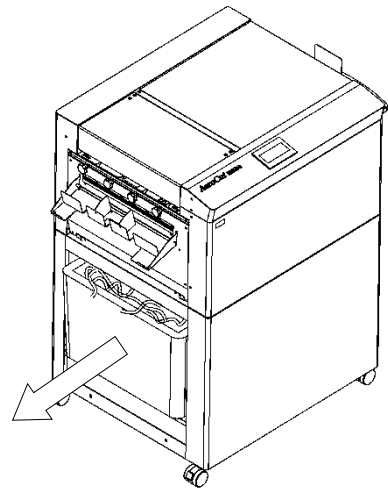


- Press **STOP** and the machine will make an EMERGENCY stop even if the operation is underway.
- Press **END** if you wish to stop the machine when the current sheet is completed.
- If paper is left in the machine, remove it by inching.



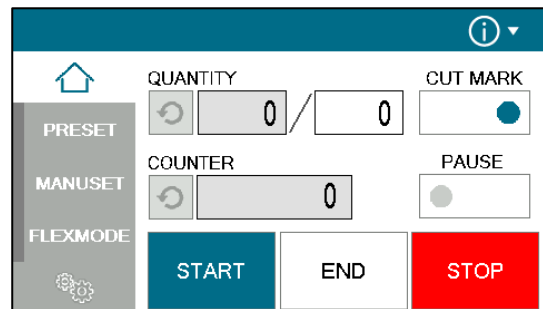
## 2.9 Waste disposal

- Dispose the wastes in the waste box appropriately.
- Overloading wastes causes errors or a breakdown.




## 2.10 Power off

- Make sure that the machine is stopped.
- Return to the Home screen.
- Turn off the Power switch.



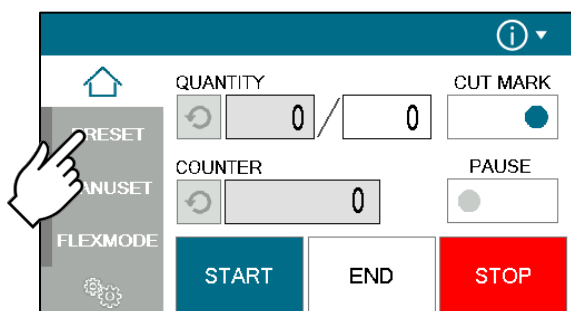
### 3 Cut pattern input

#### 3.1 Outline

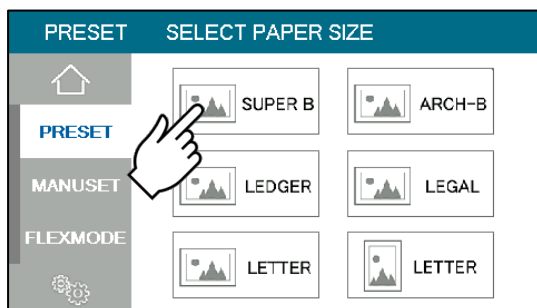
	<p><b>PRESET</b></p>	<p>PRESET is a series of cut patterns that are already stored in the machine.</p>
	<p><b>MANUSET</b></p>	<p>In MANUSET mode, user programs can be created and stored into the machine.</p>
	<p><b>FLEXMODE</b></p>	<p>In FLEX MODE, you can generate user data with a lot of flexibility in layout. And also, these data can be stored into the machine.</p>

#### 3.2 PRESET

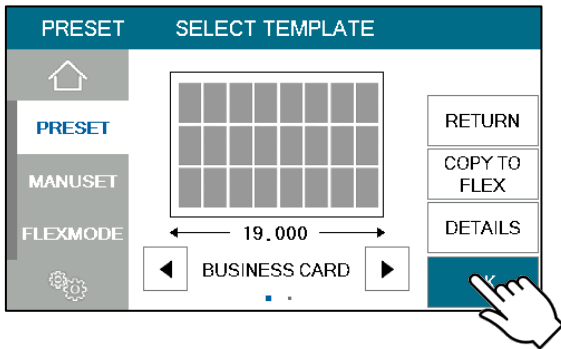
- ① Press the PRESET.



- ② Press the size of the original sheets.

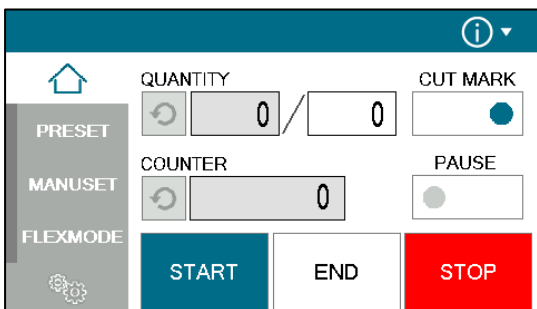


- ③ Select a cut pattern and press **OK**.



	Cut pattern can be checked in detail and the measurements can be changed. Refer to MANUSET for measurement setting procedures.
	Copy the selected cutting pattern to FLEX MODE, then move to FLEX MODE screen.
	Confirm the cut pattern.
	Cutting pattern switching.
	Return to the previous page.

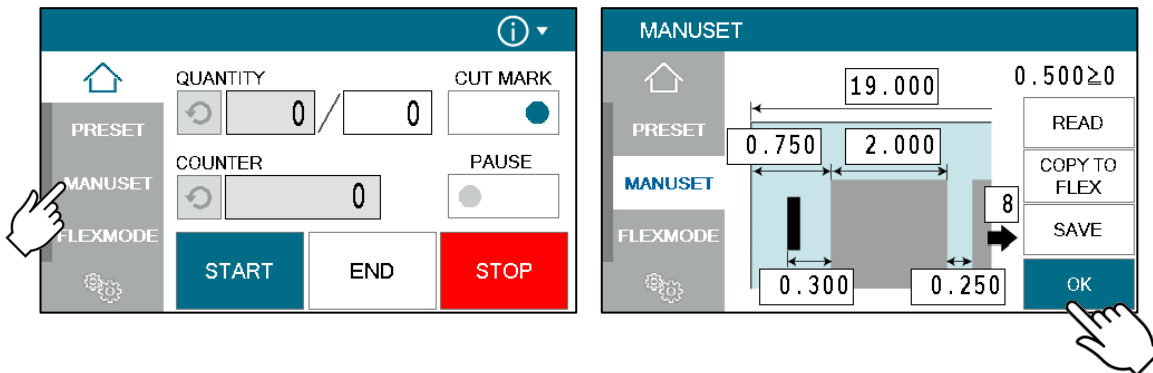
- ④ The machine recalls the preset pattern and automatically returns to the home screen.



### 3.3 MANUSET

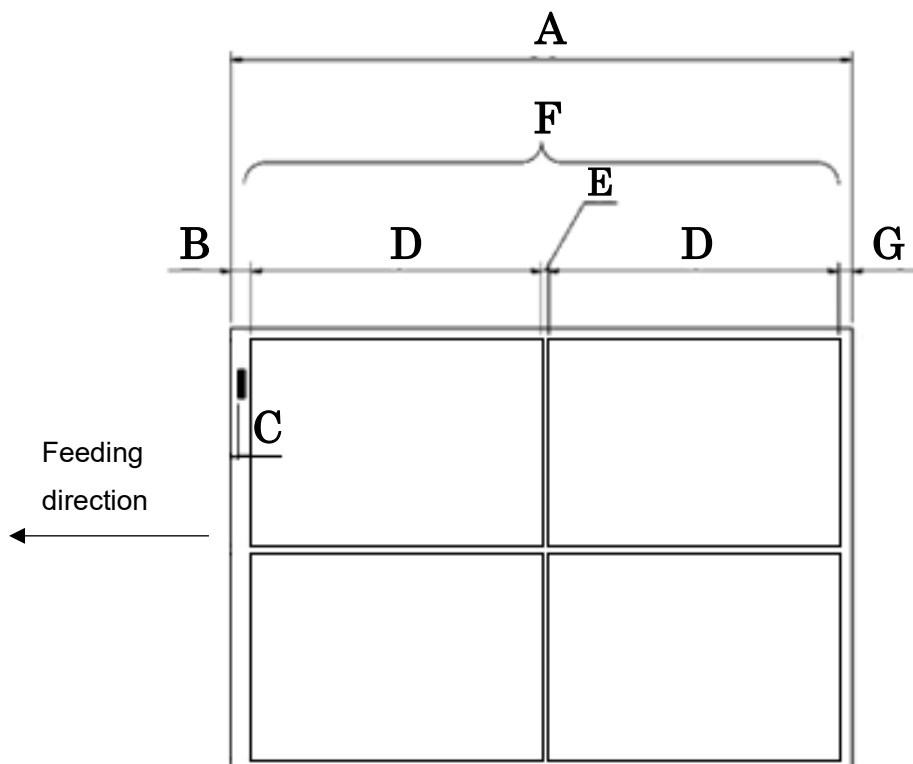
In the MANUSET, you can enter work that repeats the same size.

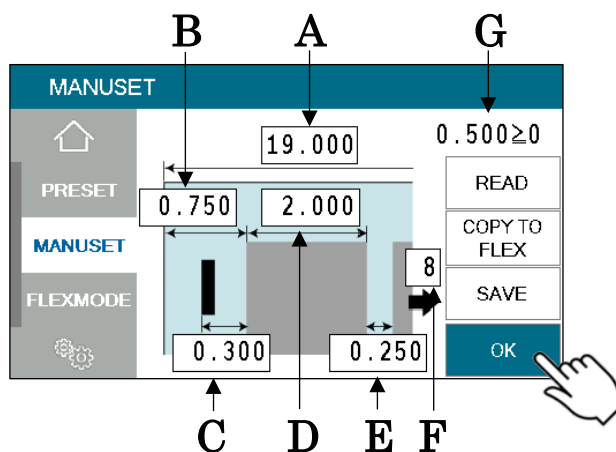
- ① Press **MANUSET**.
- ② The screen displays the current cut pattern.



READ	Move to User Program Selection Screen.
COPY TO FLEX	Copy the selected cutting pattern to FLEX MODE, then move to FLEX MODE screen.
SAVE	Save Cut pattern as inputted into User Program memory.
OK	Confirm Cut pattern as inputted.

- ③ Values A through F can be changed freely. The value of G is automatically calculated.





- ④ Touch the number on the screen to enter the value.  
 Press **OK** when you have finished entering the value.

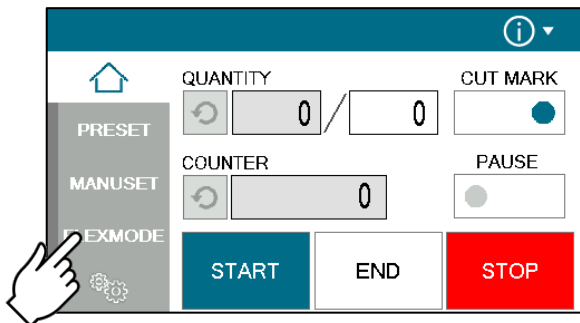
There are some limitations in value as shown on below table.

	[inch]
A: Paper size	8.25 ~ 19
B: Leading edge size	It doesn't make the first cut if 0 is entered.
C: Cut-mark Position	Only smaller number than the front margin can be entered.
D: Cut size	1.97 ~
E: Gutter size	0.08 - (Depending on paper) When 0 is entered, the machine makes single cuts.
F: Repetition Count	Enter the number of repetitions.
G: Trailing edge	Layout should be kept below 0.6.

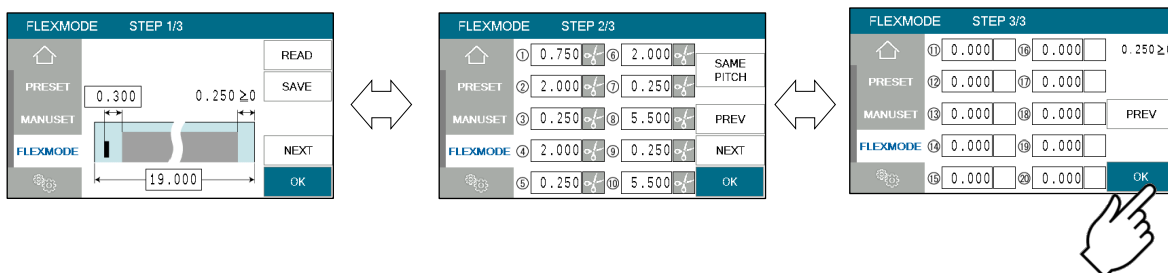
### 3.4 FLEX MODE

FLEX MODE allows you to enter work with a high degree of freedom, which is not possible with MANUSET. Use it when card dimensions are irregular.

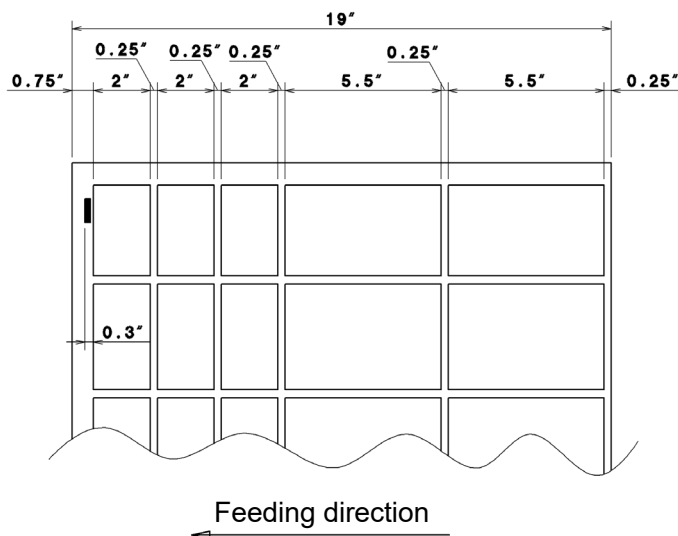
- 1 Press FLEX MODE.



- 2 Enter the total length of the paper, the position of the cut mark, and the processing details from 1 to 20. In this example, the cut pattern shown below is entered.
  - If the pitch of 0.0 is input, all the pitches after that one is corrected to 0.0 (no operation).
  - Pressing **SAME PITCH** copies the No. 1 pitch and its relevant operation to No. 2 to No. 20 pitches.
- 3 When data input is completed, Press **OK** to Home Screen.



READ	Move to User Program Selection Screen.
SAVE	Save Cut pattern as inputted into User Program memory.
PREV	Return to the previous page.
NEXT	Go to the next page.
OK	Confirm Cut pattern as inputted.



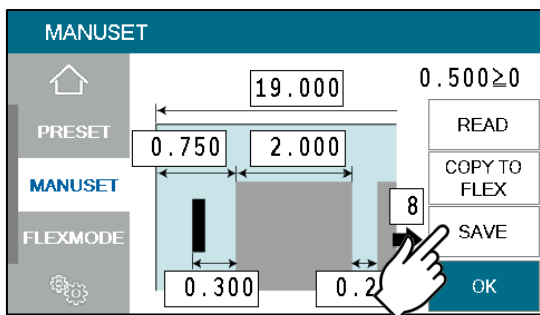
### 3.5 Save / Read

- 40 of MANUSET user data can be stored.
- 40 of FLEX MODE user data can be stored.
- SAVE/READ procedures are same in each mode.

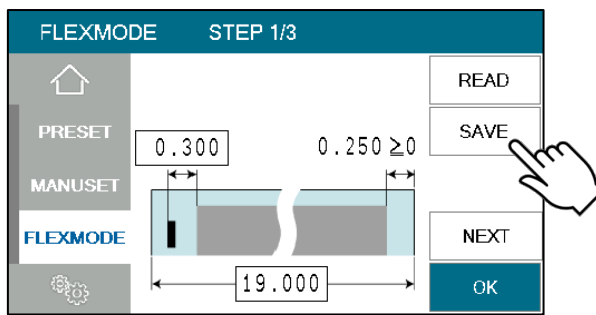
#### 3.5.1 Save

① Can store the contents of the MANUSET or FLEX MODE, Press the **SAVE**.

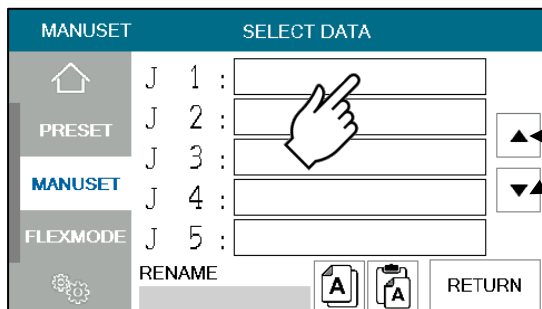
MANUSET screen



FLEX MODE screen

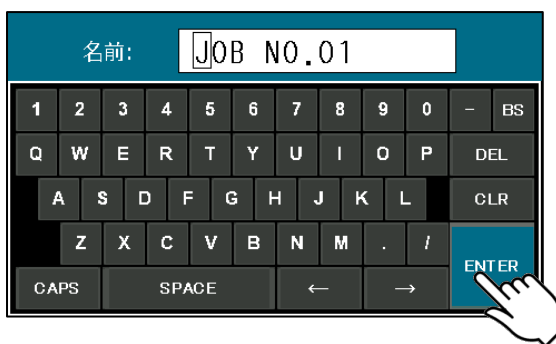
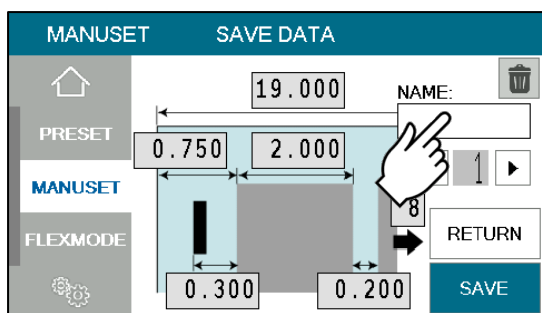


② Press the button in which you wish to make a registration.

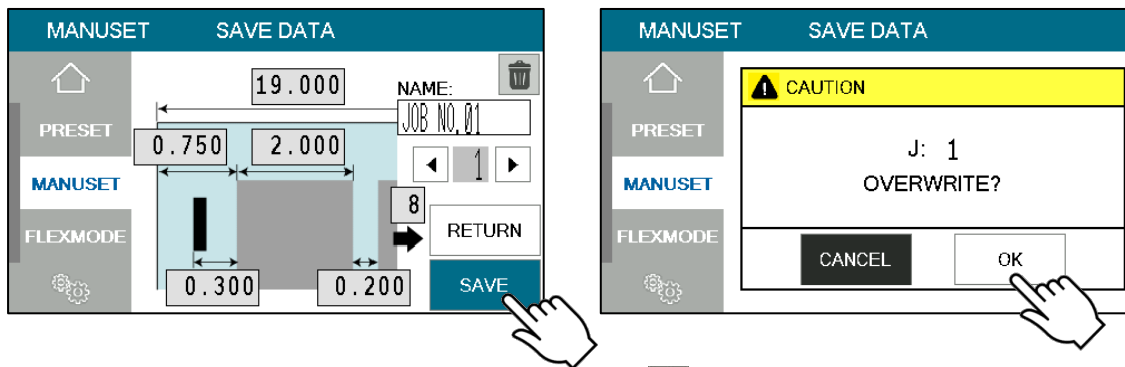


Move to the next page.

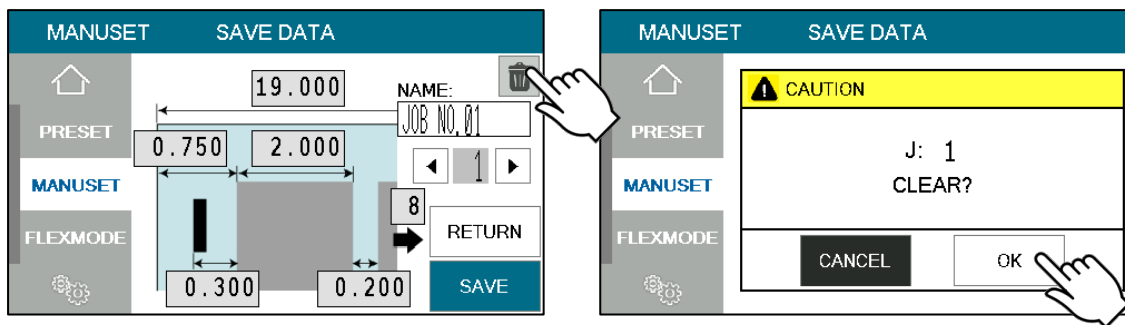
③ Enter the name for registrations.



- ④ This message will be shown if **SAVE** was pressed. Then press **OK** and save data.



- ⑤ Saved user data can be deleted with a press of .

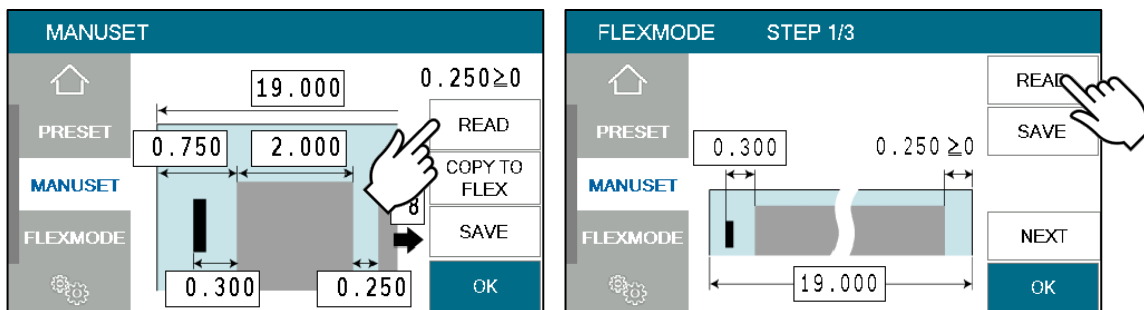


### 3.5.2 Read

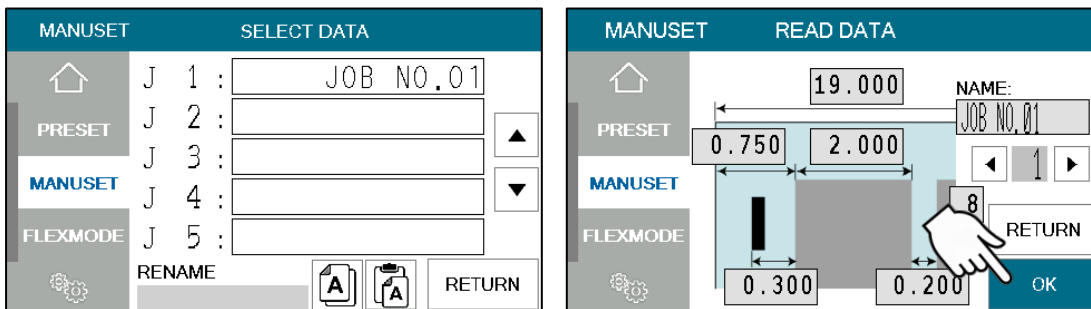
- ① Can store the contents of the MANUSET or FLEX MODE, Press the **READ**.

MANUSET screen

FLEX MODE screen




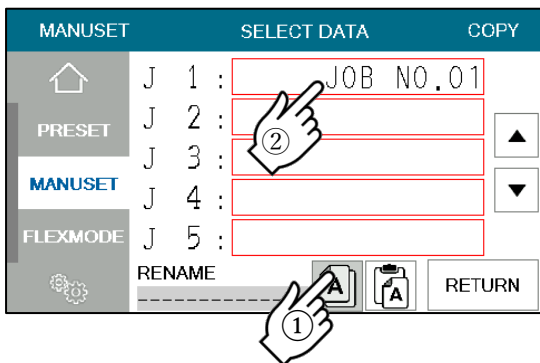
- ② Press the button of the name you wish to retrieve  
 ③ Confirm the details of the program for retrieval. Data can be accessed with a press **OK**.




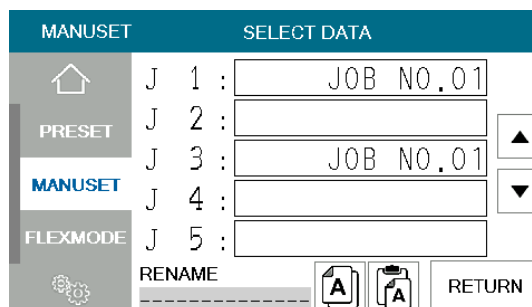
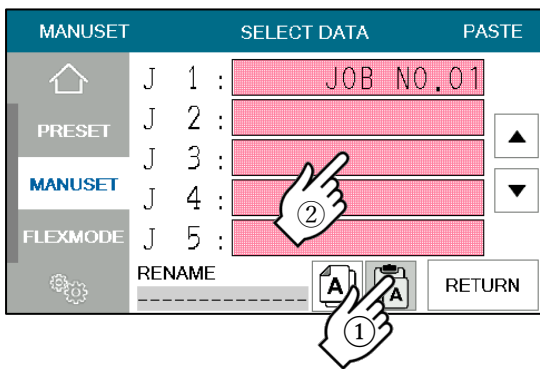


### 3.5.3 Copy and Paste Job name

- ① After pressing , select the job name you want to copy, and it will be copied to the box below.



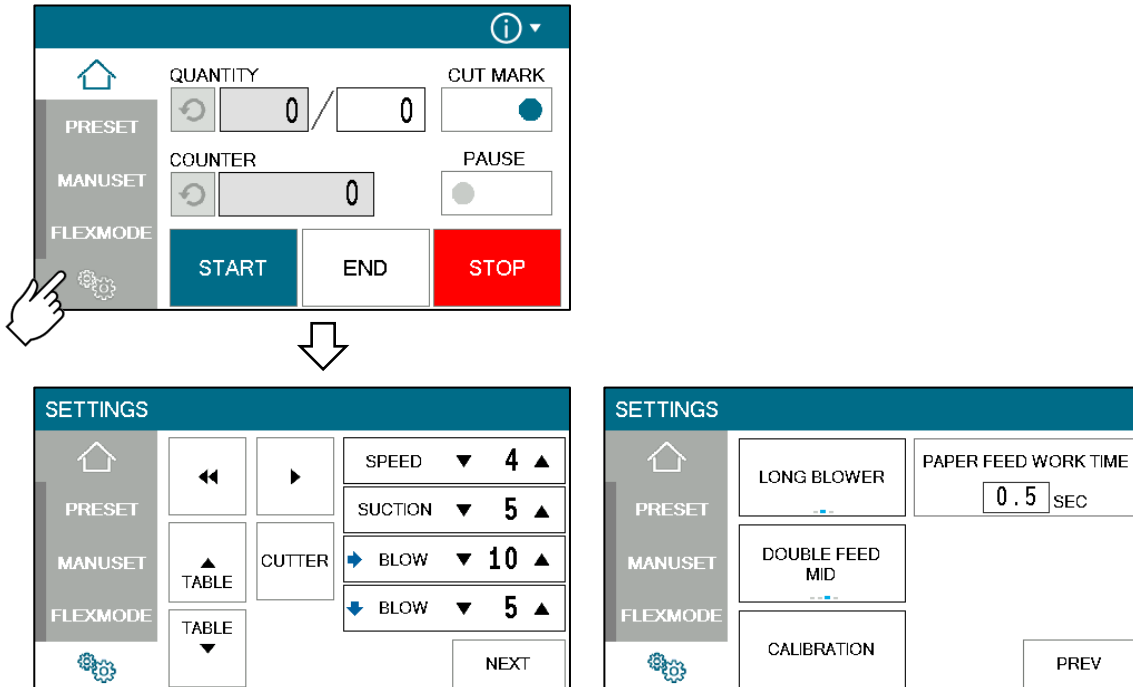
- ② After pressing , select the job you want to paste, and the copied job name will be pasted.



## 4 Adjustment

### 4.1 Adjustments on the paper feed section

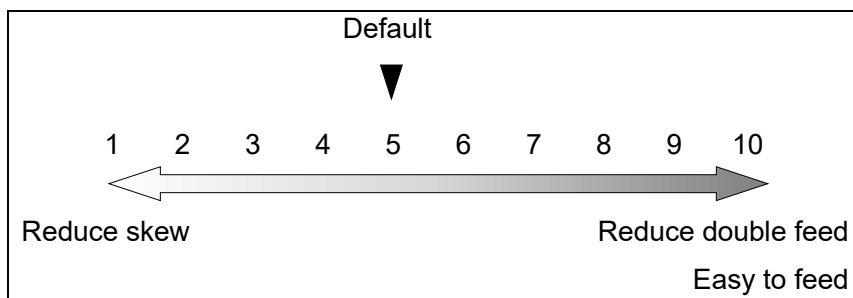
- Adjustments are required when the machine is likely to feed double or skew.



#### 4.1.1 Change speed

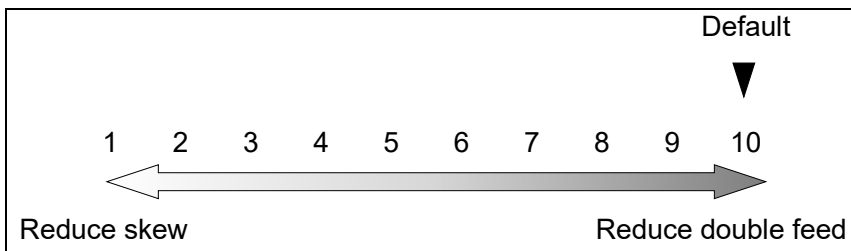
There are four feeding speed levels.

#### 4.1.2 VACUUM adjustment



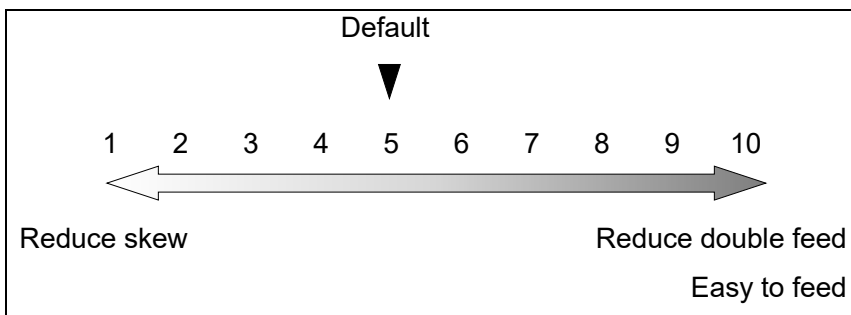
- Double paper feeds may occur in case of feeding thin or low-density papers. In such cases, turn down the VACUUM.
- Empty feed may occur in case of feeding heavy paper. In such a case, turn up the VACUUM.
- VACUUM will be turned off when the value is 0.

### 4.1.3 → Lower suction adjustment



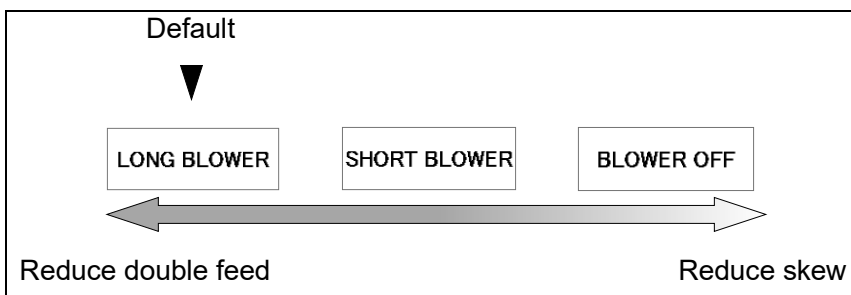
- BLOW will be turned off when the value is 0.
- Empty feed may occur when paper is heavy. In such cases, turn up the blower.
- Papers with statics may cause double paper feed. In such cases, turn up the blower.

### 4.1.4 ↓ Side blow adjustment

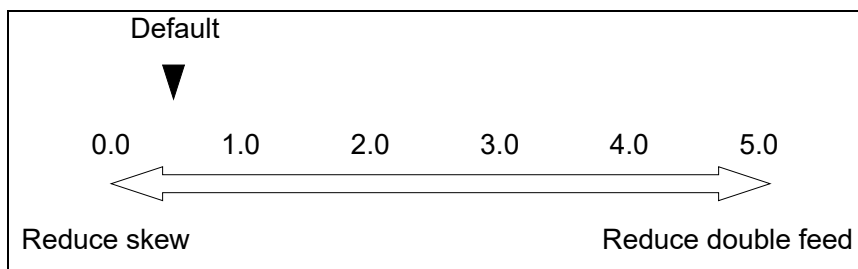


- BLOWER will be turned off when the value is 0.
- Thin paper might be bent and fed. In this case, turn down the side blower.
- Empty feed may occur when paper is heavy. In such cases, turn up the blower.
- Papers with statics may cause double paper feed. In such cases, turn up the blower.

### 4.1.5 Air blow adjustment

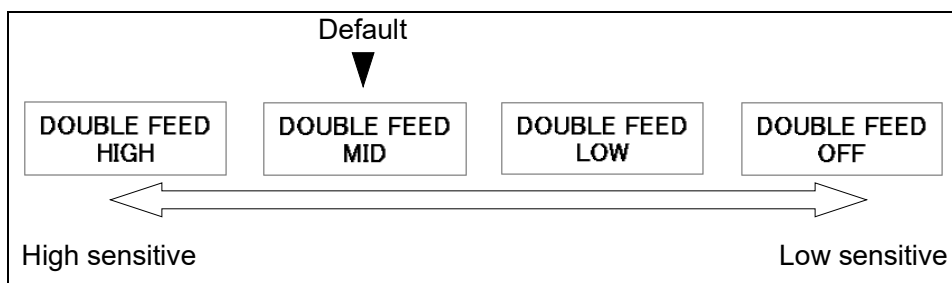


### 4.1.6 PAPER FEED WORK TIME adjustment

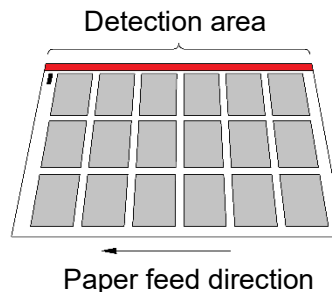


- 0.5 sec. is the default setting.
- Paper fed work time can be adjusted with a fraction of 0.1s.

### 4.1.7 Sensitivity of Double feed sensor



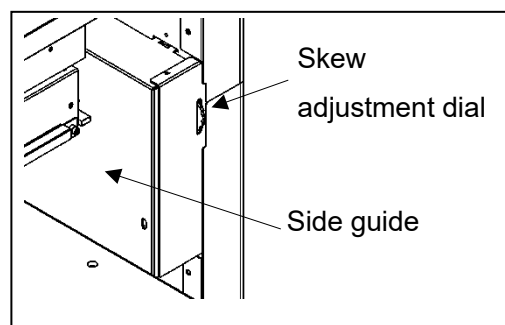
- If the machine detects double feed even with a single sheet, lower the sensitivity of the detection sensor.
- The detection sensor detects double feed by checking the edge of sheets as shown on the drawing. It is recommended not to print on the sheet edge.



### 4.2 Skew adjustment

- If print is skew on the sheet, the angle of the side guide can be adjusted.

- ① The angle of the side guide changes as the skew adjustment dial is turned.
- ② Set the sheets again.

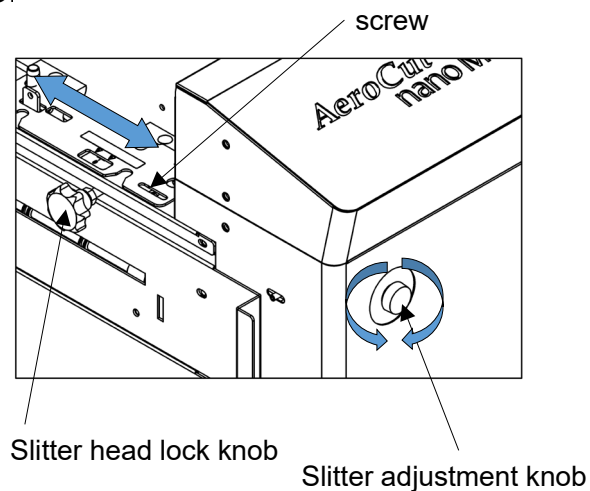


### 4.3 Fine adjustments on processing position

- Make sure the original sheets are printed correctly and consistently.

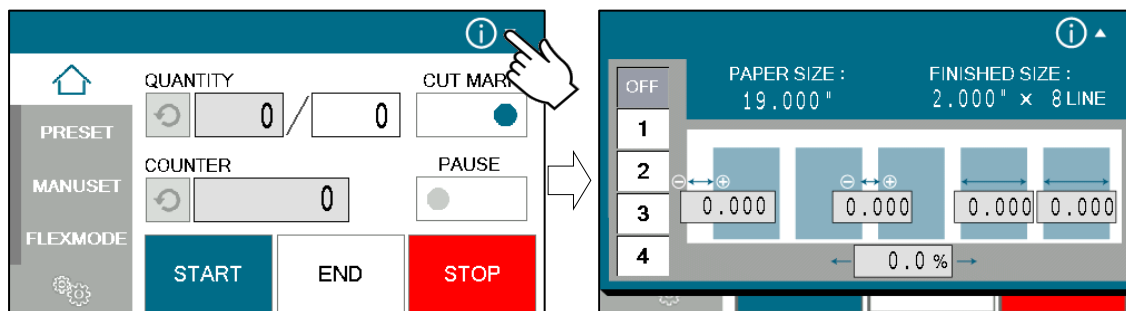
#### 4.3.1 Fine adjustment of slit position

- Loosen the screw, and then turn the slit head fine adjustment knob.
- The gaps between the slit heads are not adjustable.
- If the slit head is let out, loosen the slit head lock knob before adjustment, and retighten it after adjustment.

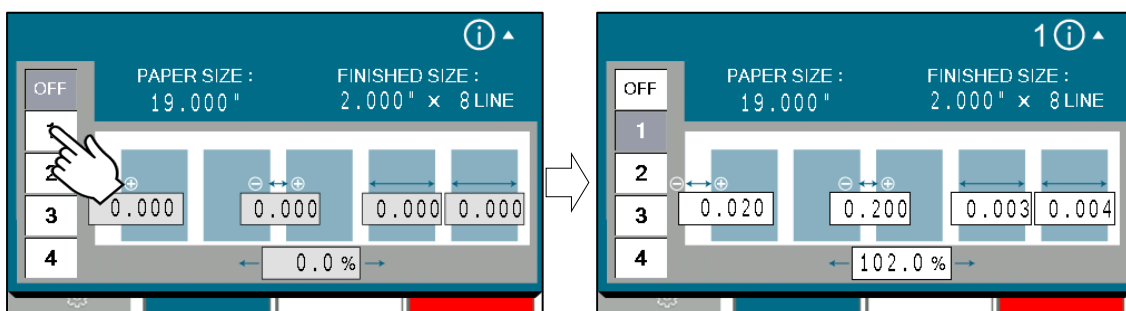


#### 4.3.2 In cases cutting positions don't match to image positions

- Image shift compensation tab will pop up by pressing button.



- Select an Image shift compensation setting.
  - patterns of Image shift compensation setting can be saved in **1**~**4**.
  - When processing without any compensation, select **OFF**.

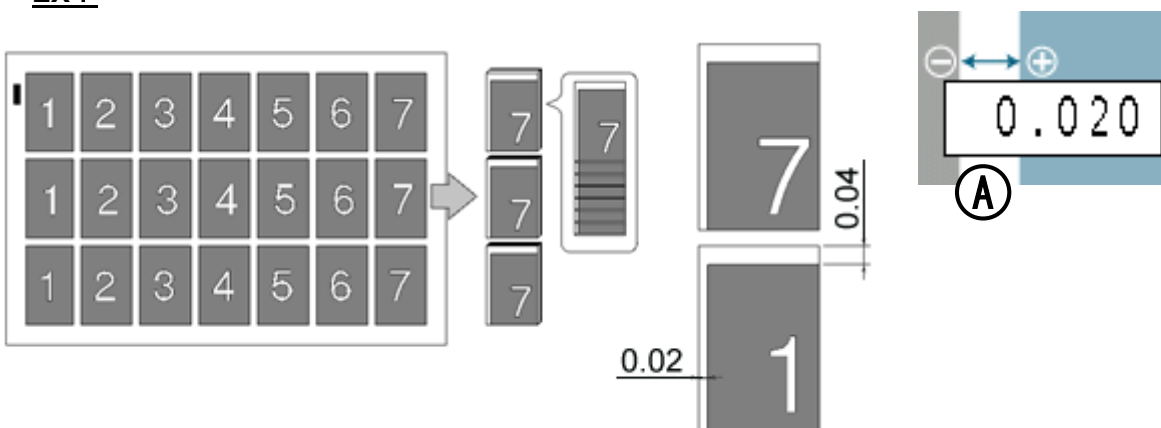


Compensate the image shift by following procedure.

When the leading edge and top margin are different from the artwork file.

- If the leading edge was printed larger(shorter) than as it should be, the images on cards seem moved to right(left).  
⇒Enter a  $\ominus$  ( $\oplus$ ) correction value in A to cut the leading edge longer.
- If the top margin was printed wider(narrower) than as it should be, the images on the cards seem moved to the bottom(top).  
⇒Turn the slitter adjustment knob to adjust the slit position.  
(Ref. 4.3.1 Fine adjustment of slit position)

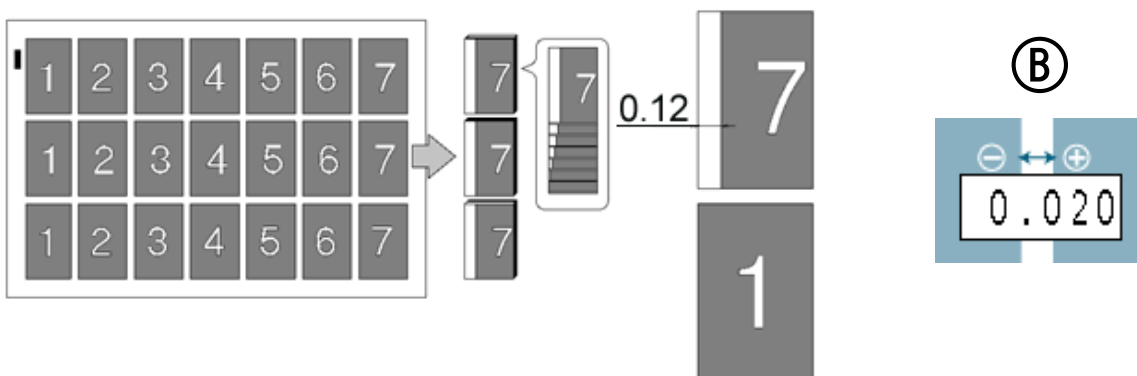
**EX :**



When the images on the cards seem moving gradually

- If the print was shrunk(stretched), images on the cards seem gradually moving to left(right).  
⇒Enter a  $\ominus$  ( $\oplus$ ) correction value to B to shorten the gutter length.

**EX :**



In case the gap is 0.12" and there are 6 gutters between cards,  
 $0.12 \div 6 = 0.02$  [inch] should be inputted.

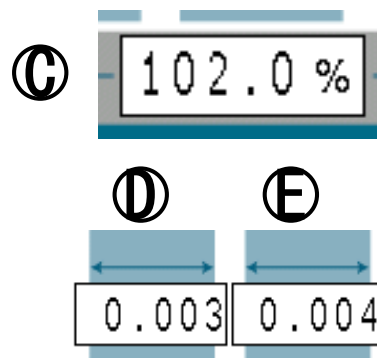
When the print is shrunk or stretched.

- Input ratio into C if the printing is stretching to the feed direction.
- Ensure that when these ratios are changed, all parameters such as card size and gutter size will be changed as well.
- Must be from 80% to 120%

**EX:**

If printing should be 4.000" width, but actual printing is 4.080", input 102.0% into C.

$$\frac{4.080''}{4.000''} \times 100 = 102\%$$

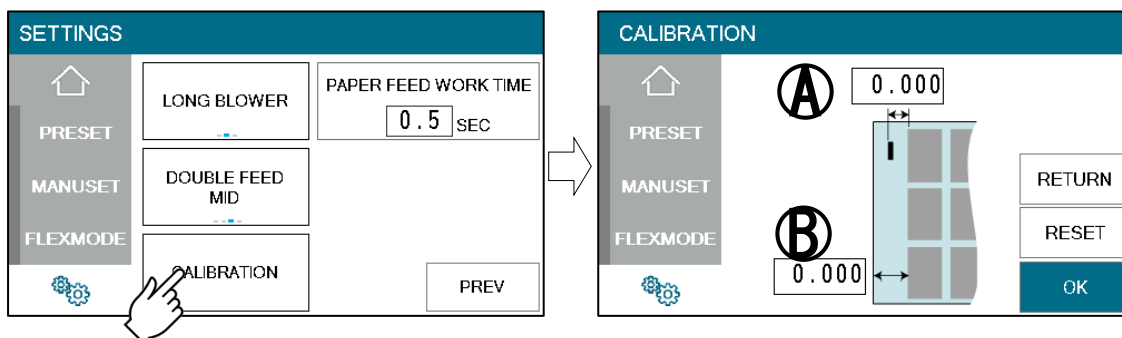


When the lengths of the last 2 cards are different from others.

- Input a correction value to D to compensate the length of the second last card.
- Input a correction value to E to compensate the length of the last card.

**4.3.3 If the cut measurement does not match the input value**

- If the actual size and measurements of output differs from input values, calibrate the machine via ADJUST screen.

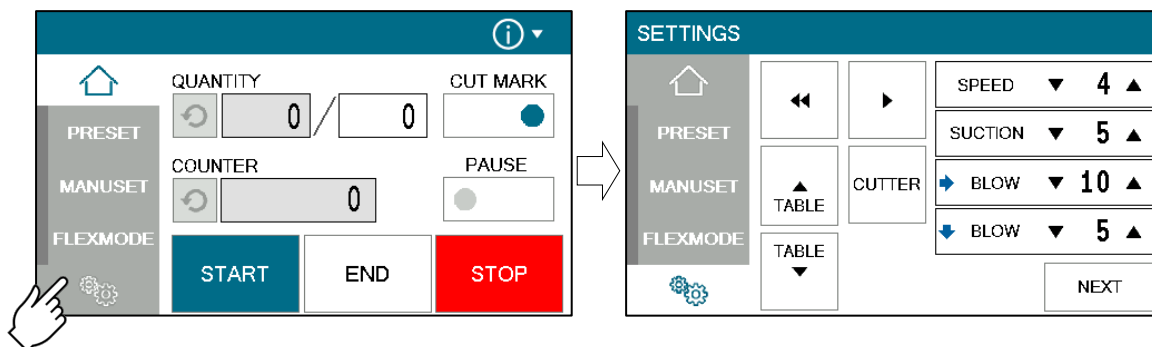




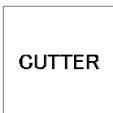


RETURN	Go back to Settings screen without making any changes.
CLEAR	Reset the machine to the factory setting, all the adjusted values will be 0.
OK	Save the adjusted values and go back to Settings screen.

- When using cut marks, enter the value in A.  
Example: If the input value is 10.0 inch and the cut dimension is 9.9 inch  
⇒ Enter +0.1.
- When cut marks are not used, enter the value in B.  
Example: If the input value is 20.0 inch and the cut dimension is 20.3 inch  
⇒ Enter -0.3.

## 5 Manual control

### 5.1 Settings screen

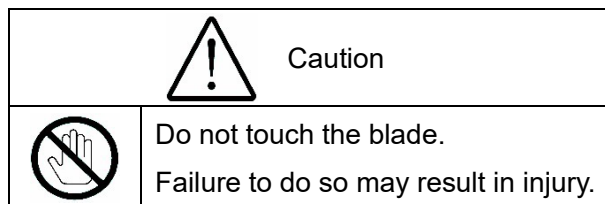


	Feed roller will rotate. Inching.
	Feed roller will rotate in reverse. Inching.
	Guillotine will move once.
 	Feed table will move.



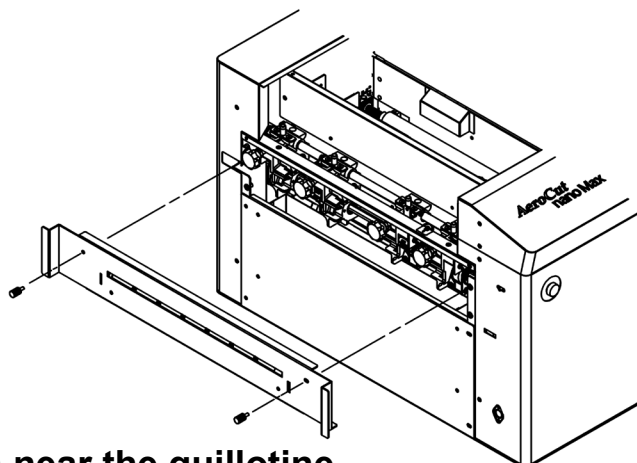
## 5.2 Paper jam

- When a paper jam occurs, use the following method to remove it.



### 5.2.1 Removing paper jam near the outlet

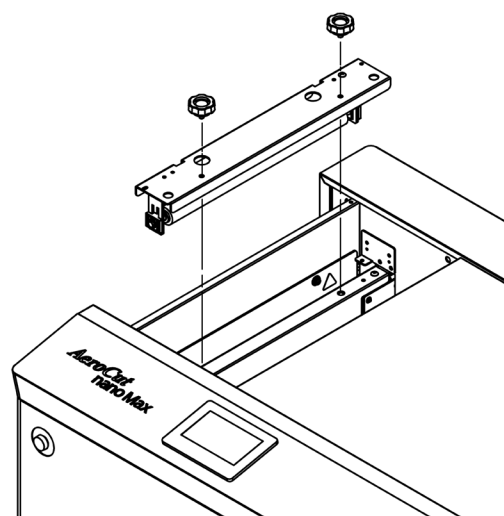
- Remove the outlet cover to remove the paper jam.
- ① Remove the stacker.
  - ② Remove the screws x 2 and remove the outlet cover.
  - ③ Remove the paper jam.
  - ④ Install the outlet cover.




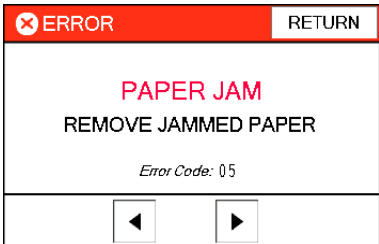


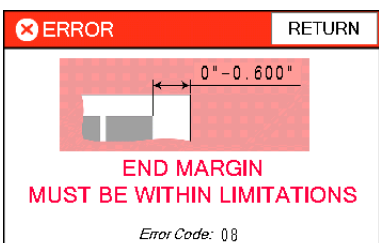
### 5.2.2 Removing paper jam near the guillotine

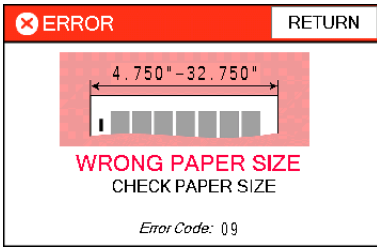


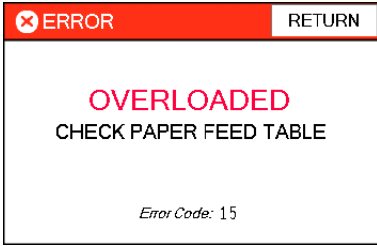
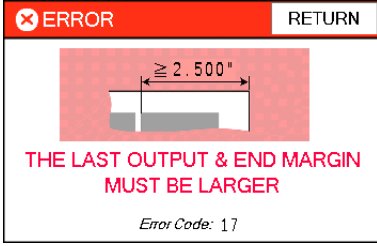
- The paper jam can be removed by removing the transport roller.

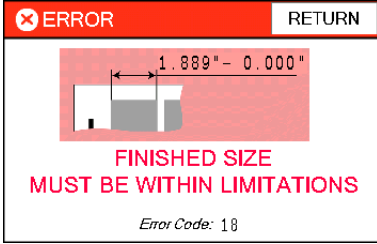

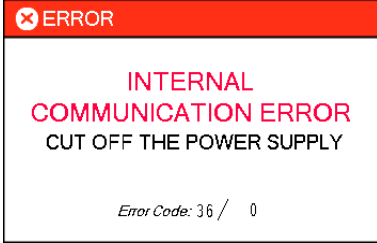
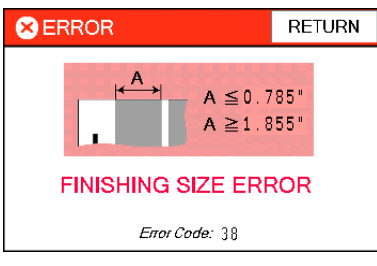

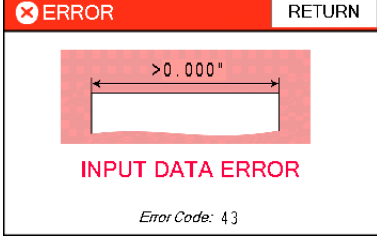
- ① Remove the knobs and remove the roller unit.
- ② Remove the paper jam.
- ③ Install the roller unit.

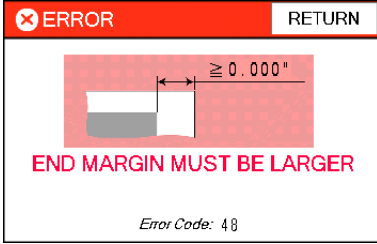

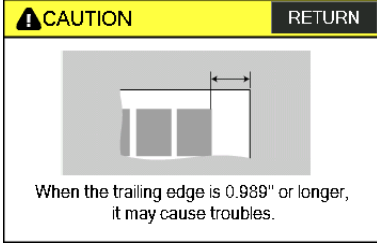
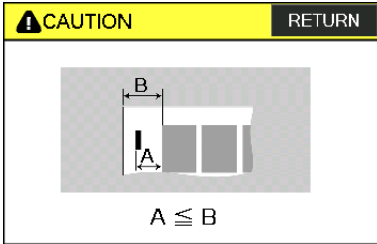
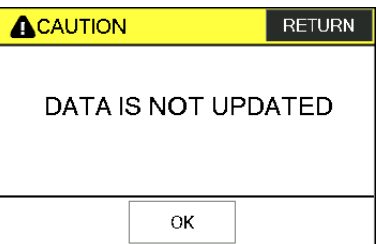


## 6 Error messages

Code	Screen	What to do
04		<p><u>Cover Open error</u></p> <p>Safety cover might be open. Make sure to close the Safety cover closed.</p>
05		<p><u>Cut Paper Jammed error 1</u></p> <p>Paper remains inside the machine. Remove the paper.</p>
06		<p><u>Timeout error 1</u></p> <p>Paper was not fed within a set time period. Check the paper feeder.</p>
07		<p><u>Timeout error 2</u></p> <p>Paper did not pass through within a set time period. Remove the paper remaining inside the machine.</p>
08		<p><u>Back margin error</u></p> <p>Correct the back margin to fit in the value specified below.</p>

<p>09</p>	 <p><b>ERROR</b> RETURN</p> <p>4.750" - 32.750"</p> <p><b>WRONG PAPER SIZE</b> CHECK PAPER SIZE</p> <p>Error Code: 09</p>	<p><u>Paper size error</u></p> <p>Correct the paper size to fit in the value range below.</p>
<p>11</p>	 <p><b>ERROR</b> RETURN</p> <p><b>OVERLOADED</b> CHECK KNIFE UNIT</p> <p>Error Code: 11</p>	<p><u>Overload error 1</u></p> <p>Cutting did not complete within a set time period.</p> <p>Remove the paper remaining inside the machine.</p>
<p>14</p>	 <p><b>ERROR</b> RETURN</p> <p><b>CUT-MARK NOT DETECTED</b> CHECK CUT-MARK or SENSOR</p> <p>Error Code: 14</p>	<p><u>Cut-mark error</u></p> <p>Cut-mark was unable to be detected. Check the cut mark. Eject the paper inside the machine.</p> <p><b>Note.</b> Cut-mark sensor detects the black mark by infrared light. Some types of toner or ink may reflect the infrared light and cause the sensor not reading the cut-mark.</p> <p>Please inactivate the cut-mark registration in such cases.</p>
<p>15</p>	 <p><b>ERROR</b> RETURN</p> <p><b>OVERLOADED</b> CHECK PAPER FEED TABLE</p> <p>Error Code: 15</p>	<p><u>Overload error 2</u></p> <p>An overloading error occurred at the feed table. Check the feed table.</p>
<p>17</p>	 <p><b>ERROR</b> RETURN</p> <p>2.500"</p> <p><b>THE LAST OUTPUT &amp; END MARGIN MUST BE LARGER</b></p> <p>Error Code: 17</p>	<p><u>Final cutting measurement error</u></p> <p>Correct the final cutting measurement to exceed the value specified below.</p>

<p>18</p>	 <p><b>FINISHED SIZE MUST BE WITHIN LIMITATIONS</b></p> <p><i>Error Code: 18</i></p>	<p><u>Cutting measurement error</u></p> <p>Correct the cutting measurement to fit in the value range below.</p> <p>The maximum value is subject to change depending on the entered paper size.</p>
<p>21</p>	 <p><b>MOVE THE CUTTER TO TOP DEAD CENTER</b></p> <p><i>Error Code: 21</i></p> <p>CUTTER</p>	<p><u>Guillotine error</u></p> <p>The cutter blade has moved and is staying at lower position.</p> <p>Move the cutter to top dead center.</p>
<p>36</p>	 <p><b>INTERNAL COMMUNICATION ERROR</b> CUT OFF THE POWER SUPPLY</p> <p><i>Error Code: 36 / 0</i></p>	<p><u>Communication error</u></p> <p>Communication with the touch panel is not possible.</p> <p>Turn off the power, and turn it on again after 5 seconds or longer.</p>
<p>38</p>	 <p><b>FINISHING SIZE ERROR</b></p> <p><i>Error Code: 38</i></p>	<p><u>FLEX MODE input error 3</u></p> <p>Make sure for the first cut line must be 0.785" or shorter from the edge of the paper.</p> <p>If you want to cut off 0.785" or more, please cut off 0.785" or less at first and then cut off again and again.</p> <p>If you try to move the slitter cut line at 1.85" or more position, the slit will be ejected on Paper ejection table instead of waste box.</p>
<p>42</p>	 <p><b>DOUBLE FEED DETECTED</b></p> <p><i>Error Code: 42</i></p>	<p><u>Double feed error</u></p> <p>Check the paper or paper path.</p>
<p>43</p>	 <p><b>INPUT DATA ERROR</b></p> <p><i>Error Code: 43</i></p>	<p><u>FLEX MODE input error 1</u></p> <p>This error results when the three input values shown in the following figure are "0" or lower at FLEX MODE time.</p>

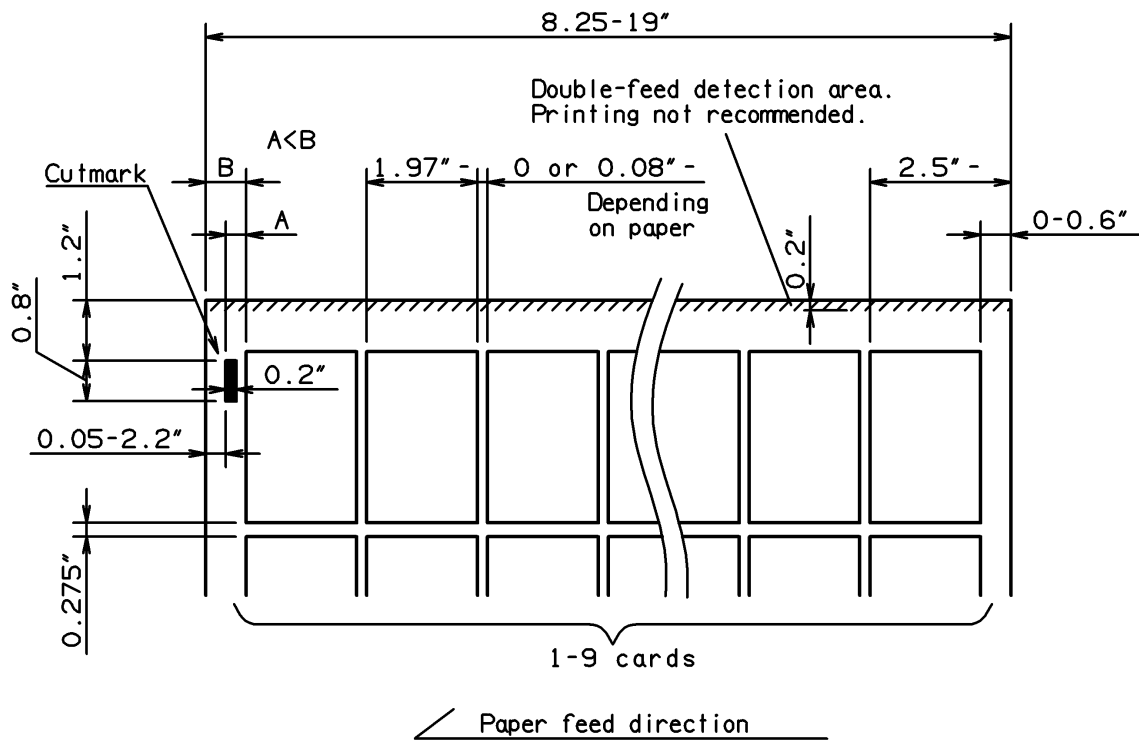
<p>48</p>		<p><u>FLEX MODE input error 4</u></p> <p>Back margin error.</p> <p>Correct the back margin to fit in the value specified below.</p>
<p>65</p>		<p><u>Copy to FLEX error</u></p> <p>The data cannot be processed in FLEX mode.</p> <p>Correct the figures so that the number of actions will be 20 times or less, or proceed in MANUSET.</p>
<p>—</p>		<p><u>Back margin warning</u></p> <p>When the trailing edge is 1.000" or longer, it may cause troubles.</p>
<p>—</p>		<p><u>Leading edge margin and cut mark margin warning</u></p> <p>Correct the measurement so that the leading margin becomes larger than the cut mark margin.</p>
<p>—</p>		<p><u>Update message</u></p> <p>This error message appears as a warning when proceeding to another screen without saving the corrected dimensions in the MANU SET or FLEX MODE screen.</p> <p>Press <b>OK</b> if you want to proceed to the other screen; otherwise, press <b>RETURN</b>.</p>

## 7 Trouble shooting

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- ① Papers are not fed well.
  - Turn up Upper suction.
  - Shorten the PAPER FEED WORK TIME.
  - Check if the paper guides on the feed table hold sheets too tight.
  - Make sure that the paper edges are not curled or waved.
  - Make sure that the papers are not heavily electric static charged.
  
- ② The machine feeds double-sheets.
  - Turn down Upper suction.
  - Turn up Lower suction.
  - Make sure that the papers are not heavily electric static charged.
  - Lengthen the PAPER FEED WORK TIME.
  
- ③ The machine detects double-feed mistakenly.
  - Adjust the sensitivity of the double-feed detection sensor.
  - The detection sensor detects double feed by checking the edge of sheets.  
It is recommended not to print on the sheet edge.
  
- ④ Cut skewing
  - Make sure that the stock is put on the feed table correctly.
  - Check whether the skewings are consistent or inconsistent.  
If skewings are consistent
    - + Make the skewing adjust via the skew adjustment dial.
    - + Set the paper guides without play.Do not set them too tight as the sheet may not be fed well.  
If skewings are inconsistent
    - + Shorten the PAPER FEED WORK TIME.
    - + Make sure that the sheets are printed consistently and aligned well.
  
- ⑤ Paper jam often occurs.
  - Make sure that papers, paper strips or paper dusts not remain inside of the machine.
  - Check the conditions of the paper stock.

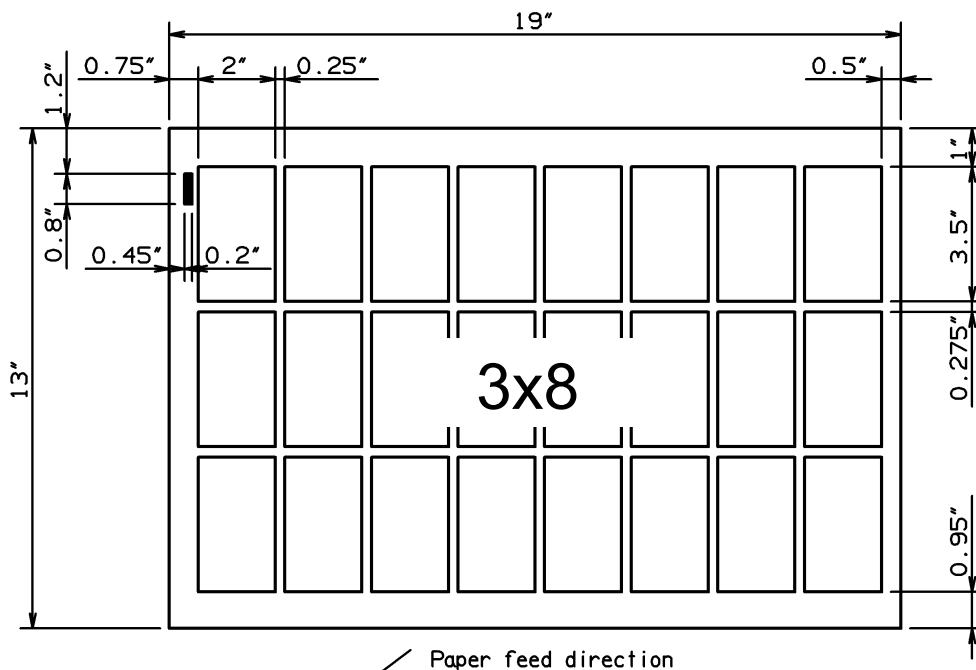
## 8 Template



# 8.1 InstaSet bar UA Business Card 3.5"

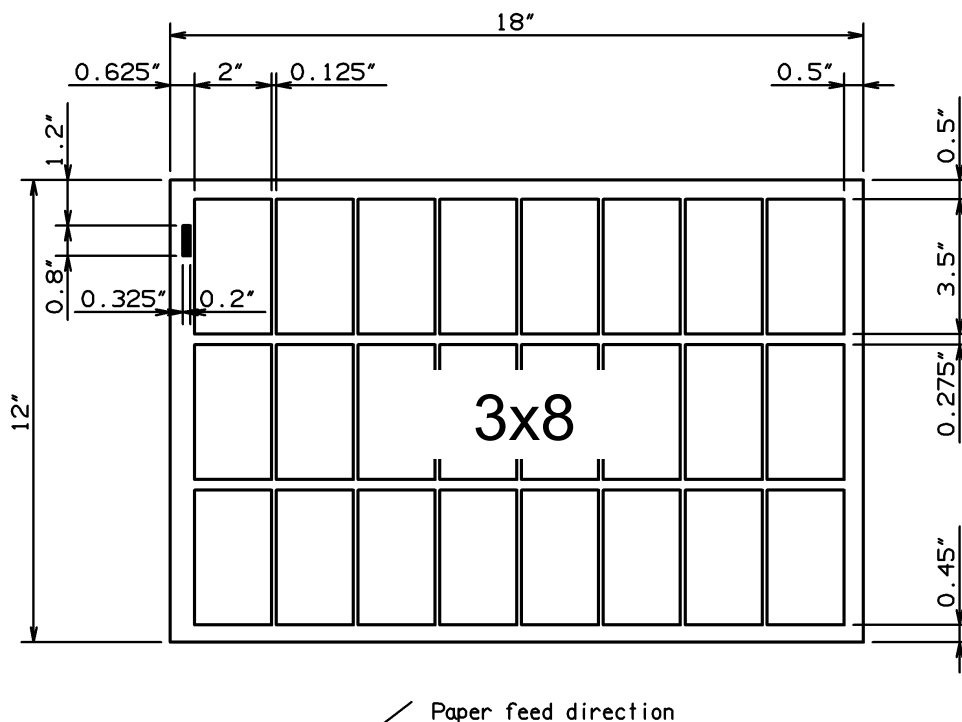
**SUPER B** → Business Card 3.5"x2"

PRESET > SUPER B > BUSINESS CARD 2"



**ARCH B** → Business Card 3.5"x2"

PRESET > ARCH B > BUSINESS CARD 2"

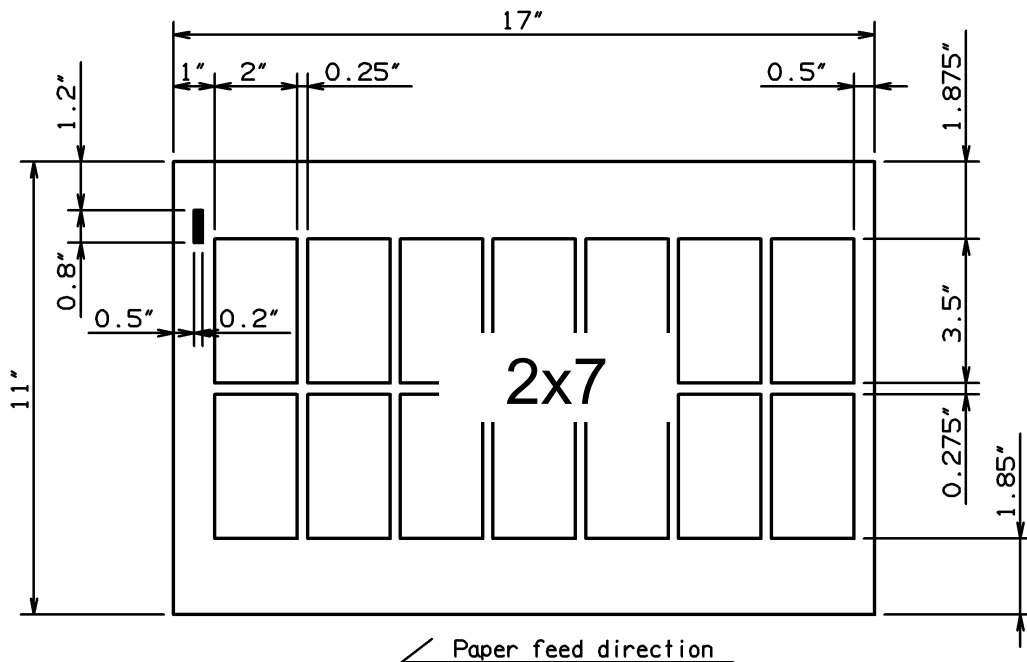




## 8.2 InstaSet bar UB Business Card 3.5"

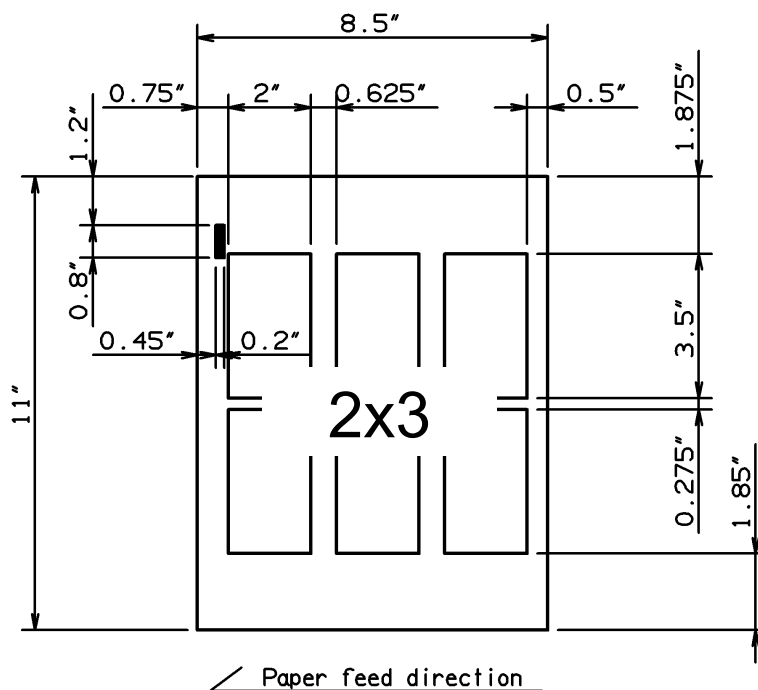
**LEDGER (TABLOID) → Business Card 3.5"x2"**

PRESET > LEDGER > BUSINESS CARD 2"



**LETTER(LEF) → Business Card 3.5"x2"**

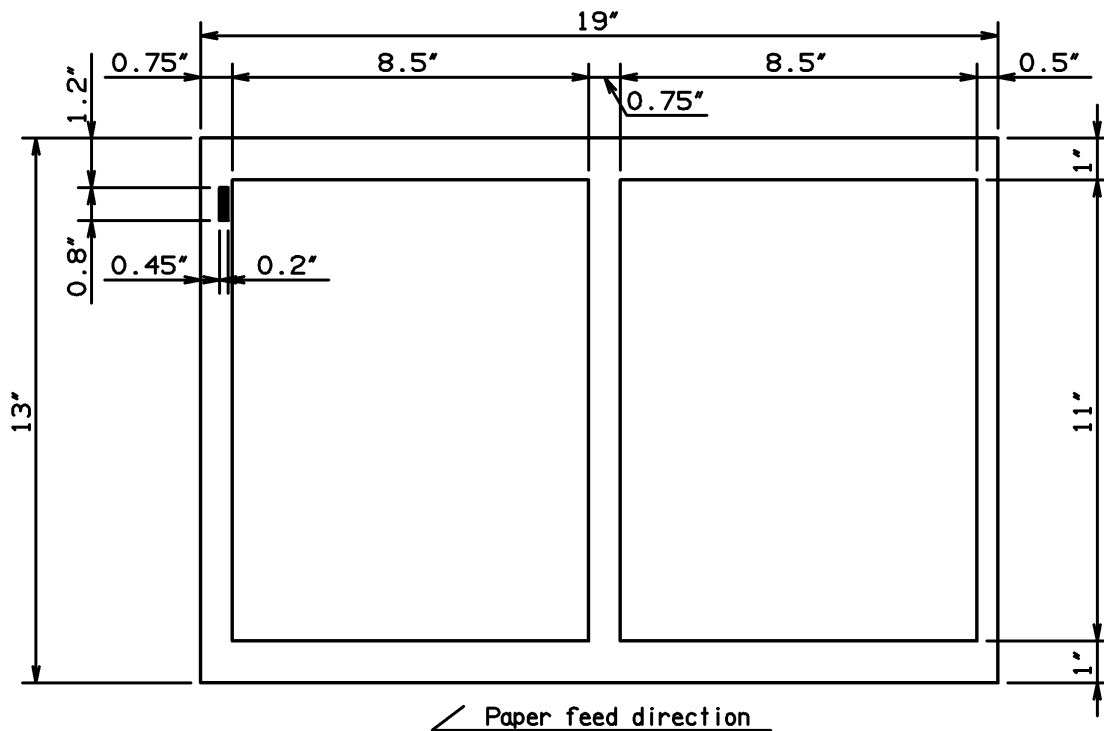
PRESET > LETTER(LEF) > BUSINESS CARD 2"





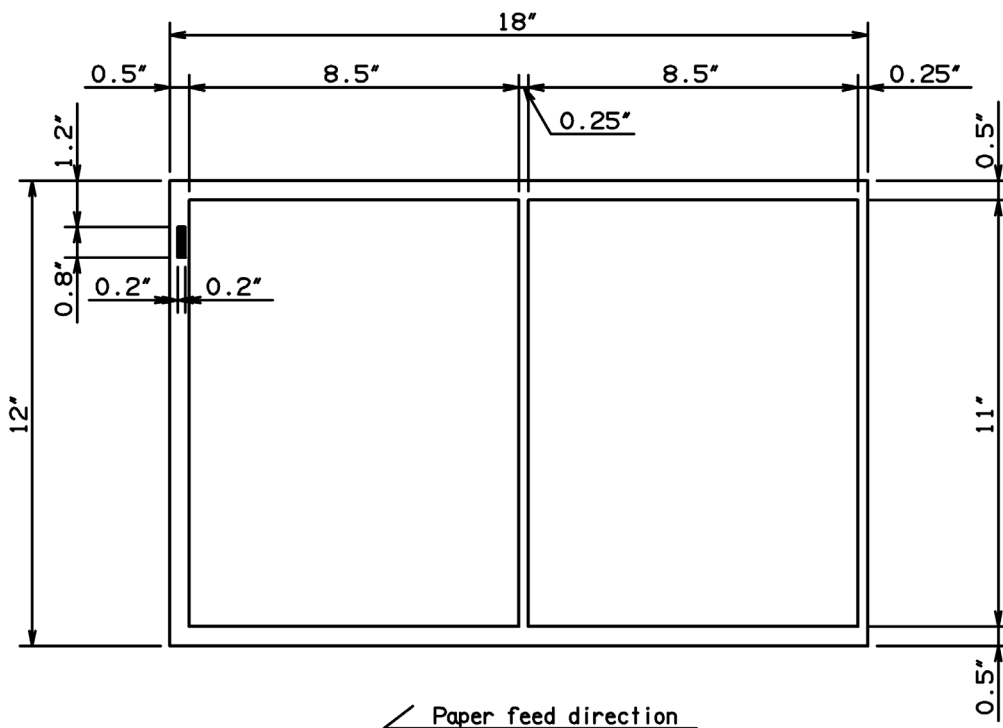
**SUPER B → LETTER 11"x8.5"**

PRESET > SUPER B > LETTER



**ARCH B → LETTER 11"x8.5"**

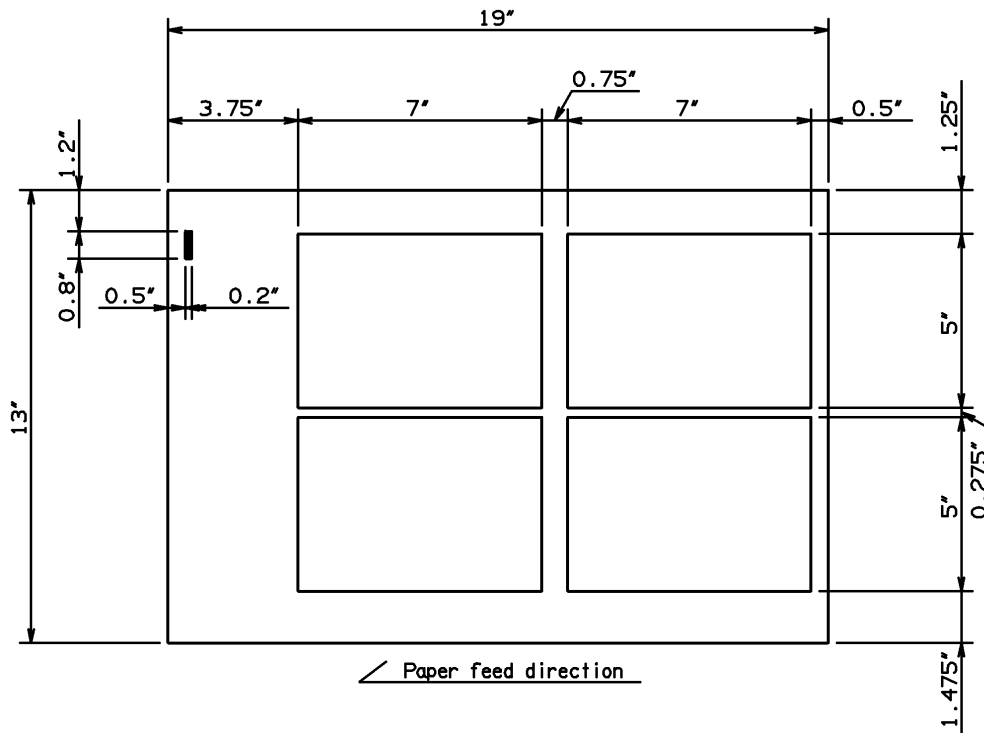
PRESET > ARCH B > LEDGER



## 8.4 InstaSet bar UD POSTCARD 5"

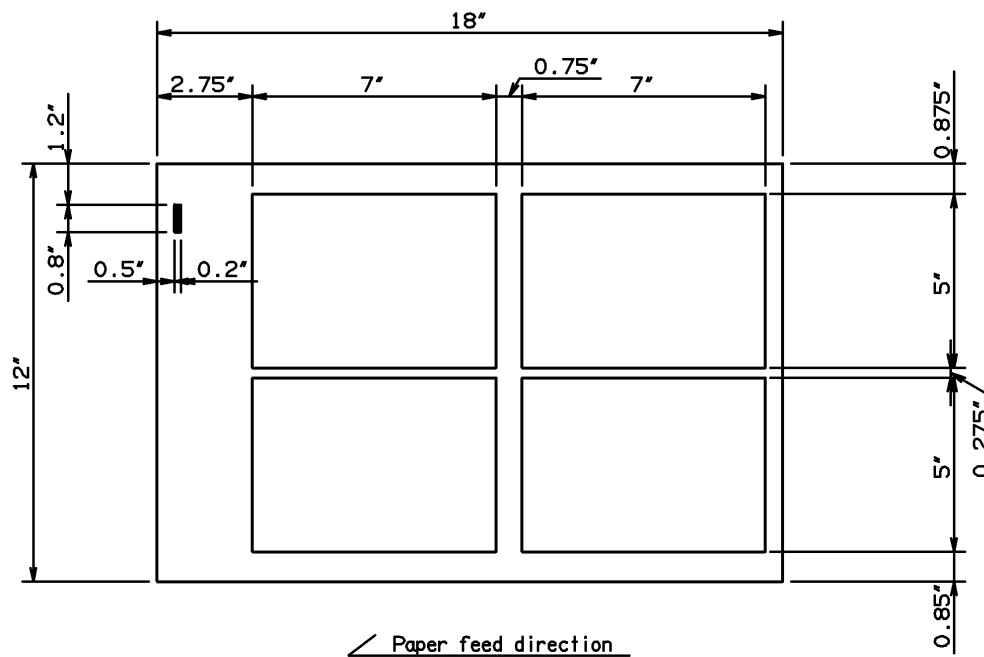
**SUPER B → POSTCARD 5"x7"**

PRESET > SUPER B > POSTCARD



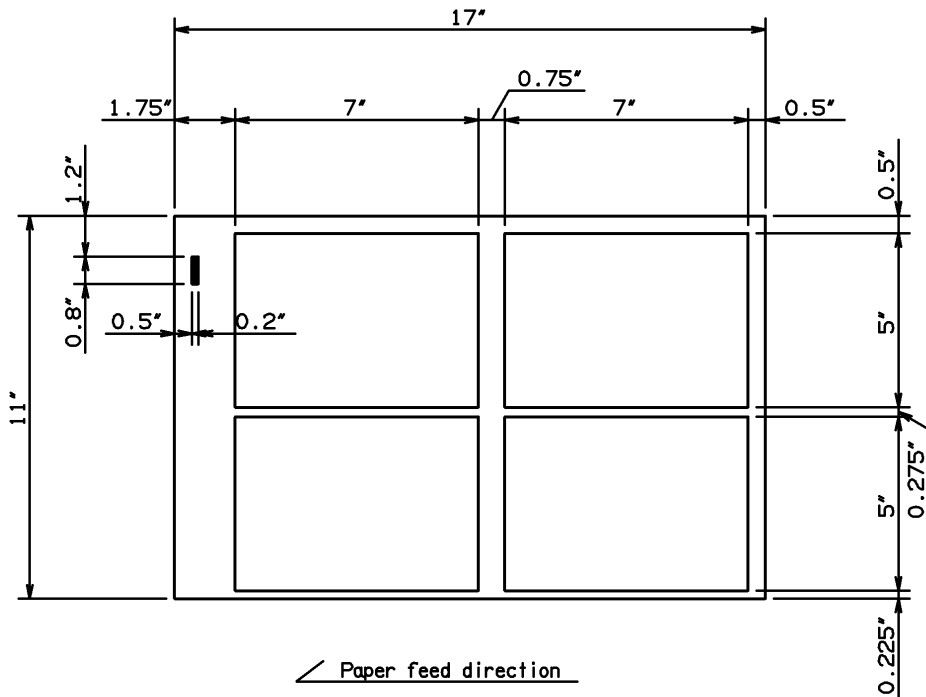
**ARCH B → POSTCARD 5"x7"**

PRESET > ARCH B > POSTCARD



**LEDGER → POSTCARD 5"x7"**

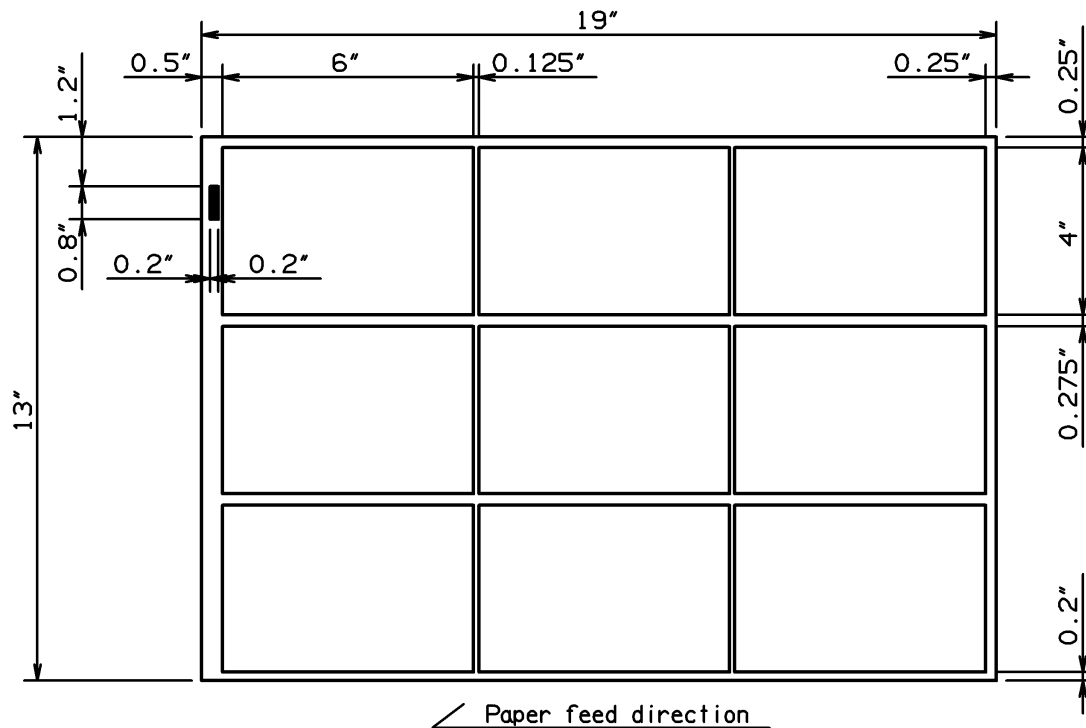
PRESET > LEDGER > POSTCARD



## 8.5 InstaSet bar UE POSTCARD 4"

**SUPER B** → Postcard 4"x6"

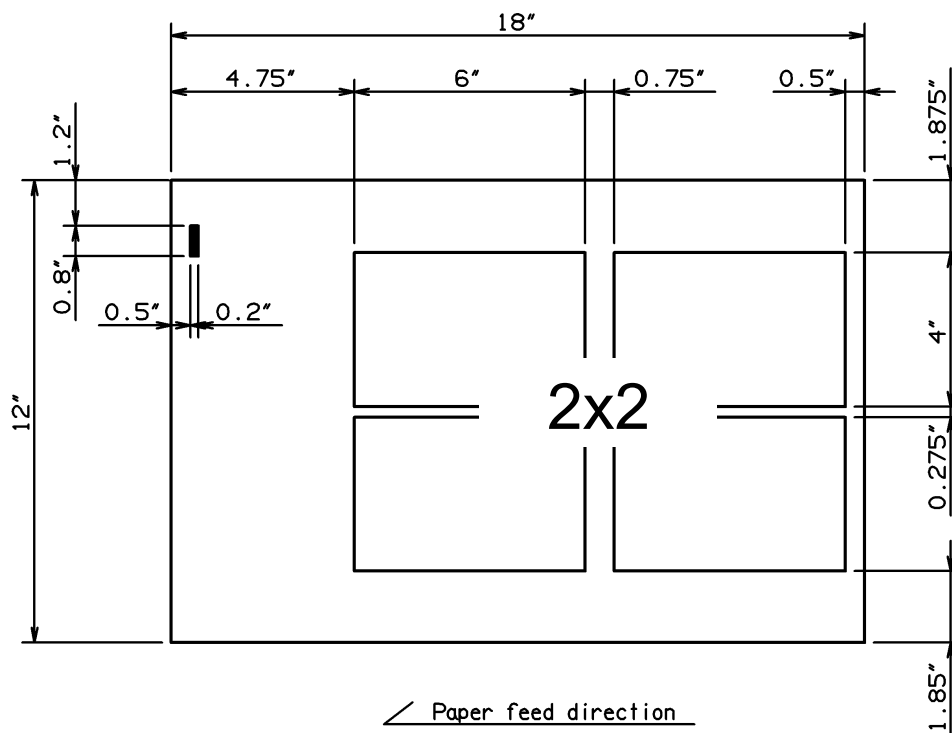
PRESET > SUPER B > POSTCARD



## 8.6 InstaSet bar UF POSTCARD 4"

**ARCH B** → Postcard 4"x6"

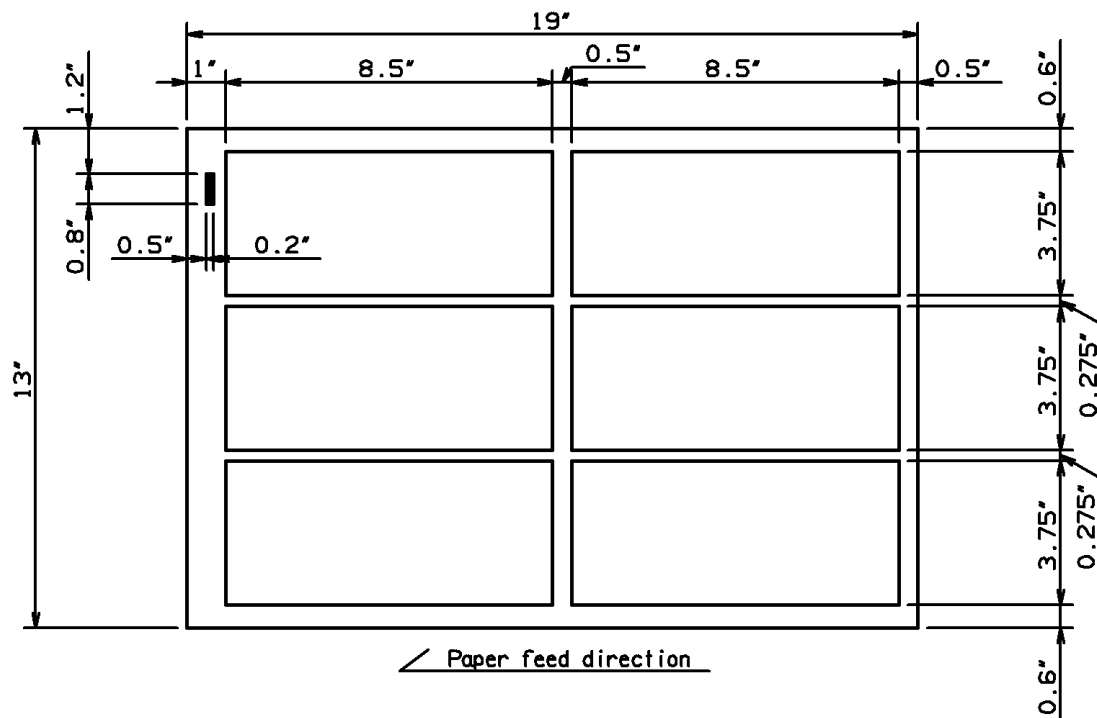
PRESET > ARCH B > POSTCARD



### 8.7 InstaSet bar UG RACKCARD 3.75"

**SUPER B → RACKCARD 3.75"x8.5"**

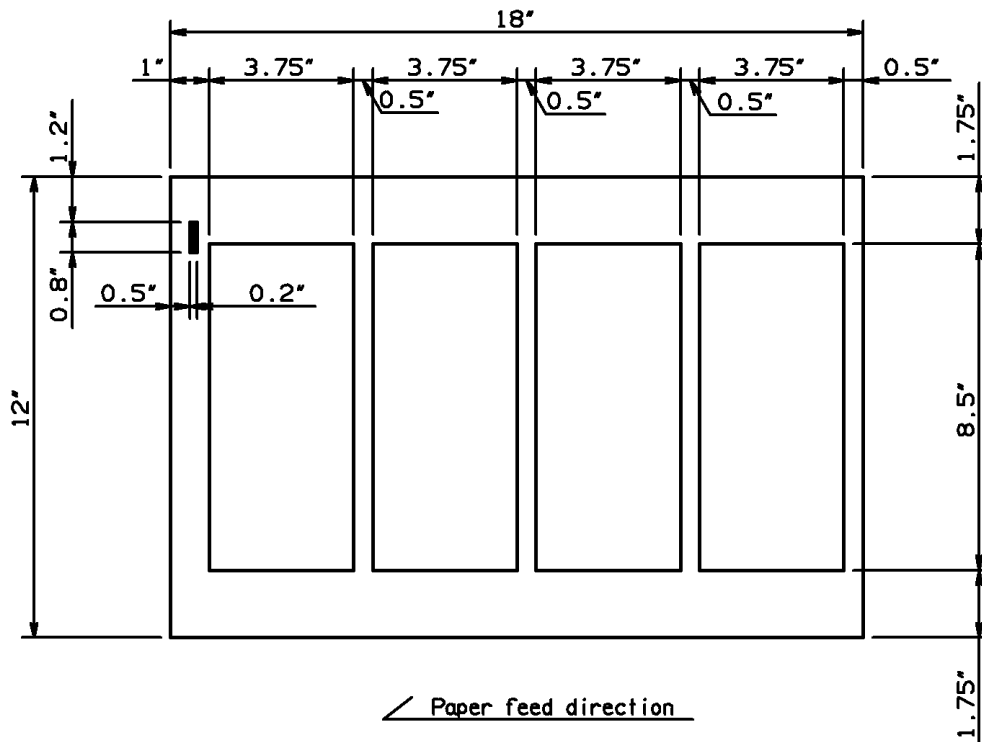
PRESET > SUPER B > RACKCARD 3.75"



**8.8 InstaSet bar UH RACKCARD 8.5" / LEGAL8.5"**

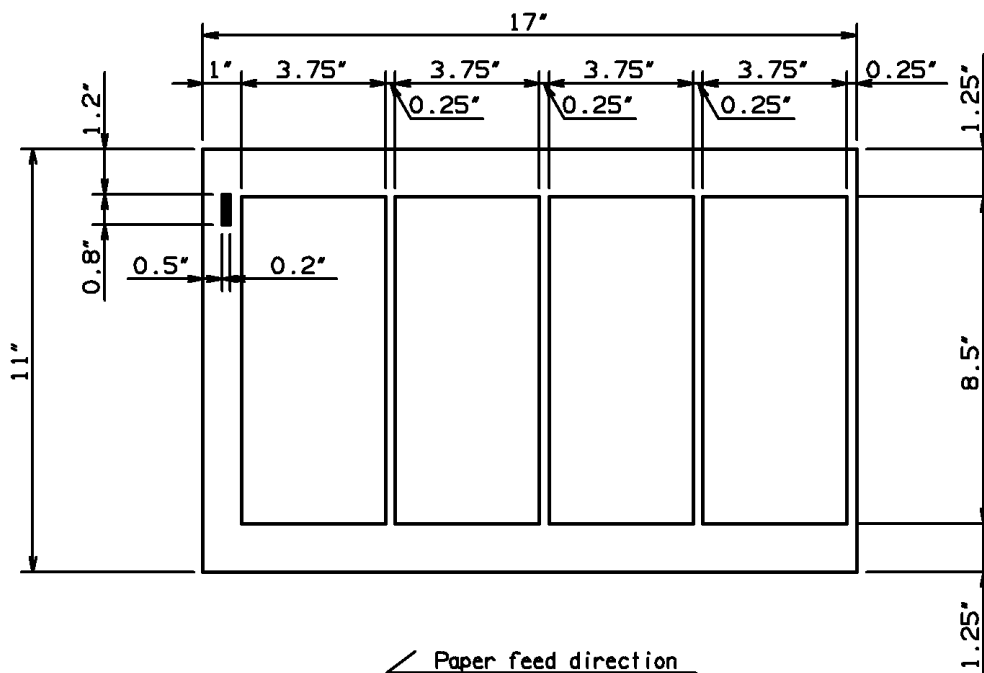
**ARCH B → RACKCARD 8.5" x 3.75"**

PRESET > ARCH B > RACKCARD 8.5"



**LEDGER → 8.5" x 3.75"**

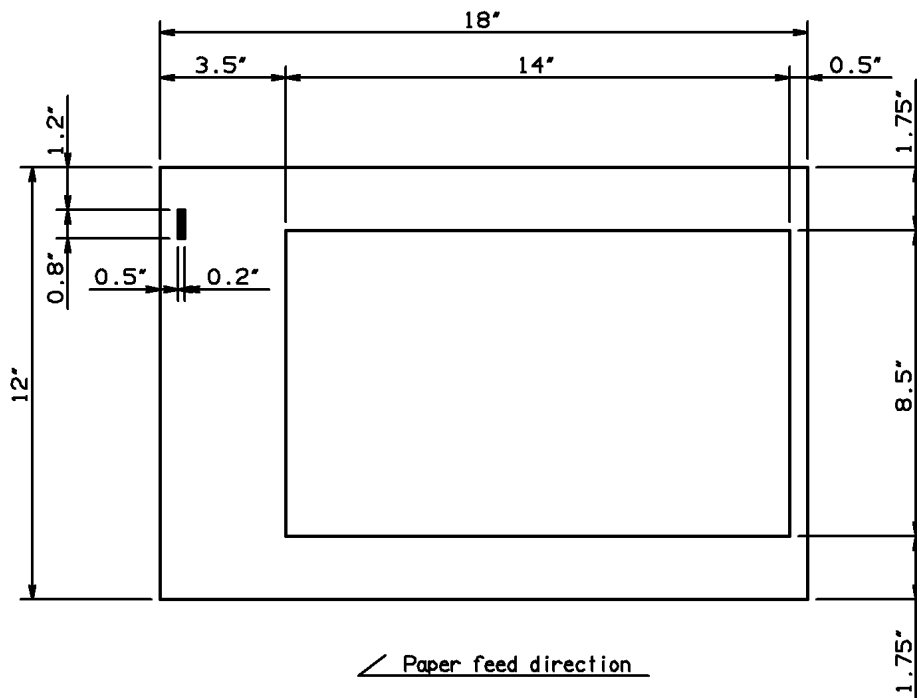
PRESET > LEDGER > RACKCARD 8.5"





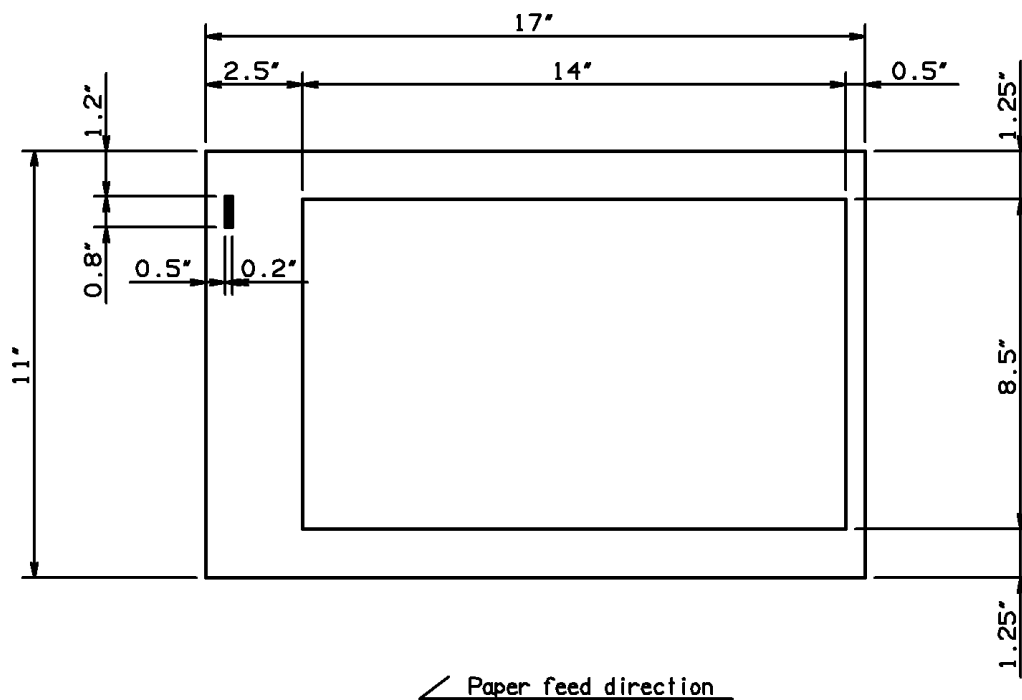
**ARCH B → LEGAL 8.5" x 14"**

PRESET > ARCH B > LEGAL



**LEDGER → LEGAL 8.5" x 14"**

PRESET > LEDGER > LEGAL

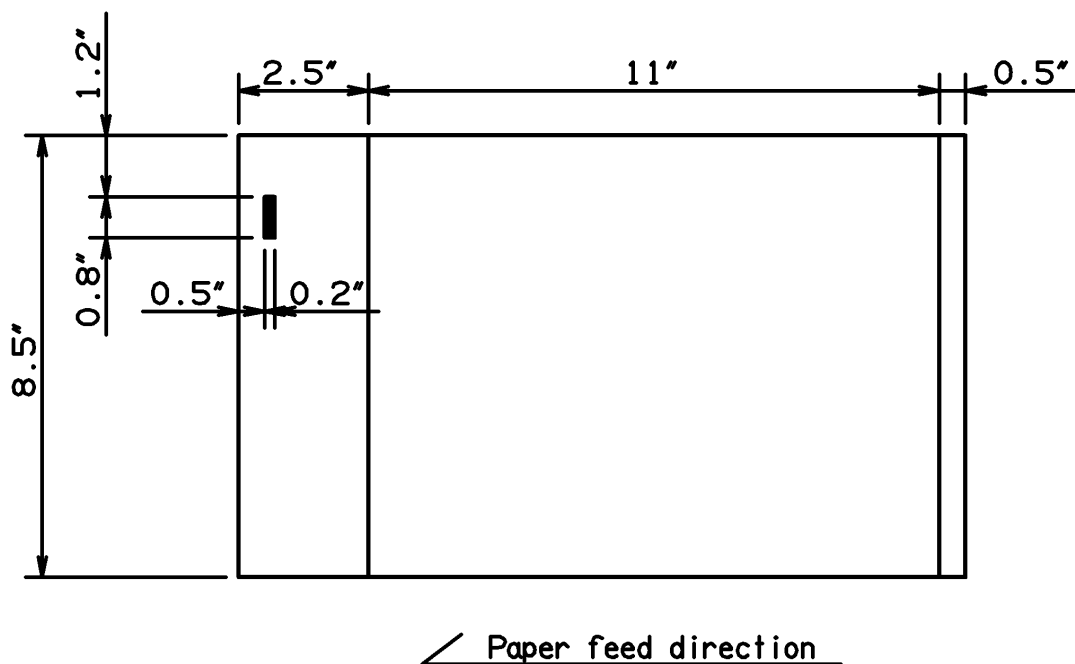


## 8.9 No bar required

**Note:** If the bar is not used, the risk of paper jams increases particularly with thin stocks.

**LEGAL 8.5" x 14" → LETTER 8.5" x 11"**

**PRESET** > **LEGAL** > **LETTER**



**ARCH B → DIV2, DIV3, DIV4**

**PRESET** > **ARCH B** > **DIV2** or **DIV3** or **DIV4**

**LEDGER → DIV2(LETTER), DIV3, DIV4**

**PRESET** > **LEDGER** > **DIV2** or **DIV3** or **DIV4**

**LEGAL → DIV2, DIV3, DIV4**

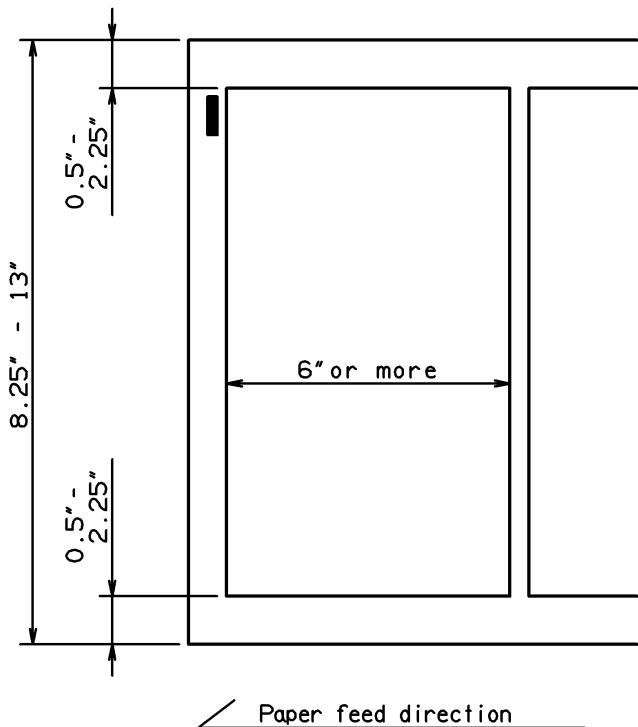
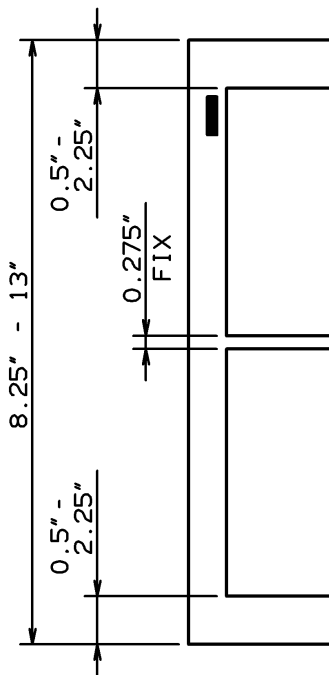
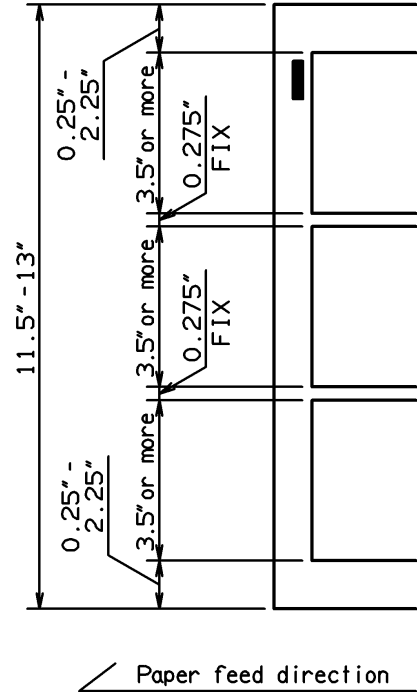
**PRESET** > **LEGAL** > **DIV2** or **DIV3** or **DIV4**

**LETTER(SEF) → DIV2, DIV3, DIV4**

**PRESET** > **LETTER(SEF)** > **DIV2** or **DIV3** or **DIV4**

## 8.10 BTO TEMPLATE

Maximum input paper size (Depth direction x feed direction)	13" x 19"
Minimum input paper size (Depth direction x feed direction)	8.25" x 8.25"
Minimum output size (Depth direction x feed direction)	3.5" x 2"
Paper weight	6 – 16pt.* (120-400g/m <sup>2</sup> )



## 9 Product specifications

Specifications	
Slitter	4 sets (6 slitter blades)
Guillotine	1 set
Maximum paper size	13" x 19"
Minimum paper size	8.25" x 8.25"
Minimum work size	3.5" x 2"
Paper weight	6 – 16pt.* (120-400g/m <sup>2</sup> )
Maximum paper curl size	±0.125"
Paper type	Offset, Coat, UVcoat, Glossy, Laminate Depending on paper
Paper feeding method	Tri-suction upper belt feeding mechanism
Input tray capacity	MAX 1.2"
Speed	8.5 sheets per minute (21 business cards from SRA3)
Machine dimensions [inch]	W30.2"x D25.7"x H39.9" (Occupancy area: W53.4" x D25.7" x H48.4")
Net weight	212lb (96kg)
Power supply	Single phase 100- 240VAC, 50/60Hz,
Power consumption	130VA
Use temperature	-5°C ~ +40°C
Preservation temperature	-25°C ~ +65°C
Use temperature humidity	45~85%RH
Preservation humidity	25~100%RH
Use the uplands	~1000M
One's tolerance level	100~240V +6%, -10%
Over voltage category	Category II according to IEC60664-1
Pollution degree	Degree 2 according to IEC60664-1



**UCHIDA**

# *AeroCut* nano Max

Keep this "Operation Manual" at an appointed place with care so that it may be available whenever required.

If this "Operation Manual" is stained or lost, make contact with the distributor or our salesman or customer service section to ask for a new operation manual after making sure of its contents.

When ordering consumables or parts, be sure to specify the machine model.

**UCHIDA YOKO CO., LTD.**