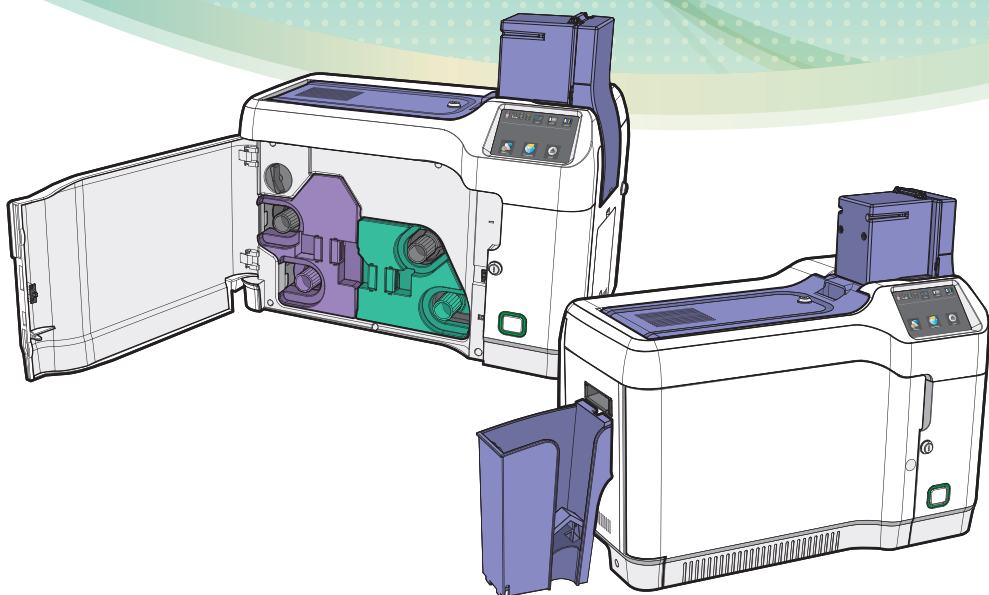


# POINTMAN® Retransfer Card Printer

Series

# NR

## User guide manual Install Printer and Ready



**POINTMAN**

[www.pointman.co.kr](http://www.pointman.co.kr)

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# Safety Precautions

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## -Explanation of symbols used in this manual

Before using this product, please make sure that you have read the safety precautions described below. The safety precautions noted on this page are categorized as Warning, Caution, Attention, Prohibition and Note. We are not responsible for any injuries or damage when the product is not used in compliance with these precautions.



### Warning

These warnings must always be followed; otherwise, this may result in serious injury or damage.



### Caution

Not following this caution can cause service interruption or product damage.



### Important

Use this information to check and inspect for the proper operation of the product.



### Note

This is a note that provides more details or information that is useful for users.



### Prohibition

It means an action that you should never do.



### Electrical hazard

It warns you of possible electric shock.



### Fire hazard

It warns you of possible fire.



### High temperature caution

It warns you not to touch hot parts.

## Power

|                                                                                                                                                                     |                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                    | Do not use damaged power cords, plugs, or loose outlets.                                                                                                                                                                       |
|                                                                                    | Do not pull out the cord or touch the power plug with wet hands.                                                                                                                                                               |
|                                                                                    | Be careful not to damage the power cord by bending it excessively or pressing it with heavy objects.                                                                                                                           |
|                                                                                    | Unplug the power cord when there is a thunder, lightning, or when not in use for a long period of time.                                                                                                                        |
|                                                                                    | Always check if the power cord is completely plugged in.                                                                                                                                                                       |
|                                                                                    | Connect this product to AC power within the range indicated on the rating label. If you need assistance, please contact us or an authorized service representative.                                                            |
|   | If the power cord is peeled or damaged, do not use it as it may cause electric shock or fire.                                                                                                                                  |
|   | If the product is exposed to rain or liquid, it may damage parts and cause a fire or electric shock. Therefore, unplug the product without turning on the product, and then request service from an authorized service person. |

## Use and handling

|                                                                                   |                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Immediately after using the product, some parts inside the product may be very hot. Wait at least 15 minutes for the product to cool before touching any parts inside the product. |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Cleaning

|                                                                                                                                                                         |                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|                                                                                      | If there is dirt or water on the power plug, remove it completely and dry it sufficiently for at least 20 minutes before use. |
|   | Be sure to clean after unplugging the power plug, and do not spray water directly or wipe with benzene or thinner.            |

## Installation/storage

|                                                                                   |                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Do not install in humid, dusty places, or places exposed to water (rainwater).                                                                                                                  |
|  | Do not place candles, cigarette light, etc. on the product or install it near a hot air balloon.                                                                                                |
|  | Keep the product away from flammable liquids, gases and aerosols.                                                                                                                               |
|  | Do not install the product in a location that may block or interfere with the product's ventilation openings.                                                                                   |
|  | Ventilation holes of the product are essential for ventilation, and if blocked, there is a risk of overheating and fire.                                                                        |
|  | Do not install this product built-in in a location with poor ventilation.                                                                                                                       |
|  | Make sure the cord is handled well to avoid tripping over it.                                                                                                                                   |
|  | Do not place the product in direct sunlight. It may cause malfunction.                                                                                                                          |
|  | Do not install the product on a soft floor, such as a bed or sofa.                                                                                                                              |
|  | When installing the product, be sure to install it with the power plug disconnected from the outlet.<br>(It may damage the power cord and cause fire or electric shock due to heat generation.) |

## Etc.

|                                                                                     |                                                                                                                             |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | Do not place water containers, chemicals, or small metal objects on the product.                                            |
|  | If the product emits a strange sound, smell, or smoke, immediately unplug the power cord and contact the place of purchase. |
|  | Do not disassemble, repair or remodel it.                                                                                   |
|  | Do not remove covers or protective devices that are fastened with screws.                                                   |
|  | If you put your hand inside the product, do not perform any operation that may cause the product to operate.                |
|  | Clean and maintain only as instructed in the instructions provided with this product.                                       |

# Product Introduction

## -Information

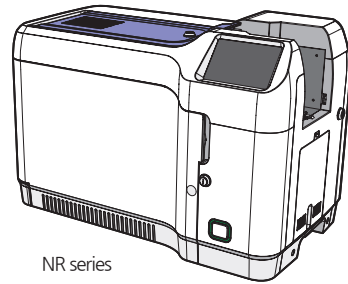
First of all, thank you for choosing our NR series.

This product is a retransfer card printer that prints images and texts worked on a computer on the surface of a film and then heats them with the pre-printed film on a PVC card.

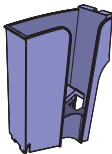
It supports not only magnetic cards designed to allow users to issue cards according to the required specifications in a short time, but also IC cards and RF card issuance functions (option) in accordance with the trend of the times, and also to meet the needs of various customers. Data such as various bar codes, magnets, and photos can be easily edited/printed by linking with Excel.

This device is suitable not only for financial systems, but also for membership cards of various membership and bonus card systems, and other employee IDs and passes, and provides quick service with higher mobility by printing directly on the user's PVC card. Do it.

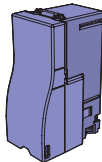
## -Component



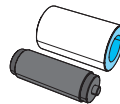
NR series



Card Stacker



Card Hopper



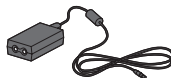
Cleaning Roller



USB Cable



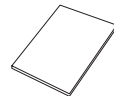
Power Cable



Power Supply



USB memory



Quick Start Guide

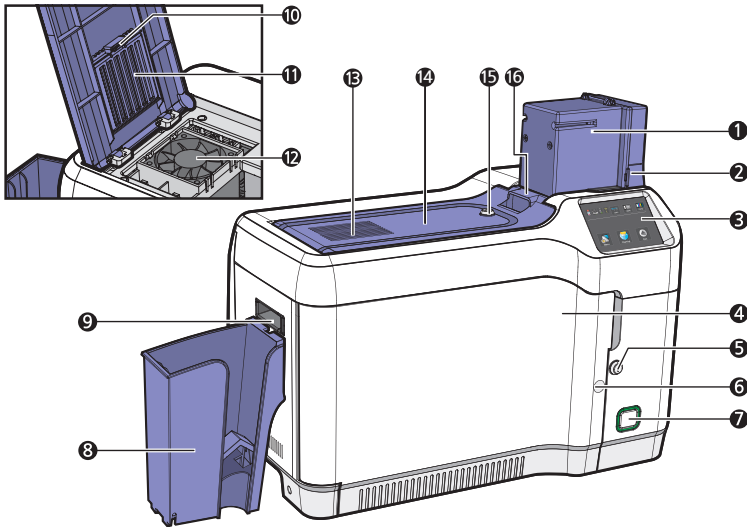


**Important**

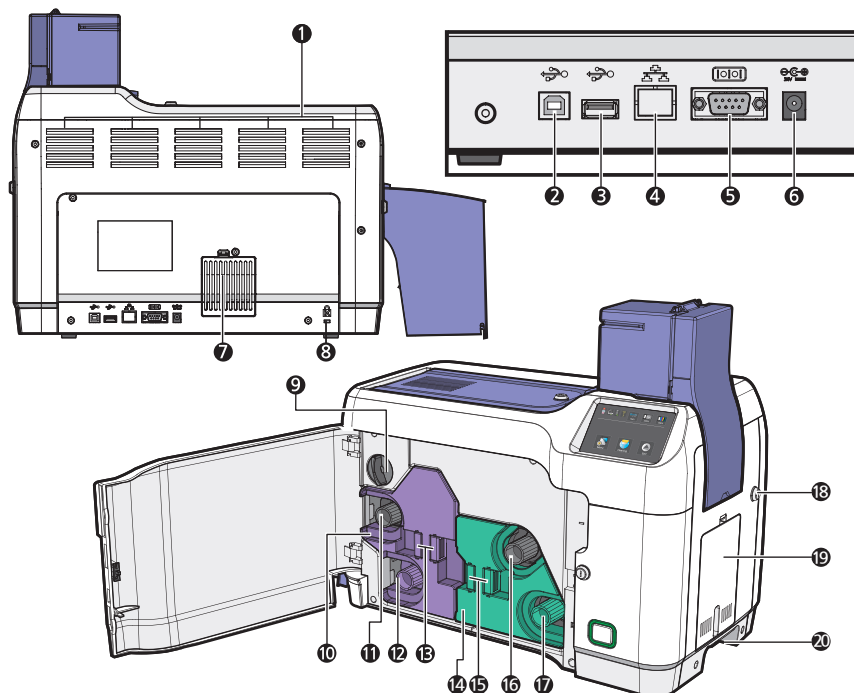
Please open the product packaging and check the presence and condition of the above items. If there is any damaged or missing item, please contact the dealer from whom you purchased it.

# Name of Part

## -NR300 (300DPI)

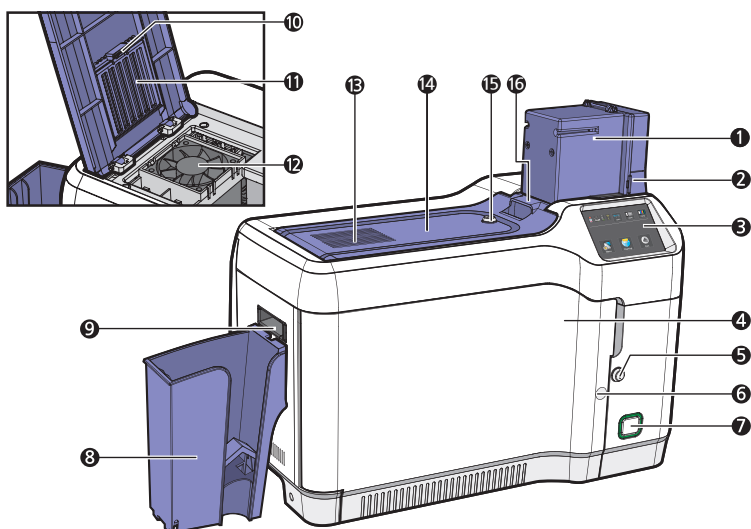


| Name                                 | Description                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------------------|
| ① Card Hopper                        | Used to load and issue cards. (up to 200 cards)                                              |
| ② Open card                          | Use to open the cover by hand pressing the card on the card                                  |
| ③ Display 4-inch Touch LCD           | Display the status of the printer and set the printer through Touch.                         |
| ④ Front cover                        | Open and close the ribbon and film when replacing it.                                        |
| <b>OPTION</b> ⑤ Front cover closure  | Used to lock and open the front cover to prevent theft of film and critical parts.           |
| ⑥ Open front cover button            | Press when you want to open the front cover.                                                 |
| ⑦ Power Switch                       | Use to turn on or off the power supplied to the printer.                                     |
| ⑧ Card Stacker                       | used to load the ejected card. (Up to 150 prints)                                            |
| ⑨ Card Output                        | The printed card is ejected.                                                                 |
| ⑩ Filter Cover Heat Button           | When replacing the dust filter, press and remove the filter cover when it is opened.         |
| ⑪ Filter cover                       | Used to hold filters so they don't fall out                                                  |
| ⑫ Fan                                | Heat is emitted from inside the printer to maintain the appropriate temperature.             |
| ⑬ Filter vents                       | Remove the heat discharged through the Fan outwards.                                         |
| ⑭ Top cover                          | Remove the card by opening the top cover in the event of a filter exchange and card singing. |
| <b>OPTION</b> ⑮ Upper Cover Lock key | Use to lock and open the top cover.                                                          |
| ⑯ Open Top Cover button              | Press when you want to open the top cover.                                                   |

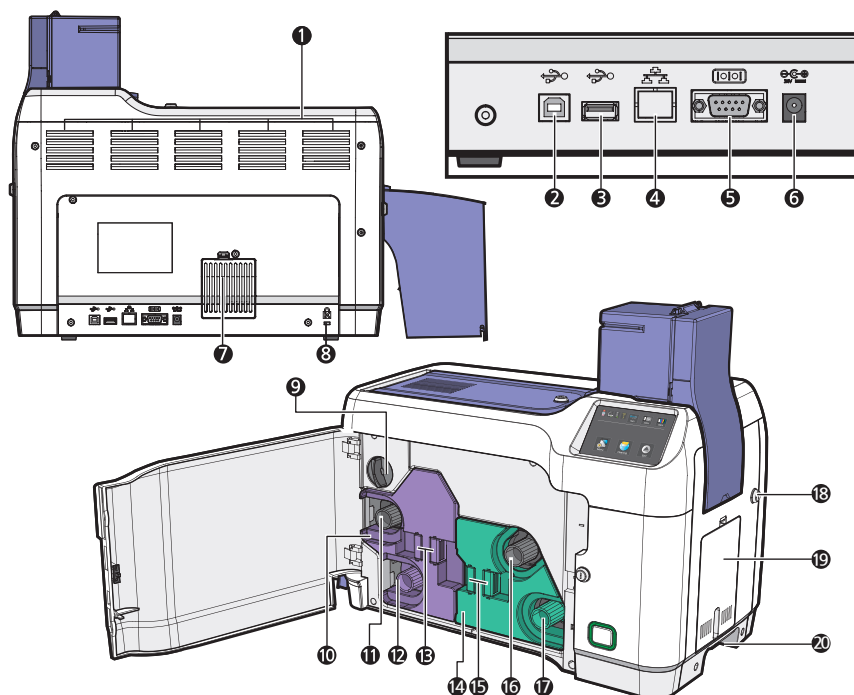


| Name                                  | Description                                                                                                                    |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1 Vents                               | It circulates air to control the temperature inside the printer.                                                               |
| 2 USB ports                           | USB type B shall be connected to UL Listed equipment (e.g: Laptop computer) with USB port which comply with ES1, PS2, and LPS. |
| 3 USB sockets                         | It is used for USB communication with a memory stick or computer.                                                              |
| OPTION 4 Ethernet ports               | It is used when connecting to a network by connecting a LAN line.                                                              |
| 5 RS232C Communication Device         | It is used when connecting to a PC with a USB cable.                                                                           |
| 6 Power-connected ports               | Connects to the power supply to supply power to the printer.                                                                   |
| 7 Filter cover                        | It is used to hold the filter so that filter does not come off.                                                                |
| 8 Anti-theft device slot              | It is used to attach a lock to the product for preventing theft.                                                               |
| 9 Knob                                | If a card jam occurs during printing, turn it manually to remove the card.                                                     |
| 10 Film Cartridges                    | It is used when installing a film. (Up to 1200 sheets of film can be installed)                                                |
| 11 Film recovery core knob            | When installing the film, turn the knob to prevent sagging.                                                                    |
| 12 Film core knob                     | When installing the film, turn the knob to prevent sagging.                                                                    |
| 13 Cartridge Removable Button         | It is used to remove the cartridge.                                                                                            |
| 14 Ribbon Cartridges                  | it is used when installing a ribbon. (Up to 600 sheets of film can be installed)                                               |
| 15 Cartridge Removable Button         | It is used to remove the cartridge attached to the printer.                                                                    |
| 16 Ribbon recovery core knob          | when installing the ribbon turn the recovery core knob to prevent squashing                                                    |
| 17 Ribbon core knob                   | when installing the ribbon turn ribbon core knob to prevent squashing                                                          |
| OPTION 18 Card stacker and reject box | To prevent card theft, use the lock key to lock and open the card stacker and reject boxes.                                    |
| 19 Card reject box Cover              | When you want to remove a card from the card reject box, open and close it.                                                    |
| 20 Carrying handle                    | Prevents slipping when transporting the printer and helps convenient transport                                                 |

## -NR600 (600DPI)



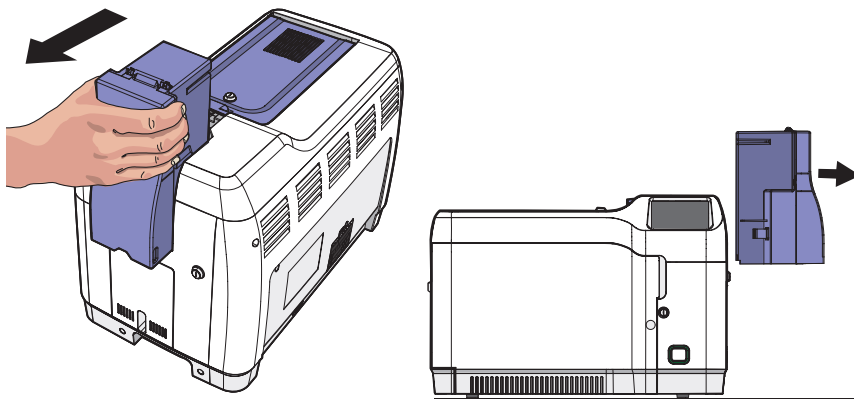
| Name                                 | Description                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------------------|
| ① Card Hopper                        | Used to load and issue cards. (up to 200 cards)                                              |
| ② Open card                          | Use to open the cover by hand pressing the card on the card                                  |
| ③ Display 4-inch Touch LCD           | Display the status of the printer and set the printer through Touch.                         |
| ④ Front cover                        | Open and close the ribbon and film when replacing it.                                        |
| <b>OPTION</b> ⑤ Front cover closure  | Used to lock and open the front cover to prevent theft of film and critical parts.           |
| ⑥ Open front cover button            | Press when you want to open the front cover.                                                 |
| ⑦ Power Switch                       | Use to turn on or off the power supplied to the printer.                                     |
| ⑧ Card Stacker                       | used to load the ejected card. (Up to 150 prints)                                            |
| ⑨ Card Output                        | The printed card is ejected.                                                                 |
| ⑩ Filter Cover Heat Button           | When replacing the dust filter, press and remove the filter cover when it is opened.         |
| ⑪ Filter cover                       | Used to hold filters so they don't fall out                                                  |
| ⑫ Fan                                | Heat is emitted from inside the printer to maintain the appropriate temperature.             |
| ⑬ Filter vents                       | Remove the heat discharged through the Fan outwards.                                         |
| ⑭ Top cover                          | Remove the card by opening the top cover in the event of a filter exchange and card singing. |
| <b>OPTION</b> ⑮ Upper Cover Lock key | Use to lock and open the top cover.                                                          |
| ⑯ Open Top Cover button              | Press when you want to open the top cover.                                                   |



| Name                                 | Description                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| ❶ Vents                              | It circulates air to control the temperature inside the printer.                                                               |
| ❷ USB ports                          | USB type B shall be connected to UL Listed equipment (e.g: Laptop computer) with USB port which comply with ES1, PS2, and LPS. |
| ❸ USB sockets                        | It is used for USB communication with a memory stick or computer.                                                              |
| OPTION ❹ Ethernet ports              | It is used when connecting to a network by connecting a LAN line.                                                              |
| ❺ RS232C Communication Device        | It is used when connecting to a PC with a USB cable.                                                                           |
| ❻ Power-connected ports              | Connects to the power supply to supply power to the printer.                                                                   |
| ❼ Filter cover                       | It is used to hold the filter so that filter does not come off.                                                                |
| ❽ Anti-theft device slot             | It is used to attach a lock to the product for preventing theft.                                                               |
| ❾ Knob                               | If a card jam occurs during printing, turn it manually to remove the card.                                                     |
| ❿ Film Cartridges                    | It is used when installing a film. (Up to 1200 sheets of film can be installed)                                                |
| ⓫ Film recovery core knob            | When installing the film, turn the knob to prevent sagging.                                                                    |
| ⓬ Film core knob                     | When installing the film, turn the knob to prevent sagging.                                                                    |
| ⓭ Cartridge Removable Button         | It is used to remove the cartridge.                                                                                            |
| ⓮ Ribbon Cartridges                  | it is used when installing a ribbon. (Up to 600 sheets of film can be installed)                                               |
| ⓯ Cartridge Removable Button         | It is used to remove the cartridge attached to the printer.                                                                    |
| ⓰ Ribbon recovery core knob          | when installing the ribbon turn the recovery core knob to prevent squashing                                                    |
| ⓱ Ribbon core knob                   | when installing the ribbon turn ribbon core knob to prevent squashing                                                          |
| OPTION ⓲ Card stacker and reject box | To prevent card theft, use the lock key to lock and open the card stacker and reject boxes.                                    |
| ⓳ Card reject box Cover              | When you want to remove a card from the card reject box, open and close it.                                                    |
| ⓴ Carrying handle                    | Prevents slipping when transporting the printer and helps convenient transport                                                 |

# Install Cleaning Roller

1. Hold the card Hopper and pull it in the direction of the arrow to remove it.

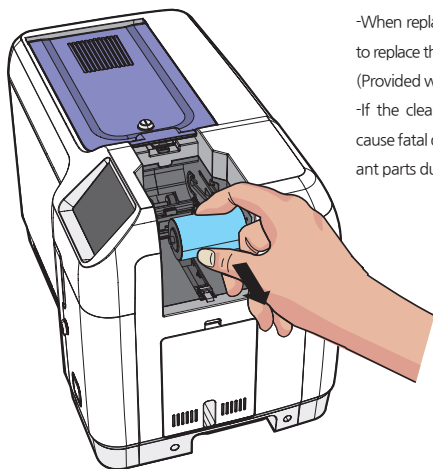


2. Remove the existing cleaning roller by pulling it in the direction of the arrow.

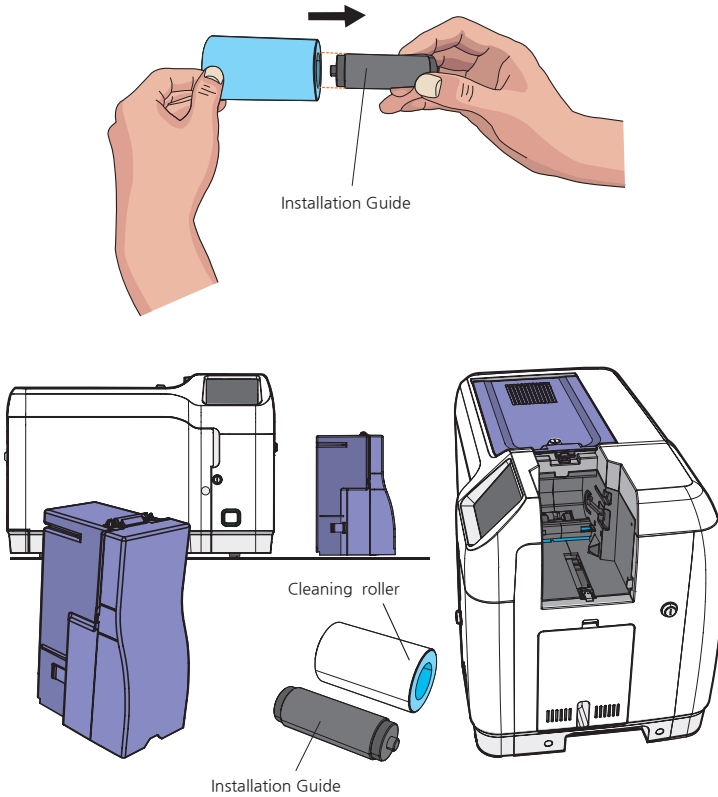


## Caution

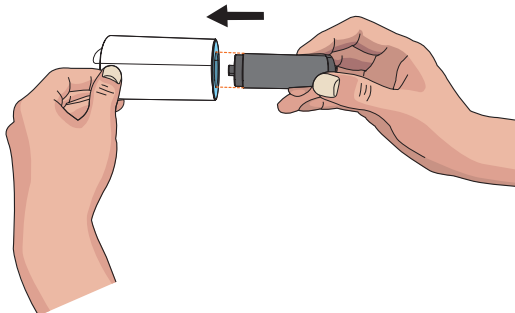
- When replacing the ribbon, it is recommended to replace the cleaning roller as well.  
(Provided with ribbon and cleaning roller)
- If the cleaning roller is not replaced, it may cause fatal damage to print quality and important parts due to dust or contaminants.



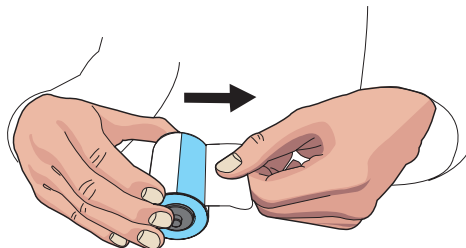
3. Remove the cleaning roller installation guide as shown in the image below and discard the contaminated cleaning roller.



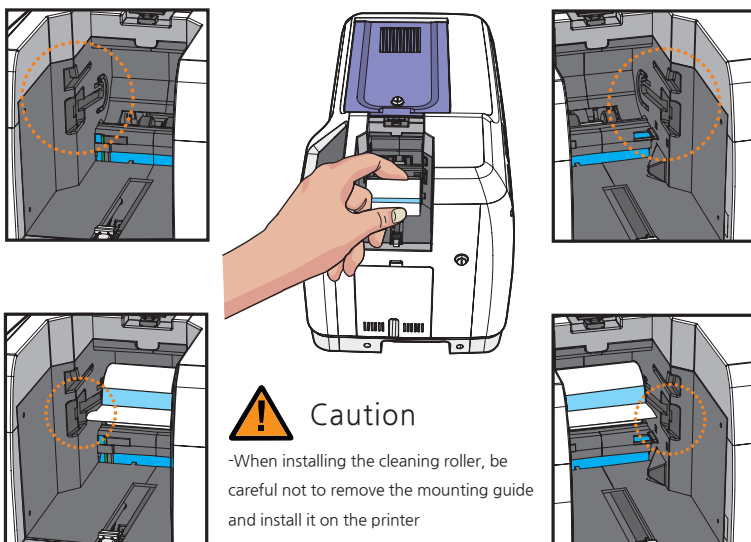
4. Install the new cleaning roller with installation guide as shown in the image below.



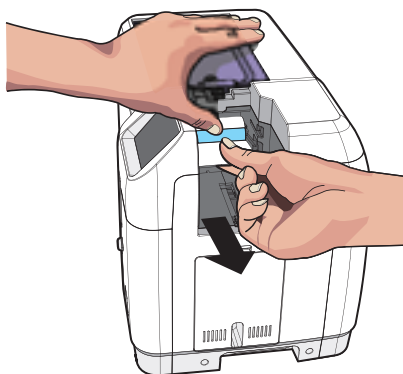
5. Remove protective tape to prevent fingerprint marks or contamination.



6. Align the cleaning roller with the 'U-shaped holder' on the mounting area' and push it in the forward direction



7. With the cleaning roller installed, hold the cleaning roller protection tape with one hand and rotate the cleaning roller with the other hand to remove the protective tape.

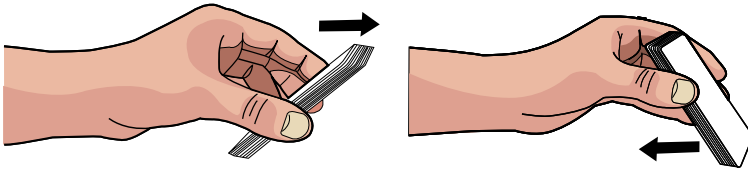


# Load Cards

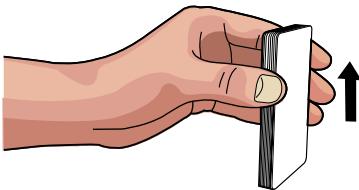
## -remove the card static electricity

It is recommended to load cards in the manner shown in the image below to prevent card jams.

1. Hold the appropriate amount of cards and tilt them back and forth a few times to separate them from each other.

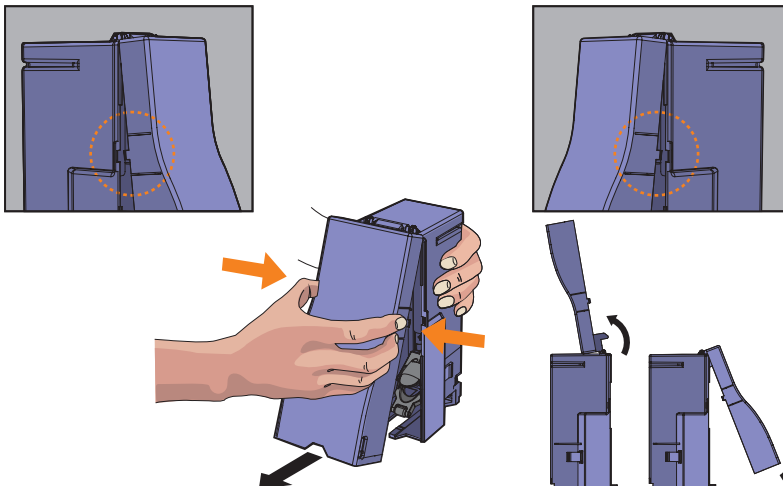


2. Align cards and load cards inside the input hopper as shown in the image below.

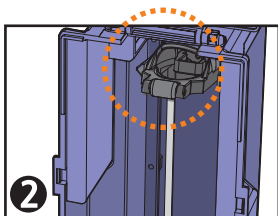
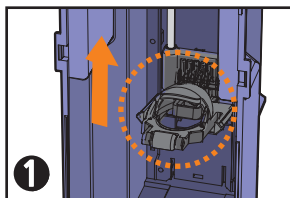
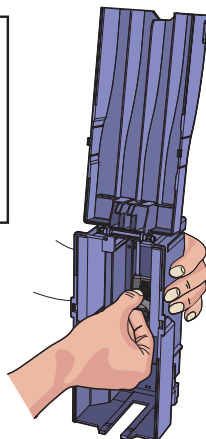
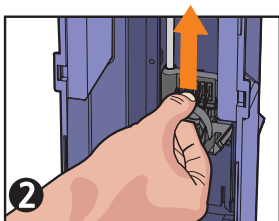
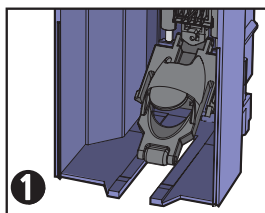


## -Inserting cards with Input Hopper detached

3. Slightly press the side of the input hopper and lift it up.

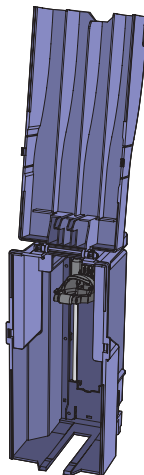


4. Lift the CARD WEIGHT PRESS and fix it until it clicks



### Caution

- When the CARD WEIGHT PRESS is properly fixed, it is fixed on the top of the card hopper as shown in the image below.

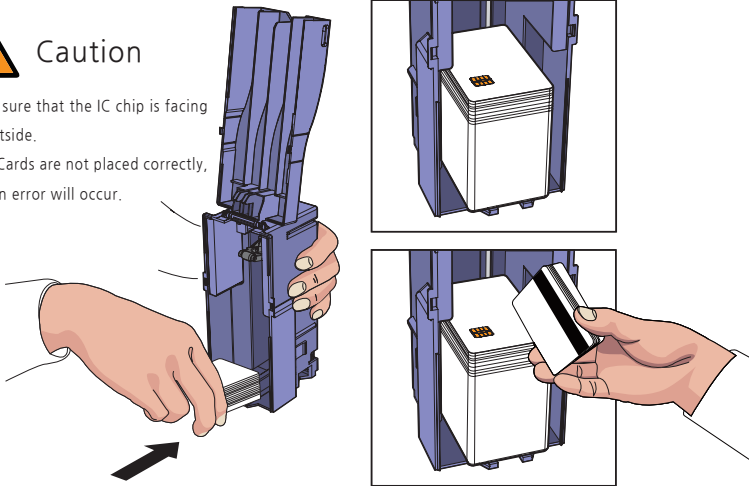


5. Load the cards in the Input Hopper in the same way as in the image below.

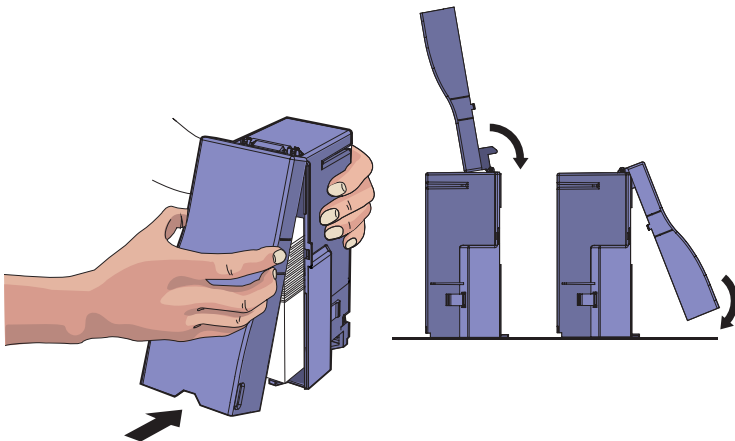


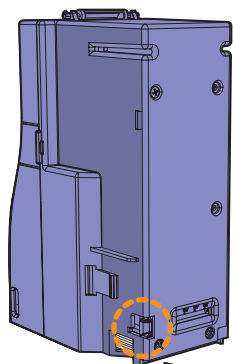
### Caution

- Make sure that the IC chip is facing the outside.
- If IC Cards are not placed correctly, then an error will occur.



6. Close the cover, and place the Input Hopper in the tray.

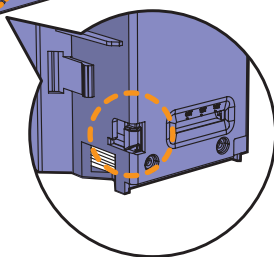




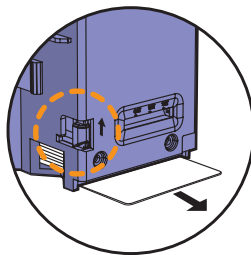
## Note

Load the cards in the card hopper in the same way as in the image.

The hinge located in the input card hopper to prevent card separation. When the input card hopper is installed, the card is transferred to the printer with the 'Hinge' open. And when the input card hopper is removed, the 'Hinge' is automatically closed to prevent displacement.



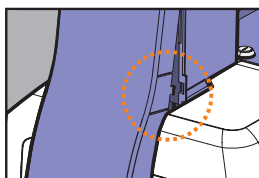
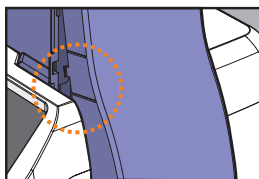
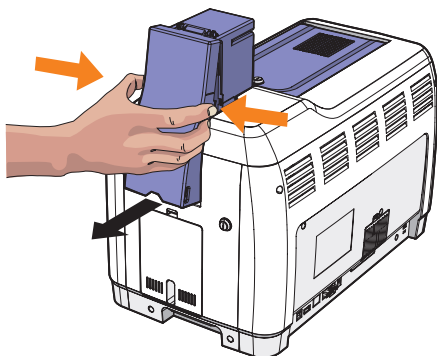
Before the input card hopper is loaded



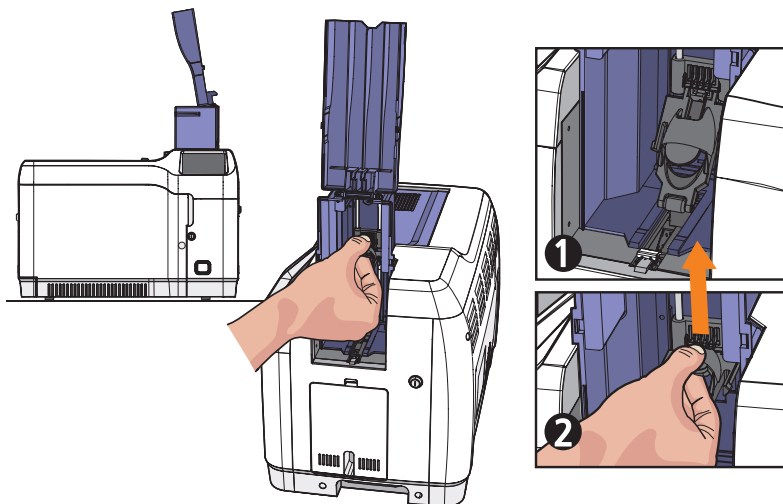
When the input card hopper is loading

## -Inserting cards with Input Hopper detached

1. Slightly press the side of the input hopper and lift it up.

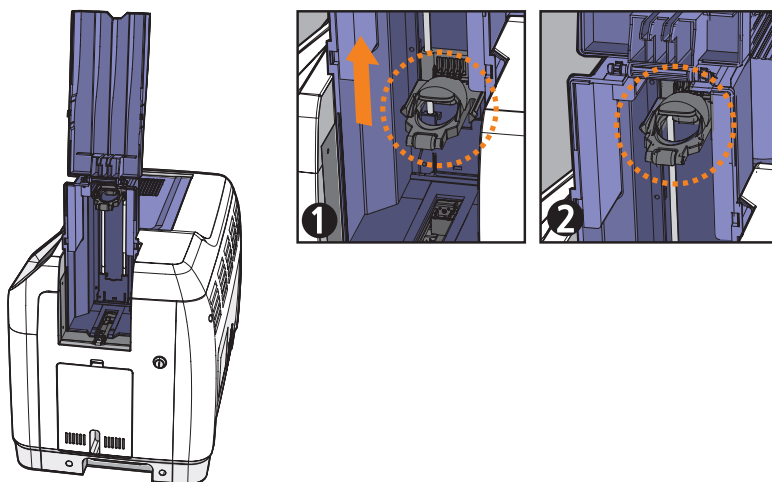


2. Lift the CARD WEIGHT PRESS and fix it until it clicks

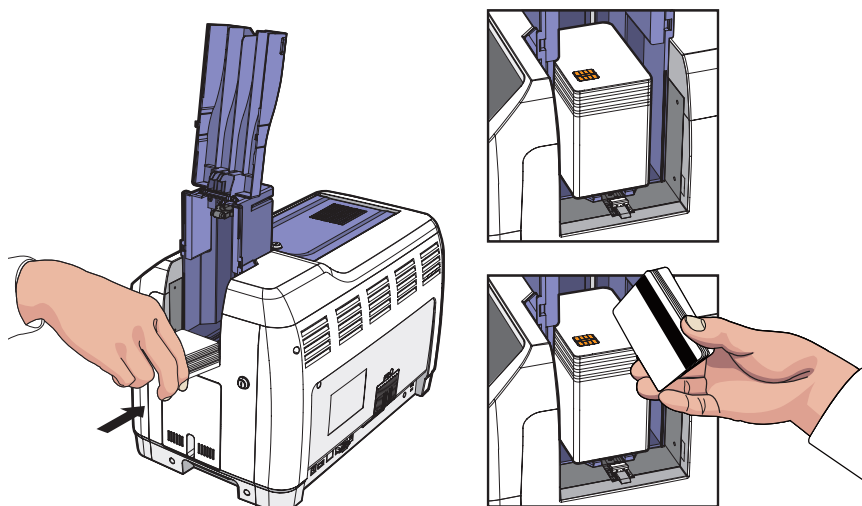


Caution

- When the CARD WEIGHT PRESS is properly fixed, it is fixed on the top of the card supply tray as shown in the below image.



3. Load the cards in the Input Hopper in the same way as in the image below.



### Caution

-Make sure that the IC chip is facing the outside.

4. Close the card input hopper cover and when it is closed, the Card Weight Press automatically moves to the card loading position.

