ES5500

USER MANUAL

Pressure Sealer

This manual provides detailed information on how to operate and maintain your ES5500.

Please read this manual before operating the machine in order to prevent any damage caused by improper handling.

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Contents

ES5500 Features (Pressure Sealer)

- **Perfect Sealing Quality & Low Noise Level**
  The most advanced pressure sealing technology with lightweight, excellent sealing quality and extremely low noise levels.

- **Excellent Folding Quality**
  Excellent folding quality, even with plain paper based on our advanced technology.

- **Compact & Dynamic Design**
  Advanced technology sealing system allows for compact design which saves valuable workspace.
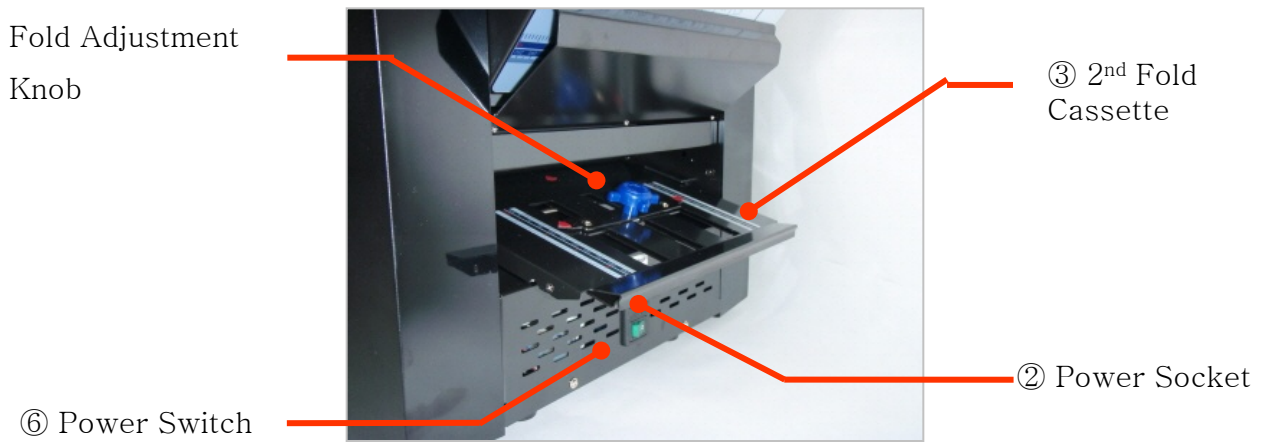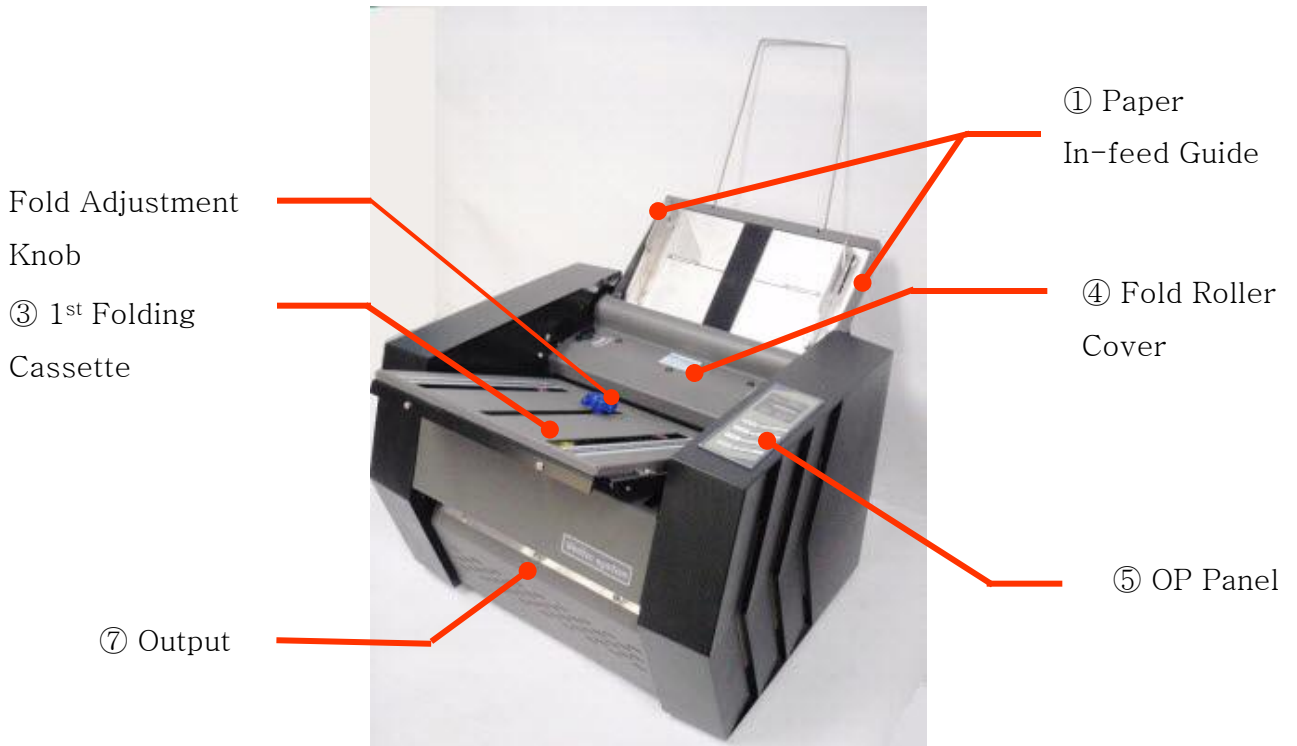
- **Easy Maintenance**
  Easy troubleshooting approach by user-friendly design. So that user can do basic maintenance without the help from engineers.

ES5500 Specification

- Form Size : A4 / Letter / Legal size
- Speed : 5,000 forms / hour
- Folding Adjust: Manual
- Form weight : 20#-28#
- Folding Setting : Z, EZ, V & Double Parallel , (C Optional).
- Feeding Type: Top-Feed
- Input Tray : up to 165 forms (28# Pressure Sealer Forms)
- Jam Free: DFD (double feed detection) and Feed Jam Detect
- Noise Level : less than 45db
- weight : 20kg
- Dimension : 320 X 390 X 280mm (WxLxH)

① Paper
In-feed Guide

Fold Adjustment
Knob

④ Fold Roller
Cover

③ 1st Folding
Cassette

⑤ OP Panel

⑦ Output

Fold Adjustment
Knob

③ 2nd Fold
Cassette

② Power Socket

⑥ Power Switch

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1 **Paper Guide**

Load the paper into the paper hopper, make sure the paper side guides are nearly touching each side of the paper to guide paper squarely.

(Prepare paper by making edges neat before loading)

2 **Power Socket**

Main power socket located on the back of the machine

3 **1st/2nd Folding Cassette**

After 1st folding is made in the 1st folding cassette in front , 2nd folding is made in the 2nd folding cassette.

4 **Roller Cover**

Open roller cover when jam occurs.
(Please turn the Knob in clockwise rotation for unlock)

5 **OP panel for Start/Stop & Other Function**

6 **Power Switch / Emergency Switch (Red)**

After check power socket, please turn on/off power switch and emergency switch

7 **Output**

Finished forms exit the front of the machine

[Side View]   [Rear View]

Contents

Please check the following parts are included in the box.
Power Cable, 1ST Fold Cassette, 2nd Fold Cassette and User manual

[Box open]

[1st, 2nd Cassette & Power cable]

* Caution

Power connection : Please refer to the label for electric information which is located at the back of the machine. If it is not working properly, please contact your local dealer for service.

Adjusting the Fold Cassette

˙Insert the 1st Cassette (pic. 1) on the front and 2nd Cassette on the back (pic. 2)
Turn the Knob to adjust the fold cassette to the desired paper size (Refer to fold assist label on top of the in-feed tray or in your Users Manual book.)

[Pic.1 : 1st Cassette Assemble]
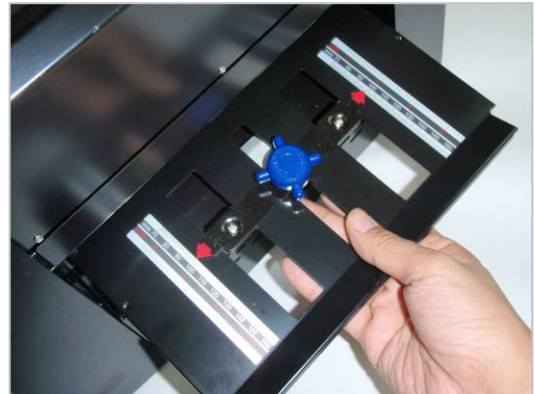
[Pic 2 : 2nd Cassette Assemble]

[Pic 3 : Adjust 1st Cassette]

[Pic 4 : Adjust 2nd Cassette]

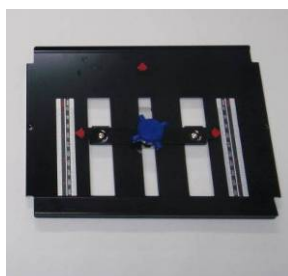## Folding Cassette Setting Guide

Fold cassette setting guide

		A4		Letter		Legal		Custom
		mm	Inch	mm	Inch	mm	Inch	Paper length X
Z - Fold	1-st	99	3.89	93	3.66	118.6	4.67	33.3%
	2-nd	99	3.89	93	3.66	118.6	4.67	33.3%
Uneven Z Fold	1-st	99	3.89	—	—	137	5.39	33.3%
	2-nd	102	4.01	—	—	140	5.51	34.3%
Single Fold	1-st	148.5	5.85	139.5	5.49	178	7.0	50.0%
	2-nd	Insert the cassette in the opposite direction						
C - Fold	1-st	198	7.8	186	7.32	237.2	9.34	66.6%
	2-nd	99	3.89	93	3.66	118.6	4.67	33.3%

How to set "Z-Fold"

- Swivel the Knob to counter clockwise and move on 93mm.
- Swivel the Knob to clockwise to tight and hold the position.
- 2nd Cassette is same as 1st Cassette.

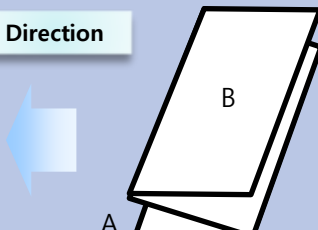**! Attention : "C-Fold" is need to use optional Cassette (Pic. 3)**

[Pic.1 : Standard 1st Cassette]   [Pic. 2 : Standard 2nd Cassette]   [Pic. 3 : Optional Cassette]
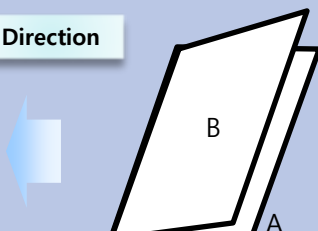
Direction

B

A

Z Fold

1. Z Fold Setting (letter 8 ½" x 11")

 a. Move 1st cassette stopper to **93mm**.

 b. Move 2nd cassette stopper to **93mm**.

 Tip1. If A side of paper is shorter, adjust the position of 1st
   cassette stopper to more longer.

 Tip2. If B side of paper is shorter, adjust the position of 2nd
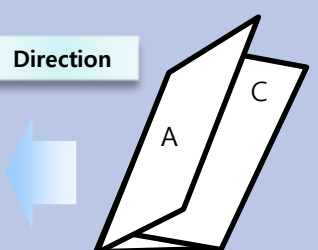   cassette stopper to more longer.

Direction

B

A

V(Single) Fold

2. V(Single) Fold Setting (letter 8 ½" x 11")

 a. Move 1st cassette stopper to **140mm**.

 **b. Remove 2nd cassette and put it back with opposite
   direction.**

 Tip1. If A side of paper is longer than B, adjust the position of 1st
   cassette stopper to more short.

 Tip2. If A side of paper is shorter than B, adjust the position of
   1st cassette stopper to more long.

Direction

C

A

B

C Fold

**3. C Fold Setting (letter 8½" x 11") – <Required 270mm
 Cassette >**

 ㄱ. Move 1st cassette stopper to **187mm**.

 ㄴ. Move 2nd cassette stopper to **93mm**.

 Tip1. If B side of paper is longer than C, adjust the position of 1st
   cassette stopper to more short.

 Tip2. If C side of paper is shorter, adjust the position of 2nd
   cassette stopper to more longer.

Operation Panel

INFORMATION

1. An information menu is appeared when the **[INFO]** button is pressed on the
ready state. In this menu, a couple of information about the machine is showed.
2. For moving back to the ready state, press the **[INFO]** button again.

◀ ▶
1. Change menu or setting value.

Reset

1. [**Reset**]: Initialize the working counter & paper thickness .

2. C-fold mode: **270mm Cassette need for C-fold (Optional)**

3. [**Reset**] : Initialize the working counter & paper thickness. (Total count is flashing when C Fold Mode)

Start/Stop
1. Press [Start/Stop] to run the machine.

2. Press [Start/Stop] again to stop the machine.

Status | Paper Thickness

Batch Count | Working Count

INFO

Start / Stop

DFD | Reset | C FOLD

Batch
Count | ASM

DFD on/off (Double Feed Detection)

1. If you do not want to use double detection function, you can make "DF mode" Off. Press [DFD] and see disappearing "paper thick" on LCD.
2. When DFD function is off, [Paper Thickness won't be displayed.

C Fold on/off
1. This button is for C fold mode.
2. Beeper sound when it is settled C-fold mode and working count light is off.
3. If you want to cancel for C Fold mode, please push [**C fold**] button again.

Auto Start Mode(ASM) on/off

1. Press **[ASM**] button to activate the auto start mode(ASM). And if **[ASM]** button is pressed once again the ASM is turned off.
2. The batch mode is operated continuously if the ASM is activated and the interval of each batch work is 3 seconds.
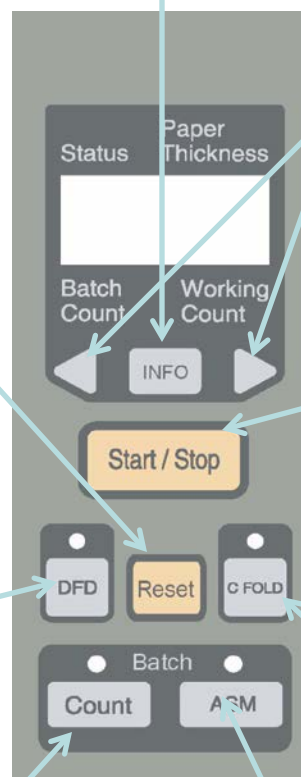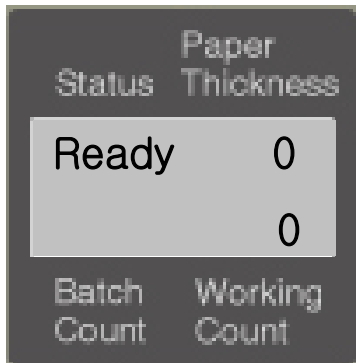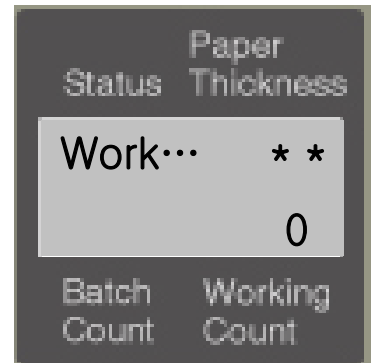
Batch Mode on/off

1. Press **[Count]** button for activating the batch count function. And press **[Count]** button once again for deactivating the function.
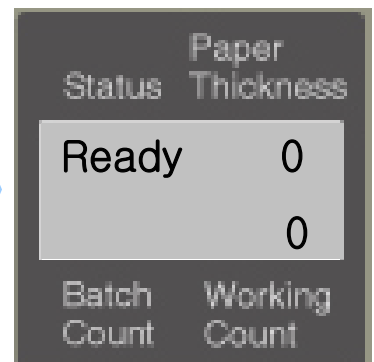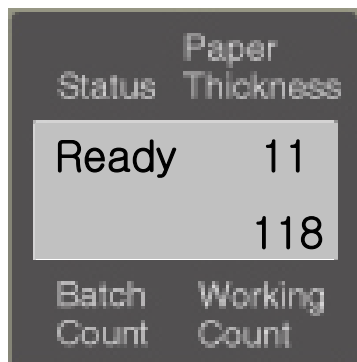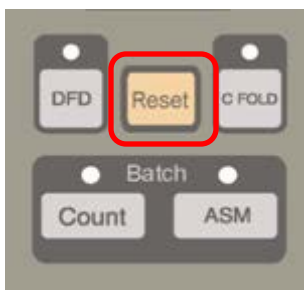
Power On

Start / Stop

Start/Stop

If the [Start/Stop] button is clicked one time the machine will be operated. And [Start/Stop] is clicked once more, the machine is stopped.

Reset

Reset

[**Reset**] : Initialize the working counter & paper thickness .

• General Mode
 [**Reset**]: working count is 0 and paper thickness is initialized with 1 digit based on DF/PT level.
• Batch Mode
 [**Reset**]: batch counter 0 and paper thickness is initialized, but working count is not initialized.
• C-fold Mode **(270mm Cassette need for C-fold : Option)**
 [**Reset**]: working count 0 and paper thickness is initialized with 1 digit based on DF/PF level. (working count light off)
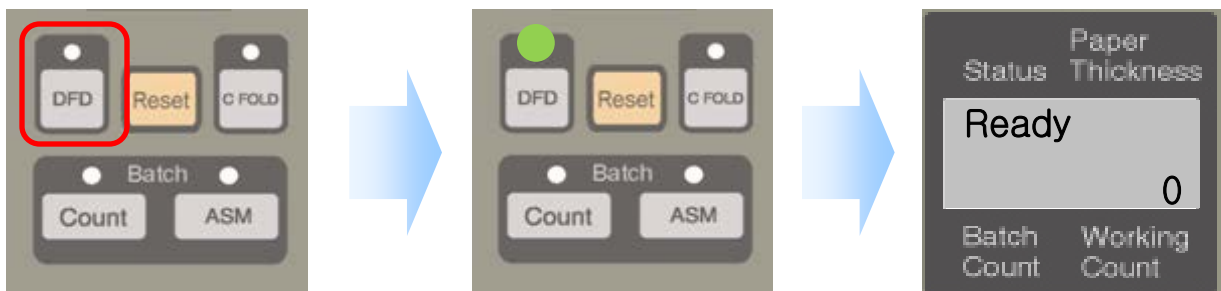
C Fold Mode
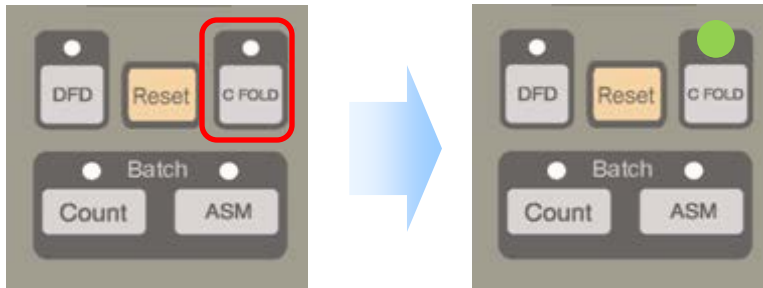
C Fold on/off

This button is for C fold mode.
Beeper sound when it is settled C-fold mode and working count light is off.
If you want to cancel for C Fold mode, please push [**C fold**] button again.

DFD Mode

DFD (Double Feed Detection) on/off

If you do not want to use double detection function, you can turn "DFD mode" Off. Press [DFD] and see disappearing "paper thick" on LCD.

Note: This function may not work well if the Forms are too dark or the printed are too dark. Please push Reset Button at every time you change the Form.

DFD Sensibility

DFD sensibility sometimes has to be changed for better detection.
Please hold the **[DFD]** button and change the "paper thick' value by using the [**Direction]** button. And for confirming and storing hold the **[DFD]** button again.
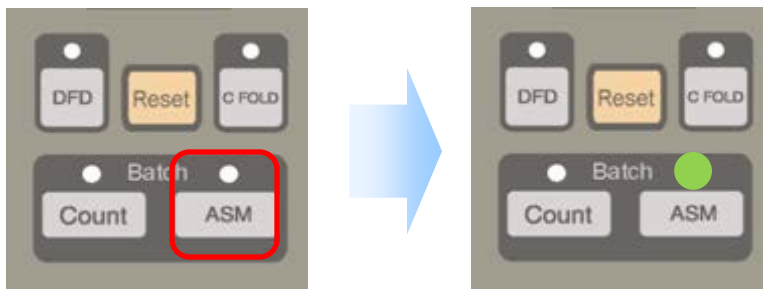
Batch Mode

Batch Mode on/off

Press **[Count]** button for activating the batch count function. And press **[Count]** button once again for deactivating the function.

Adjust Batch Count

The batch count adjusting menu is appeared through holding the **[Count]** button.
You can change the value by using the **[Direction]** buttons and confirm the count by holding the **[Count]** button again.

ASM Mode

Auto Start Mode (ASM) on/off

Press **[ASM**] button to activate the auto start mode(ASM). And if **[ASM]** button is pressed once again, the ASM is turned off.
The batch mode is operated continuously if the ASM is activated and the interval of each batch work is 3 seconds.
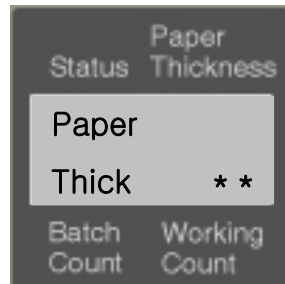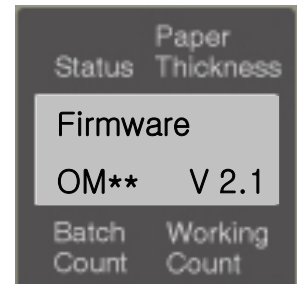
Information Check

Menu Change

Total Count
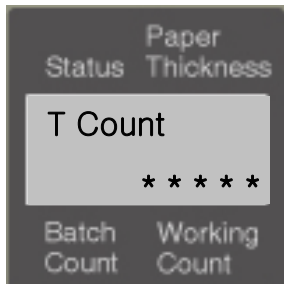
| Paper |
| Status Thickness |
| T Count |
| * * * * * |
| Batch Working |
| Count Count |

Paper Thickness

| Paper |
| Status Thickness |
| Paper |
| Thick   * * |
| Batch Working |
| Count Count |

Firmware Version

| Paper |
| Status Thickness |
| Firmware |
| OM**   V 2.1 |
| Batch Working |
| Count Count |

Installation Date

| Paper |
| Status Thickness |
| Install |
| 2014 * * * * |
| Batch Working |
| Count Count |

Total Operation Time

| Paper |
| Status Thickness |
| OP Time |
| * * hr |
| Batch Working |
| Count Count |

Batch Mode

| Paper |
| Status Thickness |
| Batch |
| * * * |
| Batch Working |
| Count Count |
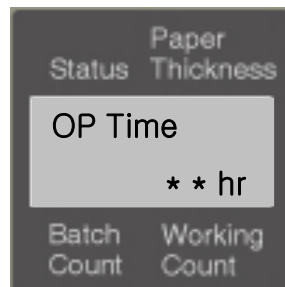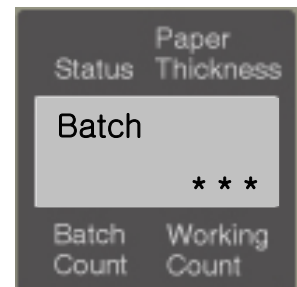
INFORMATION Menu

An information menu is appeared when the **[INFO]** button is pressed on the ready state.

1) What is the "Information' menu.

In this menu, a couple of information about the machine is showed.

And user can check the several settings and information about the ES5500 easily.
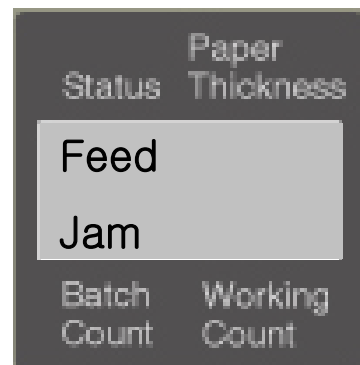
2) Menu

a) Total Count : The total count of the machine

b) Paper Thick : The sensitivity of the DFD function.

c) Firmware Version

d) Installation Date : The date of software installed.

e) Total Usage Time : Measure the using time.

f) Batch Count : The number of the batch mode.

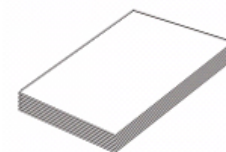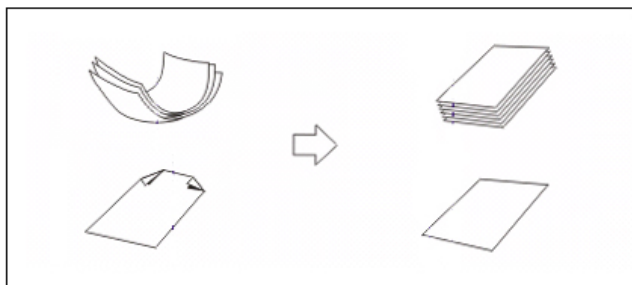## TIP. Handling of the forms before using.

1. Please make the forms to well-arranged.
2. The form has to be set on the paper tray properly.
3. If too many sheets of form are set on the tray (over 150 sheets) it can make feeding problem.
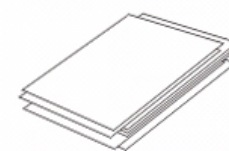4. Please check the fold-position by test-folding and adjust the fold-position properly.
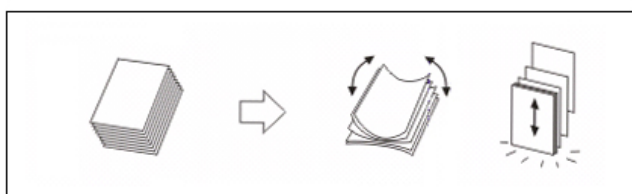
Status	Paper Thickness
Double Feed	
Batch Count	Working Count
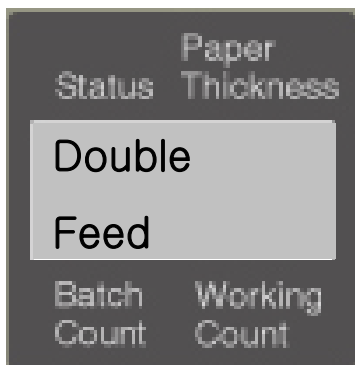
[Double feeding detected]

Status	Paper Thickness
Feed Jam	
Batch Count	Working Count

[Feed jam detected]

Good

Bad

[Pressure seal form handling before using]

Paper Jam Removal

The paper jam that is occurred in the Officemate 4D can be removed very easily.
The machine is stopped automatically when the paper jam is occurred. And the paper jam can be removed by using the jam removal tool.
The machine starts to operating when the [**Start/Stop**] button is pressed after removing the jam.

[Remove the 1st CST]

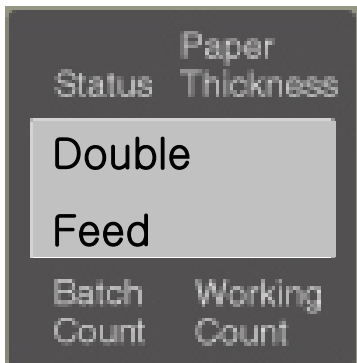[Open the top cover by un-locking the locking knob.]
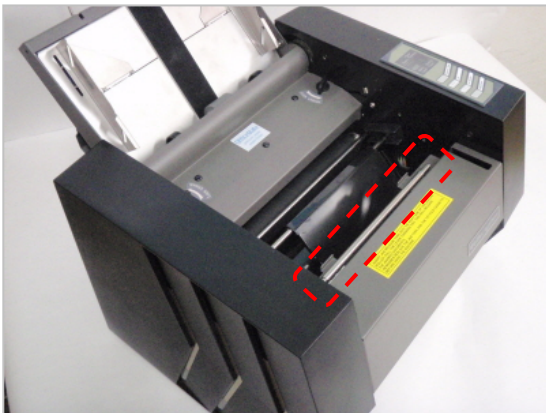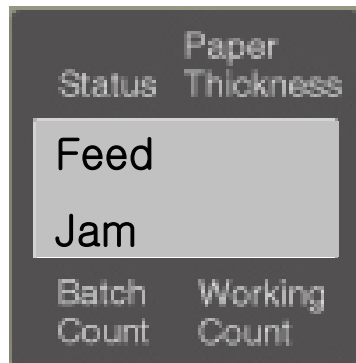

[Remove the jam by using the jam removal tool]

[Insert the tool into the hole on the press roller and rotate the press roller by hand]

! CAUTION : Please keep the jam removal tool to right position after removing the jam.
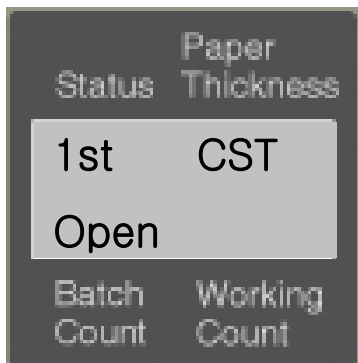
Handling the Error Messages

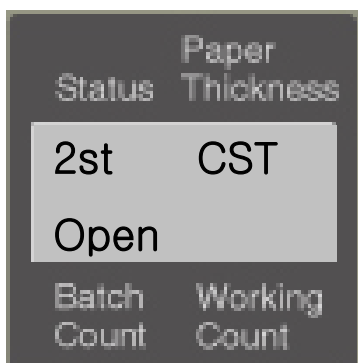

[Detect double feed & feed jam]

[Open the cover and remove the jam]

[1st Cassette Error]

[Check 1st Cassette]

[2nd Cassette Error]

[Check 2nd Cassette]

Operator Maintenance

Due to the pressure seal forms leaving paper dust, ink and toner residues, it is very important to occasionally clean the surface of the each roller to ensure optimum performance.

In case of fold roller, remove 1st folding cassette and separate roller cover. Clean ink and toner residues on the folding roller with this soft cloth wet through alcohol.
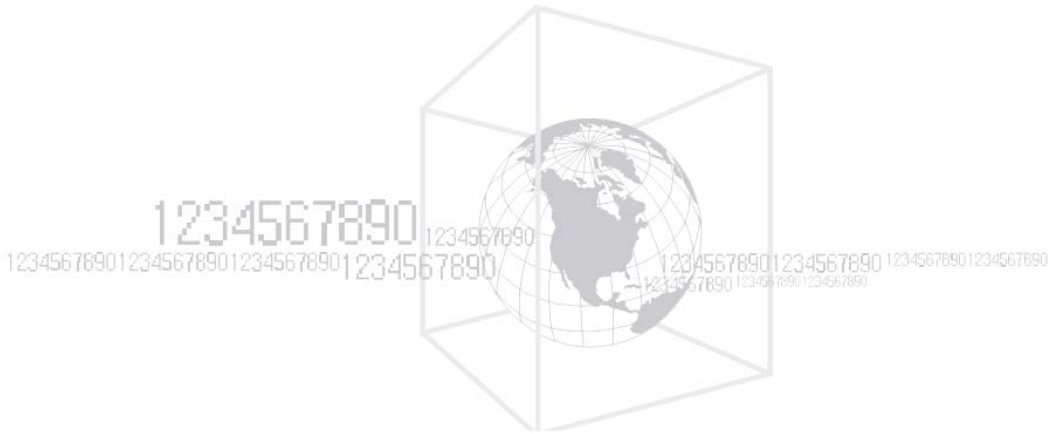
*Caution : Do not use oil as this will damage the surface of the folding roller.

[Remove the forms]

[Clean the sensor]

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