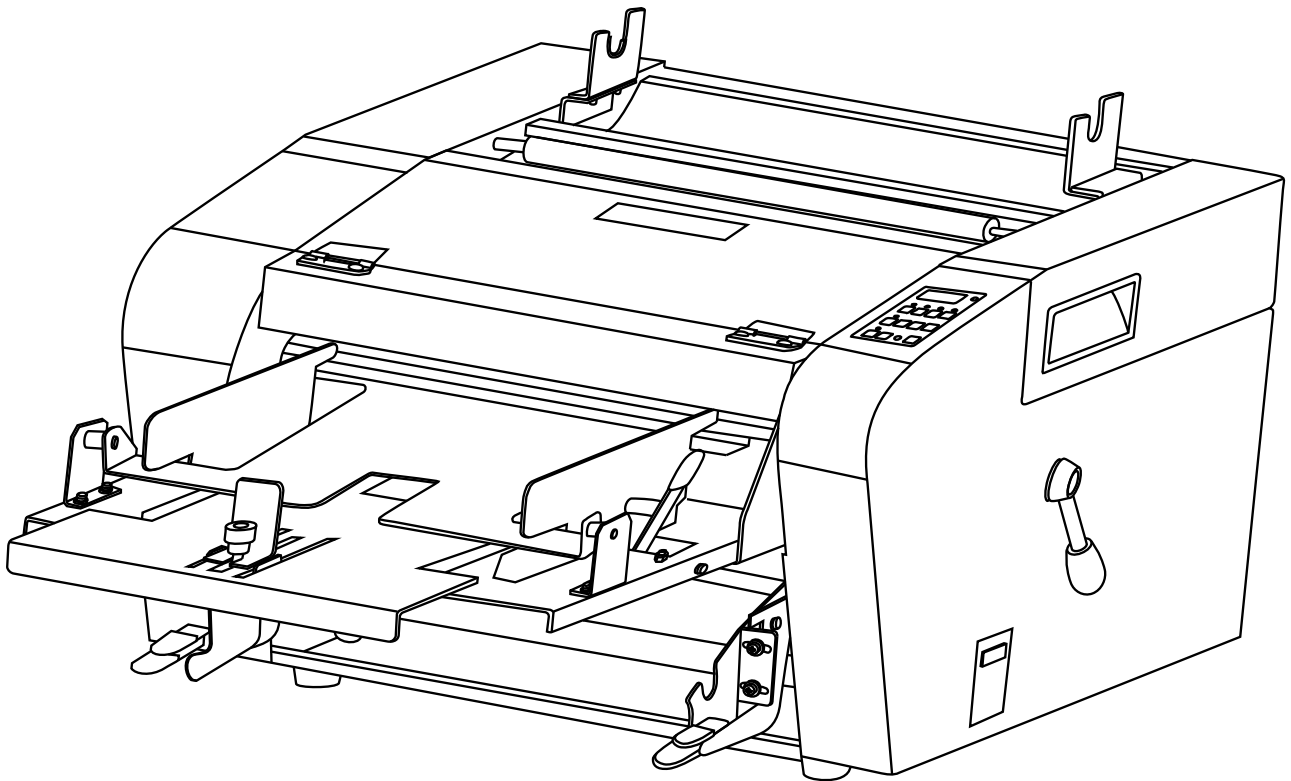


# **Revo-T14**

## Instruction Manual



## Preface

Thank you very much for purchasing our **Revo-T14**.

This Instruction Manual (booklet) includes details for safe use of this product.

Please read this booklet thoroughly and correctly use the machine.

Also, store this booklet properly for immediate use when necessary while using the product.

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## Precautions before Use

### Meaning of symbols

This document classified and explains hazards and damages created when the displayed symbols are neglected and the product is used improperly, to prevent danger on customers or others and property damage in advance.

	<b>Warning</b>	When this sign is neglected and the product is handled improperly, there is a concern for death or severe injury of human beings.
	<b>Caution</b>	When this sign is neglected and the product is handled improperly, it can result in human injury or physical damage.

	This symbol represents matters that must be followed due to concern for injury.		This symbol represents prohibition of disassembly for safety.
	This symbol represents removal of power plug from outlet for safety.		This symbol represents prohibition of touching the product with wet hands.
	This symbol represents instruction to connect the earth wire for safety.		This symbol represents prohibition of the product from getting wet.
	This symbol is a caution about danger of hand getting caught by roller.		This represents expectation of electric shock when handled improperly.
			This represents expectation of smoke or ignition when handled improperly.

### For Customers in EU nations only

	<p>This symbol means:</p> <p>This product cannot be disposed together with your domestic refuse. Regarding to the proper handling of End-of-Life product or electric equipment, please follow rules of your local community or contact our dealers.</p> <p>Recycling of this product will lead to conservation of natural resources and prevention of potential negative consequences for the environment and human health, which is caused by improper waste handling.</p>
--	---

## Precautions for handling



### Warning

	Only use the power cord included in the product and do not use with power sources other than the displayed.
	Do not place heavy object on top of power cord, connect nearby a heating device, or connect multiple power cables to an outlet.
	Do not process power cord or use as damaged.
	Accurately insert to the tip of electrode part.
	Hold the plug when inserting power plug. Excessive bending, twisting or pulling of the cord can damage the cable interior and cause electric shock, fire or failure.
	※ If power cord is damaged, contact our company or the seller.
	Regularly remove power plug from the outlet to clean the electrode root and gap. Do not insert power plug with dusts and alien substances attached.
	Do not install this product in places with high temperature and humidity or poor ventilation, places with combustible and explosive gases or toxic gases, places with large volume of dusts, and on top of flammable objects. Also, install at least 20" away from the wall when installing this product nearby a wall.
	Do not approach the product near a firearm or high temperature. Do not insert metals, flammables, and liquids into the machine.
	Do not disassemble or remodel the machine.
	Do not use in abnormal status such as smoke or abnormal odor and sound. When such status occurs, immediately turn off the power switch. Remove power plug from the outlet and contact the seller or our company. Never repair the product on your own as it is dangerous.



### Caution

	Power plug must be removed from the outlet when not used for long time.
	Do not insert power plug using wet hands.
	Earth connection must be done before connecting power plug to power. Also, remove power plug before disconnecting earth.
	Especially, keep away from children.
	Do not mount on the product or place heavy object on top.
	Do not place this product in an unstable place (on top of vibration or slanted surface and places where vibration of other machines can be easily delivered). There is a concern for injury of a nearby person from falling or tripping.
	Do not place the product in front of wind from air conditioner.
	Do not block the vent hole. If the vent hole is blocked, there are concerns for failure or fire from accumulation of heat inside.
	During operation of the machine or insertion of laminate, be careful about hair, necktie and necklace from rolling in.
	When film glue is attached to the laminate roller, squeeze a cloth soaked in neutral detergent and wipe the roller. (※ Do not clean the roller using benzene, thinner and sponge.
	The rollers must be lifted up when laminate processing is not being performed.
	Cover with a cloth when the machine is not used to avoid places with direct light or fluorescent light. Light can rapidly degenerate rubber of the laminate roller.
	Turn the power switch off and remove power plug from the outlet for safety during transportation of this product.

## Appropriate places for installation

Install this product in the following places.

- **Horizontal and stable places**

Slanted or unstable use can have bad impact such as return of paper. Also, there is a concern for an unexpected accident.

- **Places where exclusive power outlet can be secured.**

Do not use this product with power sources other than power with rated voltage regulated in this Manual.

There is concern for fire or electric leakage.

Also, earth or earth leakage breaker must be installed.

- **Places with no humidity and good ventilation**

Installation of this product in a place with high humidity is a cause of electric leakage or failure. Avoid outdoor places, places with direct light or wind from air conditioner, and places with large volume of dusts for installation.

- **Workability**

Secure sufficient space for work convenience.

Do not install too close to walls. If possible, it is optimal to secure enough space for a person to pass.



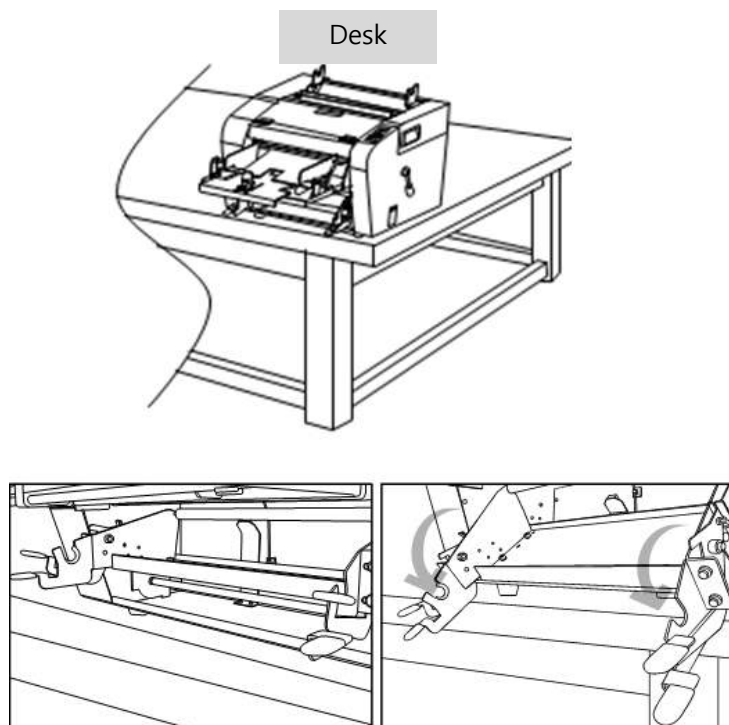
### Do not block the vent hole of this product.

Blocking the vent hole can cause fire from internal heat.

Do not install the product in the following places.

- Narrow place with bad ventilation such as closets.
- On top of carpets and soft cloths.
- On top of flammable object such as papers and newspapers.
- Places that generate combustible and explosive gases or toxic gases.

Also the product must be at least 20" away from the wall when installing nearby wall.



This product descends the support when attaching the laminate film.

If the product is installed at the center of a desk, it can be difficult to attach the film as the support is blocked by the desk.

Refer to the figure above to install the product at the tip so that the support is not blocked.

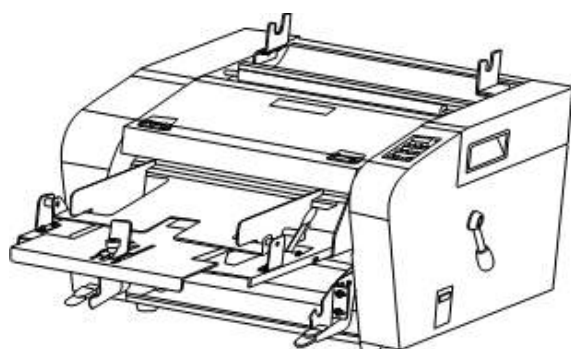
## Characteristics of Product

- Stable thermal performance  
Metal roller is positioned in front of heat rollers that perform laminate (compression) to preheat the film for stable thermal performance, allowing high quality laminate processing.
- Auto cutting function  
Edges of the laminated paper can be cut automatically.
- High speed laminate  
The metal roller described above is mounted to allow high speed laminate.  
Revo-T14 : 63"/min
- Open device  
Use of open device allows opening and closure of top and bottom rollers. It is easier to attach the laminate film, clean the rollers, and respond to troubles.

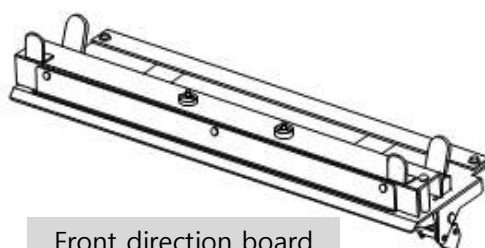
## Confirmation of Parts

This product includes the following parts and documents.

### Components included in the package



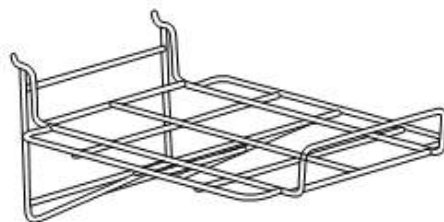
Main body



Front direction board



Film shaft 2pcs (for Upper and Lower)



Output tray



Hex wrench



Power cord



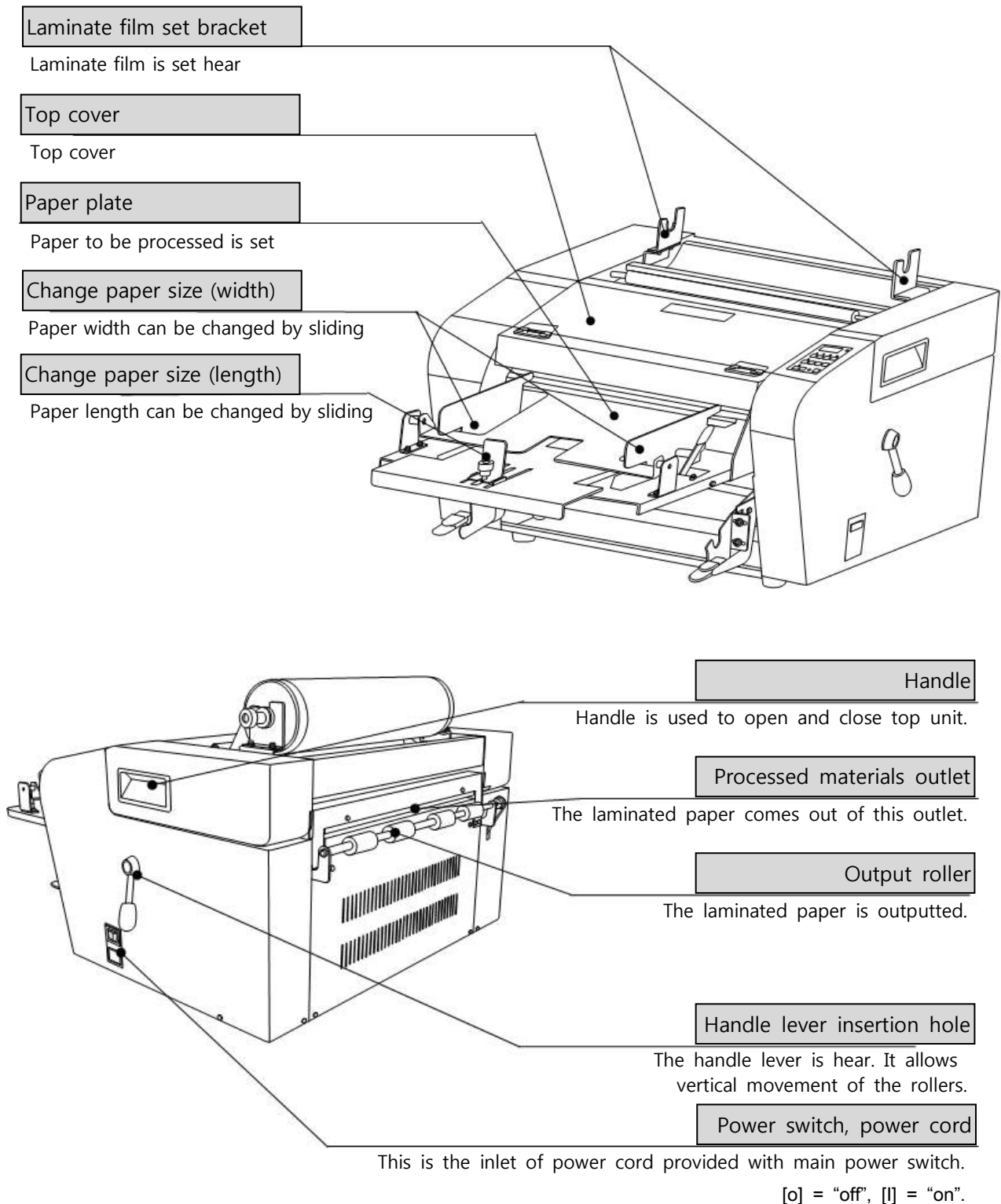
Handle



Instruction manual  
(This document)

## Name of Each Part

### Main body of Revo-T14





## Interior of Revo-T14

### Metal roller

Be careful as it gets hot during use.

### Heat roller

Be careful as it gets hot during use.

### Pull roller

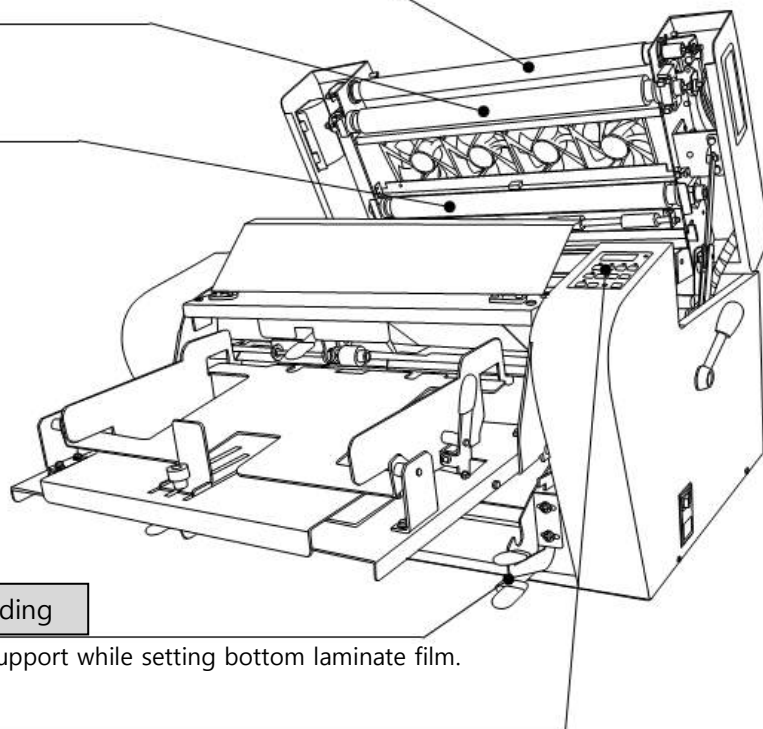
Paper to be processed is set.

### Bottom laminate film support descending

This lever is used to descend or fix the support while setting bottom laminate film.

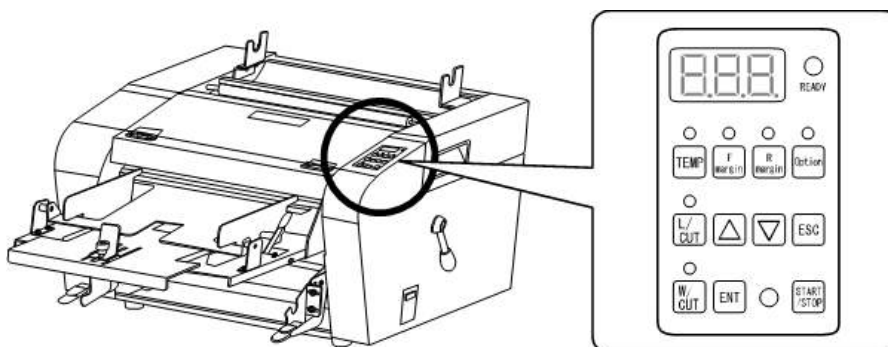
### Metal roller

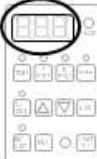





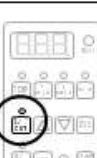
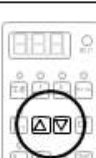

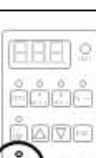

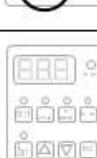

Panel is used to operate, stop and set this product.













# Revo-T14 Operation panel



 <p><b>Number Display</b> Displays surface temperature of the roller and setting values. In general (when no operation is done after connecting power), current heat roller temperature is displayed.</p>	 <p><b>Ready Lamp (red)</b> This lamp is turned on when laminate work can be performed with consideration on roller surface temperature. The lamp will flicker when there is difference between roller surface temperature and setting (while preheating after power connection, etc.).</p>
 <p><b>TEMP Button (LED lamp: orange)</b> LED lamp is turned on and heat roller temperature is displayed if no button is pressed after power connection. When the button is pressed in this state, LED lamp flickers and turns to temperature display for the metal roller.</p>	 <p><b>F Margin Button (LED button: orange)</b> This button issued to display remaining mm of the front film in the direction of the film. LED lamp is turned on and current setting is displayed when pressed ONCE.</p>
 <p><b>R Margin Button (LED lamp: orange)</b> The button is used to display mm setting of the rear film in the direction of the film. LED lamp is turned on and current setting is displayed when the button is pressed once.</p>	 <p><b>Option Button (LED lamp: orange)</b> Number of papers to be processed is displayed when the product is at a stop, performing countdown from the number of papers. When setting is 「0」, papers will be supplied until they run out. Setting value is reset when power is turned off.</p>
 <p><b>L/CUT (LED lamp: green)</b> This selects whether to perform film cutting using rotary cutter. LED lamp is turned on and off whenever the button is pressed, displaying whether the rotary cutter is enabled or disabled.</p>	 <p><b>△ Button • ▽ Button</b> These buttons are used to increase or decrease values during setting.</p>
 <p><b>ESC Button</b> This button is used to cancel any changes made to settings when various settings are changed.</p>	 <p><b>W/CUT (LED button: green)</b> When using the output tray, operate with the lamp on.  <ul style="list-style-type: none"> <li>Continuous lamination processing will stop once with 200 sheets.</li> <li>In order to resume laminating process, remove all laminated products on the output tray and press the START button.</li> </ul> For the method of turning on and off the lamp, please check P9.</p>
 <p><b>ENT Button</b> This button is used to switch to setting mode or decide to apply the changed value.</p>	<p>* This function is to prevent the laminated products from accumulating in the output tray to block the outlet port. Please use this function when using the output tray.</p>
 <p><b>START/STOP Button</b> This button starts or stops the device.</p>	 <p><b>Operation Display Lamp (LED lamp: green)</b> This lamp is turned on during operation of the device.</p>





## Basic operation of [W/CUT] key

The operation will change with how to press [W/CUT] key.

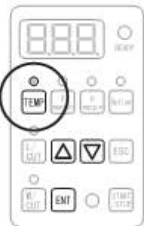



<p><b>(1-a) Output tray use mode (lamp lighting)</b></p> <p>Press  key, then press  key.</p> <p><b>(1-b) Raise paper tray base</b></p> <p>Press  key, and press  key. ( same time)</p>	<p><b>(1-a) Output tray unused mode (lamp off)</b></p> <p>Press  key, then press  key.</p> <p><b>(1-b) Down paper tray base</b></p> <p>Press  key, and press  key. (same time)</p>
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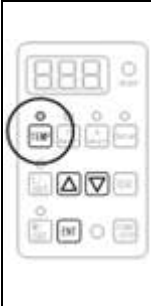

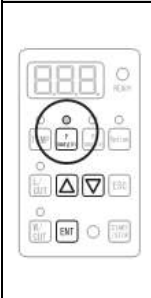

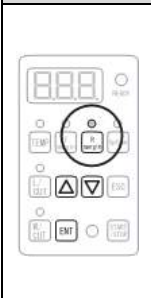

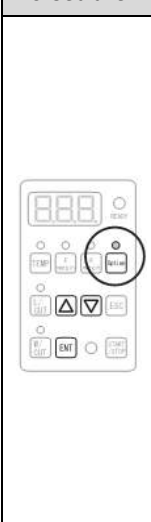

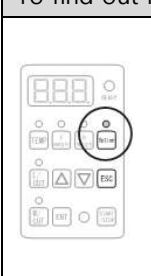

※Other than the above, do not press two or more buttons at the same time.

## Error display of operation panel

LCD display	Reason for stopping and solution
	<p><b>Jam sensor detection [AOP]</b> The processed material does not come out of the back and is caught inside the product. Open the top unit of this product and slowly close while taking the material out. ※ Press [ESC] to cancel panel display.</p> <p><b>The top unit is open. [AOP]</b> The top unit of this product is not closed properly. Since processing cannot be done as is, open the unit and close it again. Make sure that it is not opened by pulling the handle before continuing with the processing. ※ Press [ESC] to cancel panel display.</p>
	<p><b>Processing is finished for the number of paper set. [ A ]</b> If the number of processed paper is set, the product will stop once processing is done according to the number setting. ※ Press [ESC] to cancel panel display.</p>
	<p><b>Film end detection [ F L 1 ]</b> Since top laminate film is used up, turn the power off and set new films. ※ Press [ESC] to cancel panel display.</p>
	<p><b>Film end detection [ F L 1 ]</b> Since bottom laminate film is used up, turn the power off and set new films. ※ Press [ESC] to cancel panel display.</p>

## About setting and display

To adjust temperature of heat roller		
	<p>Initial setting: 210°F Adjustable range: 50-248°C</p> <ol style="list-style-type: none"> <li>1. Turn on the TEMP LED and press [ENT] button.</li> <li>2. Value on the display will flicker. (Showing that you entered setting mode)</li> <li>3. Press  and  buttons to set the number within 50~248°F.</li> <li>4. When [ENT] button is pressed again, flickering display is changed to on and setting is ended. ※ Press [ESC] button to stop during setting. ※ Setting is remembered when power is turned off.</li> </ol>	 <p>Power is connected and surface temperature of heat roller is displayed [210]=210°F</p>

To adjust temperature of metal roller		
	<p>Initial setting: 240°F Adjustable range: 50-248°F</p> <ol style="list-style-type: none"> <li>1. Press [ENT] button while TEMP LED is flashing</li> <li>2. Value on the display will flicker. (Showing that you entered setting mode)</li> <li>3. Press <math>\Delta</math> and <math>\nabla</math> buttons to set the number within 50~248°F.</li> <li>4. When [ENT] button is pressed again, flickering display is changed to on and setting is ended.</li> </ol> <p>※ Press [ESC] button to stop during setting. ※ Setting is remembered when power is turned off.</p>	 <p>Power is connected and surface temperature of metal roller is displayed [240]=240°F</p>
To make margin setting (front side of direction of film)		
	<p>Initial setting: 3mm Adjustable range: 0-50mm</p> <ol style="list-style-type: none"> <li>1. Turn on the F margin LED and press [ENT] button.</li> <li>2. Value on the display will flicker. (Showing that you entered setting mode)</li> <li>3. Press <math>\Delta</math> and <math>\nabla</math> buttons to set the number.</li> <li>4. When [ENT] button is pressed again, flickering display is changed to on and setting is ended.</li> </ol> <p>※ Press [ESC] button to stop during setting. ※ Setting is remembered when power is turned off.</p>	 <p>F margin LED is turned on and number is displayed [ 3]=3mm</p>
To make margin setting (back side of direction of film)		
	<p>Initial setting: 3mm Adjustable range: 0-50mm</p> <ol style="list-style-type: none"> <li>1. Turn on the R margin LED and press [ENT] button.</li> <li>2. Value on the display will flicker. (Showing that you entered setting mode)</li> <li>3. Press <math>\Delta</math> and <math>\nabla</math> buttons to set the number.</li> <li>4. When [ENT] button is pressed again, flickering display is changed to on and setting is ended.</li> </ol> <p>※ Press [ESC] button to stop during setting. ※ Setting is remembered when power is turned off.</p>	 <p>R margin LED is turned on and number is displayed [ 5]=5mm</p>
To set the number of papers to be laminated		
	<p>Initial setting: 0 sheet, Adjustable range: 0-250 sheets</p> <ol style="list-style-type: none"> <li>1. Turn on the option LED and press [ENT] button.</li> <li>2. Value on the display will flicker. (Showing that you entered setting mode)</li> <li>3. Press <math>\Delta</math> and <math>\nabla</math> buttons to set the number.</li> <li>4. When [ENT] button is pressed again, flickering display is changed to on and setting is ended.</li> </ol> <p>※ Press [ESC] button to stop during setting. ※ If setting value is 0, papers will be supplied until all papers on the paper plate are used up. For values other than 0, paper supply is finished once the number of papers set here is reached. ※ This setting value can be checked by pressing [Option] button when the machine is at a stop. Remaining number of papers to be processed can be seen if pressed during operation of the machine.</p> <p><b>⚠ Caution</b> The number displayed refers to the number of papers supplied, not the number of papers for which laminate is complete.</p>	 <p>Option LED is turned on and number of papers is set [250]=250 sheets</p>
To find out how many papers have been laminated so far		
	<p>Initial value upon power connection: 0 sheet</p> <ol style="list-style-type: none"> <li>1. Press [ESC] button while pressing [Option] button.</li> <li>2. Value on the display will flicker and show the number of papers process after power connection.</li> </ol> <p>※ Displayed number refers to the number of papers for which laminate is complete. ※ It does not show the number of papers processed before power connection.</p>	 <p>[ESC] is pressed while pressing [Option] button [125]=125 sheets</p>

To delete the number of laminated papers



Initial value upon power connection: 0 sheet  
 1. Press [ENT] button while pressing [Option] button.  
 2. The count is deleted and [0] is displayed.  
 ※ Displayed number refers to the number of papers for which laminate is complete.  
 ※ It does not show the number of papers processed before power connection.  
**⚠ Caution**  
 It is displayed as [0] once deleted and cannot be cancelled.



[ENT] is pressed while pressing [Option] button  
 [ 0 ]=0 sheet

## Before Laminate Processing

### About laminate film

There are two types of laminate film, 「roll type」 and 「pack type」.

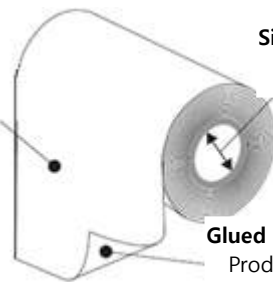
This product uses 「roll type」 laminate film.

※ 「Pack type」 laminate film and 「cold film」 cannot be used.

<b>Thickness (μ) micron</b>	This is thickness of the laminate film. Use according to the purpose. Films used by this product are 2 mil (50 μ) and 4 mil (100 μ) films.
<b>Size of paper tube (inner)</b>	Size of paper tube differs according to structure of the laminator. Exclusive 1-inch paper tube is used on this product.
<b>Type of roll film – Hot-roll film</b>	<b>Hot-roll film:</b> Heat is applied to melt glue and bound paper and film. <b>Cold-roll film:</b> The separator (release paper) is attached to the surface. During use, the paper is separated by the wrapping device and compressed by the roller.
<b>Glued surface (internal and external)</b>	The product is expressed as being internal or external depending on whether the glued surface on the laminate film is on the inside or outside of roll scroll. (※ This product is external type.) <b>⚠ Caution</b> Incorrect direction of the film can result in attachment of adhesive to the roller and damaging of the roller.

#### Glued surface of external film

Product with glued surface on the outside of roll scroll is called 「external」.



#### Size of paper tube

Inner diameter of paper tube

#### Glued surface of internal film

Product with glued surface on the inside of roll scroll is called 「internal」



### Precautions while handling laminate film

- Do not place laminate film in places with high temperature and humidity.
- When laminator is not used, store the film in film shelf or box.
- Use films appropriate for the laminator.
- If a problem is found in the film before use, do not use it. Reckless use can cause failure of the laminator.

## Materials that can be laminated

Different laminators have different materials (papers) that can be laminated.

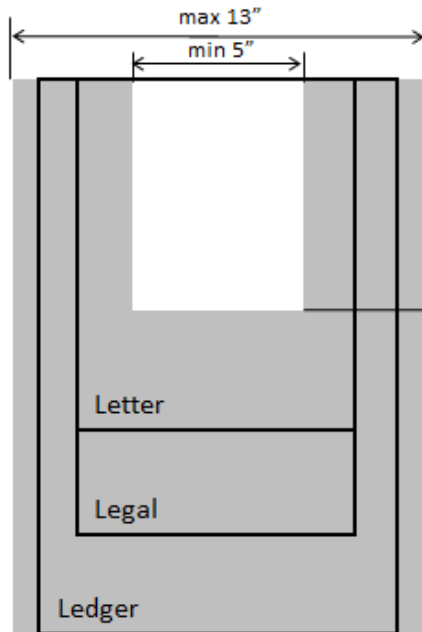
This product can also laminate 「photographs」 and 「colored printouts」 with the help of heating structure in the internal rollers, but there are materials (inappropriate) for laminate.

- Things written using crayons (there are crayons that are liquefied when heated)
- Thermal or pressure sensitive papers deformed or damaged by heat or pressure
- Objects that are not papers (they can damage the machine)

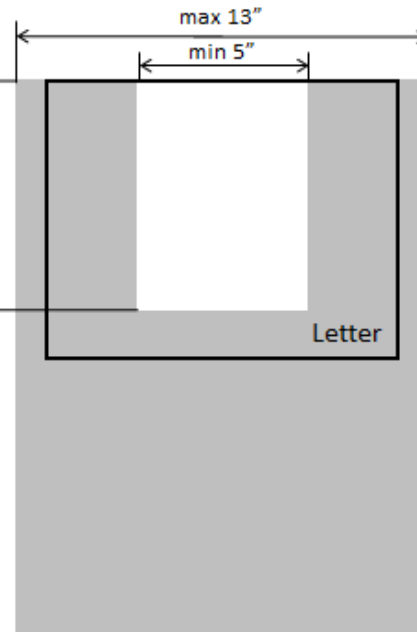
## About usable paper

Refer to below for sizes and thicknesses of papers that can be used on this product.

**Vertical size of paper**



**Horizontal size of paper**



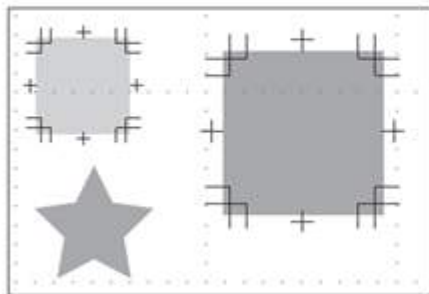
Bond paper

Paper size	Width	Length	Vertical	Horizontal
Ledger	11"	17"	OK	NG
Legal	8.5"	14"	OK	NG
Letter	8.5"	11"	OK	OK

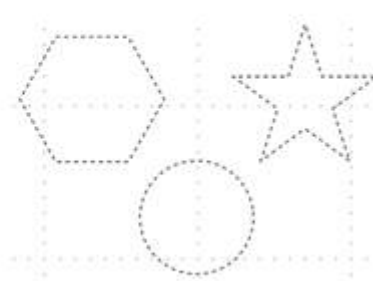
Paper thickness(basis weight)	Number ,of papers that can be set
16-24 lbs. bond.	Up to 300 sheets of paper
30 lbs. bond	Up to 250 sheets of paper
50 lbs. cover	Up to 200 sheets of paper
60 lbs. cover	Up to 150 sheets of paper

※ Since thickness differs according to paper type, the above table is only for reference. Confirm thickness (basis weight: lbs.) of the paper used with the paper seller or manufacturer

**OK** Laminate with the above paper size.  
Then cut to the required shape.



**NG** Deformed size is laminated as is.



### Caution

- Deformed sizes such as triangle, circle and star shapes cannot be used, even if they are included in the above.
- Papers with non-standard thickness may not be supplied or several pages can be supplied at once. Since it can also be affected by printing status such as toner and ink, the above table is only for reference.



## Setting and Processing of Laminate Film

### Setting and Processing of Laminate Film

Refer to the following to set the laminate film.

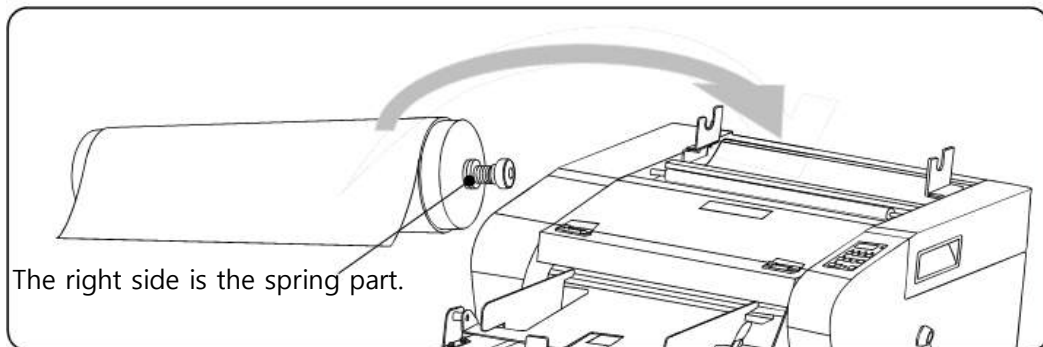
※ Since it is dangerous nearby during film setting, turn the power OFF and cool the rollers for 10 minutes before setting.

#### [ 1 ] Check the installation point of this product.

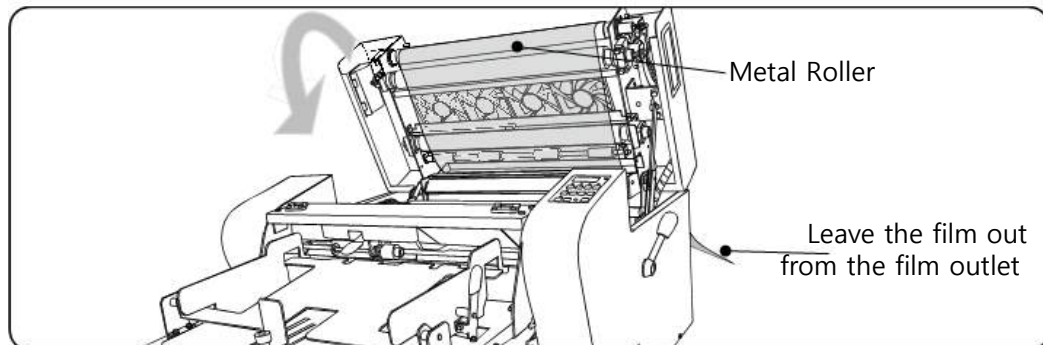
- ① This product must have the bottom laminate film stand pulled down.  
Film setting can be made difficult by the stand depending on the installation position.

#### [ 2 ] Set the top laminate film.

- ① Look at the tip of the film from the front and position the paper tube holder with spring on the right side. (For external type)
- ② Since left side of the film set bracket is fixed, set the left side first.

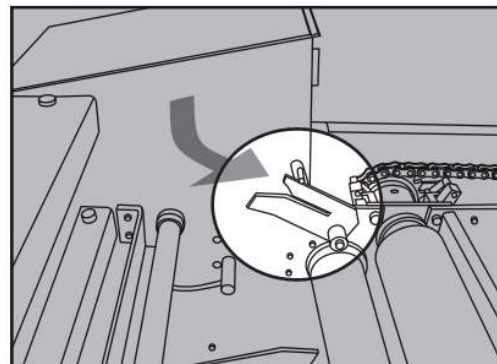
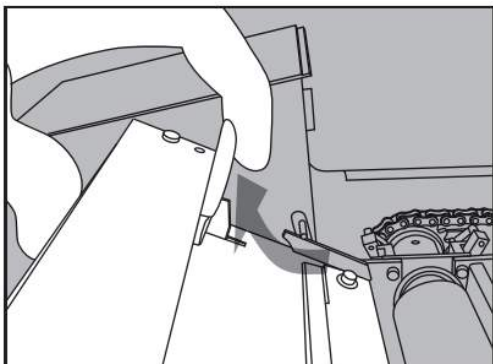


- ③ Pull the film to the metal roller and slowly open the top unit of main body to insert the film so it comes out of the outlet.

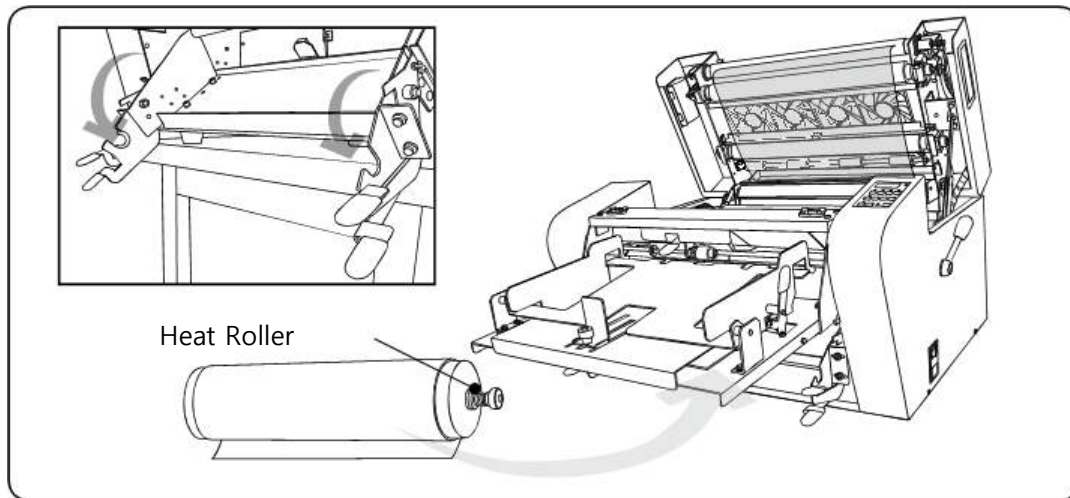


#### [ 3 ] Set the bottom laminate film.

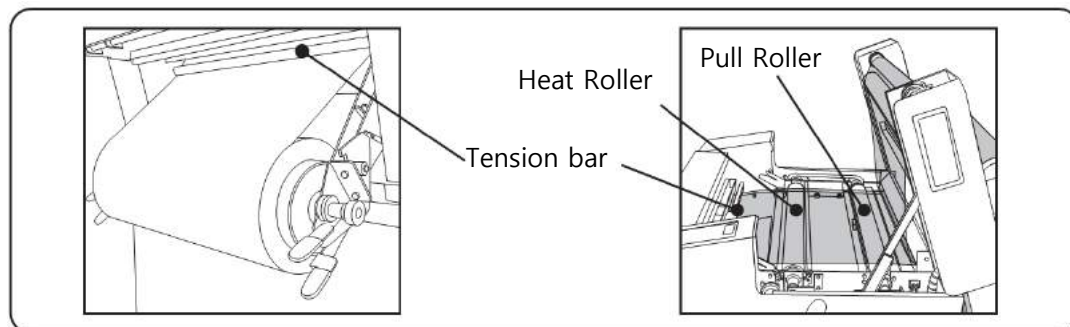
- ① Pull the brackets on left and right sides of direction board to separate the direction board. During installation, make sure that the film is inserted into the bracket gap inside the circle in the figure on the right.



- ② Slowly pull down the left and right levers of the bottom laminate film stand underneath the paper plate down to the edge.



- ③ The film passes through the back of tension bar and comes out of outlet past the heat roller.



- ④ Slowly lift the bottom laminate stand to the edge of left and right levers to return it to its original state.
- ⑤ When closing the top unit, close it by slowly pulling top and bottom films from the outlet to prevent formation of wrinkles on the films. Here, be careful not to stretch the film too strongly.
- ⑥ Return the direction board to its original position.  
Do not slant the direction board.

#### [ 4 ] Set the paper to be processed.

- ① Place the paper to be processed on top of paper plate, and adjust the size using lever to prevent the paper from moving in any direction.  
Use a paper with size and thickness compatible with this product.

#### [ 5 ] Connect power and set detailed settings.

- ① Connect power on the right side of this product.
- ② Set front and back margins and number of papers to be processed on the operation panel.  
Refer to P8~10 for setting.

#### [ 6 ] Start processing.

- ① When [READY] lamp is turned on in red, preparation is complete.  
Press [START/STOP] button to start processing.  
※ If the machine immediately stops or an error is generated while processing, review the setting method.



#### Caution

- Since each part becomes as hot as the heat roller during use of this product, be careful about burning.
- Some errors cannot be resolved without turning the power off.  
Settings such as number of papers to be processed are reset with power off and must be reconfigured



## Maintenance

This product is composed of various rollers, and they must be cleaned with use. Laminate can be maintained as desirable by cleaning the rollers.

### Cleaning of heat rollers

Small amount of glue can leak out of the film section and attach to the roller during laminate processing. If glue remains on the rollers, it can degenerate quality of laminate process or cause failure. The rollers must be regularly cleaned.

- ① Remove the direction board and open the top unit to clean.
- ② Wipe out with soft cloth or wipe glue and contamination out using antiseptic ethanol or alcohol. Do not use solvent thinner and benzene as they can deform or discolor the rollers.
- ③ Bottom heat rollers will not rotate for safety when [START/STOP] button is pushed with the top unit open. Close the top unit and slowly rotate the rollers for cleaning.

### Cleaning of other rollers

Other rollers are cleaned as identical to heat rollers as paper scraps and dusts can attach to rollers. Feed roller on the back of the direction board must be cleaned as well.



#### Caution

- Stop the rollers when cleaning.
- Do not clean the rollers using hard objects like steel wool as they can damage rollers.
- Do not inflict force on rollers for long time.
- Do not clean rollers using thick paper, which is occasionally found in pack type laminators. Thick paper can block the device and cause damage or failure. Likewise, do not use thin paper to clean rollers. Paper can roll into rollers, causing failure.

### Moving of the product

Attention to the following matters in the case of moving the product.



#### Caution

- When lifting the main body, don't lift the hand hooking portion. The hand hooking portion have only strength for opening and closing the upper unit. When lifting the main body, lift it from the bottom plate of the main body.

## Troubleshooting for Failures

The following must be kept in mind while using this product

### Power does not turn on or machine does not function

- **Insert outlet plug and check power switch**  
Make sure that the outlet plug is correctly connected.  
Check whether power switch on the rear side is turned on.  
If the power cord is disconnected by scratch, contact the seller.
- **Check disconnection of fuse**  
If it is disconnected, replace with a new fuse with identical spec.  
When the same symptom continues to occur, contact the seller.
- **Heater or light projector is used nearby, or long drum (cord reel) is used**  
When such products are used, use different power system.  
If a drum is used, separate the drum and connect this product.
- **Abnormal sound is created by motor**  
When abnormal sound is created by the motor, the saw-tooth is damaged or screw is loosened.  
Contact the seller.
- **Setting temperature is not reached**  
Check the display on the operation panel.  
If [READY] lamp flickers, wait until the lamp is turned on.
- **The top unit is left open**  
Check whether the handle on the right side of main body is pulled down or in open state.  
If the top unit is not closed properly, close it again.
- **Display on the operation panel is strange.**  
If text displayed on the operation panel appears as 「0」 or broken, turn off the power and wait for a moment before applying power again.  
If the problem cannot be resolved by reconnecting power, contact our company or the seller.

### It malfunctions or power immediately turns off

- **There is problem in wiring.**  
Contact the seller.
- **PCB malfunctions due to static electricity generated inside the machine.**  
Turn the power off first and then turn it on again.

### Top unit cannot be closed

- **Handle is pulled down.**  
Lift the handle to remove pressure status and pull down the handle again.

## Paper is not supplied or stopped

- **You are trying to process a paper that does not satisfy the spec.**  
If more than 1.18" height of papers is set on the paper plate, reduce the number of papers.  
Do not use papers with thickness outside the scope.
- **Direction board is not set correctly.**  
Pull the side handles forward while correcting position of the direction board.

## Processed material does not go in or come out

- **Did you insert a paper too thick?**  
Thickness range of paper that can be process by this product is 16 lbs. bond - 60 lbs. cover.  
When a thicker paper is inserted, paper cannot be supplied and laminate process cannot be done cleanly, or the product can be damaged if worst. Do not process papers thicker than the regulated thickness.
- **Is the film or paper rolled into a roller?**  
If the processed paper does not come out or is caught inside, it may have rolled into a roller.  
Immediately press [START/STOP] button to stop processing and open the top unit to check.  
Do not try to remove the film using cutter as the roller can be damaged by the cutter.  
Contact the seller.



### Caution

When the top unit is opened after suspending the process, heat roller and metal roller are extremely hot. Be careful about burning and injury.

## Wrinkles form on the material or it shows bad adhesiveness

- **Laminate film is not installed properly or tension of paper tube holder is loose.**  
Refer to P13~14 of this document for proper setting.
- **Handle is lifted up**  
If the top unit moves unstably when its handle is grabbed to open, the handle is lifted up.  
Open and close the unit and rotate the handle to pressurize the heat roller.
- **The machine is installed on a slanted surface.**  
Reinstall the machine on a flat surface.

## Laminated paper does not come out one by one

- **L/CUT button is not pressed.**  
If L/CUT LED is turned off, the cutter will not function. Press the button to turn LED on.

## Others

### Product Specification

Max. feed paper width	13"
Max. laminating width	12"
Laminating speed	63"/min (Fixed)
Processing temperature	Max. 248°F
Roller composition	Metal rollers, Heat rollers, Pull rollers (2 ea)
Pressurizing method	Spring, Cam method
Power requirements	AC 120V 60 Hz
Max. power consumption	1200 W
Size (W×D×H)	20.9" x 35.5" x 16.5" (530 x 900 x 420 (mm))
Weight	About 77lbs
Setting temperature warm-up time	About 5 minutes (differs according to the environment.)
Available laminate film	2mil (50μ), 4mil (100μ)
Maximum diameter of laminate film	4mil (100μ) x 328' (100m) (External roll diameter: up to 4.7")
Basis weight of paper used	16 lbs. bond - 60 lbs. cover (60g/m <sup>2</sup> - 160 g/m <sup>2</sup> )
Possible height of paper setting	About 1.18" (paper weight 17lbs. bond : about 300 sheets)
Temperature of use	50°F - 90°F
Humidity of use	15 % - 85 % (No condensation)
Storage temperature	32°F - 95°F
Storage humidity	15 % - 85 % (No condensation)

※ Details in this document can be changed without notice to make improvements on the product.

**Change & Challenge**



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