



N510 Series

USER MANUAL Maintenance

- Before using this Product, please read the USER MANUAL carefully and keep it for your reference.

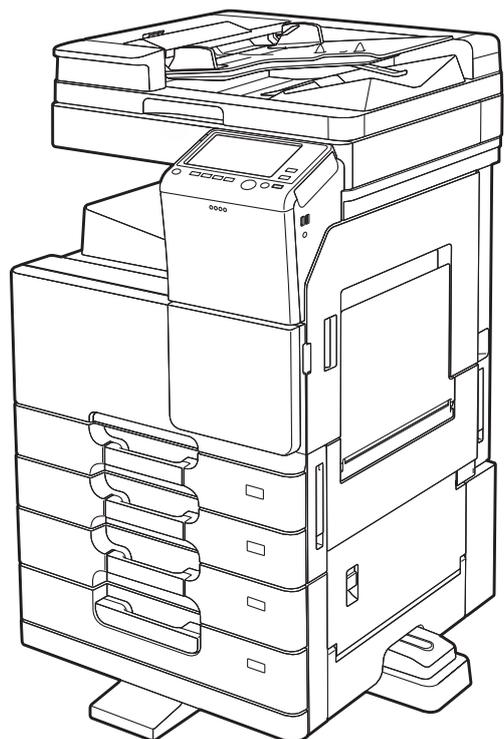




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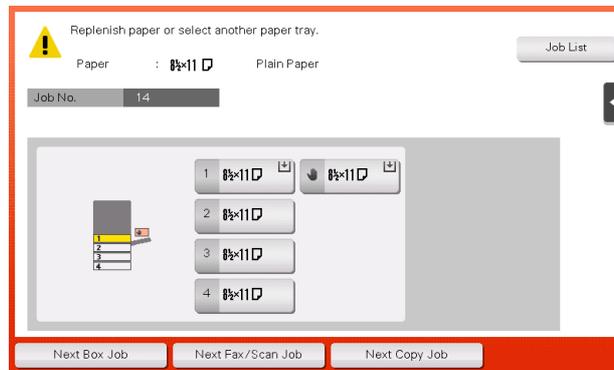


Adding Paper

1 Adding Paper

1.1 Paper Addition Message

If a paper-out occurs during printing, a message appears to prompt you to add paper. Check the paper size and type, and add paper into the tray or select another tray.



1.2 Adding Paper

Confirm the available paper types

For details on the types of paper that can be loaded into the paper tray, refer to "User's Guide[Introduction]/[Loading Paper]".

NOTICE

Do not load paper that is not supported in this machine. Not observing these precautions may lead to reduced print quality, a paper jam, or a damage to the machine. For details on the precautions on paper use, refer to "User's Guide[Introduction]/[Loading Paper]".

Adding paper into Tray1 to Tray4

For details on how to add paper into **Tray1** to **Tray4**, refer to "User's Guide[Introduction]/[Loading Paper]".

Adding paper into the LCT (built-in)

For details on how to add paper into the **LCT (built-in)**, refer to "User's Guide[Introduction]/[Loading Paper]".

Adding paper into the Bypass Tray

For details on how to add paper into the **Bypass Tray**, refer to "User's Guide[Introduction]/[Loading Paper]".



Checking Consumables Status

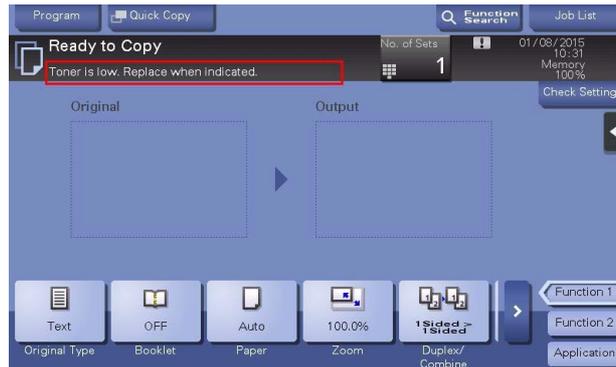
2 Checking Consumables Status

Consumables replacement message

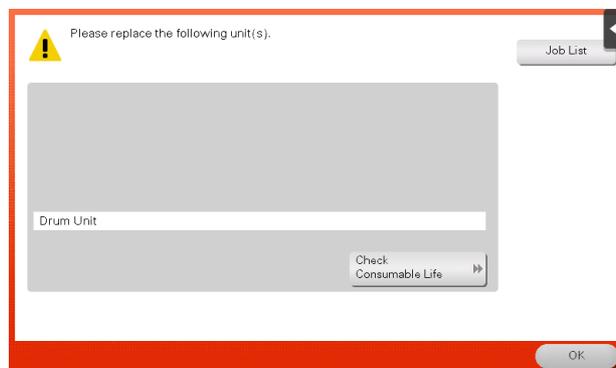
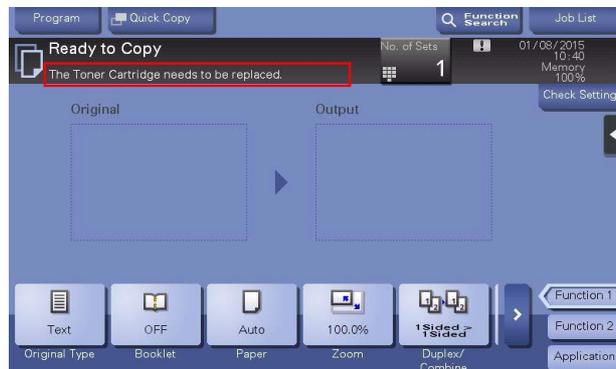
Users will be informed of time to replace a **Toner Cartridge**, **Drum Unit**, or **Developing Unit** via a message displayed on the screen.

(The settings by the service representative are required to display a message about **Drum Unit** or **Developing Unit**. For details, contact your service representative.)

- When it is almost time to replace a **Toner Cartridge**, an advanced warning message appears. Prepare a replacement **Toner Cartridge** based on the maintenance contract.

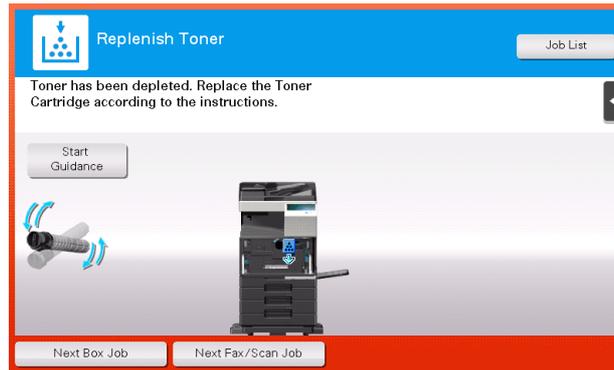


- When the time to replace a **Toner Cartridge** or **Drum Unit** has come, a replacement prompt message appears. Replace it based on the maintenance contract. For details on the replacement procedure, refer to page 3-2.

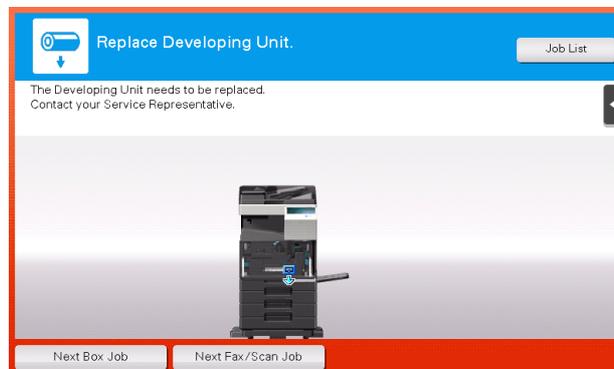


- When toner is depleted or when it is time to replace a **Drum Unit**, a message appears to prompt you to carry out a replacement. When this message appears, replace it based on the maintenance contract.

For details on the replacement procedure, refer to page 3-2.



- If the replacement time of a **Developing Unit** has been reached, a message appears to prompt you to contact your service representative. If the message appears, contact your service representative.



NOTICE

*A **Drum Unit** must not be replaced before the relevant message appears.*

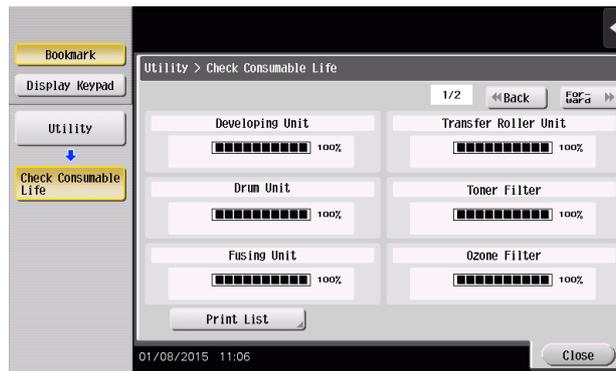
Checking the consumption level

Check the status of consumables (consumption level) using the **Touch Panel**. When necessary, each level can be printed in list form.

- 1 Tap [Utility] - [Check Consumable Life].

2 Check the status of consumables.

→ To print a consumption level list, tap [Print List], select paper, and then tap [Start].



☺ Reference

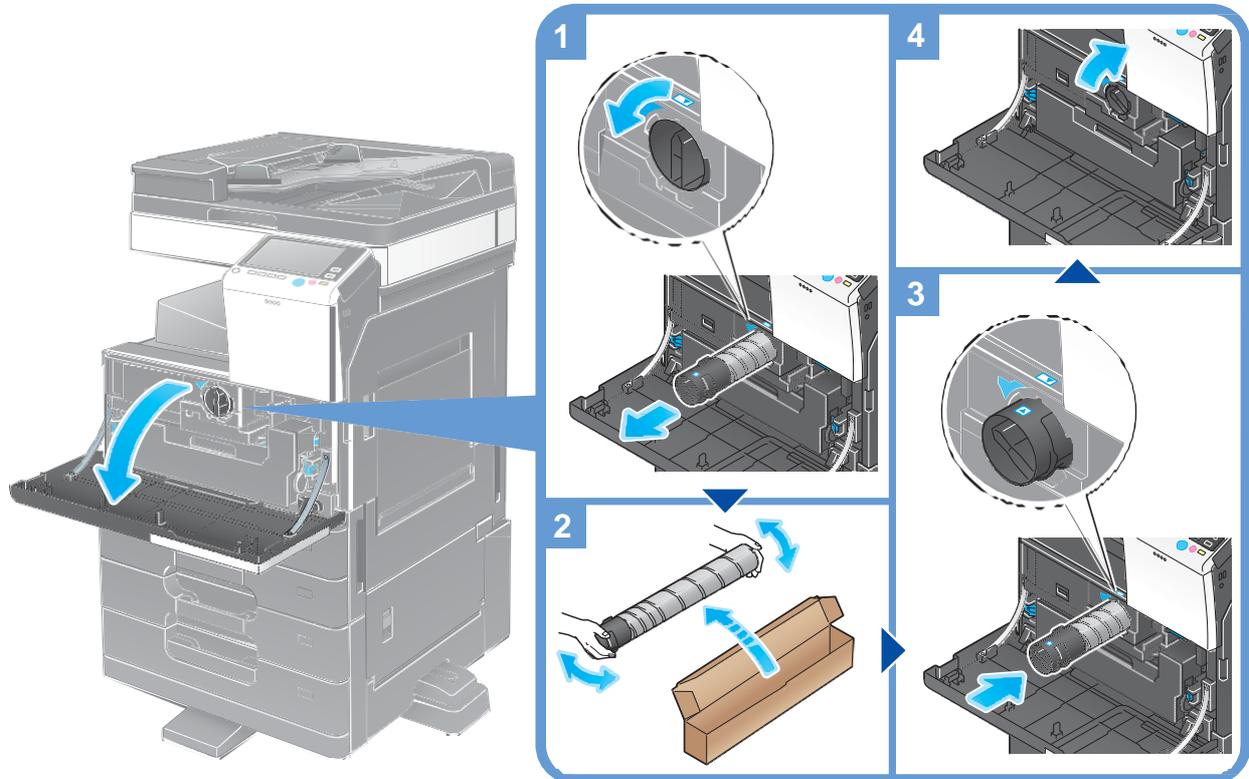
If a warning such as for toner replacement or a paper jam occurs on this machine, it can be sent to a registered E-mail address. How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Managing the Machine Status]".



Replacing Consumables

3 Replacing Consumables

3.1 Replacing a Toner Cartridge



Tips

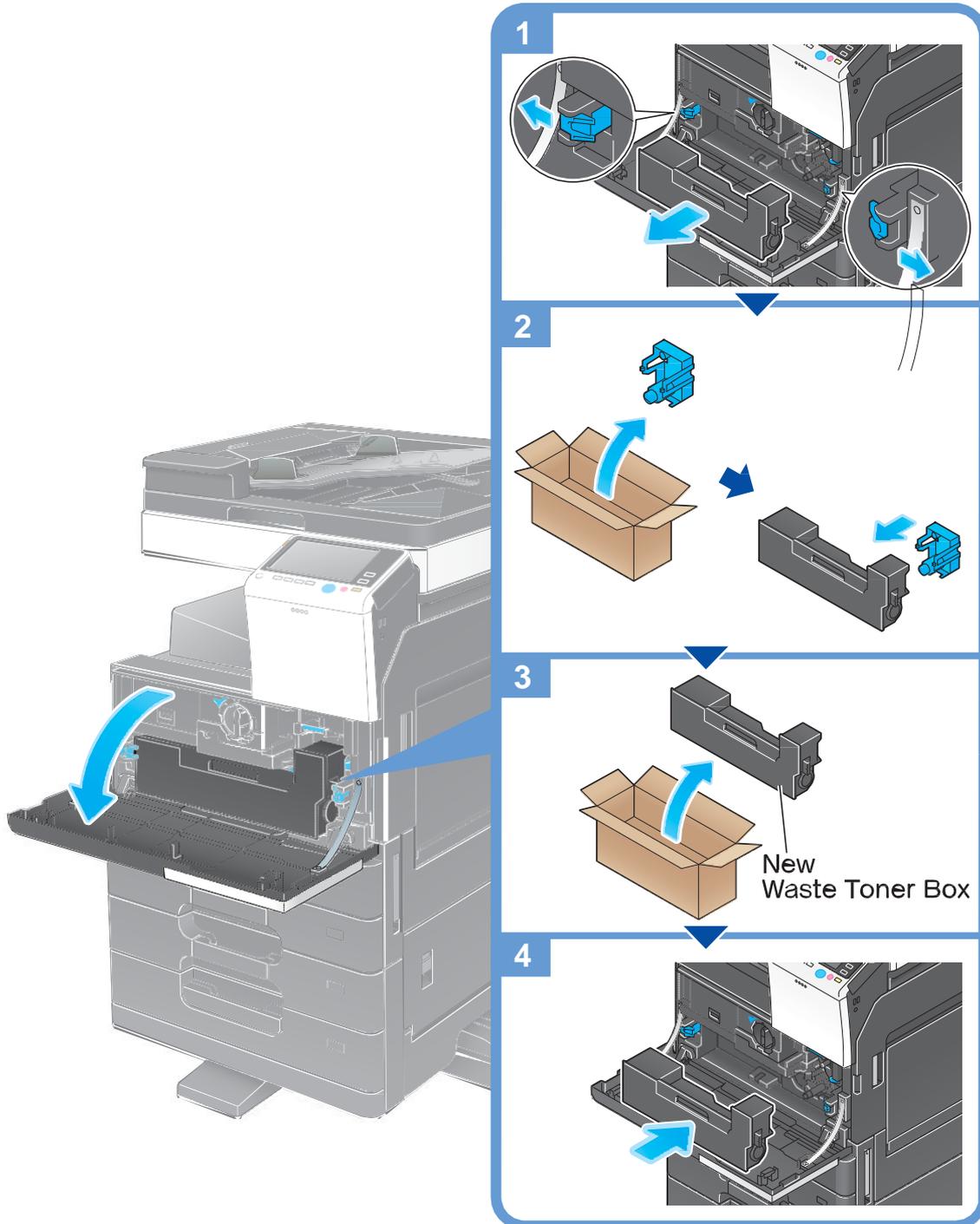
- Shake a new **Toner Cartridge** well, approximately 5 to 10 times, before installing it.
- Do not forcibly open or disassemble a **Toner Cartridge** (toner container).
- Do not forcibly remove or dispose of toner that remains in a **Toner Cartridge** (toner container).

CAUTION

Handling toner and Toner Cartridge

- Do not throw a toner or **Toner Cartridge** into a fire. Doing so may cause hot toner to spray in all directions, which may cause burn injuries.
- Be careful not to get the inside of the machine, your clothes, or hands dirty with toner.
- If any toner does get on your hand, wash it off using water or neutral detergent.
- If any toner gets into your eyes, immediately wash it out with water and consult your doctor.

3.2 Replacing a Waste Toner Box



Tips

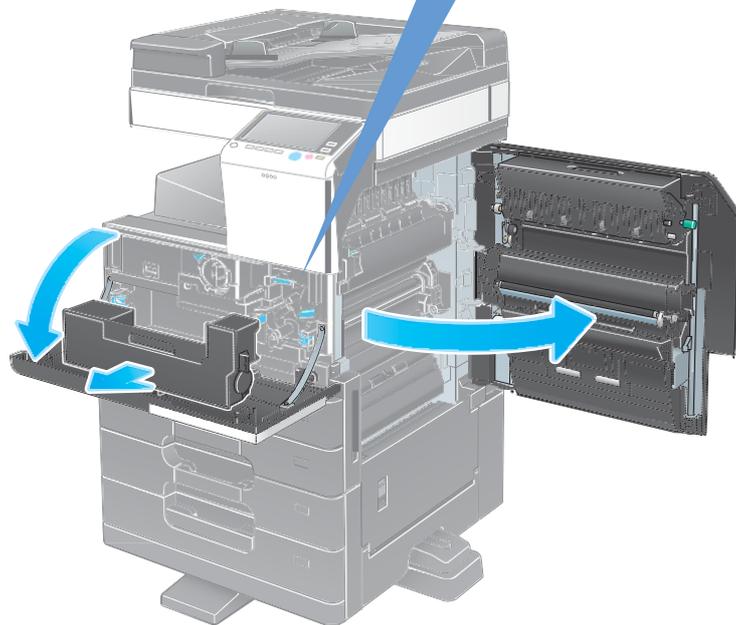
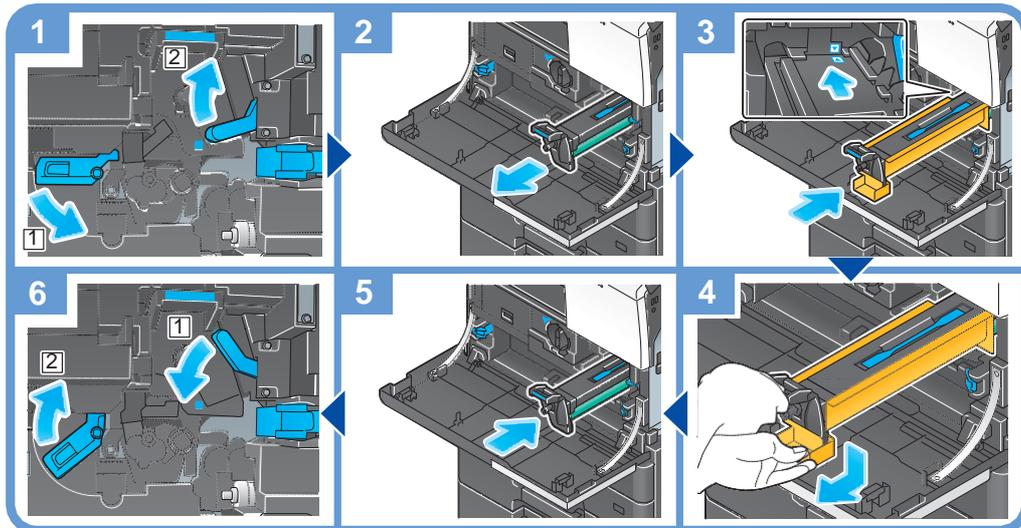
- Your service representative will recover your used **Waste Toner Box**. Place a cap on it and store it in a box.

CAUTION

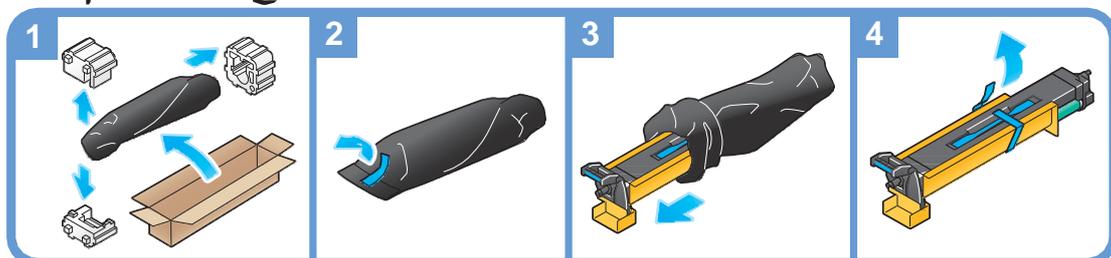
Handling toner and Waste Toner Box

- Do not throw a toner or **Waste Toner Box** into a fire. Doing so may cause hot toner to spray in all directions, which may cause burn injuries.
 - Be careful not to get the inside of the machine, your clothes, or hands dirty with toner.
 - If any toner does get on your hand, wash it off using water or neutral detergent.
 - If any toner gets into your eyes, immediately wash it out with water and consult your doctor.
-

3.3 Replacing a Drum Unit



Unpacking the Drum Unit



Tips

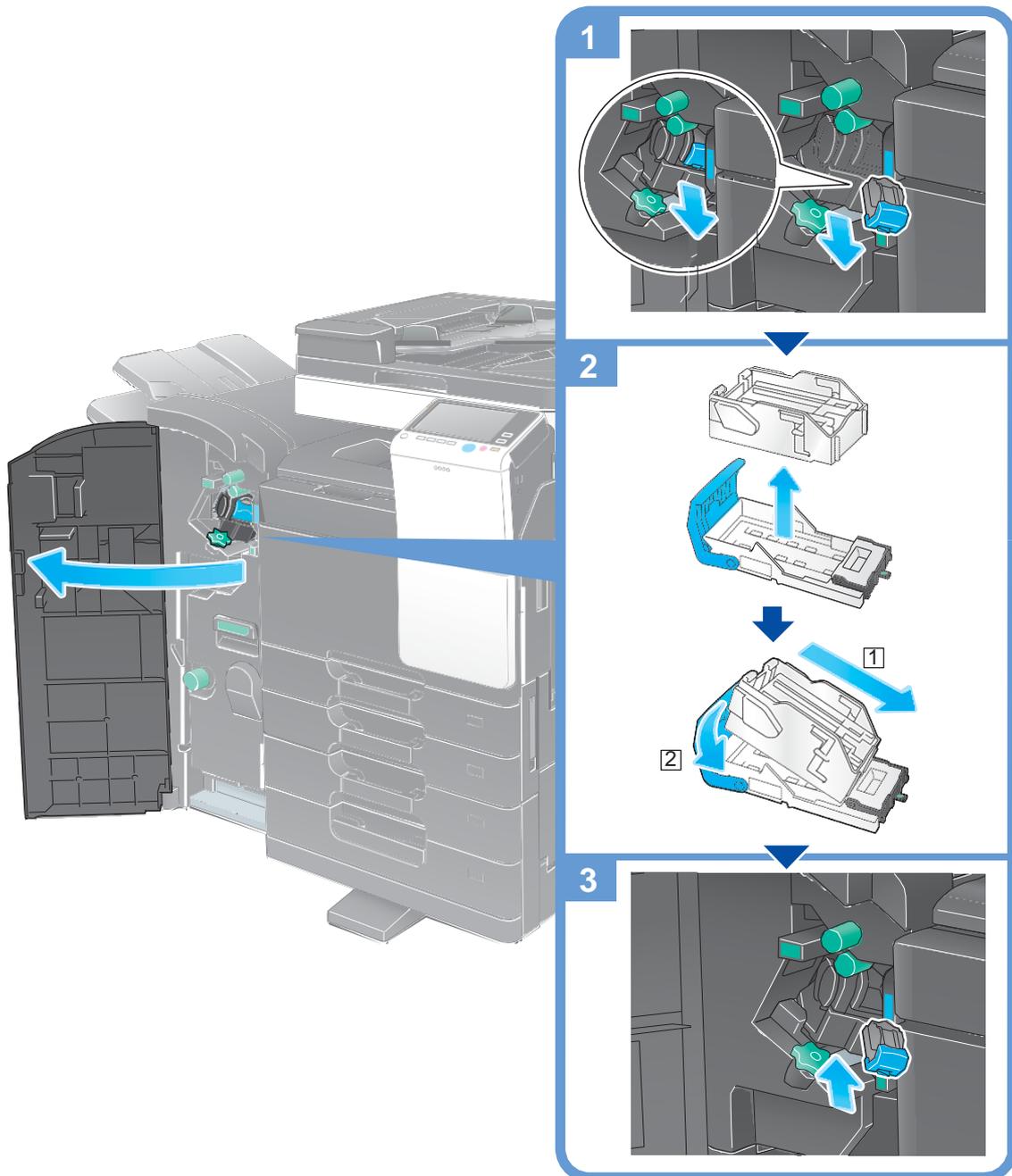
- Your service representative will recover your used **Drum Unit**. Put it in a black plastic bag and store it in a box by itself.
- A **Drum Unit** may be damaged due to exposure to light. Do not take it out of a black plastic bag until just before it is to be installed.
- If a **Drum Unit** was replaced, be sure to adjust the gradation. For details on how to adjust the gradation, refer to "User's Guide[Descriptions of Functions/Utility Keys]/[Utility]"

CAUTION**Handling toner and Drum Unit**

- Do not throw a **Drum Unit** into a fire. Doing so may cause hot toner to spray in all directions, which may cause burn injuries.
 - Be careful not to get the inside of the machine, your clothes, or hands dirty with toner.
 - If any toner does get on your hand, wash it off using water or neutral detergent.
 - If any toner gets into your eyes, immediately wash it out with water and consult your doctor.
 - The area around the fusing unit is hot. To avoid a burn injury, be careful not to touch any parts except for the specified knob and dial.
 - In case your hand or any other part of your body comes in contact with the heated section, immediately run it under cold water and seek medical assistance.
-

3.4 Replacing a Staple Cartridge

3.4.1 Finisher FS-534



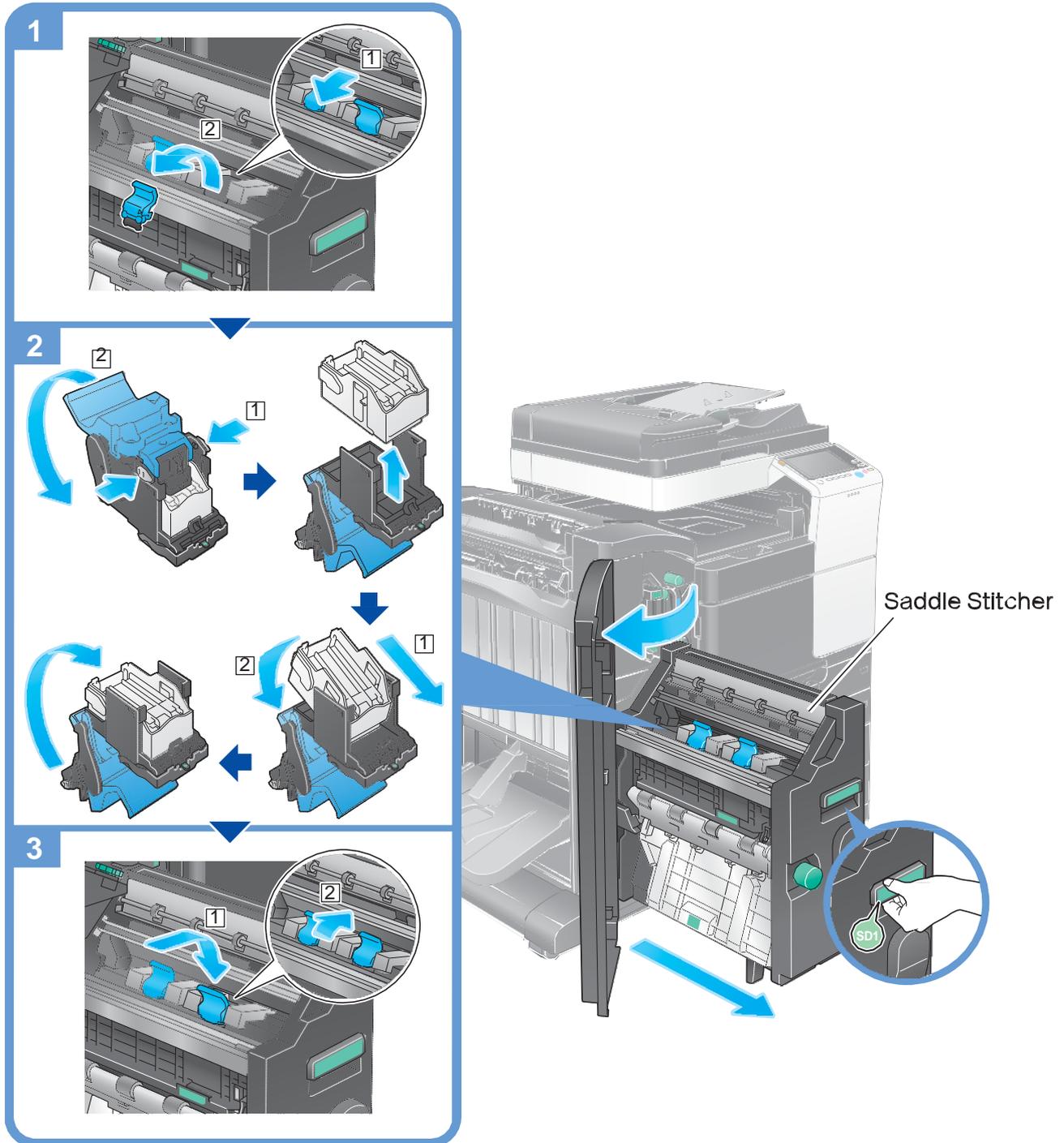
Tips

- The figure shows a **Finisher FS-534** with **Saddle Stitcher SD-511** and **Punch Kit PK-520** installed.
- Do not remove staples that remain in the machine. Otherwise, the stapling function will activate but no sheets will be stapled.

NOTICE

Be sure to replace the **Staple Cartridge** after the relevant message has appeared. If a **Staple Cartridge** is removed before the relevant message appears, it may result in a failure.

3.4.2 Saddle Stitcher SD-511



Tips

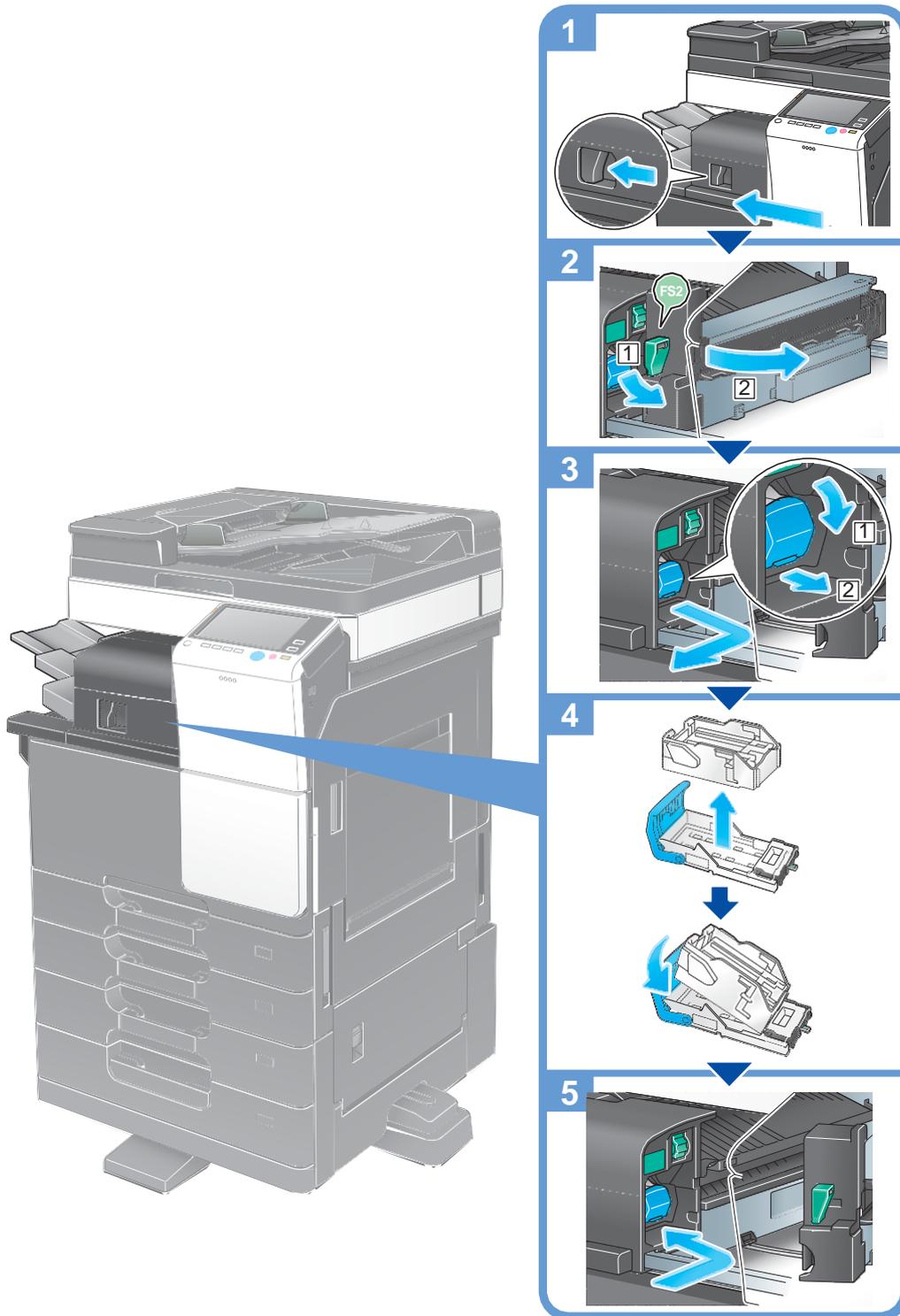
- The figure shows a **Finisher FS-534** with **Saddle Stitcher SD-511** and **Punch Kit PK-520** installed.
- Do not remove staples that remain in the machine. Otherwise, the stapling function will activate but no sheets will be stapled.

NOTICE

When moving the **Saddle Stitcher**, be sure to only hold the handle. Otherwise, your hand or finger may get caught in the machine.

Be sure to replace the **Staple Cartridge** after the relevant message has appeared. If a **Staple Cartridge** is removed before the relevant message appears, it may result in a failure.

3.4.3 Finisher FS-533



Tips

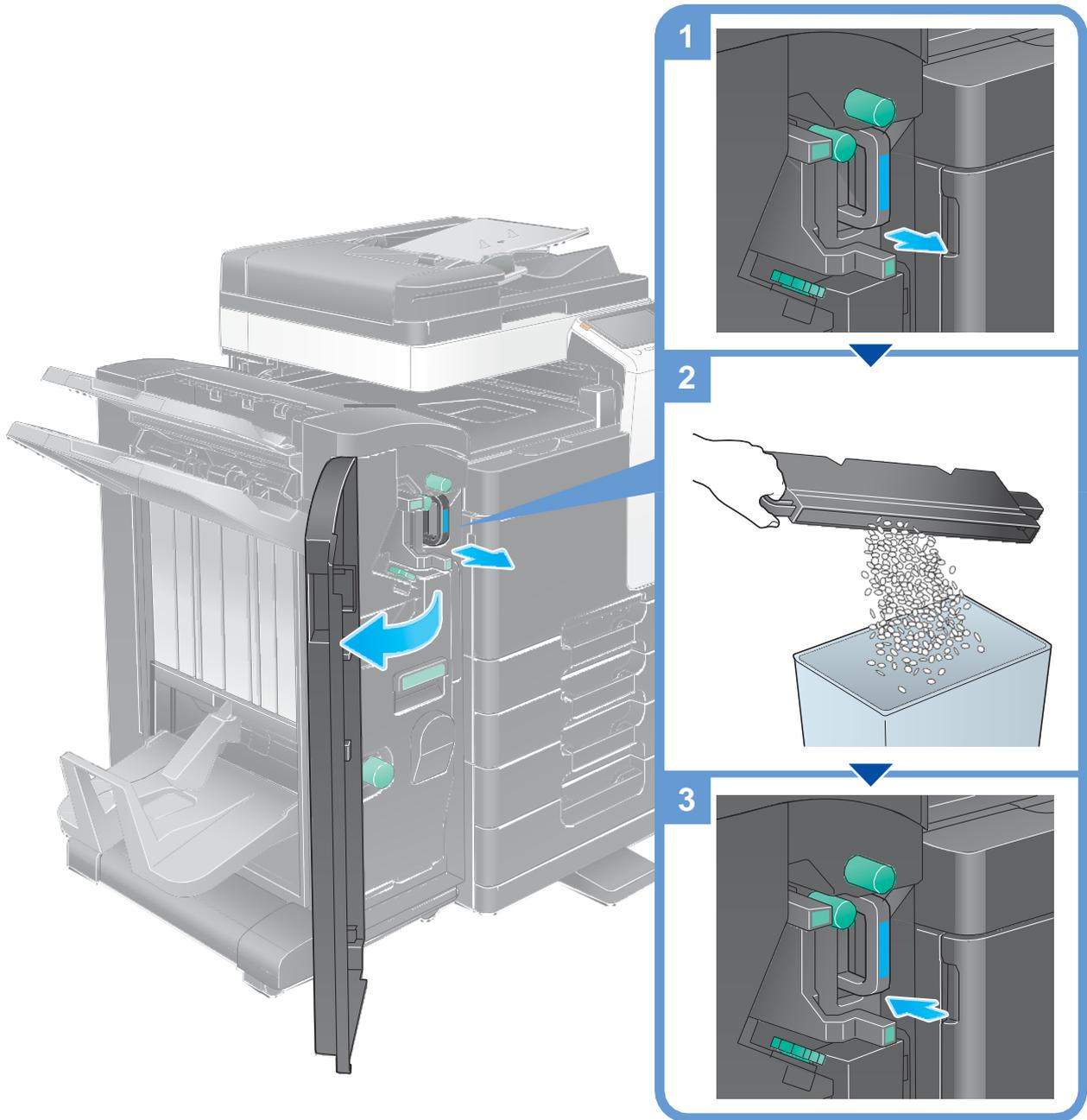
- The figure shows a **Finisher FS-533** with **Punch Kit PK-519** installed.
- Do not remove staples that remain in the machine. Otherwise, the stapling function will activate but no sheets will be stapled.

NOTICE

Be sure to replace the **Staple Cartridge** after the relevant message has appeared. If a **Staple Cartridge** is removed before the relevant message appears, it may result in a failure.

3.5 Punch Scrap Processing

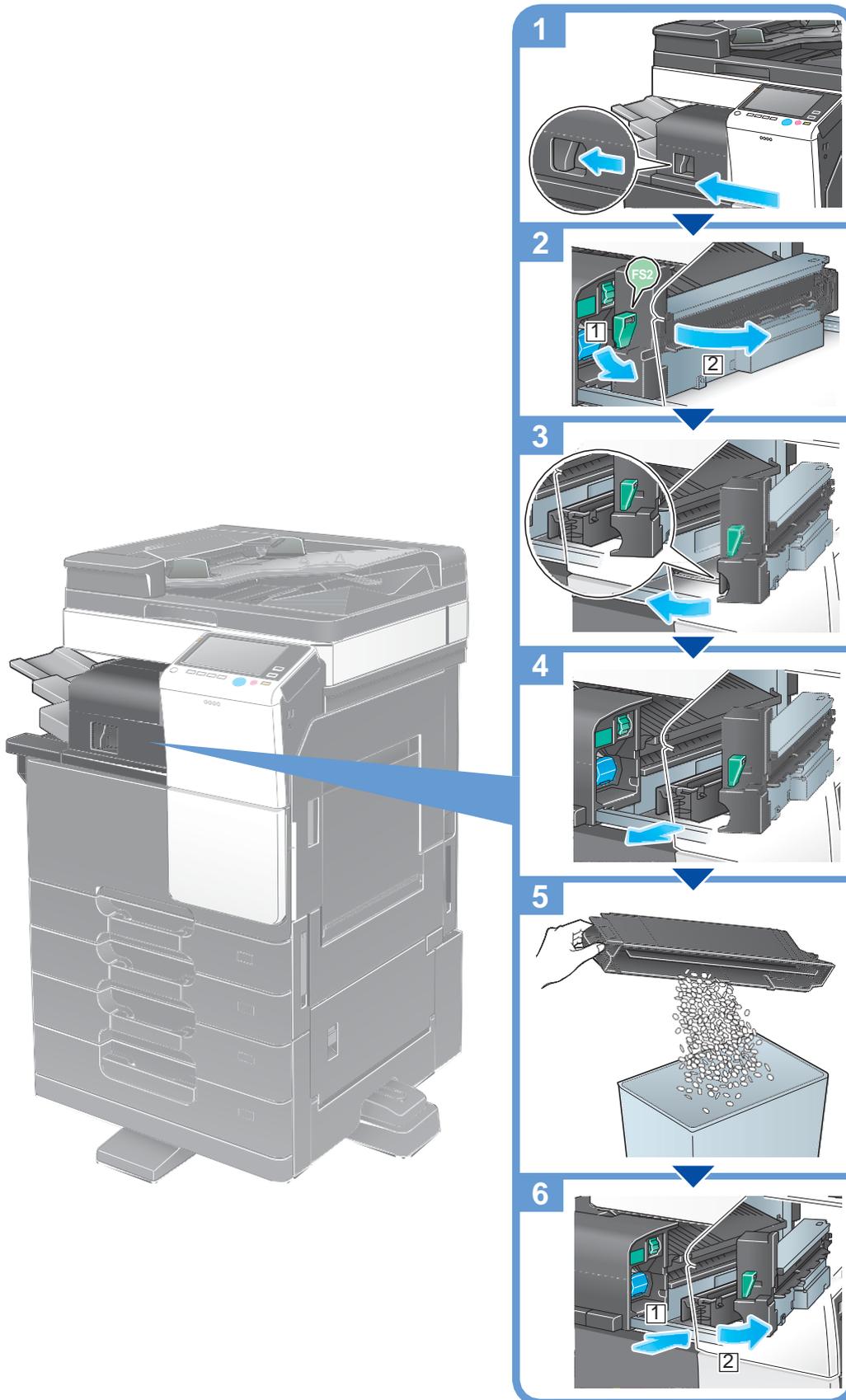
3.5.1 Finisher FS-534



Tips

- The figure shows a **Finisher FS-534** with **Saddle Stitcher SD-511** and **Punch Kit PK-520** installed.

3.5.2 Finisher FS-533

 **Tips**

- The figure shows a **Finisher FS-533** with **Punch Kit PK-519** installed.

4

Checking the Counter and Eco Information

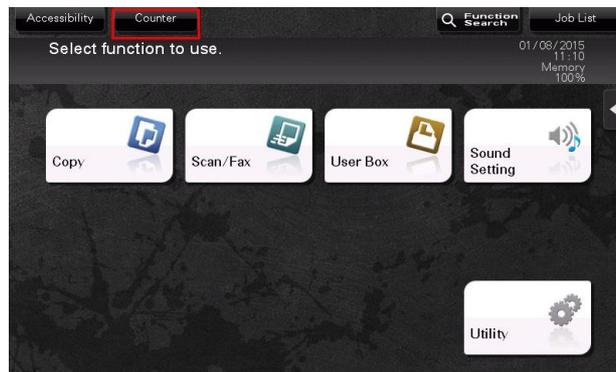
4 Checking the Counter and Eco Information

4.1 Checking the Counter and Eco Information

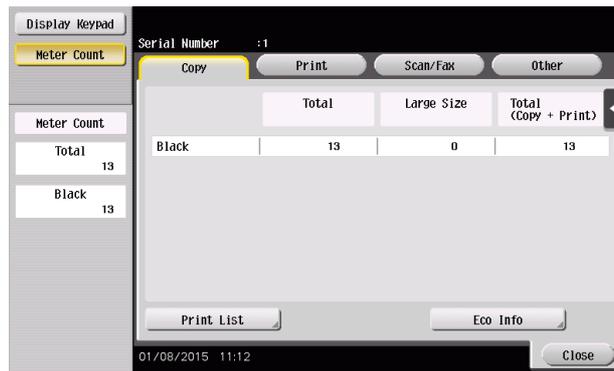
The counter indicates the total number of pages printed on this machine on a function basis. Check counter information on the **Control Panel** of this machine. When necessary, counter information can be printed in list form.

Eco information indicates the result of calculating the ratio of paper saved by utilizing two-sided printing or the page combine function, and the accumulated time during operations or power saved as a result of the user's operation methods. This information will help you gain an understanding of the usage status of this machine.

- 1 Tap [Counter].



- 2 Check the total number of pages printed after the count starting date.
 → To print the counter list, tap [Print List], select paper, and then press the **Start** key.



- Tapping [Eco Info] allows you to check the ratio of paper saved as a result of utilizing two-sided printing or the page combine function, and the accumulated time during operations or power saved as a result of the user's operation methods.



ⓘ Reference

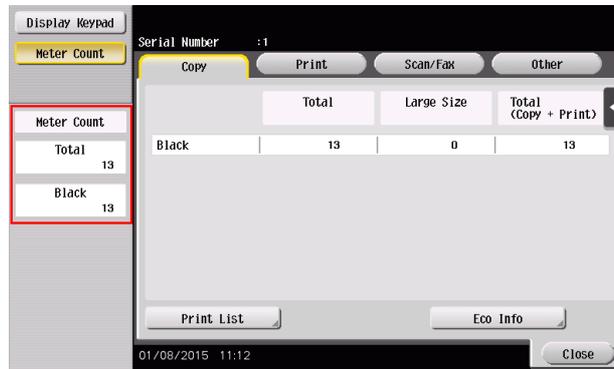
Counter information of this machine can be sent to a specified E-mail address. Arrange a notification schedule, for example, weekly or monthly, around your system environment. How to configure the setting is explained using **Web Connection**. For details, refer to "User's Guide[Web Management Tool]/[Managing the Machine Status]".

A shortcut key for the Eco information display screen can be placed on the main menu. For details, refer to "User's Guide[Control Panel]/[Operations of Touch Panel and Explanation of Major Screens]".

4.2 Details of counter

Meter Count

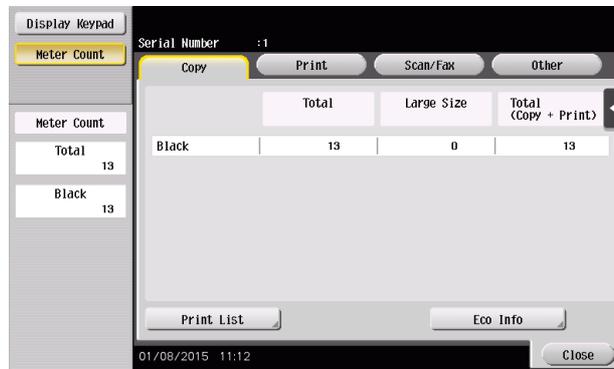
Check the total number of pages printed on this machine.



Item	Description
[Total]	Allows you to check the total number of printed pages.
[Black]	Allows you to check the total number of pages printed in Black mode.

Copy counter

Allows you to check the total number of pages copied. (This value includes the number of pages on which data saved in a User Box in copy mode is printed, and the number of pages list-output in [Administrator Settings].)



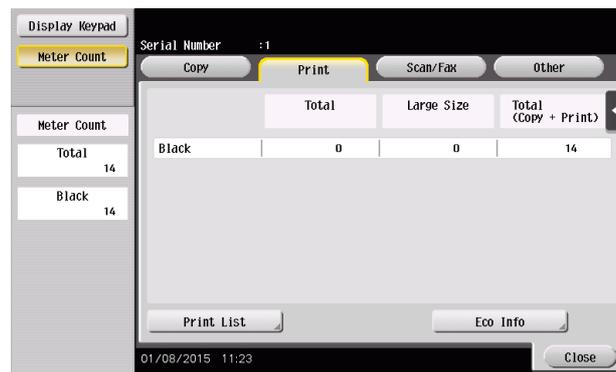
Item	Description
[Black]	[Total]: Indicates the total number of pages copied in Black mode. [Large Size]: Indicates the total number of pages copied on large-size paper in Black mode. [Total (Copy + Print)]: Indicates the total number of pages copied in Black mode and that of pages printed in Black mode through a computer.

Tips

- [Large Size] is not counted in the initial state. For details on settings for counting [Large Size], contact your service representative.

Print counter

Check the total number of pages printed through a computer.



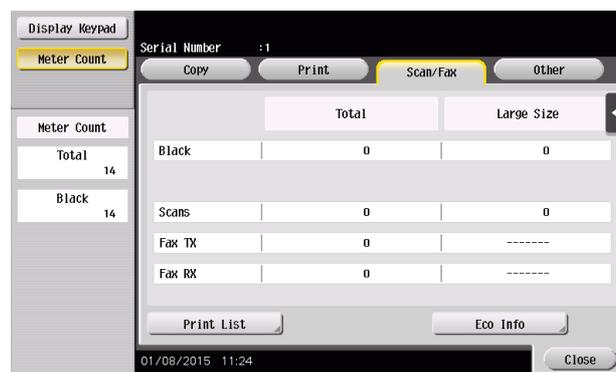
Item	Description
[Black]	[Total]: Indicates the total number of pages printed in Black mode. [Large Size]: Indicates the total number of pages printed on large-size paper in Black mode. [Total (Copy + Print)]: Indicates the total number of pages copied in Black mode and that of pages printed in Black mode through a computer.

Tips

- [Large Size] is not counted in the initial state. For details on settings for counting [Large Size], contact your service representative.

Scan/Fax counter

Check the total number of original pages scanned in the Scan/Fax or User Box mode as well as the total number of pages on which a file in a User Box or a received file is printed. Also check the total number of pages sent and received in the fax mode.



Item	Description
[Black]	[Total]: Indicates the total number of pages on which a file in a User Box or a received file is printed in Black mode. In the Memory RX mode, pages are counted when printed. [Large Size]: Indicates the total number of pages on which a file in a User Box or a received file is printed on large-size paper in Black mode. In the Memory RX mode, pages are counted when printed.
[Scans]	[Total]: Indicates the total number of original pages scanned in the Scan/Fax and User Box modes. [Large Size]: Indicates the total number of large-size original pages that are scanned in the Scan/Fax and User Box modes.
[FaxTX]	[Total]: Indicates the total number of pages in a sent fax (G3).

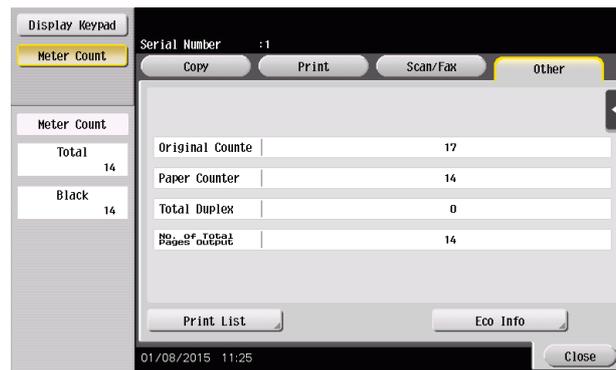
Item	Description
[FaxRX]	[Total]: Indicates the total number of pages in a received fax (G3).

Tips

- [Large Size] is not counted in the initial state. For details on settings for counting [Large Size], contact your service representative.

Other counters

Check the total number of scanned and printed original pages, total number of printed sheets, total number of pages printed on both sides, and the total number of printed pages regardless of functions.



Item	Description
[Original Counter]	Allows you to check the total number of original pages that are scanned and printed in the Copy, Print, and Scan/Fax modes. <ul style="list-style-type: none"> • If a file is saved in a User Box, its pages are not counted unless they are printed. • Report or list output pages are not targeted for counting.
[Paper Counter]	Allows you to check the total number of sheets that are printed in the Copy, Print, and Scan/Fax modes. <ul style="list-style-type: none"> • If a file is saved in a User Box, its pages are not counted unless they are printed. • Report or list output pages are not targeted for counting.
[Total Duplex]	Allows you to check the total number of pages printed on both sides.
[No. of Total Pages Output]	Allows you to check the total number of printed pages.

4.3 Contents of Eco information

[Eco Info 1]

Indicates the rate of 2-sided print jobs for all print jobs or the rate of page combination for the number of scanned original pages. You can check the ratio of paper saved.



[Eco Info 2]

Indicates the accumulated monthly or hourly time during power-on, standby, power saving, or running. The display mode can be selected from the list or graph format.





Cleaning This Machine

5 Cleaning This Machine

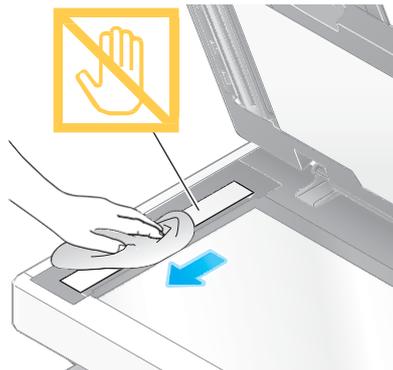
Cleaning the Slit Scan Glass

© Cleaning is required when the **Reverse Automatic Document Feeder DF-628** is installed on this machine.

1 Open the **ADF**.



2 Wipe stains off the **Slit Scan Glass** using a dry and clean cloth.



NOTICE

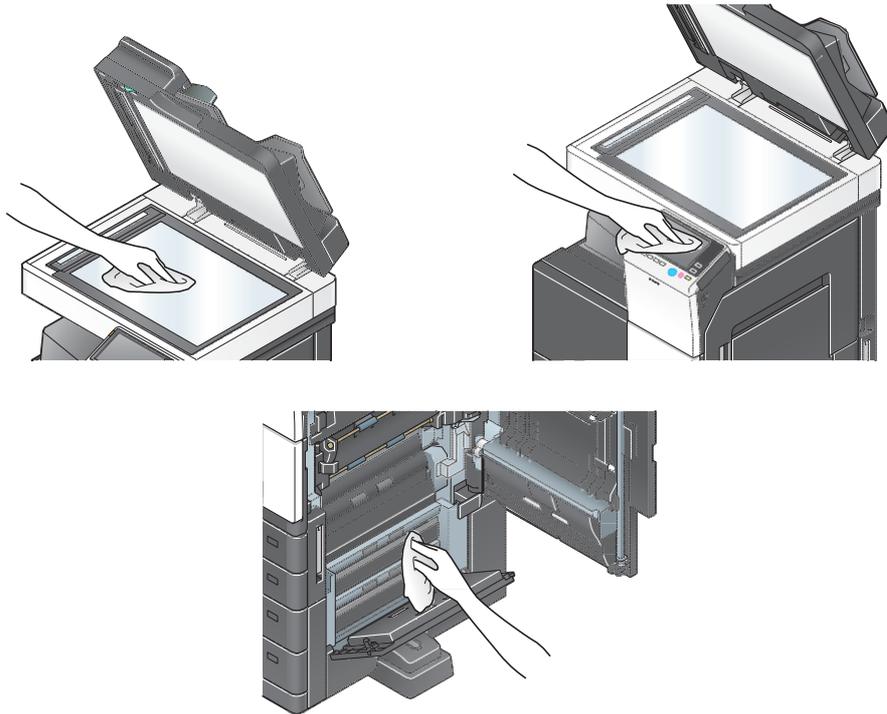
*Do not touch the **Slit Scan Glass**.*

Cleaning the Original Glass, Control Panel, and Roller

Wipe the surface using a soft, dry cloth.

NOTICE

Do not press the **Control Panel** hard, otherwise the keys and **Touch Panel** may be damaged.

**CAUTION**

- The area around the fusing unit is hot. To avoid a burn injury, be careful not to touch any parts except for the specified knob and dial.
- In case your hand or any other part of your body comes in contact with the heated section, immediately run it under cold water and seek medical assistance.

Cleaning the outer covers and Original Pad

Wipe the surface using a soft cloth moistened with a mild household detergent.

NOTICE

Never use solvents, such as benzene or thinner, to clean the **Original Pad**.

