

TOSHIBA

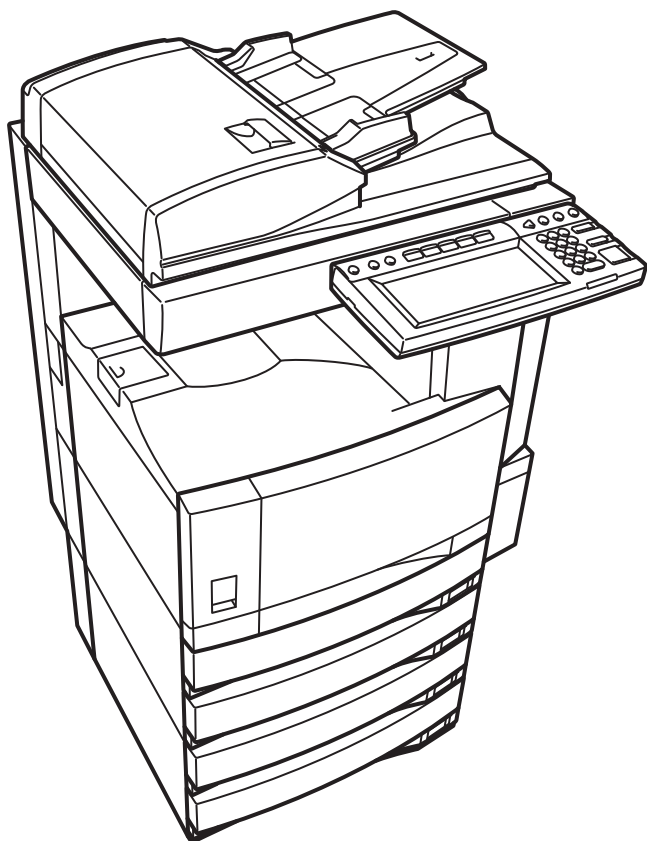
Leading Innovation >>>

MULTIFUNCTIONAL DIGITAL SYSTEMS

Operator's Manual for Basic Function

e-STUDIO352/452

e-STUDIO353/453



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Notice to Users

USE OF RECYCLED PAPER IN THE COPIER

As with all copiers and reproduction devices, the use of the appropriate paper ensures the best image quality of the copies and the machine's performance and reliability.

Because of the extreme variances in composition and quality of paper from various manufacturers, consumers should ensure the recycled paper they use is suitable for the copier. In accordance with the EPA ENERGY STAR Program guidelines, Toshiba recommends the following recycled paper for use in the copier-

Great White MultiUse 20 paper

If you have any questions regarding the use of recycled paper in your copier, contact your authorized service technician.

FCC NOTICE

This equipment has been tested and found to comply with limits for a Class A digital device, pursuant to Part 15 and Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING

Changes or modification made to this equipment, not expressly approved by Toshiba TEC or parties authorized by Toshiba TEC, could void the user's authority to operate the equipment.

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

User Safety

This Toshiba Multifunctional Digital Systems does not produce laser radiation hazardous to the user. It is certified as a Class 1 laser product under the U.S Department of Health and Human Services (DHHS) Radiation Performance Standard according to the Radiation Control Health and Safety Act of 1968.

Protective housing and external covers completely confine the laser beam light emitted inside the Multifunctional Digital Systems. The laser beam cannot escape from the machine during any phase of user operation.

Regulations implemented on August 2, 1976 by the Bureau of Radiological Health (BRH) of the U.S Food and Drug Administration apply to laser products manufactured from August 1, 1976. Laser products marketed in the United States must comply with these regulations.

Caution

Using controls or adjustments or performing procedures, other than those specified herein may result in hazardous radiation exposure.

The unit is classified as Class 1 Laser Product according to IEC 60825-1:1993/EN 60825-1:1994 including amendments.

The unit uses laser diode of output 5 mW, wave length 785 nm, continuous pulse.

Regulatory Information

Toshiba is dedicated to preserving the environment by sponsoring Call2Recycle, a program of the Rechargeable Battery Recycling Corporation. For more information and for drop-off locations, visit www.rbrc.org or call 1-800-822-8837.

Notice regarding CR coin cell batteries, applicable to California, U.S.A. only: Perchlorate Material - special handling may apply.

See <http://www.dtsc.ca.gov/hazardouswaste/perchlorate/>

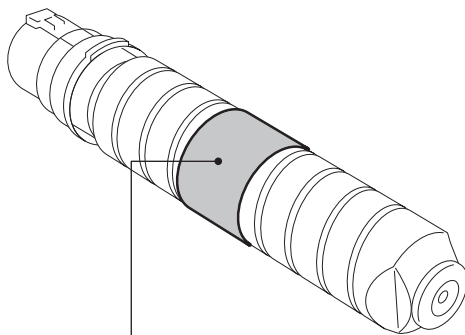
Hg

- The high efficiency LCD backlights used in this product contains 5mg or less of Mercury, the disposal of which may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).

Toshiba Quality is Second to None

It is recommended that genuine Toshiba supplies and parts be used to obtain optimum results.

For e-STUDIO352/452



TOSHIBA

T-3520

NET 675 g

FOR e-STUDIO350/450/352/452

COMPONENTS: Styrene acrylate copolymer, Carbon black(1333-86-4), Organic pigment

ORIGINAL & GENUINE TOSHIBA TONER

- HANDLE WITH CARE.
- STORE IN A DRY PLACE BELOW 35°C(95° F).
- READ THE OPERATING INSTRUCTIONS OF THE MACHINE BEFORE USING.
- MANIPULER AVEC PRECAUTION.
- GARDER DANS UN ENDROIT SANS HUMIDITE OU LA TEMPERATURE AMBIANTE EST MOINS DE 35°C.
- LUSER LE MANUEL D'EMPLOI DE L'APPAREIL AVANT D'EN FAIRE USAGE.



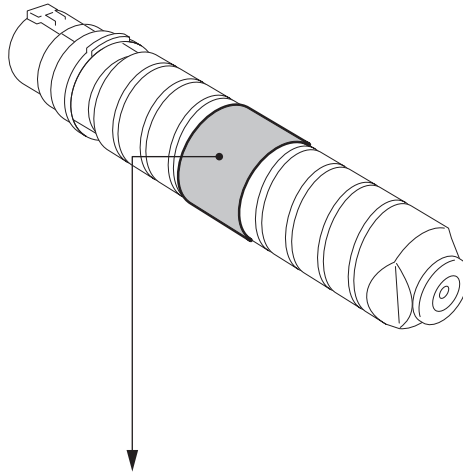
- SHAKE WELL BEFORE USING.
- TAP THE BOTTLE REPEATEDLY.
- AGITER AVANT EMPLOI.
- TAPER DE FAÇON RÉPÉTÉE SUR LA BOUTEILLE.

TOSHIBA AMERICA BUSINESS SOLUTIONS, INC.
2 Musick, California 92618-1631
(949)462-6000

MADE IN U.S.A. / FABRIQUE AUX ETATS-UNIS

PAT. P.

For e-STUDIO353/453



TOSHIBA

T-4520

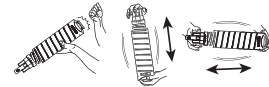
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- MANIPULER AVEC PRECAUTION.
- GARDER DANS UN ENDROIT SANS HUMIDITE OU LA TEMPERATURE AMBIANTE EST MOINS DE 35°C.
- LISER LE MANUEL D'EMPLOI DE L'APPAREIL AVANT D'EN FAIRE USAGE.



- SHAKE WELL BEFORE USING.
- TAP THE BOTTLE REPEATEDLY.
- AGITER AVANT EMPLOI.
- TAPER DE FAÇON RÉPÉTÉE SUR LA BOUTEILLE.

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Supplies / Parts

- **Dependability**
Genuine Toshiba supplies are subjected to the strictest of inspections so that every supply you receive will perform at optimal levels.
- **High Productivity**
Genuine Toshiba supplies are created to meet the demands of our competitive world and provide high-speed reliable copies when you need them.
- **Stable Image Quality**
Genuine Toshiba supplies are designed to provide consistently stable image output.
- **Copier Friendly Supplies**
Genuine Toshiba supplies are designed to help to keep the copier and all its parts in trouble-free working order.
Reduction of machine wear is due to Toshiba's intimate knowledge of the copier's characteristics ensuring the highest standard of care.
- **Perfectly Suited Supplies**
From the beginning Toshiba supplies and machines were made for each other. Whenever Toshiba designs a new machine, it also designs a new toner that is made just for that machine. By using genuine Toshiba supplies with Toshiba copiers, you are guaranteed optimum performance.

Toner

- **Optimum Image Quality**
Toshiba toner is manufactured using ultra-fine quality materials under precisely controlled conditions to ensure that your Toshiba copiers will continually generate sharp high-quality images.
- **Cost Advantage**
Genuine Toshiba toner provides value. Only the proper amount of toner is used during the reproduction process, thereby enabling the machine to continue to operate until all the toner has been used. In this way you get the full value from each cartridge used.
- **Environmental Harmony**
Genuine Toshiba toner is manufactured with the environment in mind. We use embossed or plastic labels for our toner cartridges making them fully recyclable. In addition, dust and ozone levels have been reduced to improve the working environment.
- **User Friendly**
Before approving our toners for sale, we test them to be sure that they pass the strictest of health standards. This takes all the worry out of handling the toner.

General

- **Service and Support Benefits**
Toshiba's Service technicians are certified to keep your copier performing at optimum levels. To ensure continuous image quality, utilize an authorized Toshiba Service provider to care for and perform periodical maintenance on your copier.

Preface

Thank you for purchasing the Toshiba Multifunctional Digital Systems e-STUDIO352/452 or e-STUDIO353/453.

This Operator's Manual describes the following:

- How to use the Multifunctional Digital Systems.
- How to inspect and carry out maintenance on the Multifunctional Digital Systems.
- How to remedy mechanical and copying problems.

Before using the Multifunctional Digital Systems, thoroughly read and understand this Operator's Manual. To ensure that clean copies are made at all times and to keep your Multifunctional Digital Systems in optimum working order, this Operator's Manual should be readily available for future reference.

To ensure correct and safe use of the Toshiba Multifunctional Digital Systems e-STUDIO352/452 or e-STUDIO353/453, this Operator's Manual describes safety precautions according to the following three levels of warning:

Before reading this Operator's Manual, you should fully understand the meaning and importance of these signal words.

- **Warning**
Indicates a potentially hazardous situation which, if not avoided, could result in death, serious injury, or serious damage, or fire in the equipment or surrounding assets.
- **Caution**
Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, partial damage of the equipment or surrounding assets, or loss of data.
- **Note**
Indicates information to which you should pay attention when operating the equipment.
- **Tip**
Describes handy information that is useful to know when operating the Multifunctional Digital Systems.

Company or product name shown in this manual may be a brand name or a trademark of each company.

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Features

The e-STUDIO352/452 or e-STUDIO353/453 is a Multifunctional Digital Systems that is capable of using each function via networks. The e-STUDIO352/452 or e-STUDIO353/453 also has various optional paper handling devices to meet the needs of your office.

The e-STUDIO352/452 or e-STUDIO353/453 offers the following convenient features, functions and options.

- The copying speed is 35 copies (LT) per minute for e-STUDIO352/353, 45 copies (LT) per minute for the e-STUDIO452/453.
- Warm-up time has been drastically shortened to approximately 20 seconds^{*1}.
- An all-in-one controller is installed to perform the effective network functions.
(To use the print, scan and Internet Fax functions, optional printer kit, scanner kit, printer/scanner kit, etc. are required.)
- The input/output interface is designed for internet connection (access) environment.
- A 1/2 VGA wide panel improves operability and efficiency.
- A universal design is adopted for the control panel whose angle can be changed.
- The e-Filing function allows you to scan, save, reuse, and re-edit the original data via client PCs from the scanning section.
- Received Fax documents can be stored in the e-Filing without printing them.
(Optional FAX board is required.)
- Scanned originals can be sent via Fax and E-mail simultaneously.
(To send them via Fax, optional FAX board is required. To send them via E-mail, optional printer/scanner kit or scanner kit is required.)
- Electronic sorting improves copying productivity.
- Comes with rich editing functions such as trimming, masking and mirror.
- Loading the page memory and hard disk as standard equipment enables 2 in 1/4 in 1, Electronic sorting and magazine sorting, etc.
- A fixing system that uses less oil reduces the amount of oil affixed to the paper.
- By simply replacing the cartridge, you can add toner without dirtying your hands.
- A wide variety of media from thick paper (up to 110 lb. Index), sticker labels, OHP films, etc. is acceptable.
- Installing an optional finisher offers quick automatic sorting, stapling and hole punching (optional) of copies.
- Installing a finisher with an optional saddle stitching function attached allows you to select the saddle stitching mode which will automatically staple the center of the documents just like a book.
- Installing a finisher with the optional manual staple function allows you only to staple the documents without copying or printing them.
- When configured as a copier only, the auto shutoff feature will turn off the power switch on the machine. When the optional printer/scanner kit, both printer kit and scanner kit, or Fax board is installed, the machine will enter a Sleep mode and will re-activate when a job is received.

*1 This is the value when the room temperature is 20 °C (68 °F) or more at rated power input with no options installed.

General Precautions

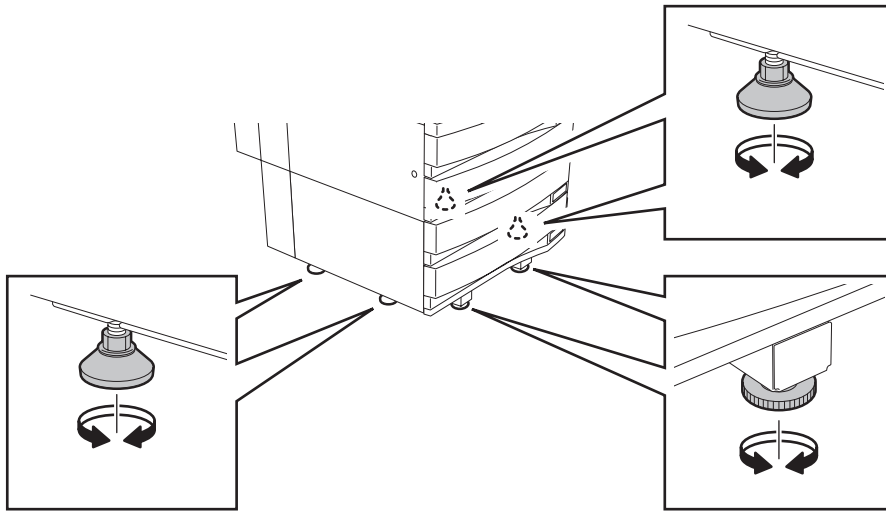
When installing or moving


Warning

- This Multifunctional Digital Systems requires 115 V, 12 A, 50/60 Hz electric power. Do not use a power supply with a voltage other than that specified. Avoid multiple connections in the same outlet. This could cause a fire or give you an electric shock. If you are considering increasing the number of outlets, contact an electrician.
- Always connect this Multifunctional Digital Systems to an outlet with a ground connection to avoid the danger of fire or electric shock in case of short-circuiting. Contact your service representative for the details. Be sure to use a 3-conductor, grounded wall outlet. In areas, except U.S. and Canada, where a 2-pin plug is used, the Multifunctional Digital Systems must be grounded for safety. Never ground it to a gas pipe, a water pipe, or any other object not suitable for grounding.
- Plug the power cord securely into the outlet. If it is not plugged in properly, it could heat up and cause a fire or give you an electric shock.
- Do not damage, break or attempt to repair the power cord. The following things should not be done to the power cord.
 - Twisting it
 - Bending it
 - Pulling it
 - Placing anything on it
 - Making it hot
 - Situating it near radiators or other heat sourcesThis could cause a fire or give you an electric shock. If the power cord is damaged, contact your service representative.
- When removing the plug from the outlet, do not pull the power cord. Always hold the plug when removing it from the outlet. If the power cord is pulled, the wires may become broken and this could cause a fire or give you an electric shock.
- Make sure that the ventilation holes are not blocked up. If the temperature within the Multifunctional Digital Systems becomes too high, a fire could result.
- The socket outlet shall be near the equipment and be easily accessible.
- Pull out the plug from the outlet more than once a year to clean around the prongs. Accumulating dust and dirt could cause a fire due to the heat released by electric leakage.

Caution

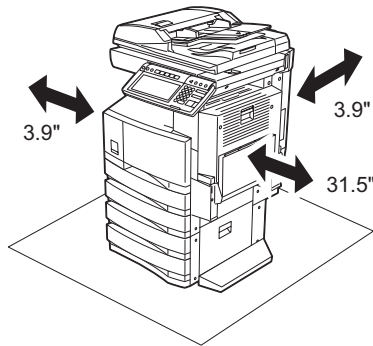
- Avoid placing the Multifunctional Digital Systems in a place unsuitable for its weight and also make sure the surface is level.
Remember that if the Multifunctional Digital Systems falls over, serious injuries could result.
Weight of the Multifunctional Digital Systems: approx. 183 lb.
- There are 4 adjusters (stoppers) on both sides (2 adjusters each) and 2 safety stoppers in front at the bottom of the Paper Feed Pedestal and the large capacity feeder. After moving/installing the equipment, be sure to turn and lower the adjusters, and then fix them firmly on the floor. After regulating the adjuster, fix the safety stopper as well.
Before moving the equipment, turn and raise the safety stoppers and adjusters.



- When connecting the optional equipment and interface cable to the Multifunctional Digital Systems, be sure to turn the power OFF. If the power is not turned off, you could get an electric shock.
To turn the power OFF, see  P.42 "Turning power off (Shutdown)".
- Do not install the equipment by yourself or try to move it once it has been installed. This could result in an injury or damage to the device. Contact your service representative if the equipment needs to be installed or moved.

Other points

- Make sure that there is enough space around the system to facilitate changing of parts, maintenance and clearing paper jam.
If there is insufficient space, some operations, such as bypass feeding, will become difficult and the Multifunctional Digital Systems could even break down.
To insure optimal operation, allow clearances of at least 31.5" on the right, and 3.9" on the left and behind.



- Be sure to fix the power cable securely so that no one trips over it.
- Adverse environmental conditions may affect the safe operation and performance of the Multifunctional Digital Systems, and the Multifunctional Digital Systems could break down.
 - Avoid locations near windows or with exposure to direct sunlight.
 - Avoid locations with drastic temperature fluctuations.
 - Avoid too much dust.
 - Avoid location that suffer from vibration.
- Make sure that the air is able to flow freely and that there is sufficient ventilation.
With inadequate ventilation, the unpleasant odor released by ozone will begin to dominate the atmosphere.

When using the Multifunctional Digital Systems



Warning

- Do not place metallic objects or containers with water (flower vases, coffee cups, etc.) on or near the Multifunctional Digital Systems. Keep paper clips and staples away from the air vent. If not, a fire could result or you could get an electric shock.
- If the Multifunctional Digital Systems becomes excessively hot, smoke comes out of it or there is an odd smell or noise, proceed as follows.
Turn the main switch OFF and remove the plug from the outlet, then contact your service representative.
- If the Multifunctional Digital Systems will not be used for more than one month, remove the plug from the outlet for safety purposes during that time.
If an insulation failure occurs, this could cause a fire or give you an electric shock.

Caution

- Do not place heavy objects (9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could cause personal injury.
- Do not place heavy objects (9 lb. or more) on the Multifunctional Digital Systems. If the objects fall off, this could cause injury.
- Do not remove or connect the plug with wet hands, as this could give you an electric shock.
- Do not touch the fuser unit or the metal area around it. Since they are very hot, you could be burned or the shock could cause you to get your hand injured in the machine.
- When changing the angle of the control panel, be careful not to catch your hands in the gap between the equipment and the control panel. This could cause personal injury.
- Be careful not to let your fingers be caught when closing the drawer. This could injure you.
- Be careful not to let your fingers be caught between the equipment and the finisher (optional). This could injure you.
- Be careful not to let your fingers be caught between the equipment and the automatic duplexer. This could injure you.
- Do not place 6.6 lb. or more of objects on an optional work table. Breaking the work table could cause personal injury.
- Do not touch the metal portion of the guide plate in the automatic duplexer as it could burn you.
- Do not touch the hinge (= a connecting part) on the rear side of the Reversing Automatic Document Feeder (optional). This could catch and injure your fingers when you open or close the Reversing Automatic Document Feeder (optional).
- Always keep hands and fingers clear of FINISHER TRAY HINGE, as the tray could move unexpectedly. Failure to do so could result in injury to your hand and/or fingers.

Other points



- Be very careful to treat the touch panel gently and never hit it. Breaking the surface could cause malfunctions.
- Do not turn the power OFF with jammed paper left inside the Multifunctional Digital Systems. This could cause malfunctions when the main switch is turned ON next time. To turn the power OFF, see  P.42 “Turning power off (Shutdown)”.
- Be sure to turn the power OFF when leaving the office or if there is a power outage. However, Do not turn the power OFF if the weekly timer is in use. To turn the power OFF, see  P.42 “Turning power off (Shutdown)”.
- Be careful because the paper exit area and paper just after exiting are hot.
- Do not open/close the covers and the bypass tray, or pull out the drawers during printing.

During maintenance or inspection

Warning

- Never attempt to repair, disassemble or modify the Multifunctional Digital Systems by yourself. You could cause a fire or get an electric shock.
Always contact your Service representative for maintenance or repair of the internal parts of the Multifunctional Digital Systems.
- Always keep the plug and outlet clean. Prevent them from accumulating dust and dirt. This could cause a fire and give you an electric shock due to the heat released by electric leakage.
- Do not let liquids such as water and oil get into the system when cleaning the floor. This could cause a fire and give you an electric shock.

Caution

- Do not touch the stapling area. The actual needle point could cause you personal injury.
Saddle Stitch Finisher (optional)  P.319
Finisher (optional)  P.312

Other points

- Do not use such solvents as thinner or alcohol when cleaning the surface of the Multifunctional Digital Systems.
 - This could warp the shape of the surface or leave it discolored.
 - When using a chemical cleaning pad to clean it, pay attention to any cautionary points.

When handling supplies

Caution

- Never attempt to incinerate toner cartridges and toner bags. Dispose of used toner cartridges in accordance with local regulations. (📖 P.274 “3.Replace Toner Cartridge Symbol”, 📖 P.279 “4.Replace Toner Bag Symbol”)

Disclaimer Notice

The following notice sets out the exclusions and limitations of liability of TOSHIBA TEC CORPORATION (including its employees, agents and sub-contractors) to any purchaser or user ('User') of the e-STUDIO352/452 or e-STUDIO353/453, including its accessories, options and bundled software ('Product').

1. The exclusion and limitations of liability referred to in this notice shall be effective to the fullest extent permissible at law. For the avoidance of doubt, nothing in this notice shall be taken to exclude or limit TOSHIBA TEC CORPORATION's liability for death or personal injury caused by TOSHIBA TEC CORPORATION's negligence or TOSHIBA TEC CORPORATION's fraudulent misrepresentation.
2. All warranties, conditions and other terms implied by law are, to the fullest extent permitted by law, excluded and no such implied warranties are given or apply in relation to the Products.
3. TOSHIBA TEC CORPORATION shall not be liable for any loss, cost, expense, claim or damage whatsoever caused by any of the following:
 - (a) use or handling of the Product otherwise than in accordance with the manuals, including but not limited to Operator's Manual, User's Guide, and/or incorrect or careless handling or use of the Product;
 - (b) any cause which prevents the Product from operating or functioning correctly which arises from or is attributable to either acts, omissions, events or accidents beyond the reasonable control of TOSHIBA TEC CORPORATION including without limitation acts of God, war, riot, civil commotion, malicious or deliberate damage, fire, flood, or storm, natural calamity, earthquakes, abnormal voltage or other disasters;
 - (c) additions, modifications, disassembly, transportation, or repairs by any person other than service technicians authorized by TOSHIBA TEC CORPORATION; or
 - (d) use of paper, supplies or parts other than those recommended by TOSHIBA TEC CORPORATION.
4. Subject to paragraph 1, TOSHIBA TEC CORPORATION shall not be liable to Customer for:
 - (a) loss of profits; loss of sales or turnover; loss of or damage to reputation; loss of production; loss of anticipated savings; loss of goodwill or business opportunities; loss of customers; loss of, or loss of use of, any software or data; loss under or in relation to any contract; or
 - (b) any special, incidental, consequential or indirect loss or damage, costs, expenses, financial loss or claims for consequential compensation;

whatsoever and howsoever caused which arise out of or in connection with the Product or the use or handling of the Product even if TOSHIBA TEC CORPORATION is advised of the possibility of such damages.

TOSHIBA TEC CORPORATION shall not be liable for any loss, cost, expense, claim or damage caused by any inability to use (including, but not limited to failure, malfunction, hang-up, virus infection or other problems) which arises from use of the Product with hardware, goods or software which TOSHIBA TEC CORPORATION has not directly or indirectly supplied

Environmental Information

ENERGY STAR® Program

Toshiba Tec Corporation, as a member of the ENERGY STAR Program, attaches the ENERGY STAR logo to all products which meet the ENERGY STAR Program requirements.



The ENERGY STAR Program aims at the promotion of the development and wider usage of office equipment including energy-efficient computers in order to address environmental issues such as global warming. Manufacturers that participate in this program can attach the ENERGY STAR logo to products after confirming that they meet the energy saving standards of this program. Also, these standards and logo are commonly used within the U.S. Environmental Protection Agency (EPA) and participating countries. Specified products, sales countries or regions may not be included.

To distinguish whether or not the product meets the ENERGY STAR Program requirements, check if the corresponding logo is on the product.

If you have any questions, contact your service representative.

1. BEFORE USING EQUIPMENT

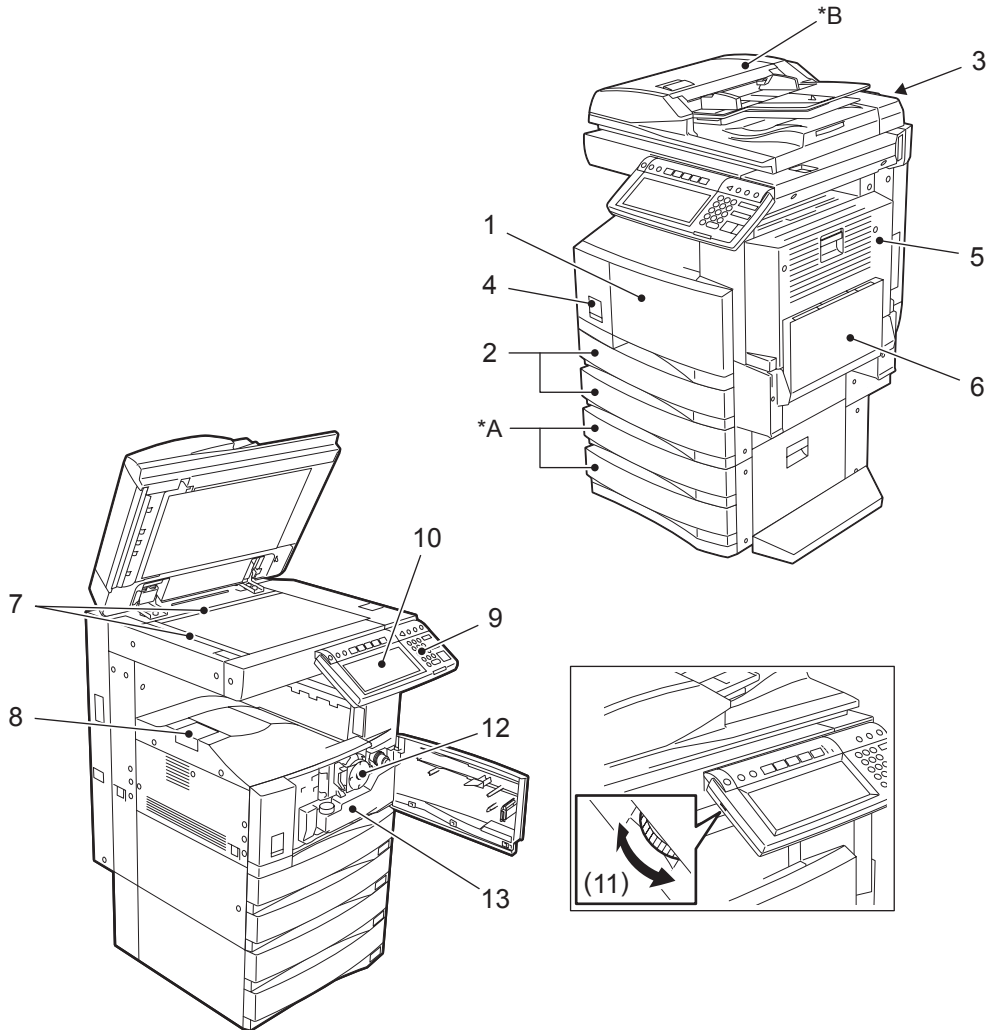
1. Description of Each Component	24
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1. Description of Each Component

Main components

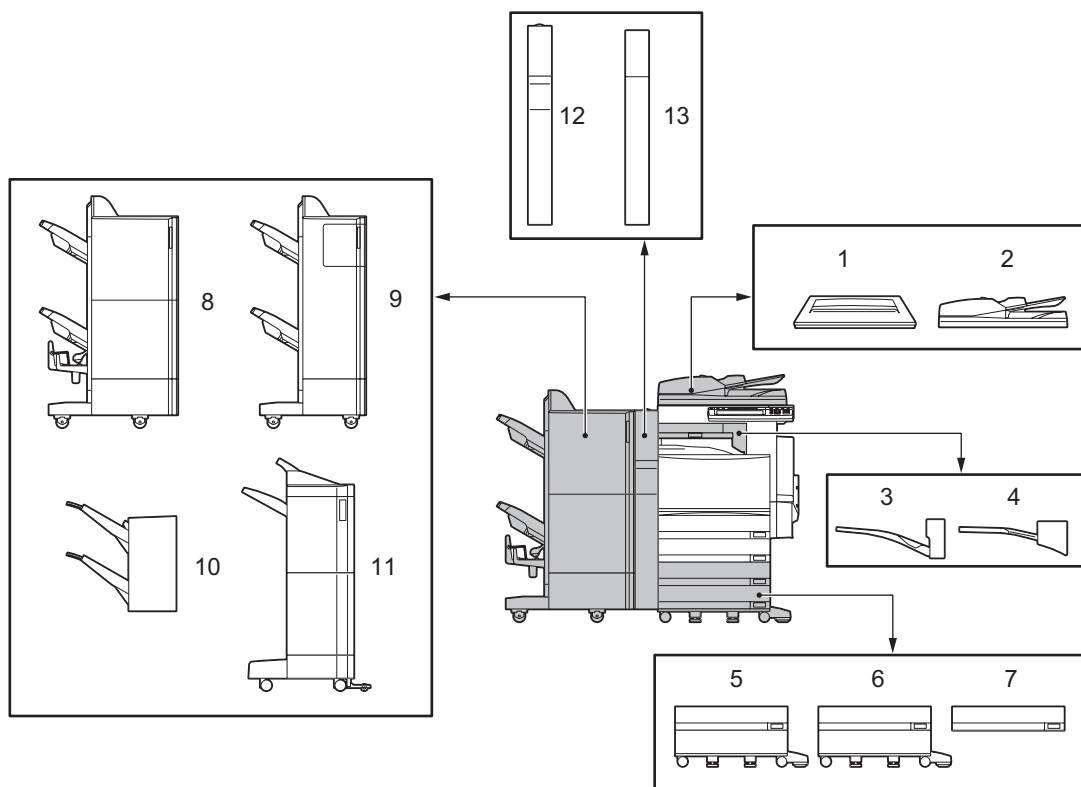
1

1. Front cover
 2. Drawers
 3. Operator's Manual pocket (Back side)
 4. Power switch
 5. Automatic duplexer
 6. Bypass tray
 7. Original scale
 8. Receiving tray
 9. Control panel
 10. Touch panel
 11. Touch panel contrast adjustment dial
 12. Toner cartridge
 13. Toner bag
- A and B: Options



Configuration of options

1



- 1. Original Cover (KA-3511PC)**
Holds an original.
- 2. Reversing Automatic Document Feeder (MR-3018)**
Automatically feeds a placed stack of originals one by one to have them copied.
- 3. Offset Tray (MJ-5005)**
Enables copied and printed sets to be collated or stacked in groups with each set being offset.
- 4. Job Separator (MJ-5004)**
Enables Faxes, copies and prints to be output onto separate paper trays.
- 5. Large Capacity Feeder (KD-1012)**
This feeder enables you to feed up to 2500 sheets (22 lb. Bond) of LT paper.
- 6. Paper Feed Pedestal (KD-1011)**
Adds one drawer to the equipment. This also enables you to install the Additional Drawer Module (MY-1021) (optional).
- 7. Additional Drawer Module (MY-1021)**
This drawer is for adding to the Paper Feed Pedestal (KD-1011). Combined with the 2 drawers in the equipment, paper can be fed from 4 drawers in total.

8. Saddle Stitch Finisher (MJ-1024)

This finisher enables saddle stitching, in addition to sort/group finishing and stapling. (The Hole Punch Unit sold separately can be installed to this finisher.) The Bridge Unit (KN-3520 sold separately) is required when installing this finisher.

9. Finisher (Type A) (MJ-1023)

This finisher enables sort/group finishing and stapling. (The Hole Punch Unit sold separately can be installed to this finisher.) The Bridge Unit (KN-3520 sold separately) is required when installing this finisher.

10. Hanging Finisher (MJ-1022) (for e-STUDIO352 only)

This finisher enables sort/group finishing and stapling. The Bridge Unit (KN-3520 sold separately) is required when installing this finisher.

11. Finisher (Type B) (MJ-1101)

This finisher enables sort/group finishing and stapling (including manual stapling). (The Hole Punch Unit sold separately can be installed to this finisher.) The Bridge Unit (KN-3520 sold separately) is required when installing this finisher.

12. Hole Punch Unit (MJ-6004)

This unit enables you to punch holes on printouts. It can be installed to the Saddle Stitch Finisher (MJ-1024) and Finisher (Type A) (MJ-1023).

13. Hole Punch Unit (MJ-6101)

This unit enables you to punch holes on printouts. It can be installed to the Finisher (Type B) (MJ-1101).

Other options available are as follows. Contact your service technician or Toshiba product distributors for details.

Work Table (KK-3511)

This is a small table for placing originals while the equipment is operated.

- Cannot be installed with e-BRIDGE ID Gate at the same time.

FAX Unit (GD-1200)

This is a unit for using the equipment as a Fax.

- Installed inside of the equipment

2nd Line for Fax Unit (GD-1160)

This unit enables to add a line to the Fax to make it 2nd line.

- Installed inside of the equipment
- The Fax Unit (GD-1200) is necessary.

Desk (MH-1700)

This is a desk for the equipment.

Data Overwrite Kit (GP-1060)

This is a kit to erase the data stored temporarily when copying, printing, scanning, Fax, internet Fax or network Fax is performed. It overwrites temporarily stored data with random data.

- Installed inside of the equipment

Scrambler Board (GP-1040)

This board enhances the security of the equipment. Data are encrypted when they are written into the hard disk of the equipment, and decrypted when they are read.

- Installed inside of the equipment
- The PCI Slot (GO-1060) is necessary.

Wireless LAN Module (GN-1041)

This module enables the equipment to be used in a wireless LAN environment.

- Installed inside of the equipment
- The Antenna (GN-3010) is necessary.
- The equipment cannot be connected to the wireless and wired LAN at the same time.

Bluetooth Module (GN-2010)

This module enables the Bluetooth printing.

- Installed inside of the equipment
- The Antenna (GN-3010) is necessary.

Antenna (GN-3010)

This is used when the Wireless LAN module and Bluetooth Module are installed.

Printer Kit (GM-1060)

This kit enables the printing function.

- This kit is for the e-STUDIO352/452. Use the GM-1061 for the e-STUDIO353/453.
- Printing using a printer driver supporting XPS is not available.

Printer Kit (GM-1061)

This kit enables the printing function.

- Printing using a printer driver supporting XPS can be performed if the Memory (GC-1230) is installed in the equipment.

Printer/Scanner Kit (GM-2060)

This kit enables the printing and scanning functions.

- This kit is for the e-STUDIO352/452. Use the GM-2061 for the e-STUDIO353/453.
- Printing using a printer driver supporting XPS is not available.

Printer/Scanner Kit (GM-2061)

This kit enables the printing and scanning functions.

- Printing using a printer driver supporting XPS can be performed if the Memory (GC-1230) is installed in the equipment.

Scanner Kit (GM-4060)

This kit enables the scanning function.

Memory (GC-1230)

Printing using a printer driver supporting XPS can be performed if this memory is installed together with the Printer Kit (GM-1061) or Printer/Scanner Kit (GM-2061).

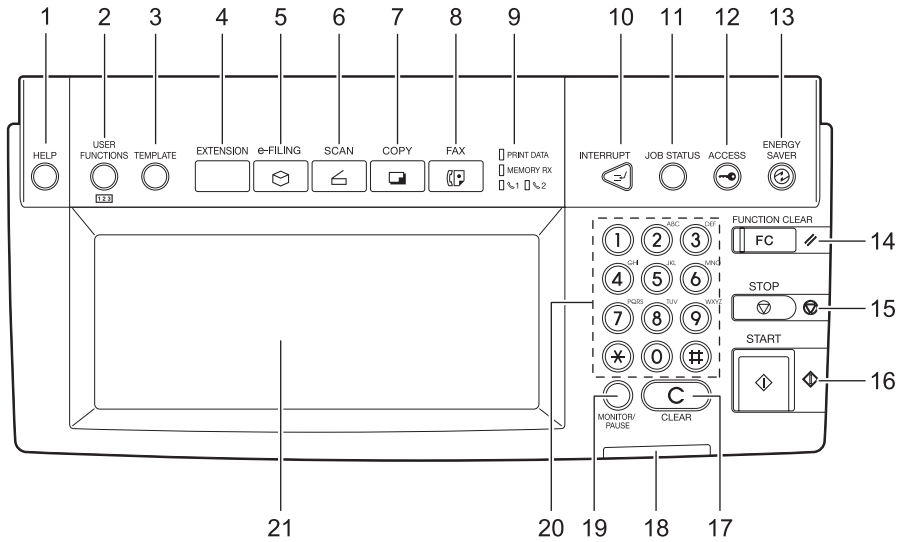
e-BRIDGE ID Gate (KP-2004, KP-2005)

Users can login and use the equipment simply by holding their IC card over the e-BRIDGE ID Gate.

- This cannot be installed with the Work Table at the same time.

Control panel

Use the buttons on the control panel for various operations and settings through the equipment.



1. **[HELP] button**
Use this button to display the description of the functions and the buttons on the touch panel.
2. **[USER FUNCTIONS] button**
Use this button for paper size or media type setting of drawers, and registration of the copy, scan and FAX settings (including a default setting change.) See the User Functions Guide for the functions enabled by this button.
3. **[TEMPLATE] button**
Use this button to register and recall frequently used copy, scan, and Fax settings as a template.
4. **[EXTENSION] button**
Any operation with this button is invalid at present. This button is to extend functions in the future.
5. **[e-FILING] button**
Use this button to access saved image data.
6. **[SCAN] button**
Use this button to use the scanning function.
7. **[COPY] button**
Use this button to use the copier function.
8. **[FAX] button**
Use this button to use the FAX / Internet FAX function.
9. **PRINT DATA / MEMORY RX / FAX communication lamps**
These lamps show the status of FAX data reception and FAX communication. The equipment can be operated even while these lamps are lit.

10. [INTERRUPT] button

Use this button to interrupt the copy job in process and perform another one. The interrupted job is resumed by your pressing this button again.

11. [JOB STATUS] button

Use this button to confirm the job status, printing status, and FAX transmission/reception status of a print job, scan job and FAX job. (📖 P.234 “1.Job Status”)

12. [ACCESS] button

Use this button when the department code or user information has been set. If this button is pressed after copying, the next user cannot use functions such as copying without keying in the department code or user information. See the User Functions Guide for the department and user management.

13. [ENERGY SAVER] button

Use this button when you want to shut down the equipment or when you want the equipment to enter into the energy saving mode. When you press this button, the menu for the energy saving mode appears. Press the [SLEEP] button on this menu to enter into the energy saving mode and press the [SHUTDOWN] button to shut down the equipment.

14. [FUNCTION CLEAR] button

When this button is pressed, all selected functions are cleared and returned to the default settings. If the default setting is changed on the control panel, and copying, scanning, Fax or similar is performed, the [FUNCTION CLEAR] button blinks.

15. [STOP] button

Use this button to stop any scanning and copying operations in progress.

16. [START] button

Use this button to start copying, scanning and FAX operations.

17. [CLEAR] button

Use this button to correct numbers keyed in, such as the copy quantity.

18. ERROR lamp

This lamp lights when an error occurs and the equipment needs some actions to be taken.

19. [MONITOR/PAUSE] button

Use this button only when a FAX Unit (optional) is installed. (See the Operator's Manual for Facsimile Function for details.)

20. Digital keys

Use these keys to enter any numbers such as the copy quantity.

21. Touch panel

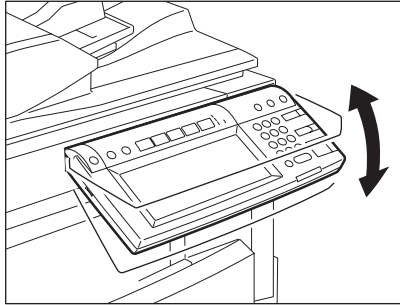
Use this panel for the various settings of each function of the copier, scanner and FAX. This panel also indicates the status of the equipment, such as when you run out of paper or there is a paper jam.

Adjustment of the angle of the control panel

1

When adjusting the angle of the control panel

The angle of the control panel is adjustable at any angle between 7 and 45 degrees from the horizontal position.



Caution

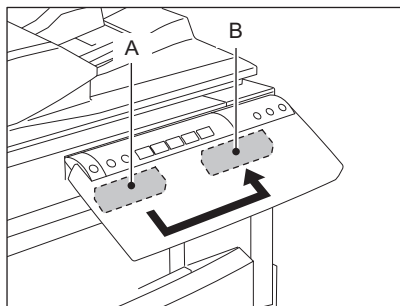
When changing the angle of the control panel, be careful not to catch your hands in the gap between the equipment and the control panel. This could injure you.

When fixing the angle of the control panel

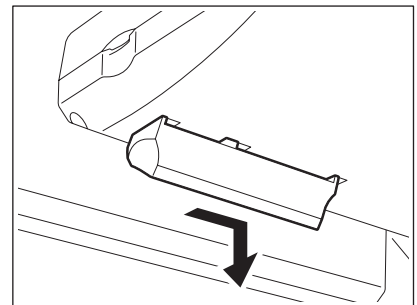
The angle of the control panel can be fixed by using the stopper on the backside of the control panel (at 7 degrees from the horizontal position). The stopper is located on A when the equipment is set up. Move it from the position A to B before fixing it.

A: The position where the angle is adjustable.

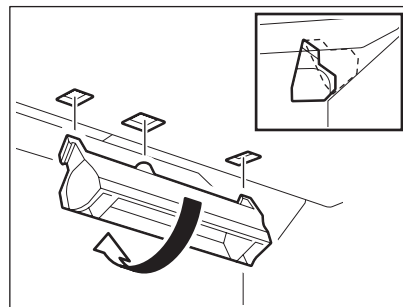
B: The position where the angle is fixed.



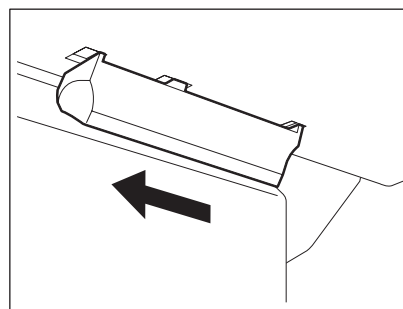
- 1 Slide the stopper (in the position A) slightly to the right, and then pull it out.



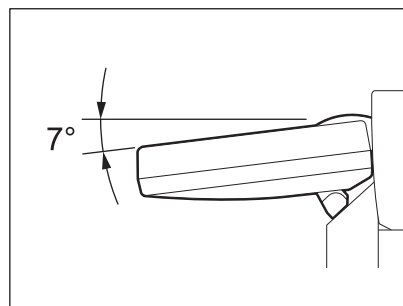
- 2** Fit the latches of the stopper in the hole of the position B and insert them turning the stopper itself.



- 3** Shift the stopper to the left until it clicks.



- The angle of the control panel is fixed at 7 degrees.



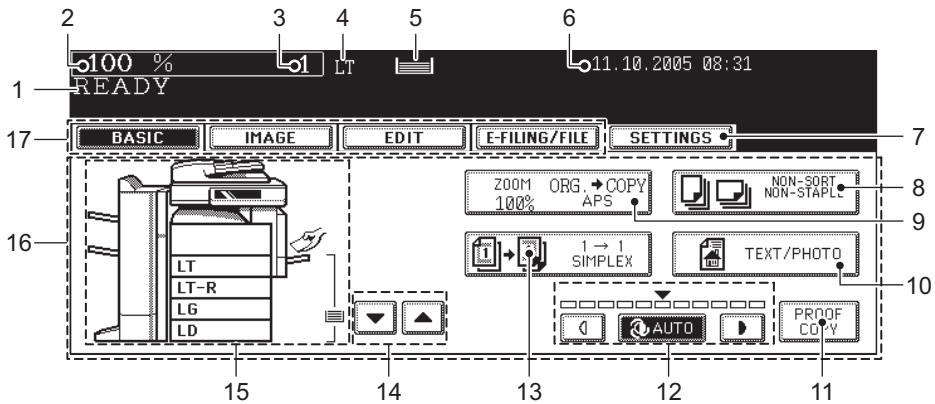
Touch panel

1

When the power is turned on, the basic menu for the copier function appears on this touch panel. The status of the equipment is also displayed on the touch panel with messages and illustrations.

- | | |
|--|--------------------------------------|
| 1. Message | 10. Original mode button |
| 2. Reproduction ratio | 11. [PROOF COPY] button |
| 3. Number of copy sets | 12. Density adjustment buttons |
| 4. APS/AMS* or currently selected paper size | 13. Simplex / duplex button |
| 5. Remaining paper level | 14. Paper source selection buttons |
| 6. Date and time | 15. Equipment status indication area |
| 7. [SETTINGS] button | 16. Function setting area |
| 8. Finisher button | 17. Index buttons |
| 9. Enlargement/Reduction ([Zoom...]) button | |

* APS: Automatic paper selection, AMS: Automatic magnification selection



Message display

The following information appears at the top of the touch panel:

Equipment status, operational instructions, cautionary messages, reproduction ratios, number of copy sets, paper size of a selected drawer, amount of paper in a selected drawer and date and time.

Touch-buttons

Press these buttons on the touch panel lightly to set various functions.

Index buttons

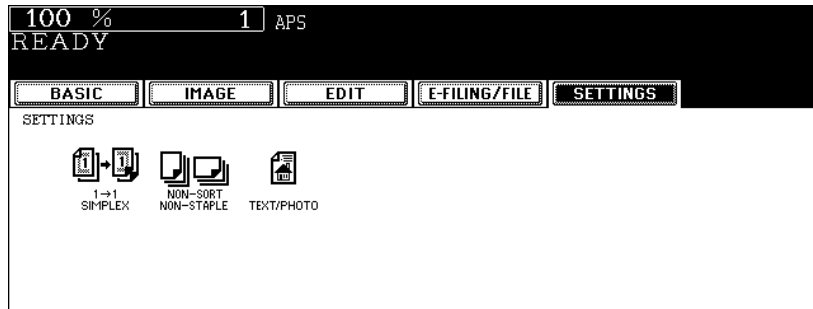
Press these buttons to switch menus. The type and number of the index buttons vary depending on the function of the copier, scanner and e-Filing.

Function setting area

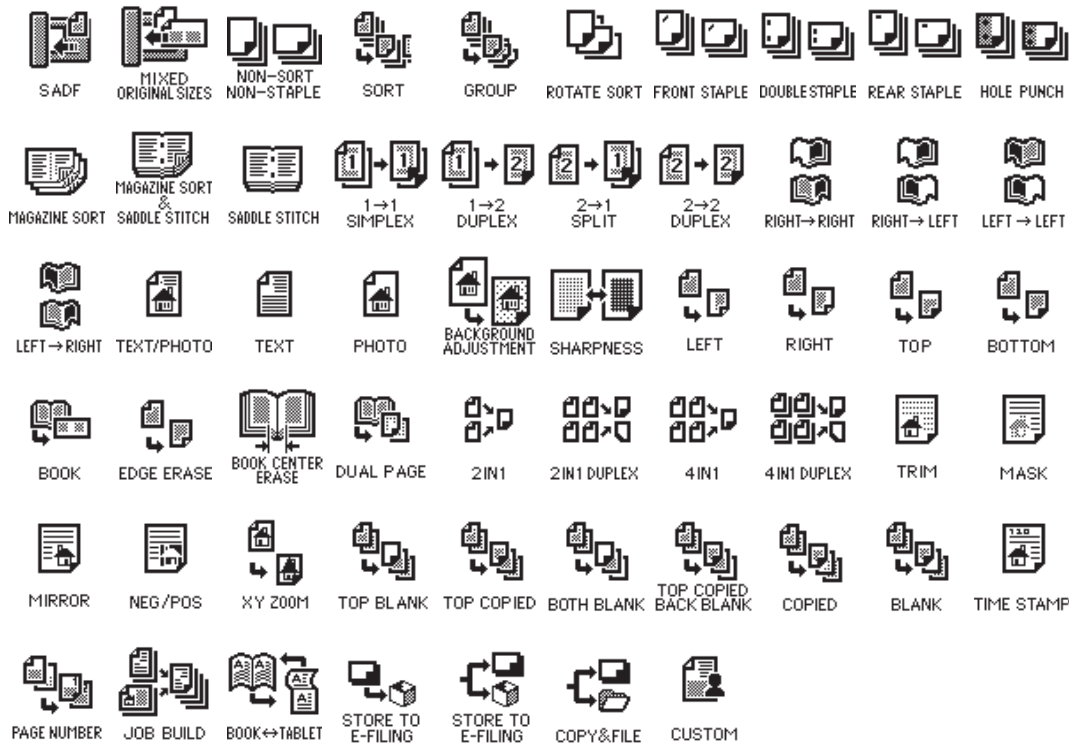
This area includes buttons for selecting and setting each function.

[SETTINGS] button

Press this button to confirm currently set functions.
(An example is shown below.)



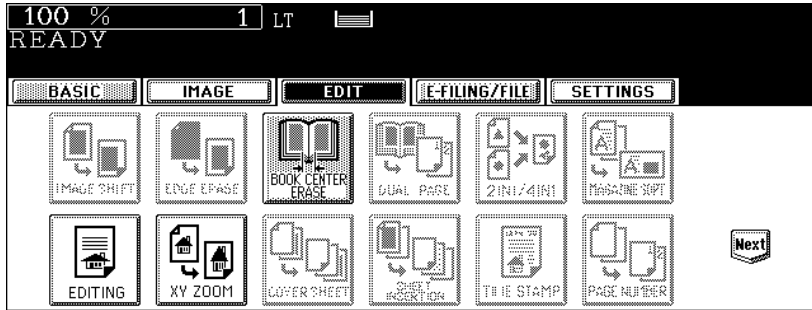
Buttons appearing on the various menus are as follows (some buttons may not appear on the menu):



1

Clearing functions selected

When you press the selected button, the function which has been selected is cleared. Or the selected setting is cleared automatically by the automatic function clear* when the equipment has been left inactive for a specified period of time.



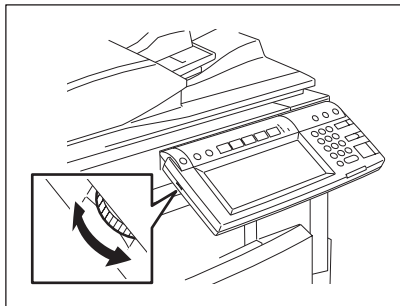
* Automatic function clear:

This function works when a specified period of time has passed since the last paper exit or the last entry of any button. This function returns all the function settings to default without the need to press the [FUNCTION CLEAR] button. When the department or user management function is being used, the display returns to the department code or user information input menu. When these functions are not being used, the display returns to the basic menu of the copier function.

The period for the automatic function clear is set at 45 seconds by default at the time of installation of the equipment. See the User Functions Guide for change of this setting.

Adjusting the contrast of the touch panel

Turn this adjustment dial on the left side of the control panel to adjust the contrast of the touch panel.

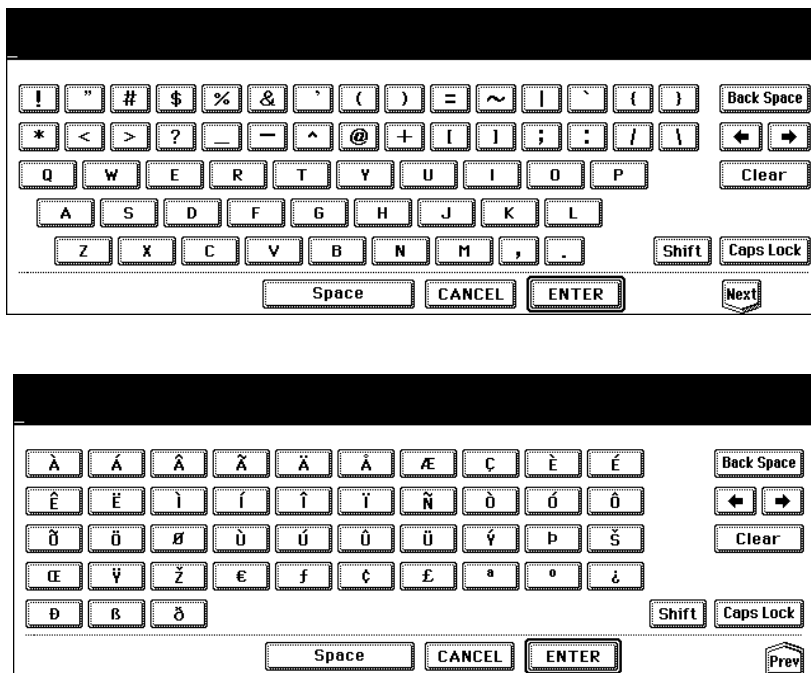


Setting letters

The following menu appears when any letter entry is required for the operations of scanning, e-Filing, template and Internet FAX.

Use the buttons on the touch panel for letter entry and use the digital keys on the control panel for number entry.

After entering the letters, press the [ENTER] button. The menu will be changed.



The following buttons are used for letter entry.

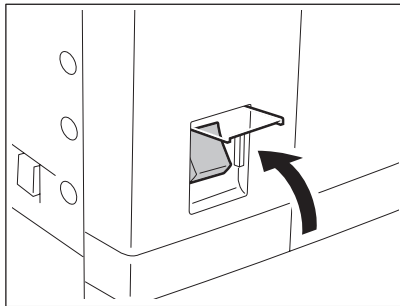
- [Space]: Press this to enter a space.
- [CANCEL]: Press this to cancel the entry of letters.
- [ENTER]: Press this to fix all entered letters.
- [Back Space]: Press this to delete the letter before the cursor.
- [←][→]: Press them to move the cursor.
- [Clear]: Press this to delete all letters entered.
- [Shift]: Press this to enter capital letters.
- [Caps Lock]: Press this to switch capital letters and small letters.
- [Next]: Press this to access the special keys.

2. Turning Power On / Off

Turning power on

1

Open the switch cover, and then turn the power switch on.



- The equipment starts warming-up. "Wait Warming Up" appears during warming-up.
- While the equipment is warming up, you can use the auto job start function. (📖 P.72 "Scanning the next originals during copying (Auto job start)")

The equipment will be ready for copying after about 20 seconds and "READY" appears. When you turn the power of the equipment OFF, do not simply turn the power switch to turn it off but be sure to shut it down. (📖 P.42 "Turning power off (Shutdown)")

Tip

When the use of the equipment is managed under department management or user management function, you need to enter the department code or user information before making a copy. For details, see 📖 P.37 "When department or user management is used".

When department or user management is used

When the use of the equipment is managed under department management or user management function, each user needs to enter the department code or user information.

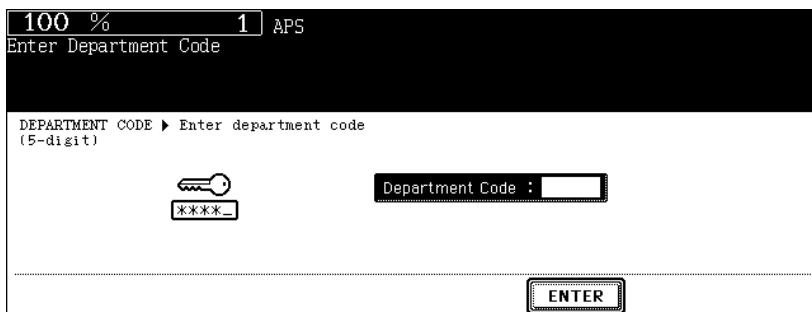
1

Department management

You can restrict users or manage copy volumes made by an individual group or department in your company using the department codes. When the copy volume is controlled under the department code, enter the code after turning the power on. See the User Functions Guide for setting and registration of the department codes.

When the power is turned on, the following menu appears.

- This menu also appears when the [ACCESS] button is pressed or the automatic function clear has worked.



Key in a department code (5 digits) previously registered and press the [ENTER] button. The menu will switch and the equipment will be ready to be used.

- If the department code keyed in is incorrect, the menu does not change. Key in the correct department code.

When copying is finished

When you finish all operations, press the [ACCESS] button to prevent unauthorized use of the equipment. The display returns to the department code input menu.

1

User management

In the user management function, the users of the equipment can be limited or the past record of each user can be managed. When the equipment is managed under this function, turn the power of the equipment ON and enter the information required (e.g. user name, password) to use the equipment. The menu for entering user information also appears when you pressed the [ACCESS] button on the control panel or automatic function clear has worked. Enter the information following the procedure below.

Tip

If guest user is enabled in the user management, the [GUEST] button is displayed on the touch panel. Press the [GUEST] button to login as a guest user. For the types of functions available, consult the administrator.

MFP local authentication, LDAP authentication

The screenshot shows a user authentication interface. At the top, it displays '100 %' and '1 APS' in a status bar. Below this, the text 'Enter the user name and Password' is shown. The main area is titled 'USER AUTHENTICATION' and contains a prompt: 'Key in the user name and password. Press ENTER'. There are three input fields: 'USER NAME', 'PASSWORD', and 'DOMAIN'. The 'DOMAIN' field is currently filled with 'Dept01'. To the right of the input fields is a 'GUEST' button. At the bottom center, there is an 'ENTER' button.

Windows Domain Authentication

The screenshot shows a user authentication interface for Windows Domain Authentication. It has the same top status bar as the previous screen, showing '100 %' and '1 APS'. The text 'Enter the user name and Password' is present. The main area is titled 'USER AUTHENTICATION' and contains the prompt: 'Key in the user name and password. Press ENTER'. There are three input fields: 'USER NAME', 'PASSWORD', and 'DOMAIN'. The 'DOMAIN' field is filled with 'Dept01'. A 'GUEST' button is visible on the right. An 'ENTER' button is located at the bottom center.

1 The menu for user authentication appears.

MFP local authentication, LDAP authentication

100 % 1 APS
Enter the user name and Password

USER AUTHENTICATION ▶ Key in the user name and password. Press ENTER

USER NAME

PASSWORD

Windows Domain Authentication

100 % 1 APS
Enter the user name and Password

USER AUTHENTICATION ▶ Key in the user name and password. Press ENTER

USER NAME

PASSWORD

DOMAIN

- The domain name previously set by the network administrator is displayed in [DOMAIN].

Tip

If the domain name belonging to your organization is not displayed, press the [DOMAIN] button and select it.

Dept01

Dept02

Dept03

1

2 Press the [USER NAME] button.

100 % 1 APS
Enter the user name and Password

USER AUTHENTICATION ▶ Key in the user name and password. Press ENTER

USER NAME	<input type="text"/>
PASSWORD	<input type="password"/>
DOMAIN	Dept01

3 Enter the user name (maximum 128 letters) and then press the [ENTER] button.

User01_

!	"	#	\$	%	&	'	()	=	~		\	{	}	Back Space	
*	<	>	?	_	-	^	@	+	[]	:	:	/	\	←	→
Q	W	E	R	T	Y	U	I	O	P	Clear						
A	S	D	F	G	H	J	K	L								
Z	X	C	V	B	N	M	,	.	Shift	Caps Lock						
Space										CANCEL			ENTER			

4 Press the [PASSWORD] button.

100 % 1 APS
Enter the user name and Password

USER AUTHENTICATION ▶ Key in the user name and password. Press ENTER

USER NAME	User01
PASSWORD	<input type="password"/>
DOMAIN	Dept01

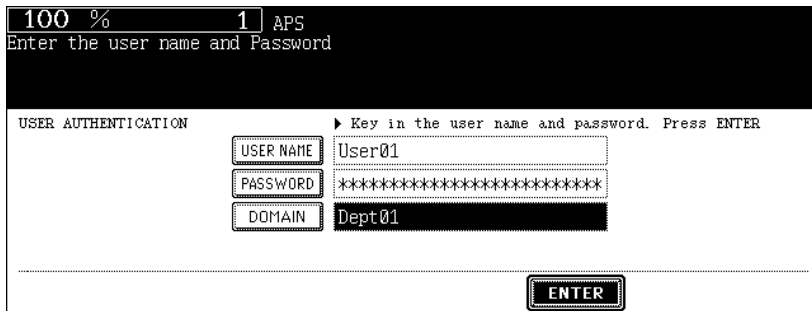
5 Enter the password (maximum 64 letters) and then press the [ENTER] button.

*****_

!	"	#	\$	%	&	'	()	=	~		\	{	}	Back Space	
*	<	>	?	_	-	^	@	+	[]	:	:	/	\	←	→
Q	W	E	R	T	Y	U	I	O	P	Clear						
A	S	D	F	G	H	J	K	L								
Z	X	C	V	B	N	M	,	.	Shift	Caps Lock						
Space										CANCEL			ENTER			

6 Press the [ENTER] button.

1



The menu will switch and the equipment will be ready to be used.

- If the user information is incorrectly entered, the menu will not switch. In this case, press the [FUNCTION CLEAR] button and then enter it again.

Displaying the available number of copies

How many copies the user and the department have remaining is displayed, respectively.

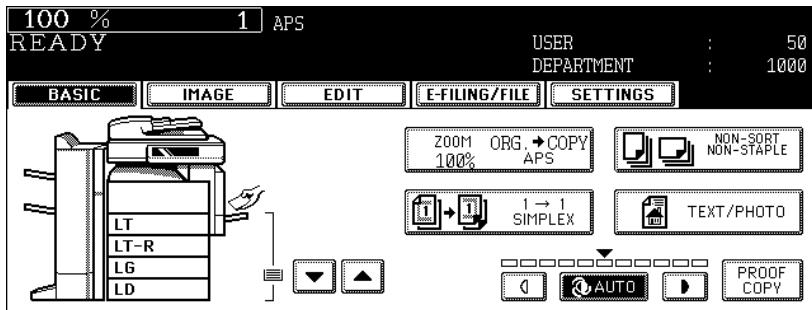
The number appears for 5 seconds on the upper right of the screen.

USER: Available number of copies for the user

DEPARTMENT: Available number of copies for the department

Tip

The available number of copies is displayed only when both the department and user management functions are enabled.



- The display differs depending on the management setting of this equipment.

When copying is finished

When you finish all operations, press the [ACCESS] button to prevent unauthorized use of the equipment. The display returns to the one for entering user information.

Turning power off (Shutdown)

1

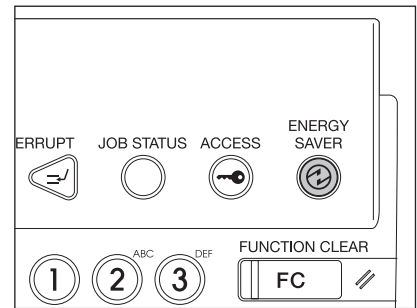
When turning OFF the power of the equipment, be sure to shut it down following the procedure below. Check the following three points before shutdown.

- No jobs should be left in the print job list. (P.234 “1.Job Status”)
- None of the PRINT DATA, MEMORY RX and FAX communication lamps should be blinking. (If the equipment is shut down while any of the above lamps is blinking, jobs in progress such as FAX reception will be aborted.)
- No PC should access the equipment via the network.

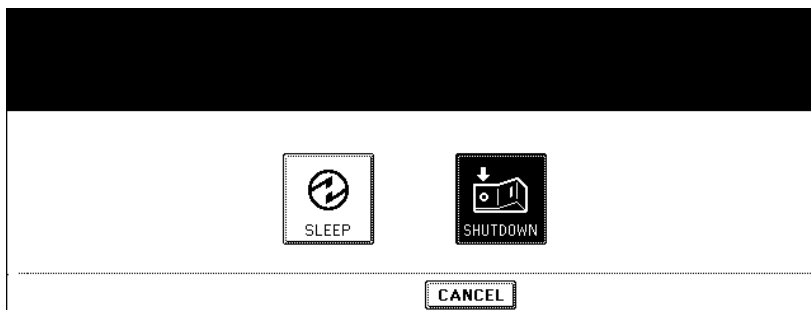
Note

- Do not press the power switch to turn the power OFF, otherwise the stored data may be lost or the hard disk may be damaged.
- When the equipment is shut down, the job in progress is cleared.

1 Press the [ENERGY SAVER] button on the control panel.



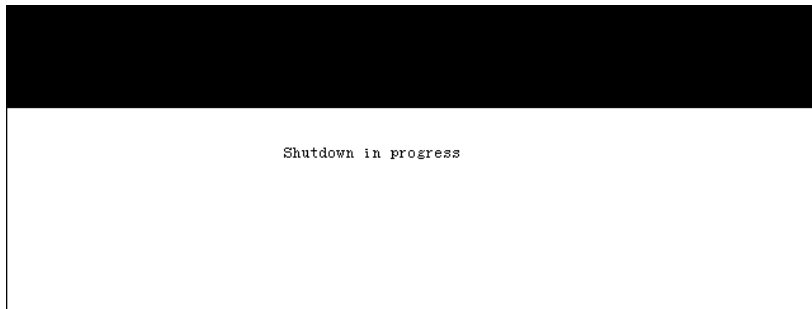
2 Press the [SHUTDOWN] button on the touch panel.



- To cancel the shutdown operation, press the [CANCEL] button.

- 3** “Shutdown in progress” appears on the menu. After a while, the equipment is shut down and the power is turned OFF.

1

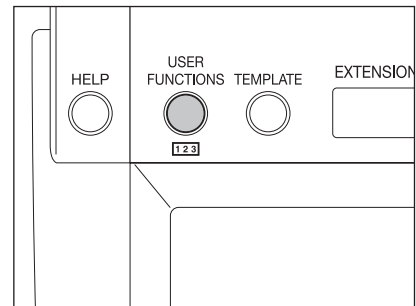


- The power switch automatically returns to the OFF position.

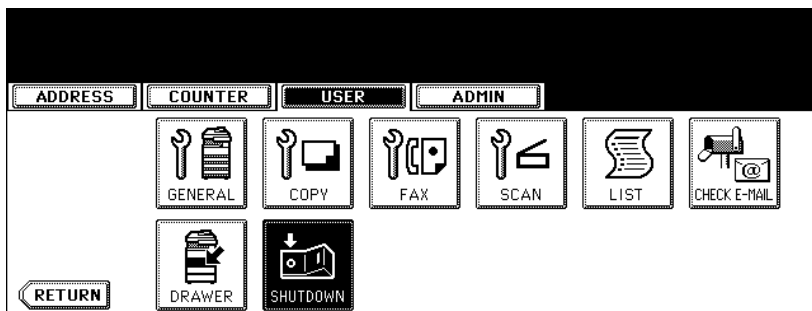
Turning the power off (Shutting down) with the [USER FUNCTIONS] button

The equipment can also be shut down by following the procedure below.

- 1** Press the [USER FUNCTIONS] button on the control panel.

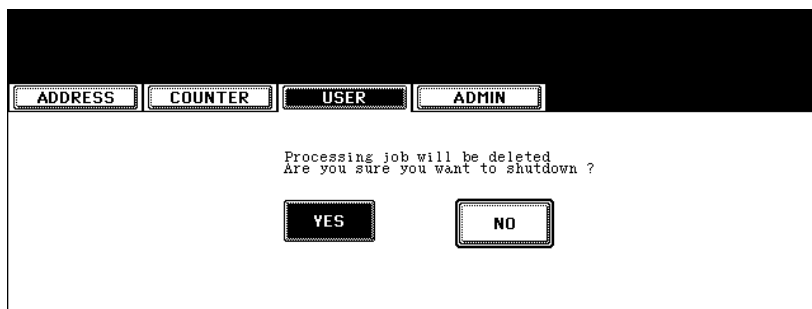


- 2** Press the [USER] button on the touch panel to enter the user setting menu, and then press the [SHUTDOWN] button.



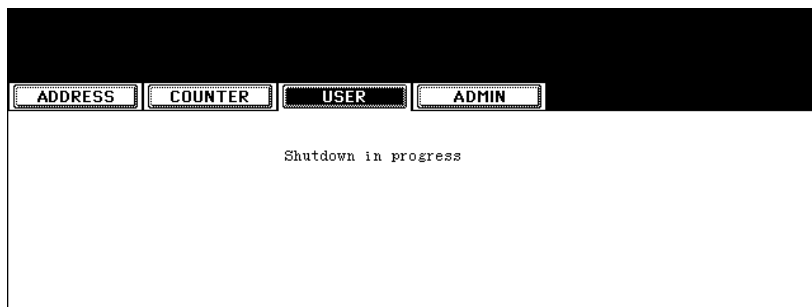
1

3 “Processing job will be deleted. Are you sure you want to shutdown?” appears on the menu. Press the [YES] button.



- To cancel the shutdown operation, press the [NO] button.

4 “Shutdown in progress” appears on the menu. After a while, the equipment is shut down and the power is turned OFF.



- The power switch automatically returns to the OFF position.

3. Energy Saving Mode

This equipment supports three energy saving modes; the Automatic Energy Save mode, the Off mode and the Sleep Mode.

Automatic Energy Save Mode

The equipment enters the Automatic Energy Save mode automatically after a specified period of time ^{*1} since its last use. During this mode, "Saving energy - Press START button" appears on the touch panel.

Off Mode

The equipment enters the Off mode automatically after a specified period of time ^{*1} since its last use. The equipment is automatically shut down and the power switch is turned off.

Tips

- This mode is applied only to the copier model.
- Turn the power switch on again to use the copier.

Sleep Mode

The equipment enters the Sleep Mode automatically after a specified period of time ^{*1} since its last use. During this mode, the message of the Automatic Energy Save mode disappears and the [ENERGY SAVER / SHUTDOWN] button lights in green.

Tips

- This mode is applied to the multifunction model with any of the FAX Unit, Printer/Scanner Kit and Scanner Kit (all optional) installed.
- This mode is automatically cleared upon the reception of print data, Fax data, Internet Fax data or E-mails. It is also cleared by pressing the [START] button.

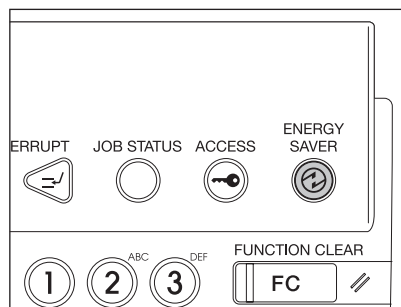
*1 This period is set at 3 minutes by factory default.

See the User Functions Guide to change the default settings noted above.

If 'Automatic Energy Save' and 'Off Mode'/'Sleep Mode' have the same setting time, 'Off Mode'/'Sleep Mode' takes priority.

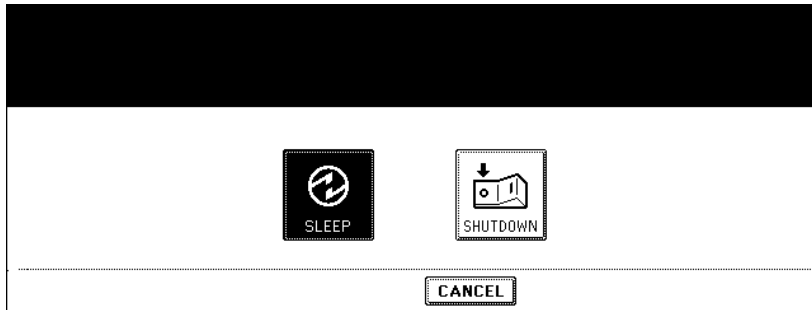
The equipment can also be made to enter the sleep mode manually by means of the following procedure.

- 1 Press the [ENERGY SAVER] button on the control panel.**



1

2 Press the [SLEEP] button on the touch panel.



- The equipment enters into the sleep mode. During this mode, the display on the touch panel disappears and the [ENERGY SAVER] button lights in green.

To canceling the energy saving mode

Press the [ENERGY SAVER] button on the control panel. The sleep mode is cleared and the equipment will be ready for copying.

The sleep mode is also cleared by pressing any button of [COPY], [SCAN], [FAX], [e-FILING] and [START].

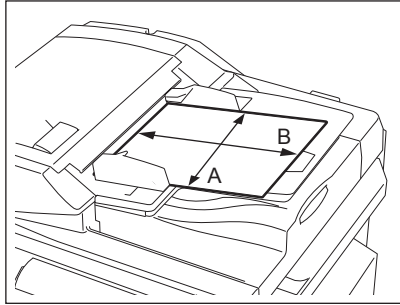
The [SCAN] is enabled only when the Printer/Scanner Kit or the Scanner Kit (both optional) is installed. The [FAX] button is enabled only when any of the FAX Unit, Printer/Scanner Kit and Scanner Kit (all optional) is installed.

4. Setting Copy Paper

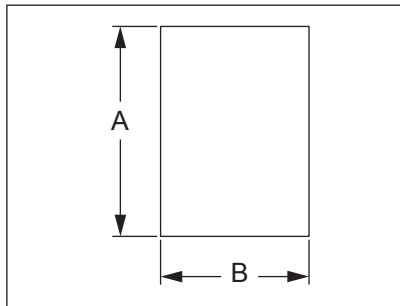
About the “width” and the “length” of the original and the copy paper

Originals and copy paper whose size is LT can be set in both portrait and landscape directions. In the size descriptions of original and copy paper throughout this manual, “A” in the figure below is called “length” and “B” is called “width”. (In the figure below, the operator is standing in front of the equipment.)

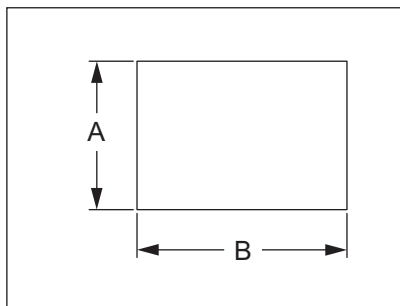
1



When “B” is shorter than “A”, it is called “placing the original in a portrait direction.”



When “B” is longer than “A”, it is called “placing the original in a landscape direction.”



In this manual, when an original or copy paper which can be set in both in portrait and landscape directions is placed horizontally, its paper size is identified by adding “-R” at the end. (e.g. “LT-R”)

Acceptable copy paper

1

Feeder	Paper type	Paper size	Maximum sheet capacity
Drawers (Including optional drawers)	Plain paper (16 - 20 lb. Bond)	(Standard size) LT format: LD, LG, LT, LT-R, ST-R, COMP, 13"LG, 8.5"SQ	600 sheets (17 lb. Bond) 550 sheets (20 lb. Bond)
	Thick 1 (- 28 lb. Bond)	A/B format: A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO K format: 8K, 16K, 16K-R	450 sheets
Large Capacity Feeder (optional)	Plain paper (16 - 20 lb. Bond)	(Standard size) LT, A4	3000 sheets (17 lb. Bond) 2500 sheets (20 lb. Bond)
	Thick 1 (- 28 lb. Bond)		2000 sheets
Bypass tray	Plain paper (16 - 20 lb. Bond)	(Standard size) LT format: LD, LG, LT, LT-R, ST-R, COMP, 13"LG, 8.5"SQ	100 sheets (17 lb. Bond) 100 sheets (20 lb. Bond)
	Thick 1 (- 28 lb. Bond)	A/B format: A3, A4, A4-R, A5-R, A6-R, B4, B5, B5-R, FOLIO	80 sheets (- 28 lb. Bond)
	Thick 2 (- 90 lb. Index)	K format: 8K, 16K, 16K-R	40 sheets * ¹ (- 90 lb. Index)
	Thick 3 (- 110 lb. Index)	(Non-Standard size) Length: 3.9 - 11.7", Width: 5.8 - 17"	30 sheets * ¹ (- 110 lb. Index)
	Tracing paper (20 lb. Bond only)		* ¹
	Sticker labels		* ¹ , * ²
	OHP film	(Standard size) LT only	30 sheets * ¹
	Tab paper	(Standard size) LT, A4	* ¹

*¹ Automatic duplex copying is not available.

*² Use Thick 3 mode for sticker labels.

- Multiple paper sizes cannot be set in one drawer.
- "Maximum sheet capacity" refers to the maximum number of sheets when Toshiba-recommended paper is set.
- Be sure that the paper height does not exceed the line indicated inside of the guide.
- "K format" is a Chinese standard size.

Abbreviations for paper sizes:

LT: Letter, LD: Ledger, LG: Legal, ST: Statement, COMP: Computer, SQ: Square

Recommended paper

To make copies with a fine color image, the following types of paper are recommended. If you wish to use copy paper other than the recommended types, consult your service technician.

Paper type	Toshiba recommendations/Manufacturer		Mode
Plain paper	TIDAL MP/Hammermill (20 lb. Bond)		PLAIN
Thick	Laser/Hammermill	(24 lb. Bond)	THICK1
		(32 lb. Bond)	THICK2
	Exact Index/WAUSAU	(90 lb. Index)	THICK2
		(110 lb. Index)	THICK3
Tracing paper	20 lb. Bond tracing paper		PLAIN
Sticker labels	5165/Avery		THICK3
OHP film *1	PP2500L/3M X-10.0/Folex		TRANSPAR- ENCY

*1 Only Toshiba-recommended OHP film should be used. Using any other film may cause a malfunction.

Handling and storing paper

Pay attention to the following points:

- Avoid using paper that is specially treated or previously printed on another machine, and also avoid performing double copying on the same side of the paper, since this may cause a malfunction.
- Do not use paper with creases, wrinkles or curls, paper prone to curling, smooth or rough paper; this may cause paper misfeeds.
- Paper should be wrapped in its wrapping and stored in a damp-free place.
- To prevent paper from being folded or bent, store it evenly on a flat surface.

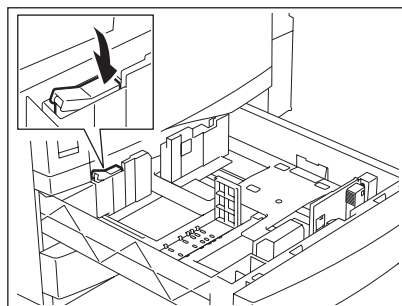
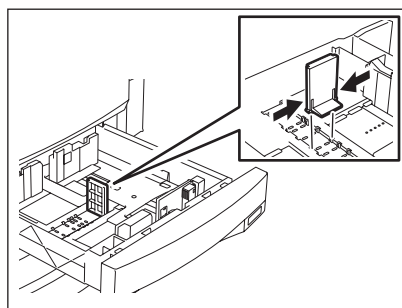
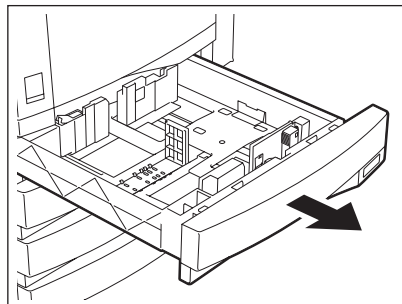
Setting copy paper (size change)

When you set or add copy paper in the drawer, follow the procedure below.

1

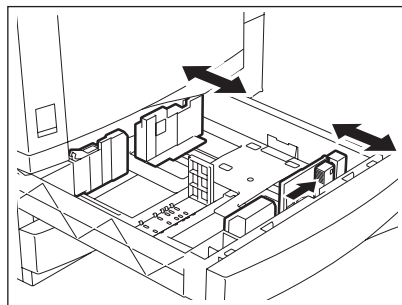
Placing paper in the drawer

- 1 Turn the power on.
- 2 Pull out the drawer carefully until it comes to a stop.
- 3 Push the lower part of the end guide in the direction of the arrow to remove it, then reinstall it at the desired paper size (indicated on the bottom inner surface on the drawer).
- 4 Push the arrow part (right side) of the side guide to unlock it.

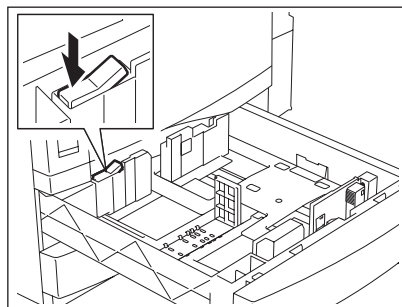


5 While pushing the green lever of the side guide in the direction of the arrow, set the side guide to the desired paper size.

- Adjust the side guides with both hands.

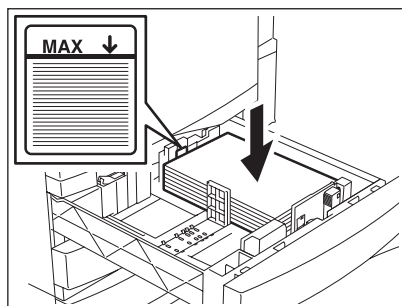


6 Push the arrow part (left side) to lock the side guide.



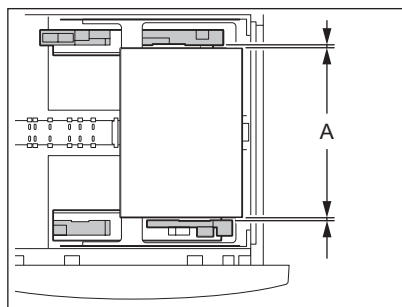
7 Place paper in the drawer(s).

- Place paper with its copy side up. (The copy side may be described on the wrapping paper.)
- For the maximum number of sheets that can be set, see P.48 "Acceptable copy paper".
- Fan the paper well before placing it in the drawer.
- Be sure that the paper height does not exceed the line indicated inside of the guide.
- Do not use creased, folded, wrinkled or damp sheets of paper.



Note

Make sure that a gap of 0.02" (0.04" or less in total) is left between the paper and the side guide for plain paper, and approx. 0.02" to 0.04" (approx. 0.04" to 0.08" in total) for thick paper. If the gap is insufficient, it could cause paper misfeeding.



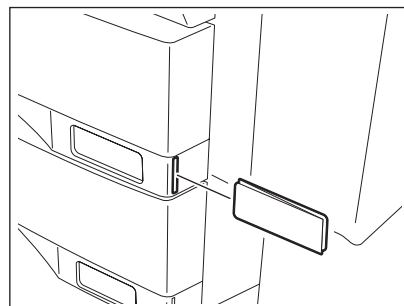
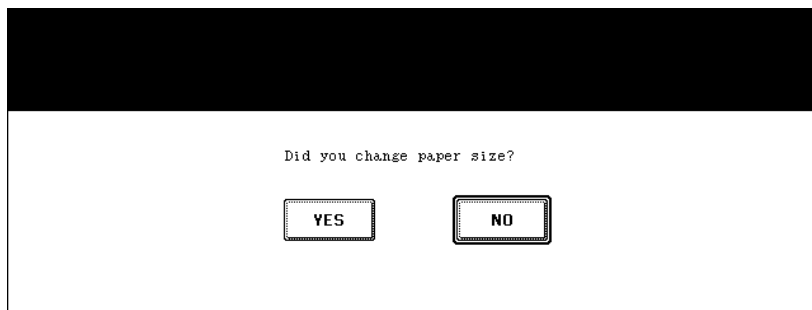
1

8 Push the drawer straight into the equipment until it comes to a stop.

- Be sure to close the drawer securely and carefully.

Caution

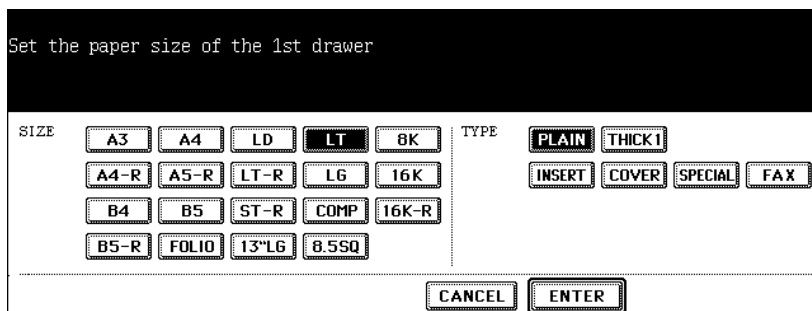
Be careful not to let your fingers be caught when closing the drawer. This could injure you.

9 When the paper size is different from the one in the drawer, change the paper size indicator to match with the size of paper which has been set.**10 When the paper size is different from the one in the drawer, press the [YES] button. When the paper is the same size as the one in the drawer, press the [NO] button. (When you press the [NO] button, you do not need to continue with step 11 and subsequent steps.)****Tip**

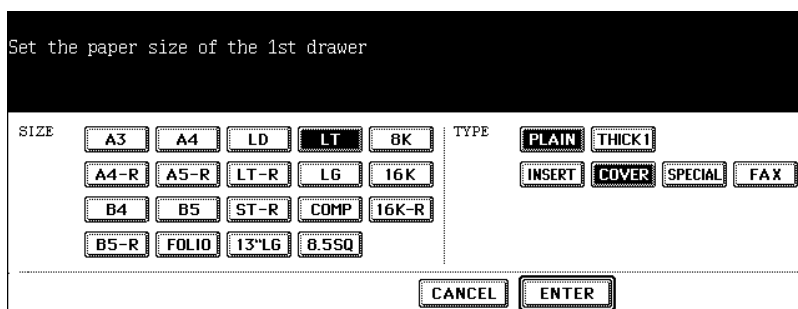
This menu may not be displayed under a certain equipment setup. In this case, see the procedure in [P.54](#) "Changing the setting of paper size" to change the paper size setting when a paper size different from the one which had been placed in the drawer is set.

- Contact the administrator in your office when the display setting of this menu needs to be changed.

- 11** Press the paper size button corresponding to the paper that has been set in the drawer.



- 12** When you want to change the setting of the drawer for special uses (P.56), press the paper type button.



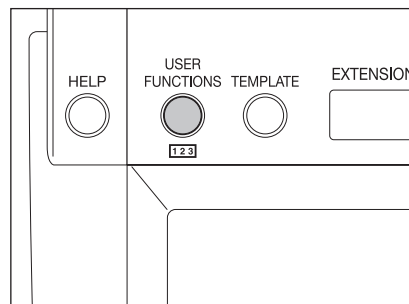
- 13** Press the [ENTER] button.

1

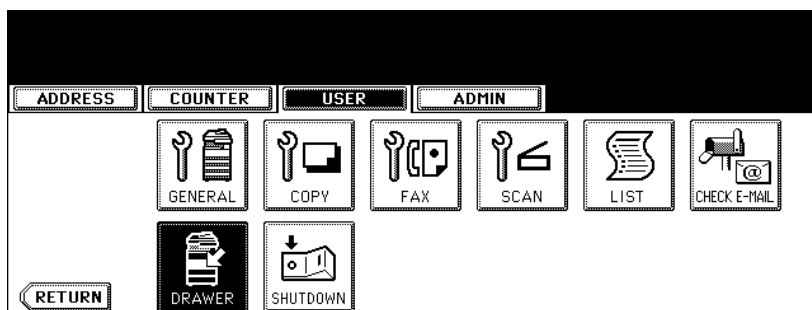
Changing the setting of paper size

If the setting of the paper size registered in the equipment does not correspond to the one in the drawer, it could cause a paper jam. In this case, change the setting of the paper size according to the following procedure.

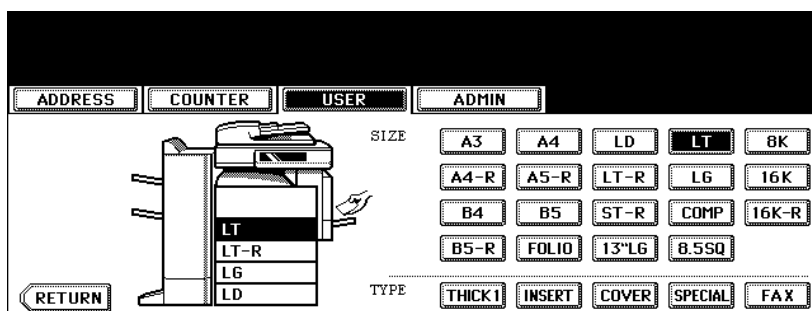
- 1 Press the [USER FUNCTIONS] button on the control panel.



- 2 Press the [USER] button on the touch panel to enter the user setting menu and then press the [DRAWER] button.



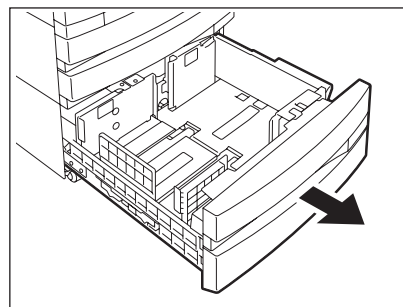
- 3 Press the drawer on the touch panel corresponding to the one in which the paper size has been set, and then press the button indicating the new one.



Placing paper in the Large Capacity Feeder (optional)


1 Pull out the Large Capacity Feeder carefully.

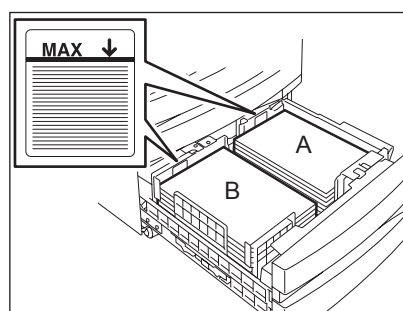
- Pull out the drawer until it comes to a stop.



1

2 Place paper in A and B.

- Place paper with its copy side up. (The copy side may be described on the wrapping paper.)
- For the maximum number of sheets that can be set, see  P.48 "Acceptable copy paper".
- Be sure that the paper height does not exceed the line indicated on the side guide.
- Fan and jog the paper well before placing it on the drawer. Set the paper for A to the right side, and set that for B to the left side. (The paper can be set neatly if you pile it up gradually and alternately in A and B.) Be sure that the center lever is not open (see the labels attached in the Large Capacity Feeder).
- Paper starts being fed out of the elevator tray (A) at first. When the paper on A has run out, the paper on B moves to the position of A and starts being fed.
- Do not use wrinkled, folded or damp sheets of paper.



3 Push the drawer of the Large Capacity Feeder straight into the equipment until it comes to a stop.

- Close the drawer completely. The elevator tray automatically moves up to the paper feeding position.

Caution

Be careful not to let your fingers be caught when closing the drawer. This could injure you.

Drawer for special uses

1

When you set paper for special uses other than normal copying (e.g. sheets for cover copying) in the drawer, you need to set this drawer for the special use in advance. If the drawer has been set for a special use, its indication will change on the touch panel. A drawer with this setting will not be used for normal copying.

The following paper types are selectable according to each purpose.

Paper type	Purpose	Indication	Reference
Cover sheet	Sheet used in the cover copying mode	"COVER"	P.156 "9.COVER SHEET"
Insertion sheet	Sheet used in the sheet insertion mode (Up to 2 drawers can be set for this mode. First, set Insert source 1, then press the drawer for the paper type of Insert source 2, and then press the [INSERT] button.)	"INSERT 1" (or "INSERT 2")	P.159 "10.SHEET INSERTION"
FAX paper*	Fax paper (Fax Unit (optional) is required for the Fax function.)	F	(See the manual of each option.)
Special paper	Special types of paper (e.g. Paper with a watermark)	*	-
Thick 1	Sheet used when its weight is between 21 lb. and 28 lb. Bond. It can be set with other paper types.	₁	P.48 "Acceptable copy paper"

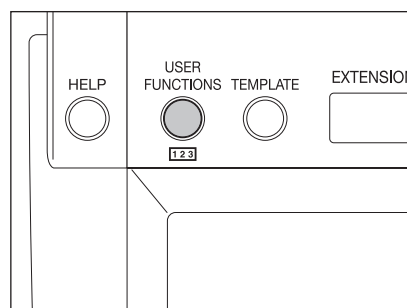
* Lists are printed from a drawer for which FAX paper was set. For printing lists, see the User Functions Guide.

Setting the drawer for special uses

1 Place paper in the drawer(s).

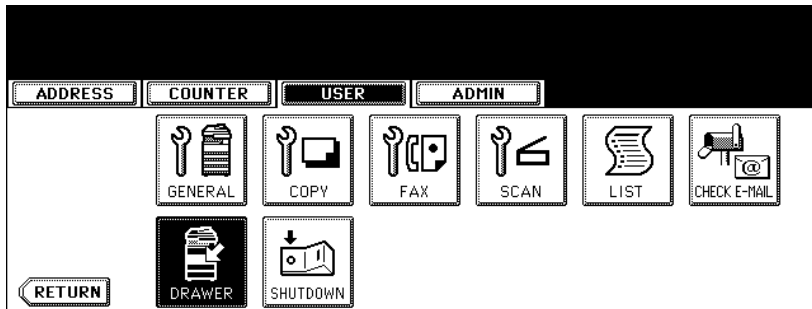
- Place paper with its copy side up.
- Set the paper size as required. (P.54 "Changing the setting of paper size")

2 Press the [USER FUNCTIONS] button on the control panel.

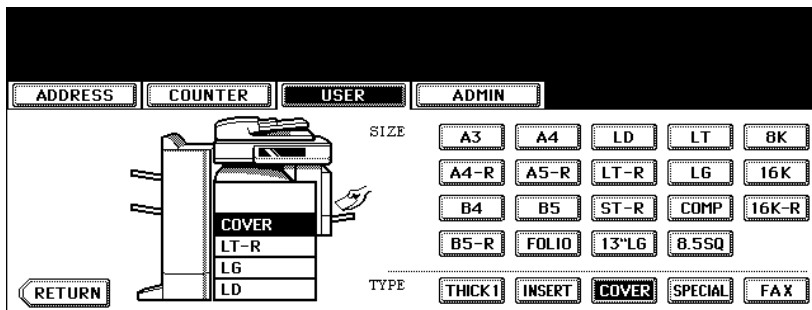


- 3** Press the [USER] button on the touch panel to enter the user setting menu, then press the [DRAWER] button.

1



- 4** Press the desired drawer and paper type button on the touch panel.
E. g.: When “Cover sheet” is set in the 1st drawer.

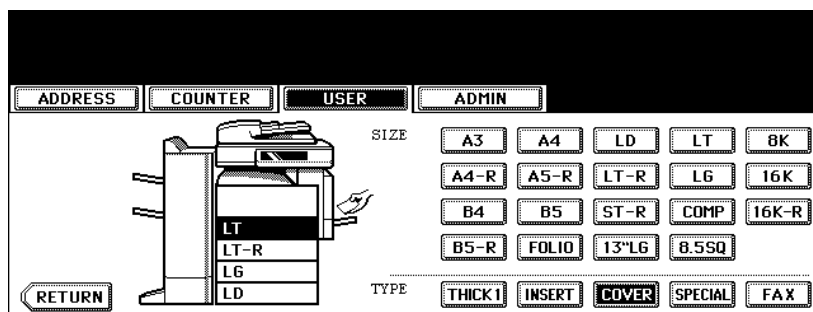


- Press the [RETURN] button twice or the [COPY] button on the control panel to return to the basic menu.

1

Clearing the drawer for special uses

- 1 Follow steps 1 to 3 of “Setting the drawer for special uses” (📖 P.56).
- 2 Press the drawer on the touch panel corresponding to the one whose setting you want to clear, and then press the button indicating the paper type in this drawer.



- The paper type setting is cleared and the indication of drawer returns to the original state.

Tip

When both Insertion sheet 1 and 2 have been set and only the setting of Insertion sheet 1 is cleared, the drawer for Insertion sheet 2 changes to the one for Insertion sheet 1.

2. HOW TO MAKE COPIES

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1. Setting Originals

Acceptable originals

Acceptable originals are as follows.

Setting position	Type of original	Maximum size	Acceptable sizes for automatic size detection
Original glass ^{*1}	Sheets 3-dimensional object Books	Length: 11.69" Width: 17.01"	(Standard size) LD, LG, LT, LT-R, ST-R
Reversing Automatic Document Feeder (optional) ^{*2 *3}	Plain paper Recycled paper 1-sided originals: 9.3 - 41.8 lb. 2-sided originals: 13.3 - 41.8 lb.	Length: 11.69" Width: 17.01"	(Standard size) LD, LG, LT, LT-R, ST-R, COMP

*1 Do not place any heavy objects (9 lb. or over) on the glass.

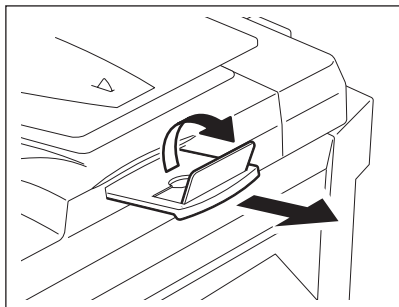
*2 Some originals cannot be used depending on their paper quality.

*3 Be sure to place ST-size originals in the landscape direction.

Automatic size detection does not work properly when A/B or K format paper is used for printing. (K format is a standard paper size for China.)

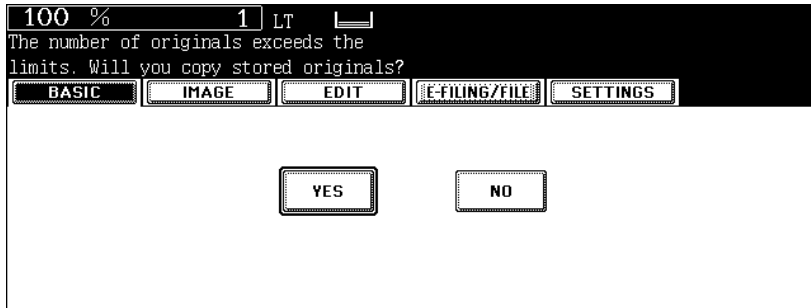
Tips

- Originals up to 100 sheets (9.3 to 20 lb.) or 0.62" in height can be placed on the Reversing Automatic Document Feeder (optional), regardless of their sizes.
- When you copy a large number of landscape originals using the Reversing Automatic Document Feeder (optional), use the original stopper to prevent them from being scattered.



Maximum number of sheets for scanning

A maximum of 1000 LT sheets, or up until the memory becomes full can be accepted per 1 copy job. When the number of scanned sheets has exceeded the above limit, a message "The number of originals exceeds the limits. Will you copy stored originals?" appears. If you want to print out the data of originals stored (scanned) up till then, press the [YES] button on the touch panel. If you want to delete the stored data, press the [NO] button.



Placing originals on the glass

Sheet originals

2

Caution

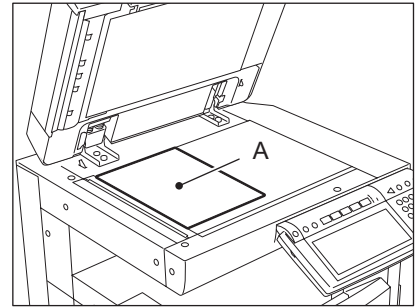
Do not place heavy objects (9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could injure you.

1 Raise the original cover or Reversing Automatic Document Feeder (optional).

- Raise it 60 degrees or more for detecting the original.

2 Place the original with its face down on the original glass and align it against the left rear corner of the glass.

A: Original

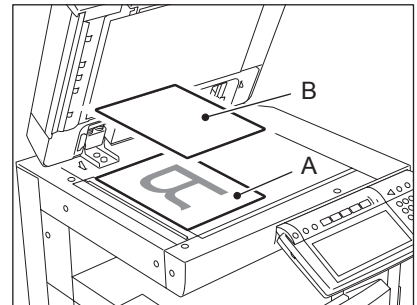


3 Lower the original cover or Reversing Automatic Document Feeder (optional) carefully.

- When you want to copy originals with high transparency such as OHP films or tracing paper, place a blank sheet of paper, the same size as the original or larger, over the original.

A: Original

B: Blank sheet



Book-type originals



Caution

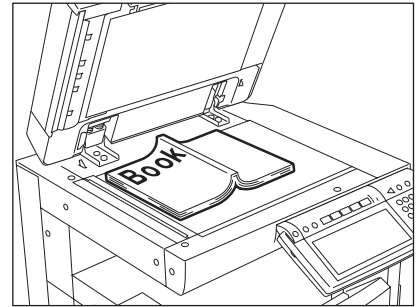
Do not place heavy objects (9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could injure you.

2

1 Raise the original cover or Reversing Automatic Document Feeder (optional).

2 Open the desired page of the original and place it face down. Align it against the left rear corner of the glass.

- When you want to use the 2-sided copying function or the dual-page function on the book-type originals, align the center of the original on the yellow indicator line of the glass.
( P.119 "Book-type original -> 2-sided copy")
( P.142 "4.DUAL PAGE")



3 Lower the original cover or Reversing Automatic Document Feeder (optional) carefully.

- Do not lower the Reversing Automatic Document Feeder forcibly when the original is very thick. There will be no problem in copying even if the Reversing Automatic Document Feeder is not fully lowered.
- Do not look fully at the original glass because intensive light may leak out during copying.

Using the Reversing Automatic Document Feeder (optional)

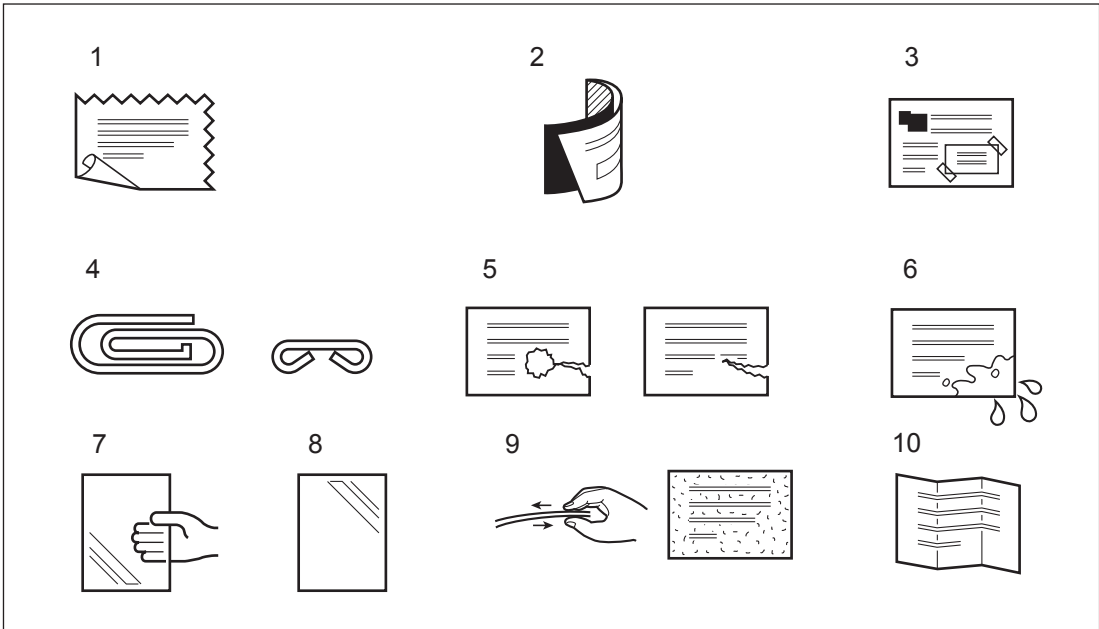
Precautions

Do not use the types of original 1 to 8 shown below because such types may cause misfeeding or damage to the equipment.

1. Badly wrinkled, folded or curled originals
2. Original with carbon paper
3. Taped, pasted or cut-out originals
4. Clipped or stapled originals
5. Originals with holes or tears
6. Damp originals
7. OHP films or tracing paper
8. Coating paper (coated with wax, etc.)

Use types of original 9 and 10 shown below with extra care.

9. Originals which cannot be moved with the fingers, or surface-treated originals
(The sheets of such originals may not be able to be separated.)
10. Folded or curled originals should be smoothed out before being used.




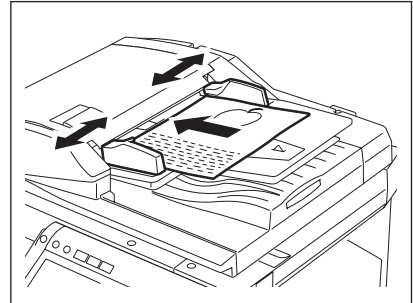
Tip

If the scanning area or the guide area is dirty, image trouble such as black streaks may occur in the print-out. Weekly cleaning of these areas is recommended. (P.336 “1.Daily Inspection”)

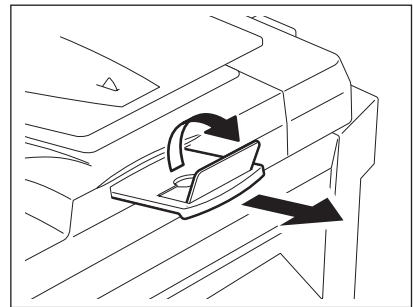
Continuous feed mode

1 Align all the originals. Then place them face up and align the side guides to the original length.

- Place the originals straight along the side guides.
- Collate the originals in the order that you want them to be copied. The top sheet of the originals will be fed first.
- This mode is also available for one-sheet originals.
- Regardless of their sizes, originals are acceptable up to 100 sheets (9.3 to 20 lb.) or 0.62" in height.
- For mixed-size originals, see  P.91 "Copying mixed-size originals in one go (mixed original size)".

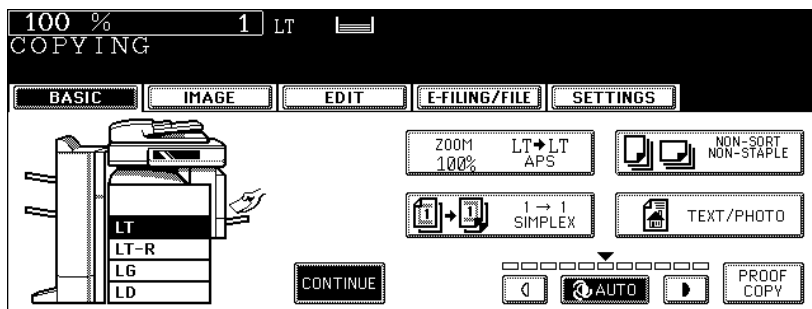


- Use the original stopper as required.
- To replace the original stopper, lift it slightly and push it in.



Tip

When the number of originals is too large to be set at one time, you can previously divide the originals into several sets to copy them continuously. To do so, place the first set of the originals and press the [CONTINUE] button on the touch panel while the data of this set are being scanned. When this scanning has finished, set the next set of the originals and press the [START] button on the control panel.

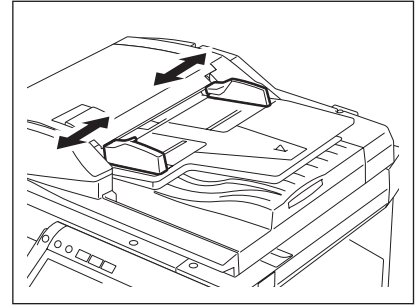


Single feed mode

To switch over between the continuous feed mode and the single feed mode, see P.172 “16.ADF / SADF”.

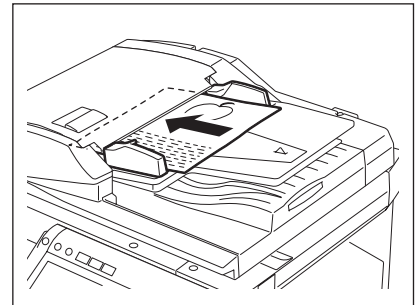
2

1 Align the side guides to the original width.

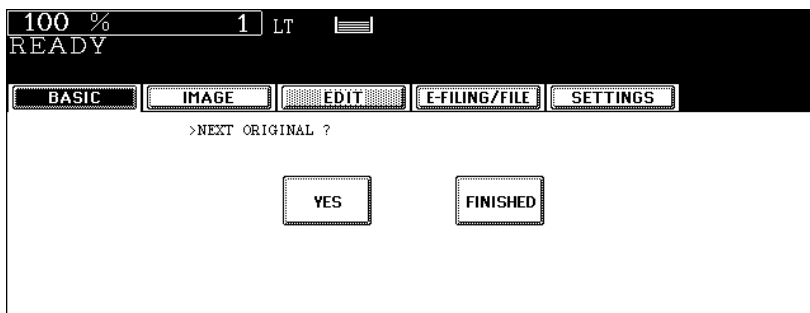


2 Insert the original with its face up and straight along the side guides.

- The original will be pulled in automatically. Be sure to let go of it when it starts being pulled.
- The menu of step 3 will be displayed.



3 If there are more originals, set them in the same way.



- The same operation is performed whether or not you press the [YES] button.

4 After all originals have finished being fed, press the [FINISHED] button.

Tip

If the [FINISHED] button is not pressed, copying is started when the automatic function clear is operated.
 P.34 “Clearing functions selected”

2. Making Copies

Initial (Default) settings

When the power is turned on, when the energy saving mode is cleared, and when the [FUNCTION CLEAR] button on the control panel is pressed, various setting items are automatically set. These items are called the initial (default) settings. Set originals after placing paper or confirming that there is paper in the drawers. When the [START] button on the control panel is pressed with any of the settings unchanged, copies are made in the initial (default) settings. You can make copies as desired by setting various copy modes.

The table below lists the various items of the initial settings at the time of installation of this equipment.

Item	Initial (Default) setting
Reproduction ratio	100%
Copy quantity	1
Paper selection	Automatic Paper Selection (APS)
Original -> Copy	1-Sided -> 1-Sided
Density adjustment	Automatic copy density adjustment
Original mode	TEXT/PHOTO
Finishing mode	Placing originals on the original glass: Non-sort/ Non-staple mode Placing originals on the Reversing Automatic Document Feeder (optional): Sort mode
Feeding mode when originals are placed on the Reversing Automatic Document Feeder (optional)	Continuous feed mode

- These initial settings can be changed as desired. See the User Functions Guide for details.

Copying procedure

Placing originals on the Reversing Automatic Document Feeder (optional)

1 Place paper in the drawer(s).

- For the types and sizes of paper selectable, see P.48 “Acceptable copy paper”.

Tip

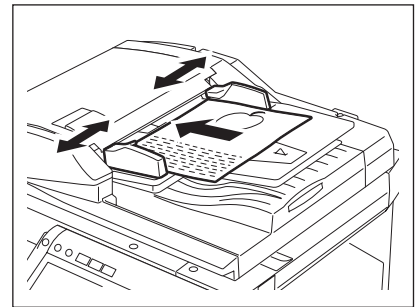
When the desired size or type of paper is not in any of the drawers or the Large Capacity Feeder, see the following pages.

- P.50 “Setting copy paper (size change)”
- P.55 “Placing paper in the Large Capacity Feeder (optional)”
- P.75 “3.Bypass Copying”

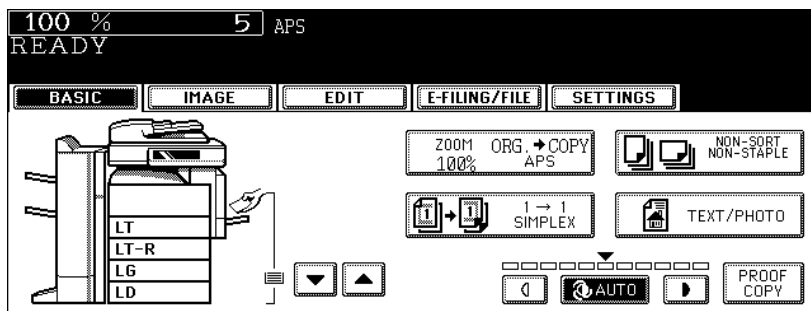
2 Place the original(s).

- See the following pages to set the originals.
 - P.60 “Acceptable originals”
 - P.64 “Using the Reversing Automatic Document Feeder (optional)”

The originals are copied in the order of being scanned.



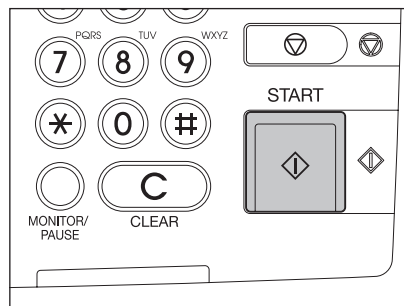
3 Select the copy modes as required. When you want to copy more than one set, key in the desired number of copies.



- Press the [CLEAR] button on the control panel to correct the number keyed in.
- Note that some combinations of copy modes are restricted. (P.355 “4. Copying Function Combination Matrix”)
- Once the [START] button on the control panel has pressed, any change in copy modes (including setting of the previously divided sets of originals) cannot be applied afterward.

4 Press the [START] button.

- Copying starts. The paper exits with its copied side down.
- When the drawer runs out of paper during copying, the corresponding drawer on the touch panel and the [JOB STATUS] button on the control panel blink. Add paper to this drawer or select another one with the same paper size.
- Be careful because the paper exit area and paper just after exiting are hot.



Placing an original on the original glass

1 Place paper in the drawer(s).

- For the types and sizes of paper selectable, see [P.48](#) “Acceptable copy paper”.

Tip

When the desired size or type of paper is not in any of the drawers or the Large Capacity Feeder, see the following pages.

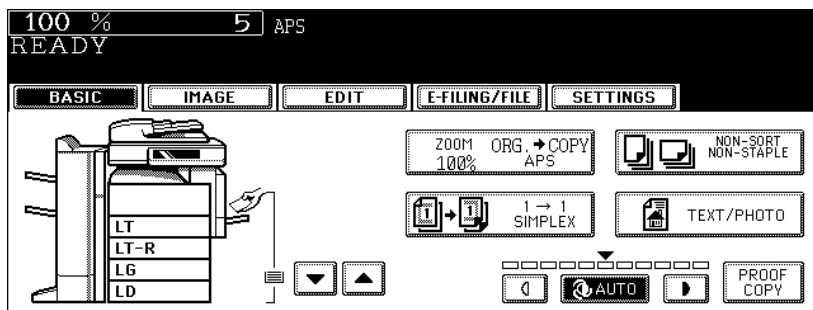
- [P.50](#) “Setting copy paper (size change)”
- [P.55](#) “Placing paper in the Large Capacity Feeder (optional)”
- [P.75](#) “3.Bypass Copying”

2 Place the original(s).

- See the following pages to set the originals.
 - [P.60](#) “Acceptable originals”
 - [P.64](#) “Using the Reversing Automatic Document Feeder (optional)”

The originals are copied in the order of being scanned.

3 Select the copy modes as required. When you want to copy more than one set, key in the desired number of copies.



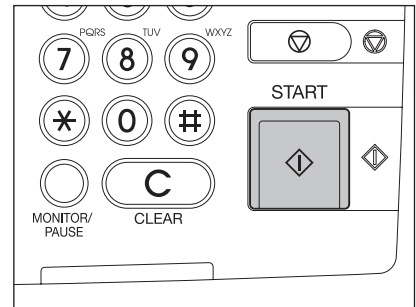
- Press the [CLEAR] button on the control panel to correct the number keyed in.
- Note that some combinations of copy modes are restricted. ([P.355](#) “4.Copying Function Combination Matrix”)
- Once the [START] button on the control panel has pressed, any change in copy modes (including setting of the previously divided sets of originals) cannot be applied afterward.

4 Press the [START] button.

- Copying starts.

Tip

When you copy by placing originals on the original glass (e.g. using the sort mode, or making 1-sided original 2-sided copies), the data of these originals are scanned into the memory. In this case, proceed to steps 5 and 6.



5 Place the next original, and press the [START] button.

- Data scanning of this original starts.
- The next original will also be scanned in the same manner when you press the [YES] button on the touch panel and then press the [START] button on the control panel.
- Repeat the above procedure until the scanning of the last page of the original finishes.

6 When scanning of all pages has finished, press the [FINISHED] button on the touch panel.

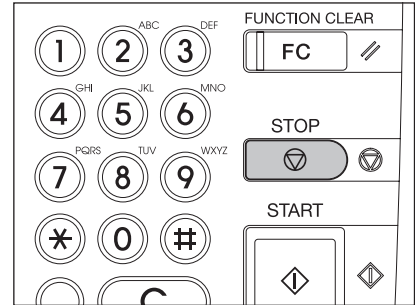


- Copying starts. The paper exits with its copied side down.
- When the drawer runs out of paper during copying, a paper source of the same size and direction is automatically selected and copying continues.
- When the drawer runs out of paper during copying, the corresponding drawer on the touch panel and the [JOB STATUS] button on the control panel blink. Add paper to this drawer or select another one with the same paper size.
- Be careful because the paper exit area and paper just after exiting are hot.

Stopping the copying operation

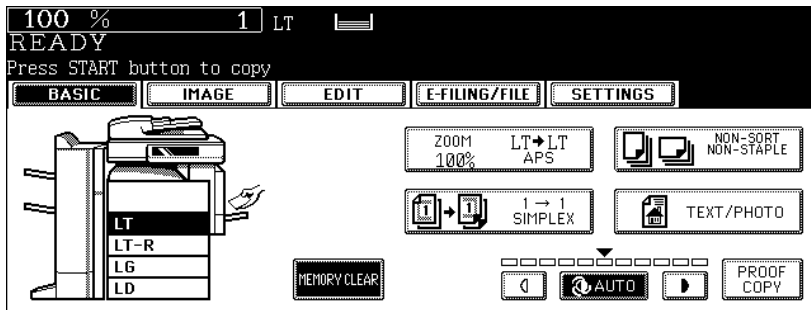
Press the [STOP] button on the control panel to stop scanning or continuous copying.

- 1 Press the [STOP] button on the control panel during scanning (or continuous copying).



2

- 2 When the following menu is displayed, press the [MEMORY CLEAR] button on the touch panel.



- During scanning: The data scanned up to then are deleted.
- During continuous copying: Copying stops and the data scanned up to then are deleted.

Tip

If there is any copy job waiting, this job will start.

Scanning the next originals during copying (Auto job start)

You can reserve a copy job by scanning the original during continuous copying or while “READY (WARMING UP)” appears.

1 Place the original(s).

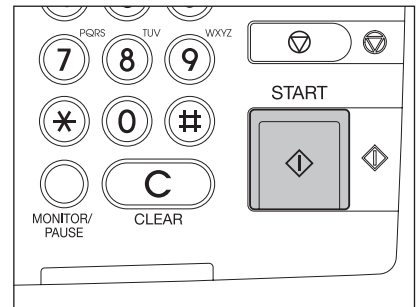
2 Select the copy mode and set the number of copies.

Tip

Note that the job starts in the copy modes of the previous job unless you set new ones particularly for this job.

3 Press the [START] button on the control panel.

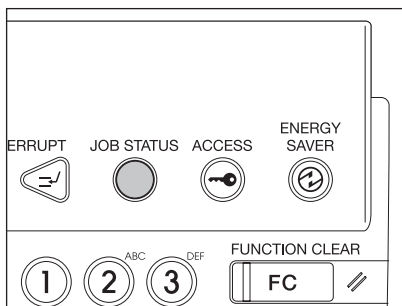
- Up to 10 jobs can be stored in the memory. When an 11th job is placed on the original glass or the Reversing Automatic Document Feeder (optional) and the [START] button is pressed, “Auto Start” appears on the touch panel.
- A maximum of 1000 LT sheets, or up until the memory becomes full can be accepted per 1 copy job. (P.61 “Maximum number of sheets for scanning”)



Confirming and canceling auto job

Confirming auto job and canceling job in waiting

Press the [JOB STATUS] button on the control panel to display the job list for confirming the set auto job and canceling a job waiting to be copied. To cancel auto jobs, see [P.236](#) “Deleting print jobs”.



Canceling auto job

Press the [STOP] button on the control panel to stop a job while originals are being scanned. To restart the job, press the [START] button. To clear the job, press the [FUNCTION CLEAR] button. (However, the originals which have been scanned before the job is stopped are copied even though the [FUNCTION CLEAR] button is pressed.)

To cancel the 11th auto job, press the [STOP] button.



Interrupt copying in progress and make other copies (Interrupt copying)

While continuous copying is in progress, you can interrupt this job with another copy job.

The following features cannot be used together with interrupt copying:

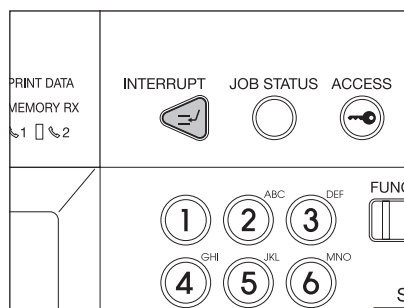
- Cover sheet copying
- Sheet insertion copying
- Job build
- Store to e-Filing / Copy & File
- [e-FILING] / [SCAN] / [FAX] buttons

1 Press the [INTERRUPT] button on the control panel.

- The [INTERRUPT] button blinks first, then lights after “Job interrupted job 1 saved” appears.

Tip

When the [INTERRUPT] button is pressed while originals are being scanned, the [INTERRUPT] button blinks first. Then the button lights after “Job interrupted job 1 saved” appears when the scanning is finished.



2 Replace the original with a new one.

- Set other copy modes as required.

3 Press the [START] button on the control panel.

4 After you have finished the interrupt copying, press the [INTERRUPT] button again.

- The message “READY to resume job 1” appears and the interrupted job resumes.

Tip

Interrupt copying is automatically canceled after a certain period by automatic function clearing without the need to press the [INTERRUPT] button again. The interrupted job (= Job 1) resumes after this automatic function clearing.

3. Bypass Copying

Bypass copying

When you want to make copies on OHP film, sticker labels, or non-standard size paper, place the sheets of paper on the bypass tray. Bypass copying is also recommended for copying on standard size paper which is not in any of the drawers.

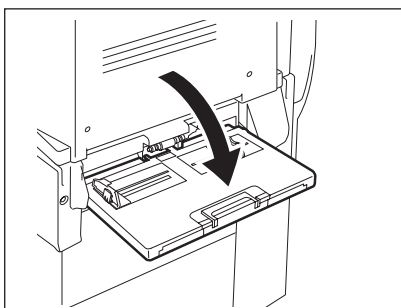
The following basic features can be used without specifying the paper size.

- Book Center Erase, XY Zoom, Cover Sheet, Sheet Insertion, Job Build, Image Direction and Book Tablet

The following features can be used by specifying the paper size in addition to the basic features.

- Image Shift, Edge Erase, Dual Page, 2IN1/4IN1, Magazine Sort, Editing, Time Stamp and Page Number in the Edit menu
- Rotate Sort, Hole Punch and Magazine Sort in the Sort Options menu
- "1 -> 2 Duplex", "2 -> 2 Duplex" and "Book -> 2" in the Duplex Modes menu
- APS and AMS in the Enlargement/Reduction menu

To carry out bypass copying, open the bypass tray.



The operating procedure of bypass copying differs depending on the paper size used. See the corresponding page for the operating procedure of each size. The table below shows these pages.

Paper size		Procedure
Standard size	LD, LT, LG, ST-R	📖 P.76
	Other than the above	📖 P.78
Others (Non-standard size)		📖 P.80

Tips

- Bypass copying stops when the paper placed on the bypass tray runs out during copying, even if the same size paper is in any of the drawers. Copying is resumed when paper is supplied to the bypass tray.
- When bypass copying has completed, the [FUNCTION CLEAR] button on the control panel blinks. Press this button to switch it to default copying using the drawers. (Bypass copying is automatically canceled after a certain period by automatic function clearing without the need to press the [FUNCTION CLEAR] button. The bypass copying returns to default copying using the drawers after this automatic function clearing.)

Bypass copying on standard size paper

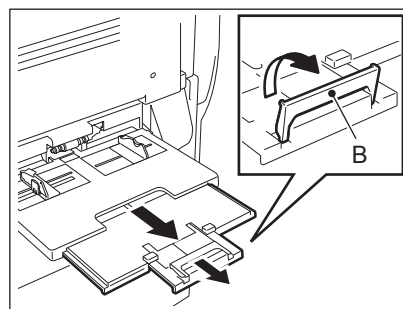
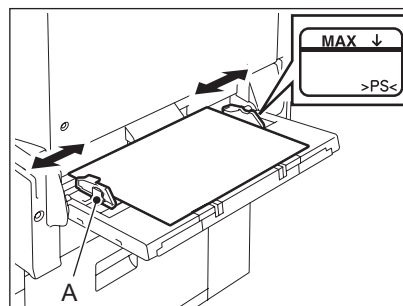
Copying on LD, LT, LG and ST-R size paper

1 Place some sheets of paper with their copy side down on the bypass tray. Align the side guides to the paper length while holding A.

- The message "Ready for bypass feeding" appears.
- Rear side of the side guides of the bypass tray has an indicator for paper height. The height of the sheets must not exceed this indicator.
- When you use more than one sheet, fan the sheets well before setting them on the tray.
- Do not push the sheets into the entrance of the bypass feeder; this may cause a paper jam.

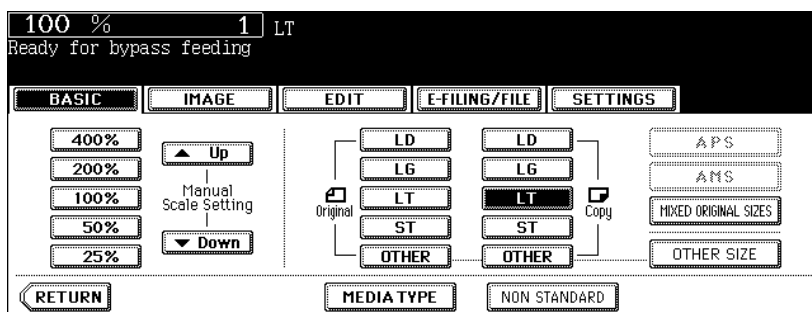
Tip

When the paper size is larger, draw out the three-stage paper holder. Raise B when you use LD or a larger size of paper.



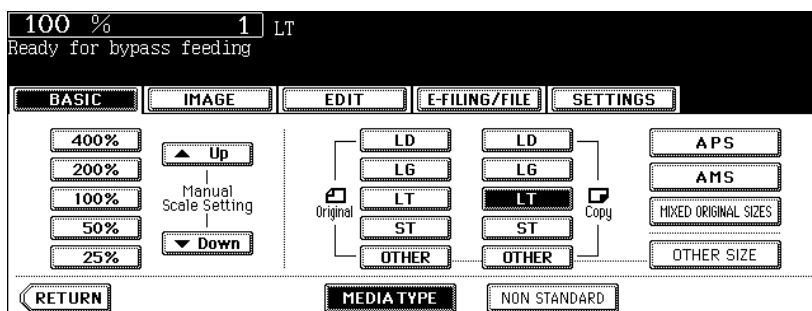
2 Place the original(s).

3 Press the button of the same size as the one of the paper you have set on the tray.

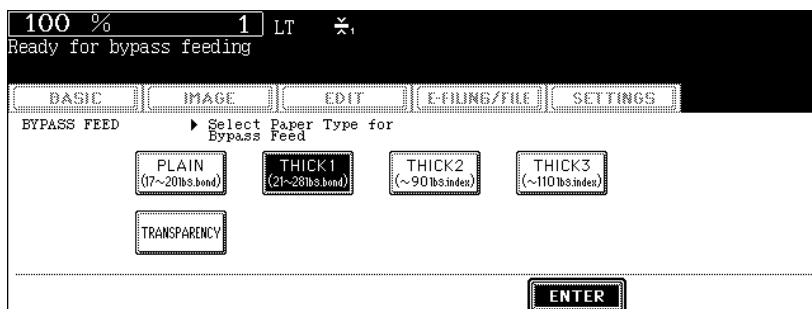


- If the paper size is not specified here, copying may be slowed down.

- 4** Press the [MEDIA TYPE] button on the touch panel if the media type of the paper you have set on the tray is other than plain paper.



- 5** Press the button of the same media type as the one of the paper you have set on the tray, and then press the [ENTER] button on the touch panel.



- Set other copy modes as required.
- If a media type which is not same as the one you have set is selected here, this may cause a paper jam or significant image trouble.

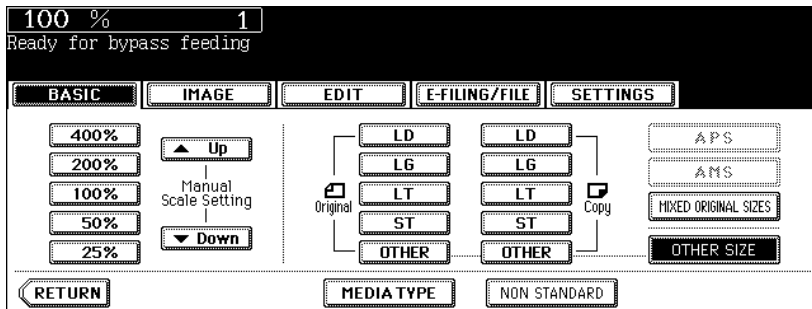
- 6** Press the [START] button on the control panel.

Tip

When you copy on OHP films, remove the copied OHP films, which have exited on to the receiving tray one by one. When the films pile up, they may become curled and may not be projected properly.

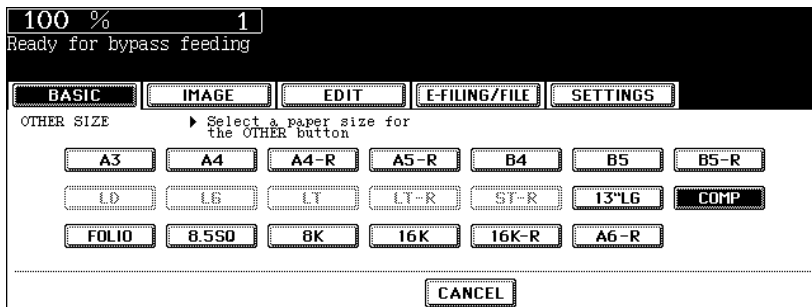
Copying on standard size paper other than LD, LT, LG and ST-R

- 1 Place paper and original(s) by following step 1 and 2 in “Copying on LD, LT, LG and ST-R size paper” (📖 P.76).
- 2 Press the [OTHER SIZE] button on the touch panel.

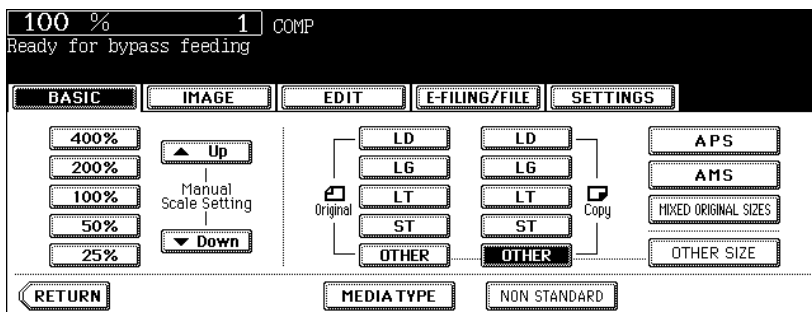


- 3 Press the button of the same size as the one of the paper you have set on the tray.

e.g.) When COMP-size paper is set

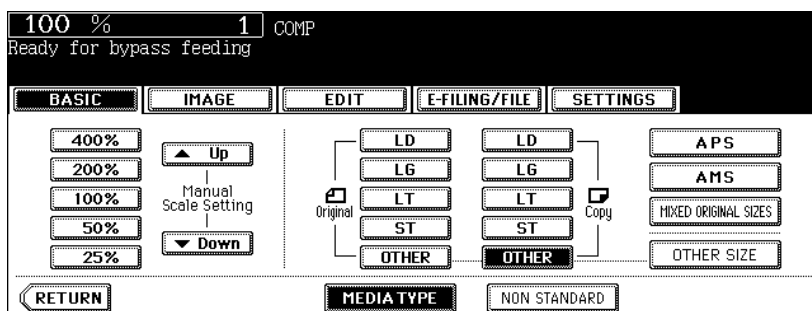


- 4 Press the [OTHER] button for the media type.



- If the paper size is not specified here, copying may be slowed down.

- 5** Press the [MEDIA TYPE] button on the touch panel if the media type of the paper you have set on the tray is other than plain paper.



- 6** Press the button of the same media type as the one of the paper you have set on the tray, and then press the [ENTER] button on the touch panel.

e.g.) When Thick 1 paper is set



- Set other copy modes as required.
- If a media type which is not same as the one you have set is selected here, this may cause a paper jam or significant image trouble.

- 7** Press the [START] button on the control panel.

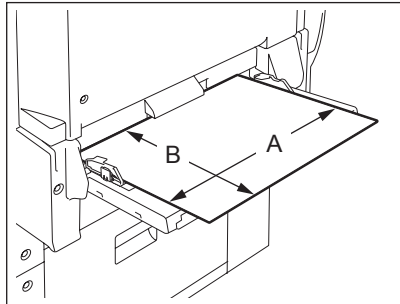
Tip

When you copy on OHP films, remove the copied OHP films, which have exited on to the receiving tray one by one. When the films pile up, they may become curled and may not be projected properly.

Bypass copying on non-standard size paper

Non-standard size paper should be within the following ranges:
A (Length): 3.9" to 11.7", B (Width): 5.8" to 17"

2

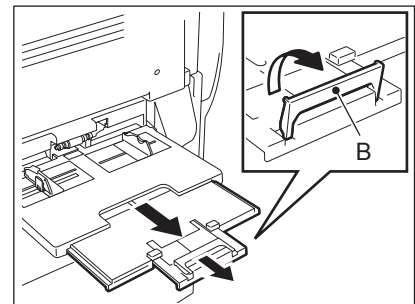
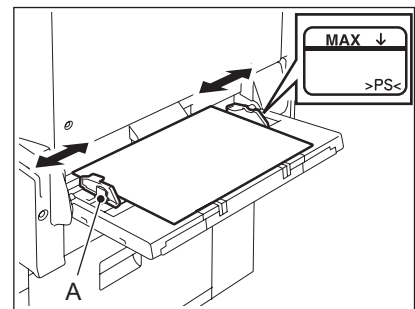


1 Place some sheets of paper with their copy side down on the bypass tray. Align the side guides to the paper length while holding A.

- The message "Ready for bypass feeding" appears.
- Rear side of the side guides of the bypass tray has an indicator for paper height. The height of the sheets must not exceed this indicator.
- When you use more than one sheet, fan the sheets well before setting them on the tray.
- Do not push the sheets into the entrance of the bypass feeder; it may cause a paper jam.

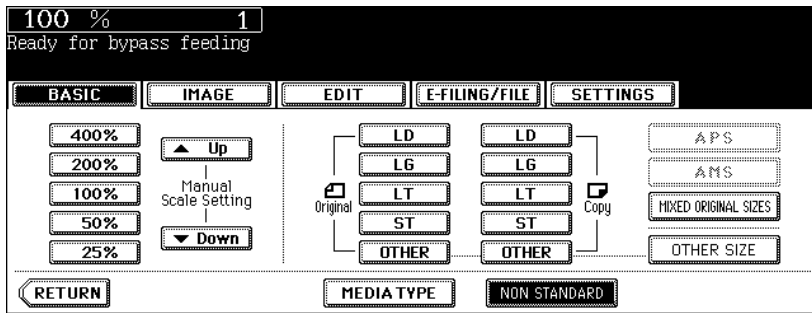
Tip

When the paper size is larger, draw out the three-stage paper holder. Raise B when you use LD or a larger size of paper.



2 Place the original on the original glass.

3 Press the [NON STANDARD] button on the touch panel.



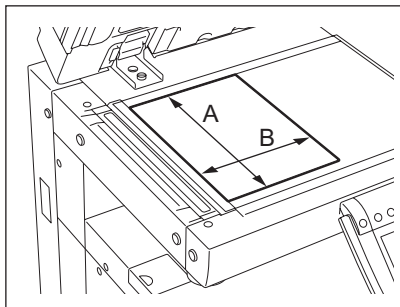
2

4 Set each dimension following the procedure below.

The [Length] and [Width] are indicated as follows:

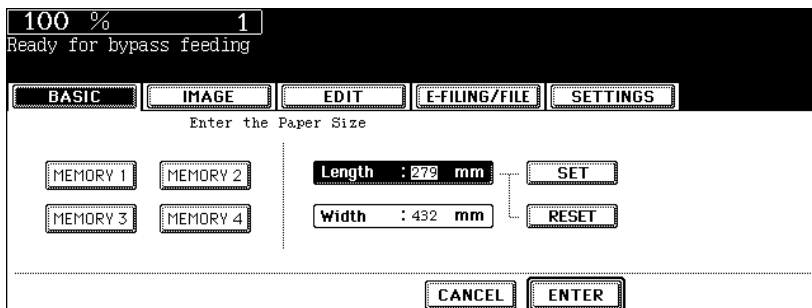
A: [Length]

B: [Width]



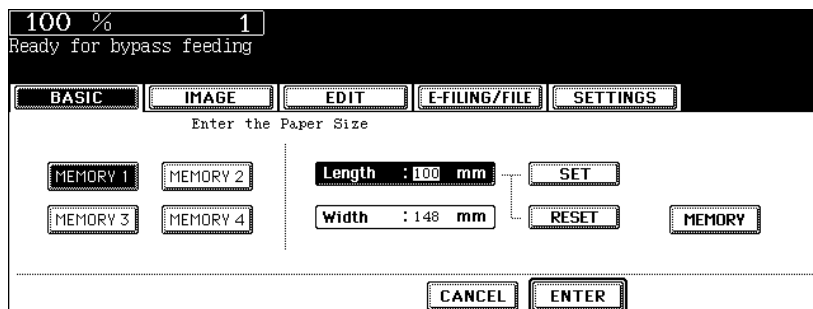
Using the digital keys

Key in the value in [Length] and press the [SET] button on the touch panel. Set the width in the same way and press the [ENTER] button.



Recalling dimensions registered in the memory

Press the desired memory number button from [MEMORY 1] to [MEMORY 4] to recall the dimension data registered previously, and then press the [ENTER] button.

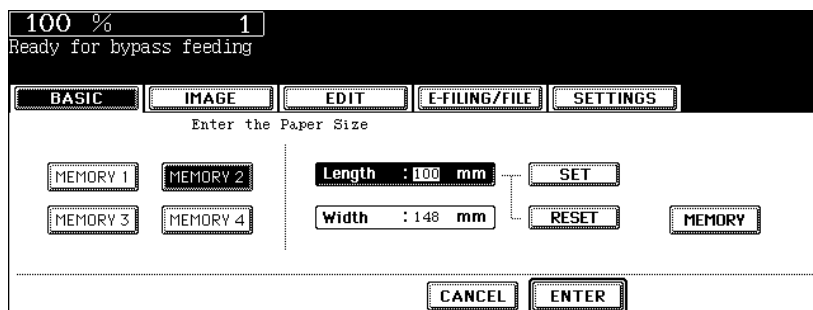


- Paper size that can be set is as follows:
Length: 100 mm (3.94") to 297 mm (11.69")
Width: 148 mm (5.83") to 432 mm (17.01")
- To register the dimension data in the memory, see P.82 "Registering non-standard size in the memory".
- Set other copy modes as required.

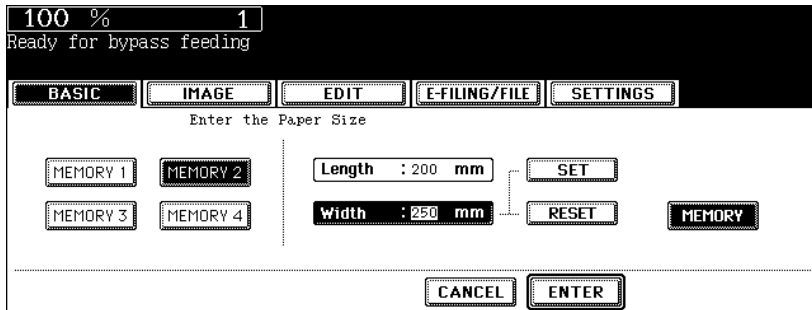
5 Press the [START] button on the control panel.**Registering non-standard size in the memory**

1 Follow steps 1 to 3 on "Bypass copying on non-standard size paper" (P.80).

2 Press the memory number button (from [MEMORY 1] to [MEMORY 4]) you want to register the dimension.



3 Key in each dimension, and press the [MEMORY] button on the touch panel.



- Key in its length in [Length] and press the [SET] button on the touch panel. Set its width in the same manner.
- Paper size that can be set is as follows:
Length: 100 mm (3.94") to 297 mm (11.69")
Width: 148 mm (5.83") to 432 mm (17.01")

4. Proof Copy

This function allows you to check that the copy density, zoom and margin width, etc. are properly set by making only one set of copies.

You can prevent miscopying by using this function before committing yourself to mass-copying.

2

Tips

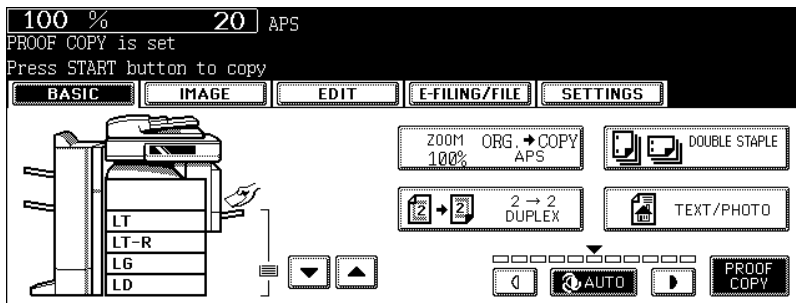
- The setting of the number of copy sets, page number, time stamp, sort/stapling (when the optional Finisher has been installed) and hole punch (when the optional Hole Punch Unit has been installed) can be changed after having made the proof copy.
- Press the [MEMORY CLEAR] button to clear the proof copy before changing the setting of the zoom or copy density, etc. When you make copies again after changing the settings, the data of the originals need to be scanned.

1 Place paper in the drawer(s).

2 Place the proof original(s).

3 Select the copy modes as required.

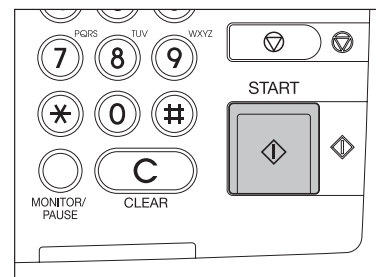
4 Press the [PROOF COPY] button.



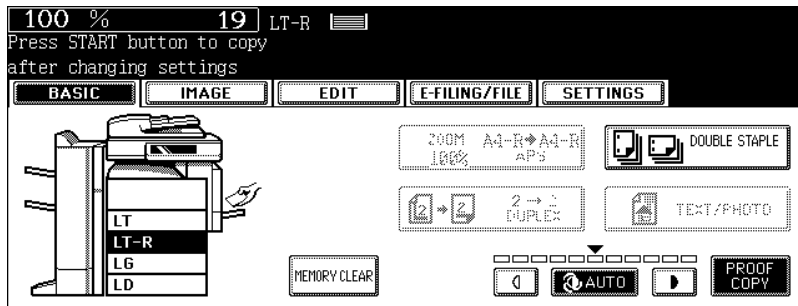
- “PROOF COPY is set Press START button to copy” appears (for approx. 2 sec.).
- If “NON-SORT/NON-STAPLE” or “GROUP” is set as the finishing mode, the setting will be changed to “SORT” automatically.

5 Press the [START] button.

- The data scanning of the originals is started and one set of copies is made.



6 Change the settings as required.



- The setting of the number of copy sets, page number, time stamp, sort/stapling (when the optional Finisher has been installed) and hole punch (when the optional Hole Punch Unit has been installed) can be changed.
- If you want to change the setting of the copy density, original mode, zoom or simplex/duplex, press the [MEMORY CLEAR] button to clear the proof copy. After the change, perform the instructions from step 1 again.

7 Press the [START] button.

- If the number of copy sets is not changed in step 6, one less than the previously specified number is copied. However, if "1" is specified for the number of copy sets, one set of copies is made.

2

3. SETTING OF BASIC COPY MODES

- 1. Paper Selection 88
 - Automatic Paper Selection (APS) 88
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 - Type of finishing mode 99
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 - Hole punch mode (optional) 111
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1. Paper Selection

Automatic Paper Selection (APS)

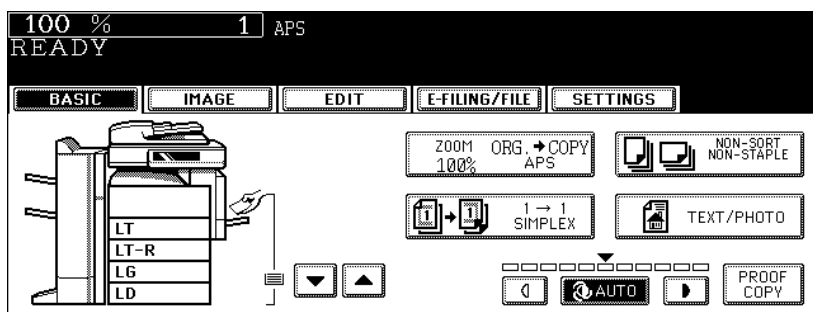
When you place standard size originals on the original glass or the Reversing Automatic Document Feeder (optional), the size of the originals is automatically detected, which helps the equipment select paper that is the same size as the originals.

- The automatic paper selection may not work correctly depending on the type of the originals. In that case, select the paper size manually. (P.90 “Manual paper selection”)
- For original sizes available for automatic paper selection, see P.60 “Acceptable originals”.

3 1 Place paper in the drawer(s).

2 Place the original(s).

3 Confirm that automatic paper selection has been selected on the basic menu. (“APS” is displayed at the top of the screen as shown below.)



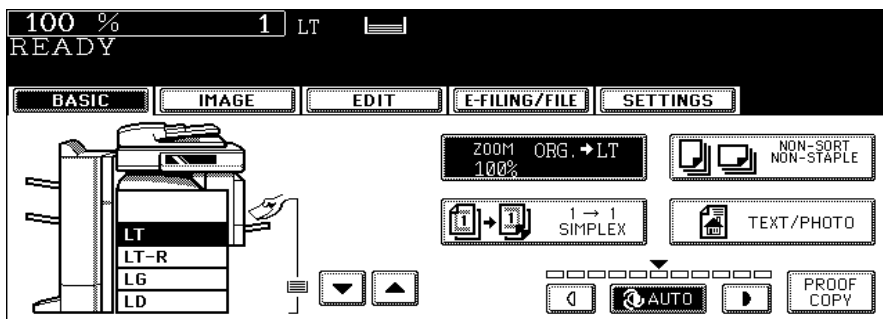
- Automatic paper selection is selected by default at the installation of the equipment.
- If “Change direction of original” or “CHANGE DRAWER TO CORRECT PAPER SIZE” appears, perform the action accordingly.
- Set other copy modes as required.

Tip

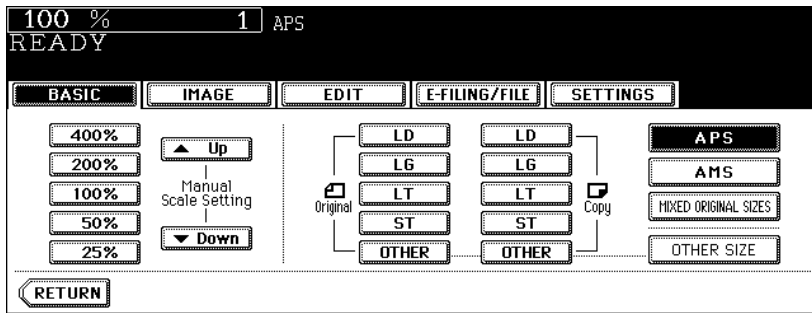
Even if the direction of the paper set in the selected drawer differs from that of the original, the equipment rotates the data of the original by 90 degrees to make copies as long as their sizes are the same. (This works on LT paper only.) For example, when an LT original is set in a portrait direction and LT-R paper is placed in the drawer, the data of LT original will be rotated and copied correctly on LT-R paper.

When automatic paper selection is not selected

(1) Press the Enlargement/Reduction ([ZOOM...]) button.



(2) Press the [APS] button.



4 Press the [START] button.

Manual paper selection

Automatic paper selection cannot be selected for the following originals because their sizes are not detected correctly. Select the paper size manually for these originals.

- Highly transparent originals (e.g. OHP film, tracing paper)
- Wholly dark originals or originals with dark borders
- Non-standard size originals (e.g. newspapers, magazines)

Tip

3

When the desired size of paper is not set in any of the drawers, place this size of paper in the selected drawer or place the paper on the bypass tray manually.

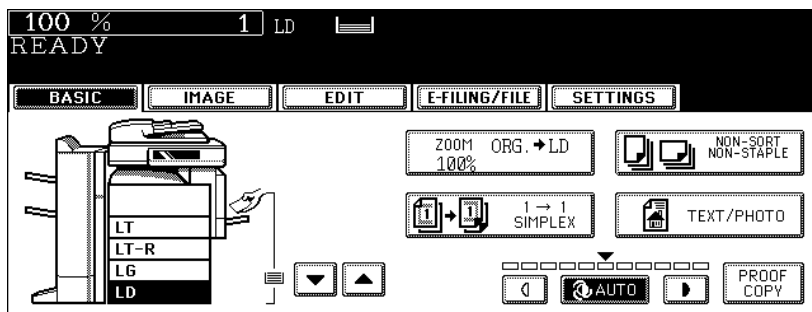
(P.50 "Placing paper in the drawer", P.75 "3.Bypass Copying")

1 Place paper in the drawer(s).

- When using the bypass tray, be sure to specify the paper size.

2 Place the original(s).

3 Press the drawer button representing the desired paper size on the touch panel.



- You can use the paper source selection (/) buttons to select the desired drawer.
- Set other copy modes as required.

4 Press the [START] button.

Copying mixed-size originals in one go (mixed original size)

You can copy a set of originals whose sizes are individually different, using the Reversing Automatic Document Feeder (optional), by pressing the [MIXED ORIGINAL SIZE] button.

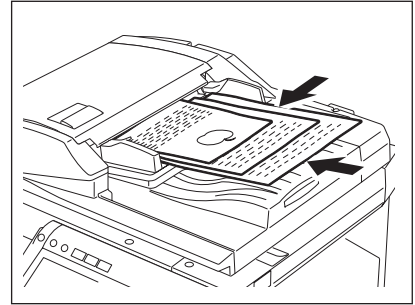
- This mixed original size setting is available only in the following combinations.
LD, LG, LT, LT-R, 8.5", SQ, COMP
- Note that the copied image may be dislocated depending on the combination.

1 Place paper in the drawer(s).

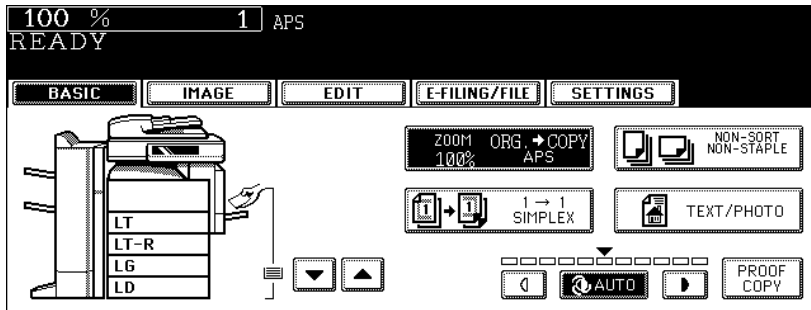
- Bypass copying is not available.

2 Adjust the side guides to the widest original, and then align the original against the guide at the front side.

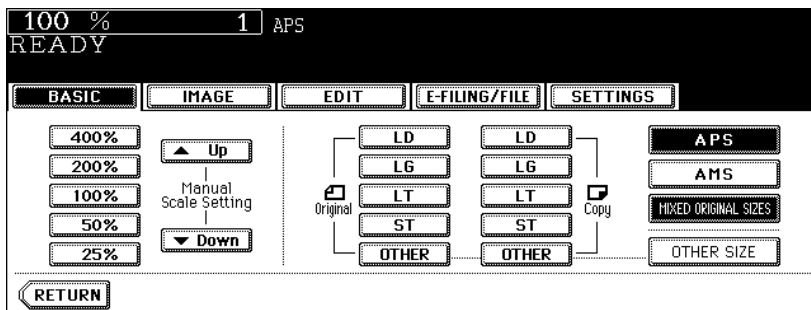
- Place the originals face up.



3 Press the Enlargement/Reduction ([ZOOM...]) button to enter the setting menu of the original or paper size.



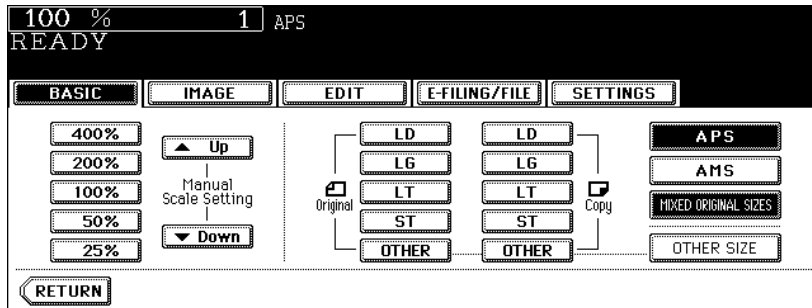
4 Press the [MIXED ORIGINAL SIZES] button.



5 Select either automatic paper selection (APS) or automatic magnification selection (AMS).

Automatic paper selection: Copies on the same size of paper as that of originals (P.88).

Automatic magnification selection: Copies all in one size (P.93).



- Before you use automatic paper selection, be sure that all paper sizes corresponding to the original sizes have been set in the drawers.
- In automatic magnification selection, the copies cannot be enlarged from LT (portrait) to LD (landscape)/LG (landscape).
- If "Change direction of original" appears when [AMS] is used with [MIXED ORIGINAL SIZES], change the direction according to the message.
- Set other copy modes as required.

6 Press the [START] button.

2. Enlargement and Reduction Copying

You can enlarge or reduce the size of copies by means of the following procedures.

- Specifying the copy paper size in advance so that the equipment will detect the original size and automatically select the most appropriate reproduction ratio for the copy paper size (= automatic magnification selection)
- Specifying both original size and copy paper size separately
- Using the zoom buttons or the one-touch zoom buttons

Tip


The enlargement/reduction ratio available differs depending on whether the originals have been set on the original glass or on the Reversing Automatic Document Feeder (optional).

On the original glass: 25 to 400%

On the Reversing Automatic Document Feeder: 25 to 200%

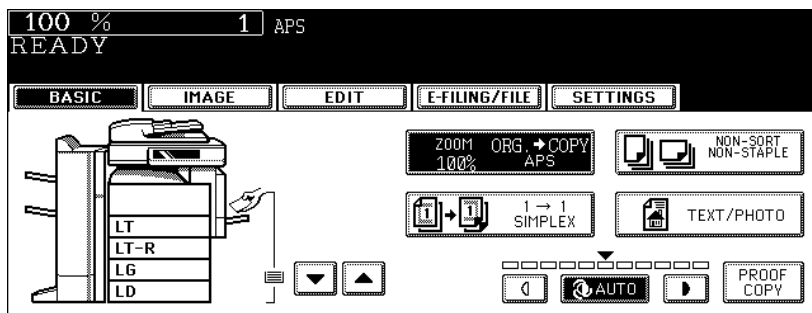
3

Automatic Magnification Selection (AMS)

- The automatic magnification selection cannot be selected for the following originals. Set their reproduction ratios in other ways.
 - Highly transparent originals (e.g. OHP film, tracing paper)
 - Wholly dark originals or originals with dark borders
 - Non-standard size originals (e.g. newspapers, magazines)
- For the original sizes available for this automatic magnification selection, see  P.60 “Acceptable originals”.

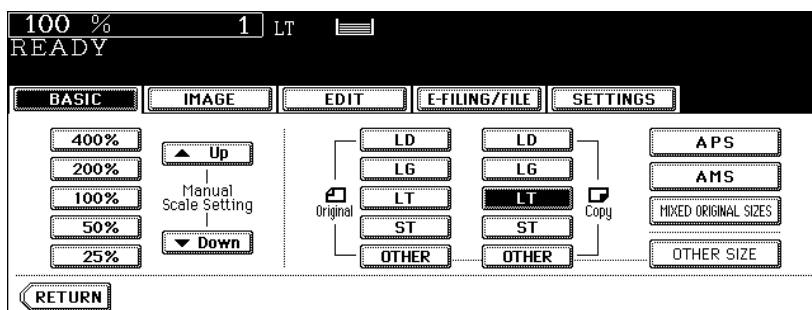
1 Place paper in the drawer(s).

2 Press the Enlargement/Reduction ([ZOOM...]) button.



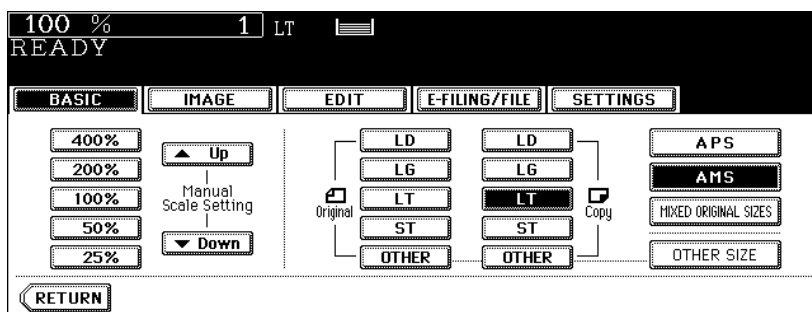
3 Press the button representing the desired copy paper size.

e.g.) When LT-size paper is selected



- The copy paper size can also be set by pressing the drawer button on the touch panel.

4 Press the [AMS] button.



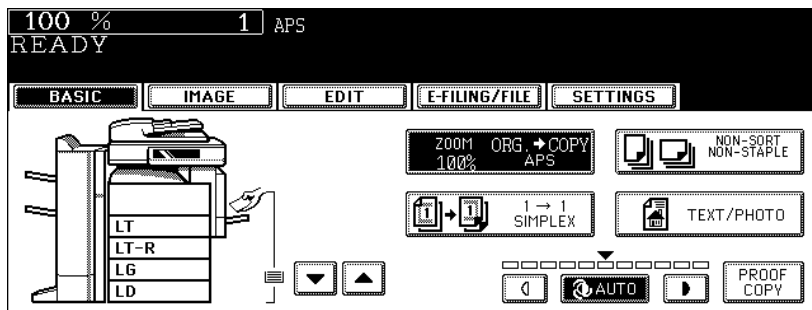
5 Place the original(s).

- If "Change direction of original" appears, make the change accordingly.
- Set other copy modes as required.

6 Press the [START] button.

Specifying both original size and copy size separately

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Press the Enlargement/Reduction ([ZOOM...]) button.

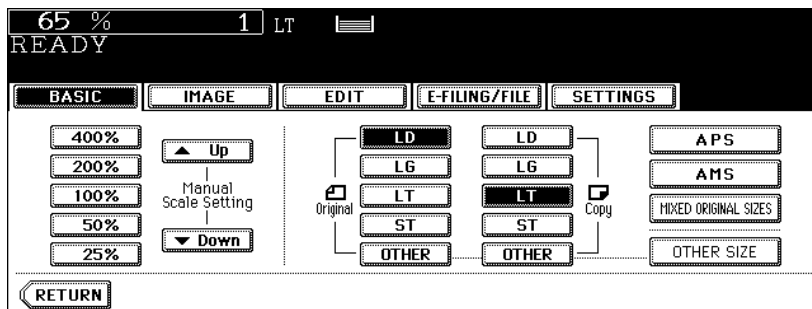


4 Specify the original size and copy paper size.

Original size: Press the size button representing the same size as that of the set original.

Copy paper size: Press the size button representing the desired copy paper size.

e.g.) When LD for the original size and LT for the copy paper size are selected



- The copy paper size can also be set by pressing the drawer button on the touch panel.
- When the original size and copy paper size have been specified, the enlargement/reduction ratio is computed and displayed on the touch panel.
- Set other copy modes as required.

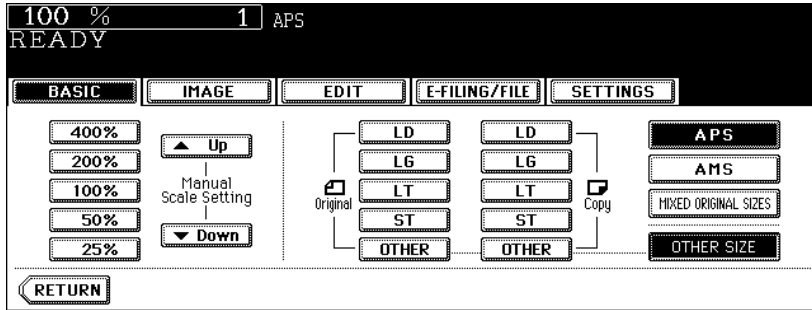
Tip

When the original or copy paper is a standard size other than LD, LG, LT or ST, you need to register this paper size in the selections of the [OTHER] button in advance. See "When a standard size paper other than LD, LG, LT and ST-R is set" on page 90 for procedure.

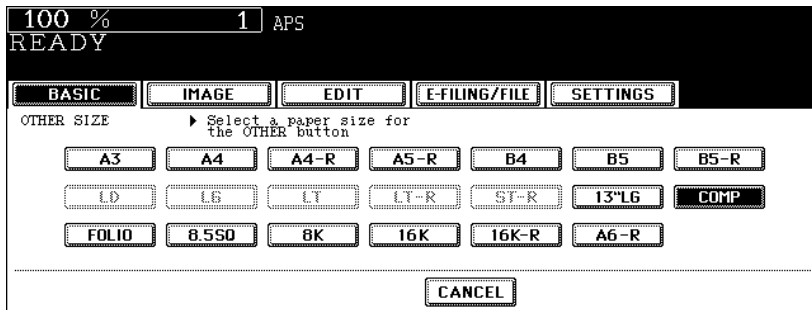
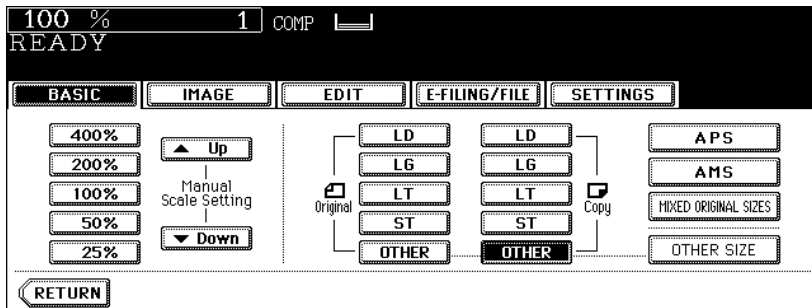
5 Press the [START] button.

When a standard size paper other than LD, LG, LT and ST-R is set

Register the size of the placed paper to the [OTHER] button with the following procedure. The registered paper size is automatically selected when the [OTHER] button is pressed.

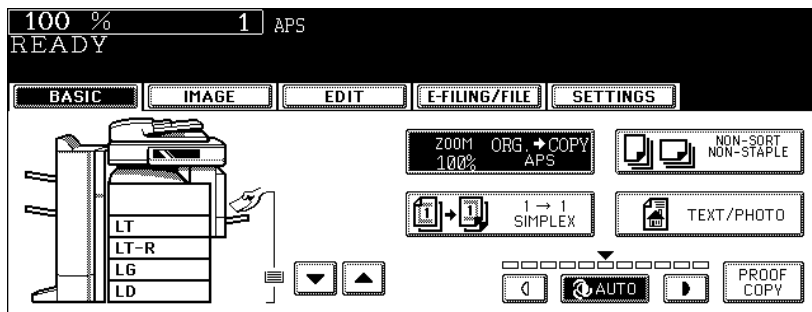
1 Press the [OTHER SIZE] button.**2 Press the paper size button corresponding to the paper that has been set.**

e.g.) When COMP-size paper is set

**3 Press the [OTHER] button.**

Using the zoom buttons or the one-touch zoom buttons

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Press the Enlargement/Reduction ([ZOOM...]) button.



4 Press the following buttons to set the desired reproduction ratio.

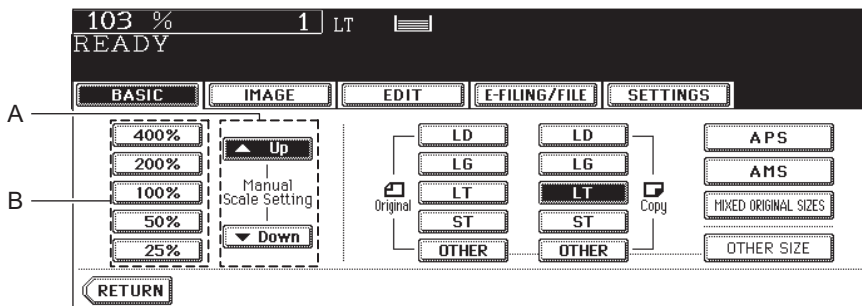
A: Zoom ([▲ Up] and [▼ Down]) buttons

The reproduction ratio changes by 1% every time it is pressed. When you hold down either of them, the ratio goes up or down automatically.

B: One-touch zoom buttons

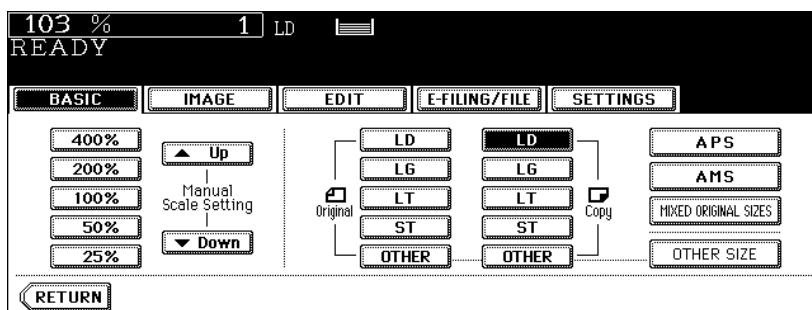
You can select the ratio from [400%], [200%], [100%], [50%] and [25%].

- The maximum ratio when the Reversing Automatic Document Feeder (optional) is used is 200%.



5 Press the button representing the desired copy paper size.

e.g.) When LD-size paper is selected



- The copy paper size can also be set by pressing the drawer button on the touch panel.
- Set other copy modes as required.

6 Press the [START] button.

3. Selecting Finishing Modes

Type of finishing mode

The available finishing modes differ depending on the type of finishing device installed (MJ-1024, MJ-1023, MJ-1022, MJ-6004, MJ-1101 or MJ-6101). Check the available finishing modes with the table below.

Yes: Available
No: Not available

Finishing device	Type of finishing mode							
	Sort/ Group	Rotate sort	Staple sort	Maga- zine sort	Maga- zine sort & Saddle stitch	Saddle stitch	Hole punch	Man- ual sta- ple
MJ-1024 + MJ-6004	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
MJ-1024	Yes	Yes	Yes	Yes	Yes	Yes	No	No
MJ-1023 + MJ-6004	Yes	Yes	Yes	Yes	No	No	Yes	No
MJ-1023	Yes	Yes	Yes	Yes	No	No	No	No
MJ-1022	Yes	Yes	Yes	Yes	No	No	No	No
MJ-1101 + MJ-6101	Yes	Yes	Yes	Yes	No	No	Yes	Yes
MJ-1101	Yes	Yes	Yes	Yes	No	No	No	Yes
No finishing device	Yes	Yes	No	Yes	No	No	No	No

MJ-1024: Saddle Stitch Finisher

MJ-1023: Finisher (Type A)

MJ-1022: Hanging Finisher (for e-STUDIO352 only)

MJ-6004: Hole Punch Unit

MJ-1101: Finisher (Type B)

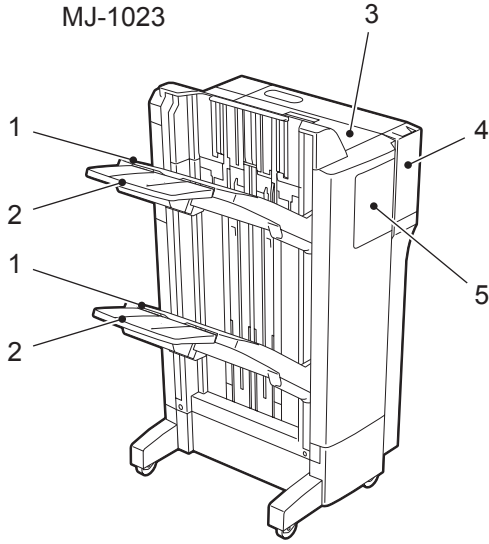
MJ-6101: Hole Punch Unit (for MJ-1101 only)

Name of each part in the Finisher (optional)

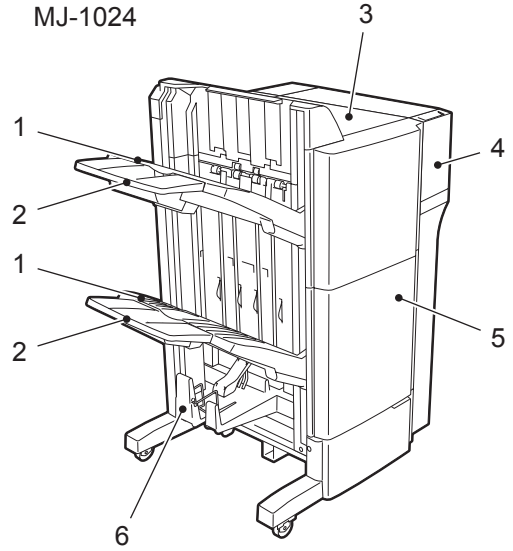
1. Tray
2. Sub-tray
3. Upper cover
4. Hole Punch Unit (MJ-6004)
5. Front cover
6. Saddle stitch tray
7. Fixed tray

3

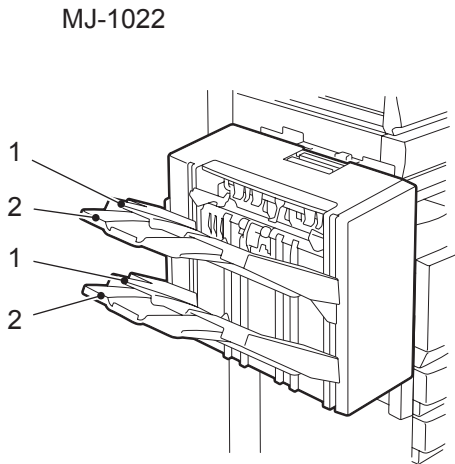
MJ-1023



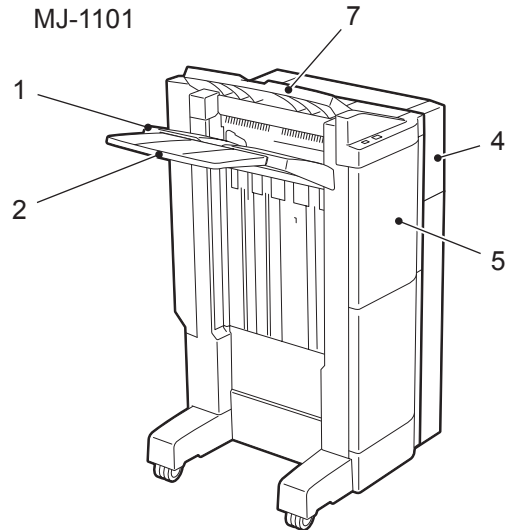
MJ-1024



MJ-1022



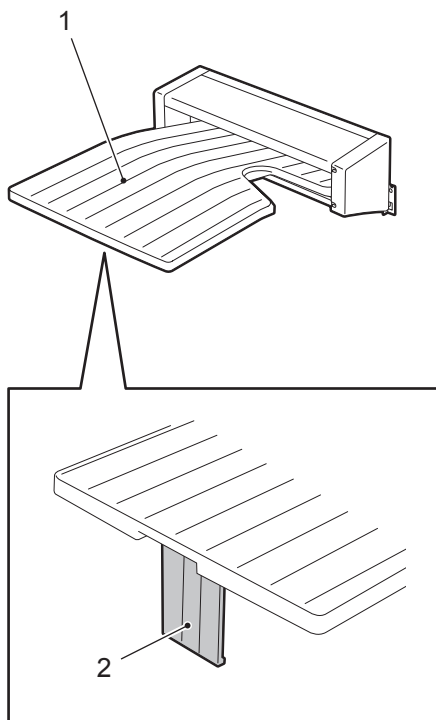
MJ-1101



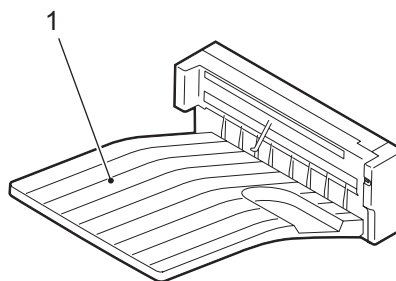
Name of each Inner Finisher (optional)

1. Trays
2. Paper stopper

MJ-5004



MJ-5005

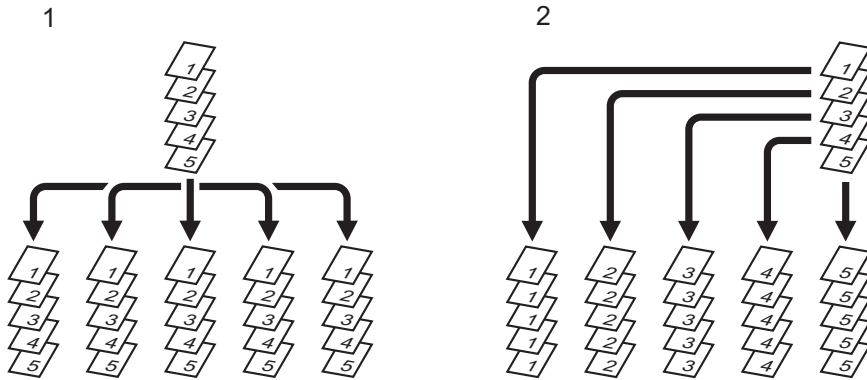


Sort/Group copying

To make multiple copies, select the sort mode or the group mode as required.

(Example of making 5 sets of copies from 5 original sheets)

1. Sort copying
2. Group copying



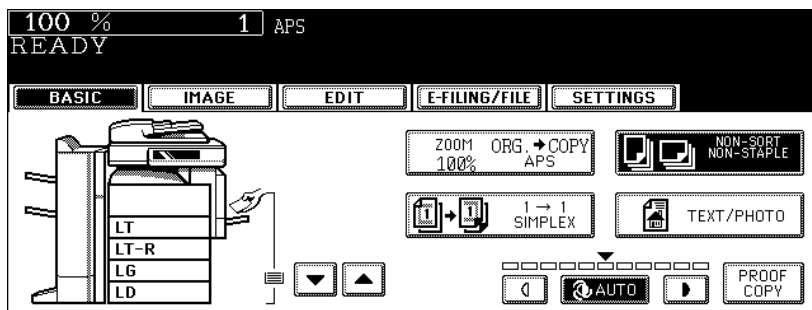
Tip

When you use the LD or LG size copy paper, pull out the sub-tray in advance. The copied paper may fall or may not be sorted properly without the sub-tray.

1 Place paper in the drawer(s).

2 Place the original(s).

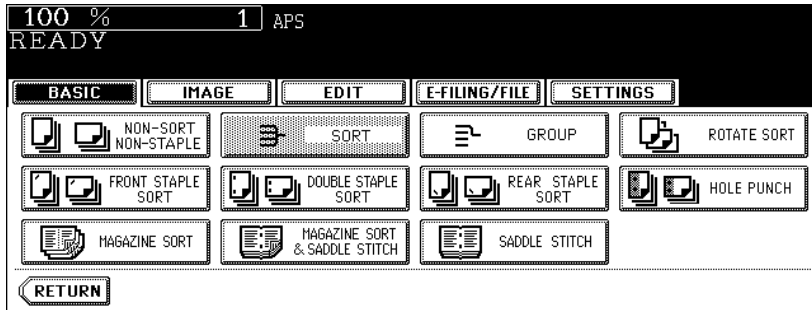
3 Press the finisher button on the basic menu.



Tip

When the original is placed in the Reversing Automatic Document Feeder (optional), the sort mode is automatically selected.

4 Press the [SORT] (or [GROUP]) button.



- Set other copy modes as required.

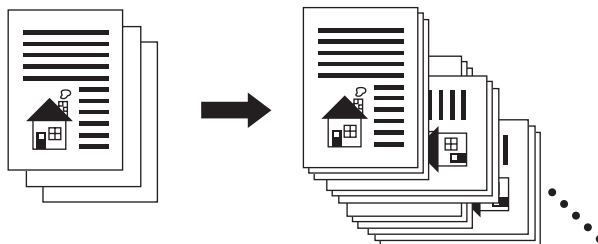
5 Press the [START] button.

Rotate sort mode

In the rotate sort mode, one set of copies is made to exit on another set of copies, being alternated length-wise or crosswise.

The available paper sizes for this mode is LT/LT-R. Set the LT/LT-R size paper in the drawers or on the bypass tray in advance.

- This mode cannot be used with automatic paper selection.



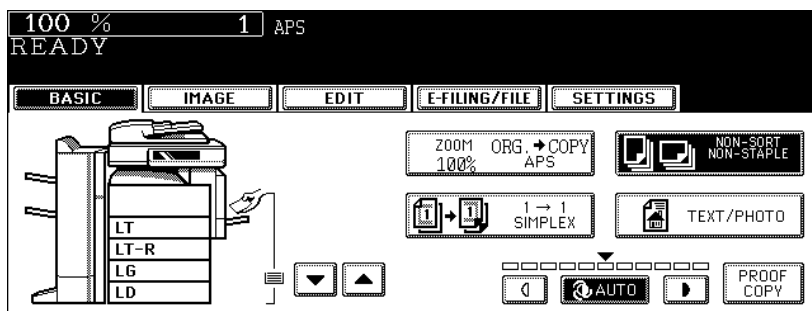
Tip

The rotate sort destination is the inner tray.

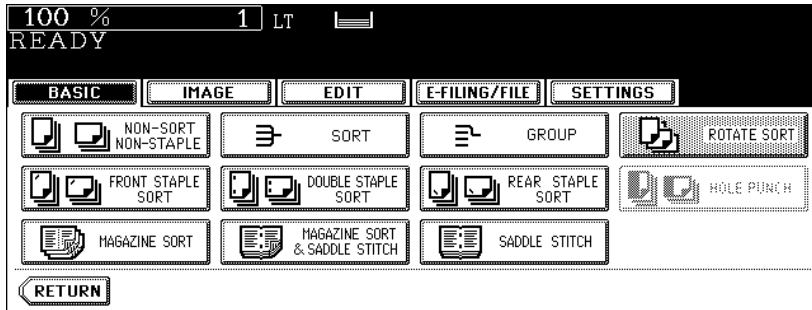
1 Place paper in the drawer(s).

2 Place the original(s).

3 Press the finisher button on the basic menu.



4 Press the [ROTATE SORT] button.



- Set other copy modes as required.

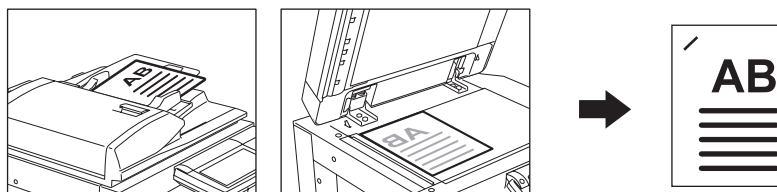
5 Press the [START] button.

Staple sort mode

When the Finisher (optional) is installed, automatic stapling is enabled. You can select the stapling position from three types.

- The paper quantity and weight applicable for this mode differ depending on the Finisher installed in this equipment. See P.107 "Maximum number of sheets for stapling".
- Special paper such as OHP films or sticker label cannot be used for stapling.
- Only copies of the same width can be stapled. (e.g. LT and LD or LT-R and LG)

(Example of selecting the [FRONT STAPLE SORT] button)

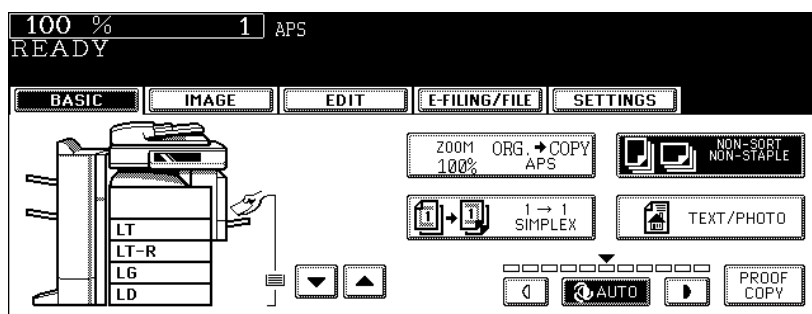


1 Place paper in the drawer(s).

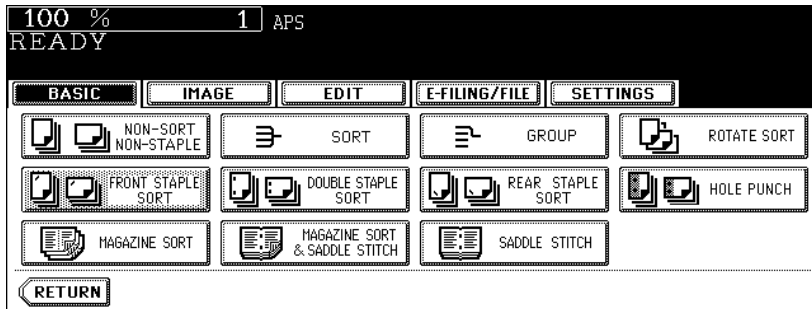
- When using this mode in bypass copying, specify the paper size in advance. (P.75 "3.Bypass Copying")

2 Place the original(s).

3 Press the finisher button on the basic menu.



4 Press the [FRONT STAPLE SORT] (or [DOUBLE STAPLE SORT] or [REAR STAPLE SORT]) button.



- For the Hanging Finisher (MJ-1022), only the [FRONT STAPLE SORT] button can be selected.
- Set other copy modes as required.

5 Press the [START] button.

Tip

If the paper quantity exceeds the maximum number of sheets that can be stapled, the Finisher automatically enters the sort mode.

Maximum number of sheets for stapling

- For the tray loading capacity, see [P.347](#) “2.Specifications of Options”
- Two covers of 17 lb. Bond to 110 lb. Index can be added. In this case, the covers are included in the maximum number of sheets that can be stapled.

Saddle Stitch Finisher (MJ-1024)/Finisher (Type A) (MJ-1023)/Finisher (Type B) (MJ-1101)

Paper size	Paper type (weight)	Qty. *1
LT	Plain paper (17 - 20 lb. Bond)	50 sheets
	Thick 1 (21 - 28 lb. Bond)	30 sheets
LD, LG, LT-R, COMP	Plain paper (17 - 20 lb. Bond)	30 sheets
	Thick 1 (21 - 28 lb. Bond)	15 sheets

*1 Maximum number of sheets for stapling when plain paper and thick 1 are mixed is the same as that of thick 1.

Hanging Finisher (MJ-1022)

Only plain paper (17 to 20 lb. Bond) can be used.

Paper size	Qty.
LT, LT-R	30 sheets
LG	20 sheets
LD, COMP	15 sheets

Magazine sort & saddle stitch mode (booklet mode)

In the magazine sort mode, more than one original can be copied and bound like magazines or booklets. Also, a set of copied sheets can be automatically folded and stapled at its center when the Saddle Stitch Finisher (optional) is installed. The available copy paper sizes for these modes are LD, LT-R and LG.

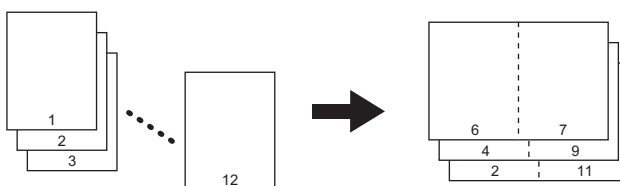
- Special paper such as OHP films or sticker label cannot be used for saddle stitching.
- The paper weight applicable for this mode is 17 to 28 lb. Bond.

Tip

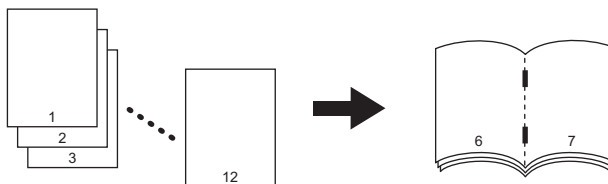
3

When placing portrait originals horizontal to you in the magazine sort mode, set the Image Direction in the edit menu. Otherwise the originals will not be copied in the proper page order. (📖 P.169 "14.IMAGE DIRECTION")

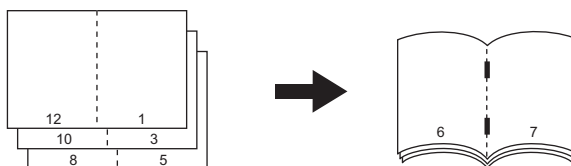
1. When [MAGAZINE SORT] is selected



2. When [MAGAZINE SORT & SADDLE STITCH] is selected




3. When [SADDLE STITCH] is selected



You can select the magazine sort mode from the edit menu, as well as from the basic menu. When this mode is selected from the edit menu, you can adjust the binding margin of the copy. To select this mode from the edit menu, see 📖 P.147 "6.MAGAZINE SORT".

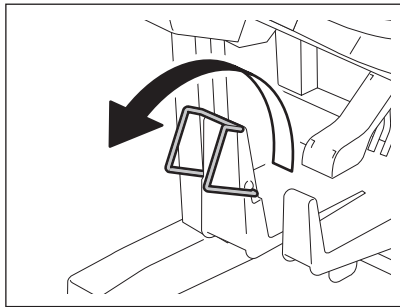
1 Place paper in the drawer(s).

2 Select the paper size.


- Available copy paper sizes are LD, LT-R and LG.
- For bypass copying, see  P.75 "3.Bypass Copying".

Tip

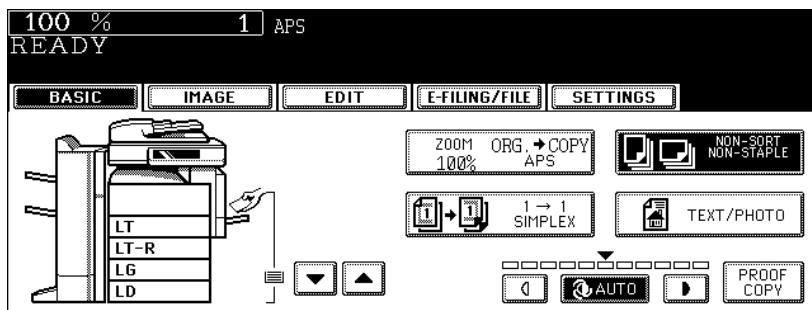
To use the saddle stitch mode for LD or LG-size paper, lift the stopper of the saddle stitch tray.



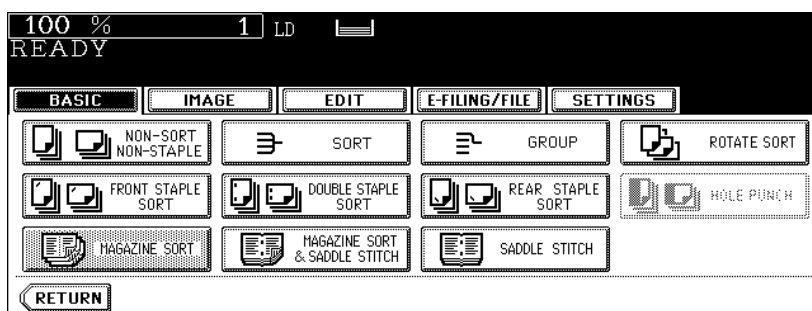
3 Place the original(s).

- When placing originals on the Reversing Automatic Document Feeder, see the illustrations ( P.108) for the proper page order of the copies.
- When placing originals on the original glass, follow the procedure below.
 - When [MAGAZINE SORT] or [MAGAZINE SORT & SADDLE STITCH] is selected: Place the first page of the originals first.
 - When [SADDLE STITCH] is selected: In case of 12-page originals, set them in the order of pages 12-1, 2-11, 10-3, 4-9, 8-5, then 6-7.

4 Press the finisher button on the basic menu.



5 Press the [MAGAZINE SORT] (or [MAGAZINE SORT & SADDLE STITCH] or [SADDLE STITCH]) button.



- The [MAGAZINE SORT & SADDLE STITCH] button and the [SADDLE STITCH] button are selectable only when the Saddle Stitch Finisher is installed.
- Set other copy modes as required.

6 Press the [START] button.

- When placing the originals on the original glass, follow the procedure in P.62 “Placing originals on the glass”.

Available conditions for saddle stitching

Available paper sizes are LD, LT-R and LG.

Paper weight	Saddle stitch tray loading capacity		
	11 - 15 sheets	6 - 10 sheets	5 sheets or less
17 lb. Bond	10 sets	20 sets	25 sets
20 lb. Bond	10 sets	20 sets	25 sets
24 lb. Bond *1	-	15 sets	25 sets
28 lb. Bond *1	-	15 sets	25 sets

*1 When the cover is added, the tray loading capacity is always 5 sets.

- One cover of 17 lb. Bond to 28 lb. Bond can be added. In this case, this cover is included in the maximum number of sheets that can have saddle stitching.
- When paper of a different weight is loaded, count the number of sheets for saddle stitching as applied to the paper with the highest weight.

Hole punch mode (optional)

When the Hole Punch Unit (optional) is installed to the finisher (optional), you can punch holes in the copies.

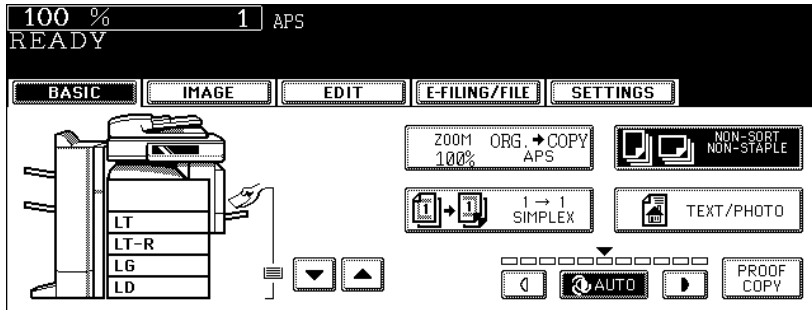
- The available copy paper sizes for this mode are LD, LG, LT, LT-R and COMP.
- The paper weight applicable for this mode is 17 lb. Bond to 110 lb. Index.
- Special paper such as OHP films or sticker label cannot be used for hole punching.

1 Place paper in the drawer(s).

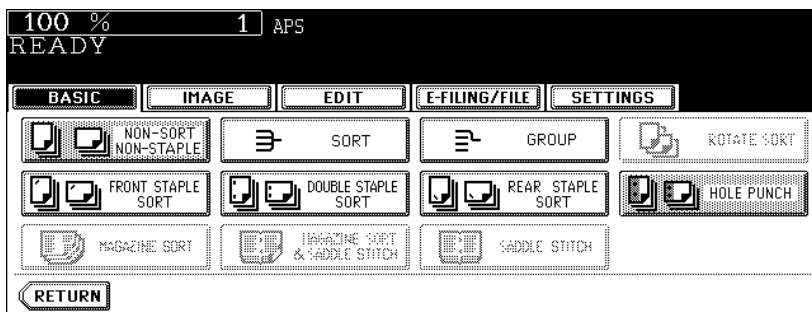
- When using this mode in bypass copying, specify the paper size in advance. (P.75 "3.Bypass Copying")

2 Place the original(s).

3 Press the finisher button on the basic menu.



4 Press the [HOLE PUNCH] button.



- Set other copy modes as required.

5 Press the [START] button.

Number of punch holes and available paper sizes

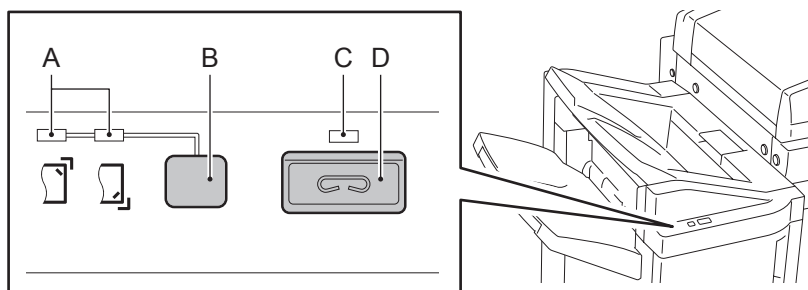
Since the number of punch holes and the distance between the holes vary depending on the country/region, purchase a hole punch unit that meets your requirements. (For details, consult your service technician.)

	Number of punch holes and hole diameter	Available paper sizes
MJ-6004E (Japan and most of Europe)	2 holes (0.26" dia.)	LD, LG, LT, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO
MJ-6004N (North America)	2/3 holes switchable (0.32" dia.)	2 holes: LG, LT-R, A4-R 3 holes: LD, LT, A3, A4
MJ-6004F (France)	4 holes (0.26" dia.; 3.15" pitch)	LD, LT, A3, A4
MJ-6004S (Sweden)	4 holes (0.26" dia.; 2.76" and 0.83" pitch)	LD, LG, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO
MJ-6101E (Japan and most of Europe)	2 holes (0.26" dia.)	LD, LG, LT, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO
MJ-6101N (North America)	2/3 holes switchable (0.32" dia.)	2 holes: LG, LT-R, A4-R 3 holes: LD, LT, A3, A4
MJ-6101F (France)	4 holes (0.26" dia.; 3.15" pitch)	LD, LT, A3, A4
MJ-6101S (Sweden)	4 holes (0.26" dia.; 2.76" and 0.83" pitch)	LD, LG, LT, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO

Manual stapling (MJ-1101 only)

The manual stapling function which enables you to use the staple function without making copies is available in the optional Finisher (Type B) (MJ-1101). This function is useful when copies are made without stapling being set or when you want to staple originals.

- A: Stapling position lamps C: Manual-stapling lamp
B: [Stapling position] button D: [Manual-stapling] button



1 Press the [Manual-stapling] button.

The shutter in the paper exit area is opened.

2 Press the [Stapling position] button to switch the stapling position.

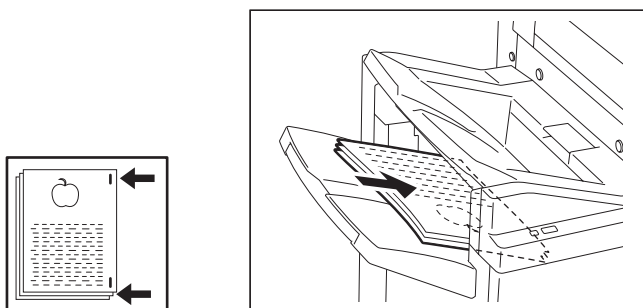
Stapling positions are the front and the other end.

The stapling position lamp corresponding to the selected stapling position lights in green.

3 Place paper in the lower tray of the finisher.

Jog the paper well and place it with its face down.

Place the paper in front to have it stapled in the front, and in the other end to have it stapled in the other end.



Tip

Check that the manual-stapling lamp lights in green. If not, place the paper again.

4 Release the paper and press the [Manual-stapling] button.

The stapling position lamp blinks when the stapling is completed. Remove the paper.

Note

Be sure to release the paper before the manual stapling.

Tips

- Operation can be continued while the manual-stapling lamp lights. If no operation is performed for approx. 15 min., the manual stapling operation is stopped.
- If you want to stop the manual stapling operation during setting, remove paper and press the [Manual-stapling] button. The shutter in the paper exit area is closed and the operation of the manual stapling is finished.

Specification

Acceptable paper size	LD, LG, LT, LT-R, COMP, 13 LG, 8.5" SQ, 8K, 16K, A3, A4, A4-R, B4, FOLIO
Maximum number of sheets for stapling	50 sheets (LT, 8.5" SQ, 16K, A4: 17 - 20 lb. Bond) 30 sheets (LD, LG, LT-R, COMP, 13 LG, 8K, A3, A4-R, B4, FOLIO: 17 - 20 lb. Bond) 30 sheets (LT, 8.5" SQ, 16K, A4: 21 - 28 lb. Bond) 15 sheets (LD, LG, LT-R, COMP, 13 LG, 8K, A3, A4-R, B4, FOLIO: 21 - 28 lb. Bond)
Stapling position	Front, Rear

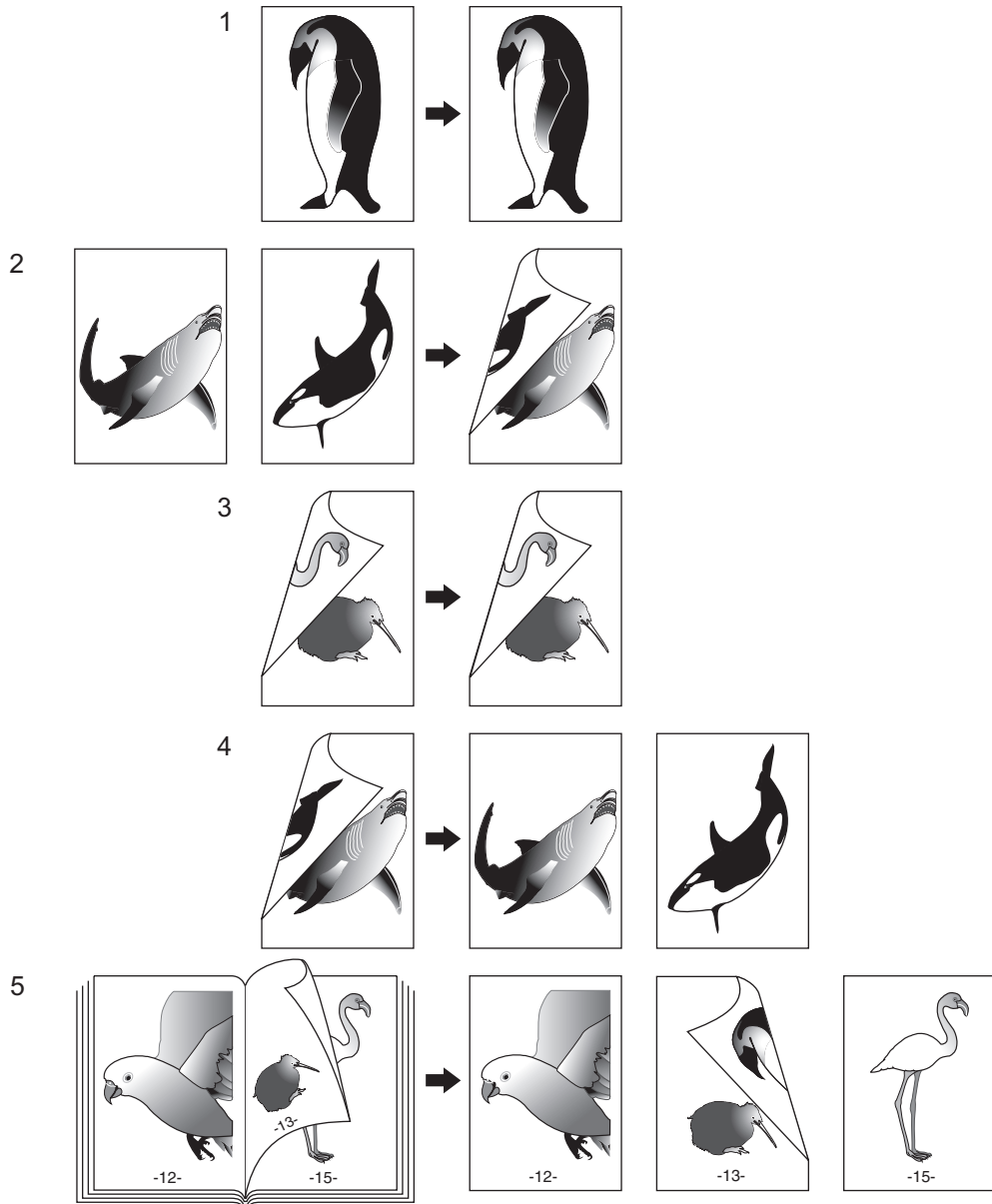
4. Duplex Copying

The following 5 combinations are available for duplex copying.

1. 1-sided original -> 1-sided copy (default setting at installation)
2. 1-sided original -> 2-sided copy
3. 2-sided original -> 2-sided copy
4. 2-sided original -> 1-sided copy
5. Book-type original -> 2-sided copy

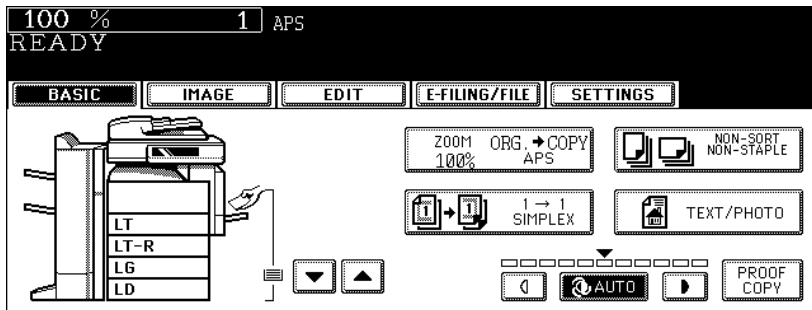
• Duplex copying is available for plain paper (17 to 20 lb. Bond) and thick 1 paper (21 to 28 lb. Bond).

3

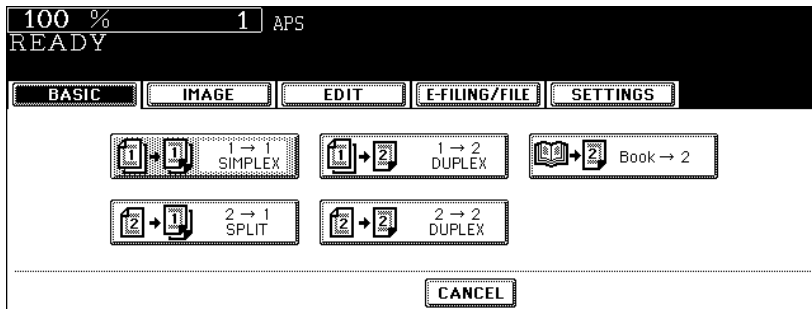


1-sided original -> 1-sided copy (default setting at installation)

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Confirm that the simplex/duplex button on the basic menu is [1 -> 1 SIMPLEX].



- If [1 -> 1 SIMPLEX] is not shown, press the simplex/duplex button to display the next menu, and then press the [1 -> 1 SIMPLEX] button on that menu.



- Set other copy modes as required.

- 4 Press the [START] button.

1-sided original -> 2-sided copy

Tip

When you copy 1-sided portrait originals to 2-sided copies placing them in a landscape direction, you can make a booklet-type copy in the direction of "open toward the left" opening, using the image direction mode in the edit menu. (P.169 "14.IMAGE DIRECTION")

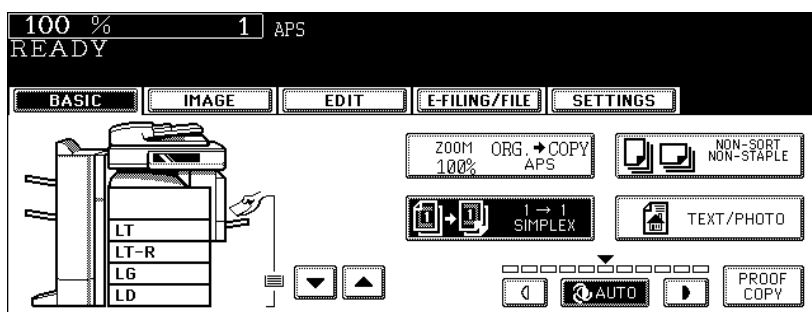
3

1 Place paper in the drawer(s).

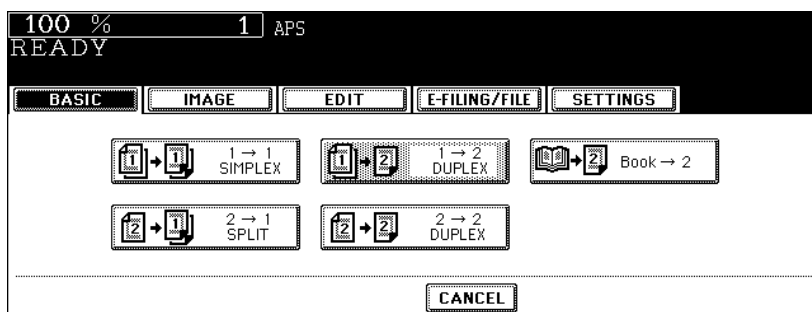
- When using this mode in bypass copying, specify the paper size in advance. (P.75 "3.Bypass Copying")

2 Place the original(s).

3 Press the simplex/duplex button on the basic menu.



4 Press the [1 -> 2 DUPLEX] button.



- Set other copy modes as required.

5 Press the [START] button.

- When placing an original on the original glass, follow steps 5 to 6 of P.69 "Placing an original on the original glass" continuously.

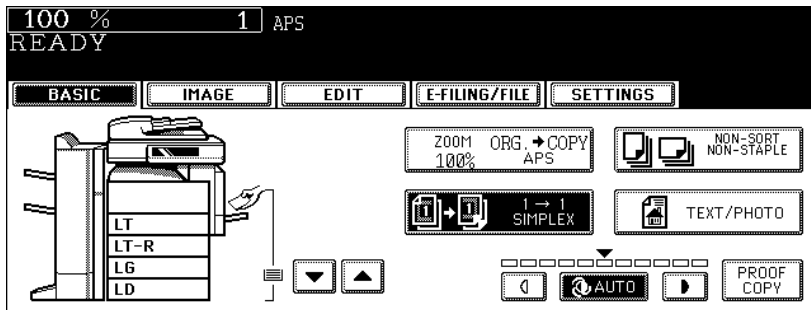
2-sided original -> 2-sided copy

1 Place paper in the drawer(s).

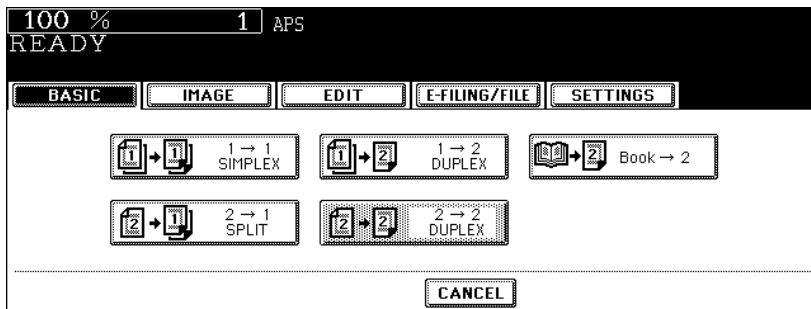
- When using this mode in bypass copying, specify the paper size in advance. (☞ P.75 “3.Bypass Copying”)

2 Place the original(s).

3 Press the simplex/duplex button on the basic menu.



4 Press the [2 -> 2 DUPLEX] button.



- Set other copy modes as required.

5 Press the [START] button.

- When placing an original on the original glass, follow steps 5 to 6 of ☞ P.69 “Placing an original on the original glass” continuously.

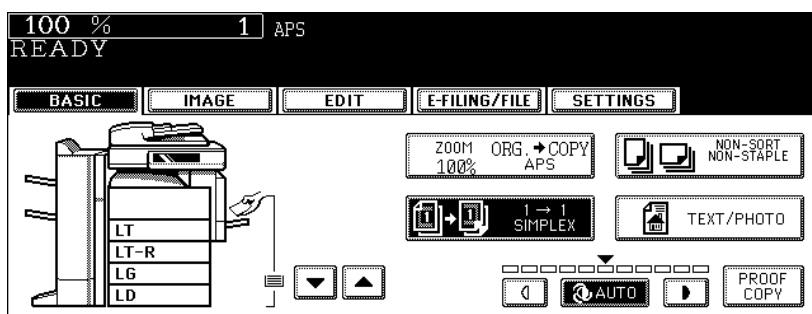
2-sided original -> 1-sided copy

Tip

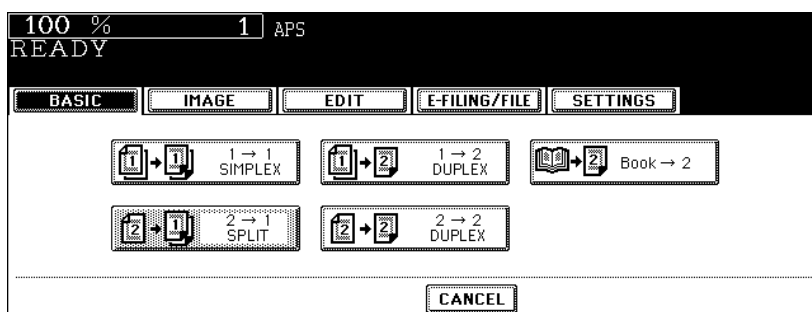
When a 2-sided 'open to left' (Book) portrait original is copied using the image direction mode in the edit menu with [2-Sided Originals to 1-Sided Copies], copies can be adjusted to the same direction. (P.169 "14.IMAGE DIRECTION")

3

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Press the simplex/duplex button on the basic menu.



- 4 Press the [2 -> 1 SPLIT] button.



- Set other copy modes as required.

- 5 Press the [START] button.

Book-type original -> 2-sided copy

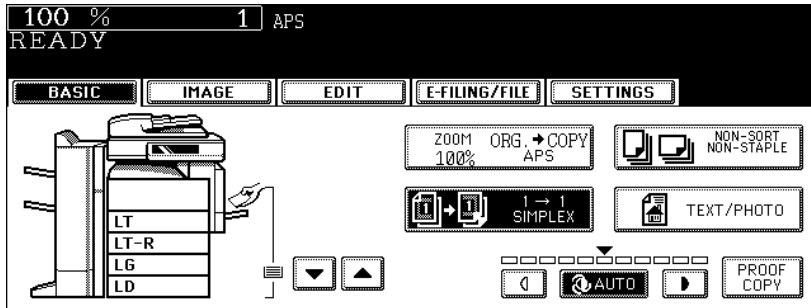
You can make a booklet-type copy in the same page configuration in which the original is.

- The acceptable paper size for this function is LT only.

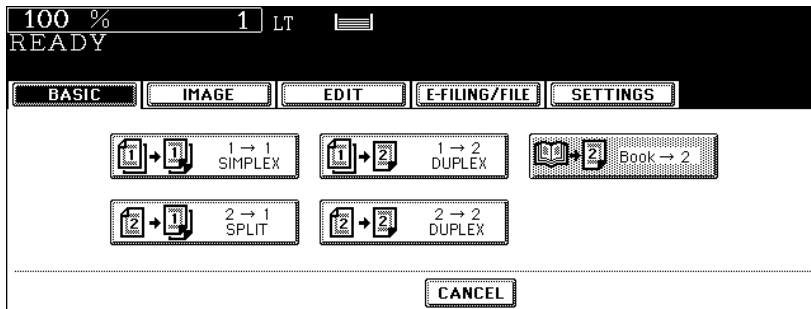
1 Place paper in the drawer(s).

- When using this mode in bypass copying, specify the paper size in advance. (P.75 "3.Bypass Copying")

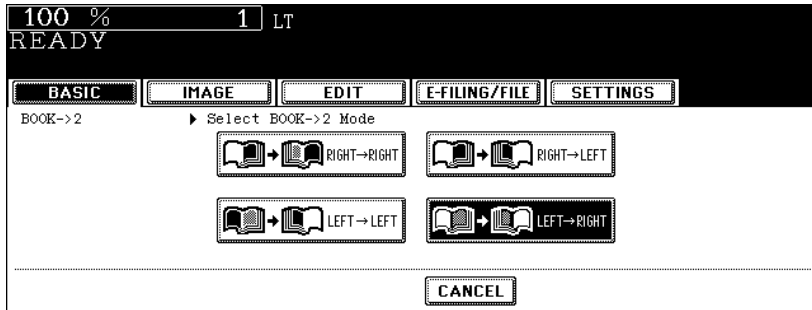
2 Press the simplex/duplex button on the basic menu.



3 Press the [BOOK -> 2] button.

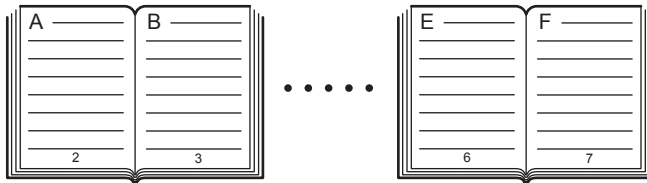


4 Select the book copying type.



- Press the [RIGHT -> RIGHT] button (= default setting at the installation) if copying should start at a right-hand page and end at a right-hand page. Other copying types are selectable by pressing any of the [RIGHT -> LEFT], [LEFT -> LEFT] and [LEFT -> RIGHT] buttons.

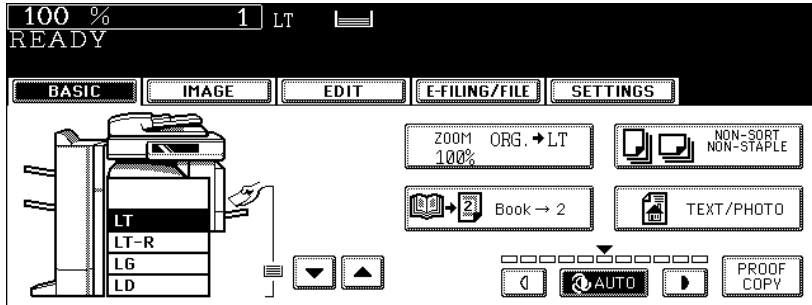
e.g.: If pages 2 to 6 of a book which opens to the left are to be copied, select [LEFT -> RIGHT].



- The yellow indicator line for booklet copying moves to the center of the original glass.

5 Select LT copy size.

- Only LT size is available. Press the drawer button on the touch panel, or use the paper source selection (▼/▲) buttons to select LT size.



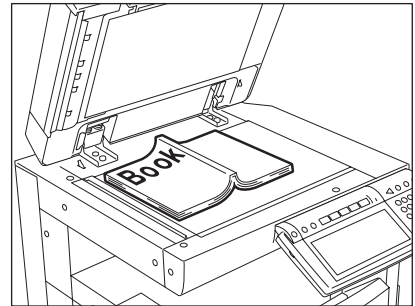
- If you need a binding space, select the book margin mode. (P.132 “1.IMAGE SHIFT”)
- Set other copy modes as required.

6 Open and place the first page(s) on the original glass.

- Center the booklet on the yellow indicator line with its bottom toward you.

Caution

Do not place heavy objects (9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could injure you.

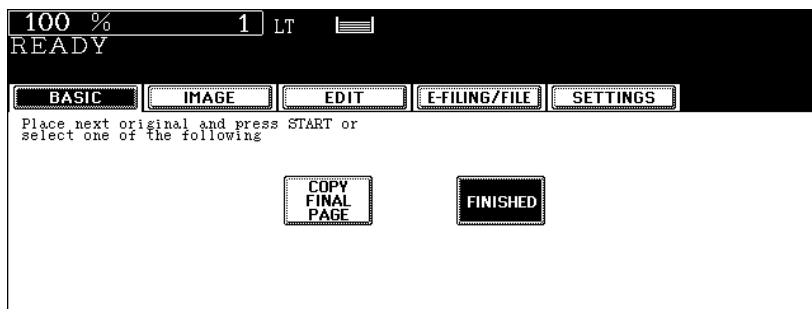


7 Press the [START] button. When the data of the opened pages have been scanned, open the next page and set the booklet on the original glass again.

- Repeat the procedures above until all the desired pages have been scanned. If the last copy is only a single page, press the [COPY FINAL PAGE] button on the touch panel before the scanning of this page is started. The scanned pages will be copied.



8 When all the pages have been scanned, press the [FINISHED] button on the touch panel.



- The scanned pages will be copied.
- For setting image shift, see P.136 "Creating a bookbinding margin".

5. Original Mode

You can make copies with optimal image quality by selecting the following modes for your original.

TEXT/PHOTO: Originals with text and photographs mixed (Default setting)

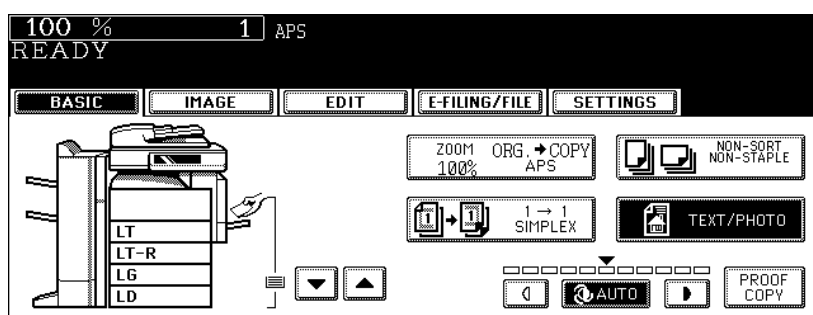
TEXT: Originals with text (or text and line art) only

PHOTO: Originals with photographs

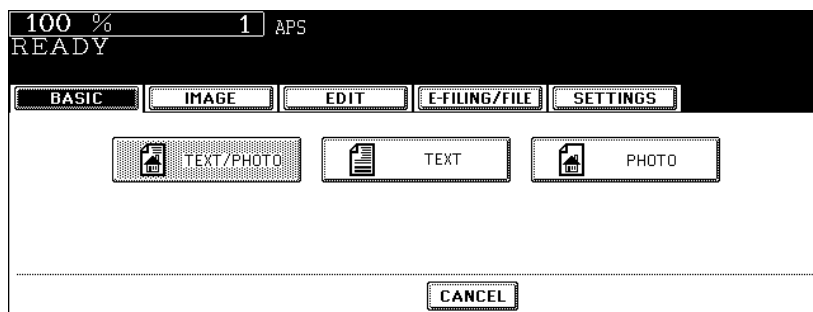
1 Place paper in the drawer(s).

2 Place the original(s).

3 Press the original mode button on the basic menu.



4 Select and press the button for the most appropriate original mode for your original.



- Set other copy modes as required.

5 Press the [START] button.

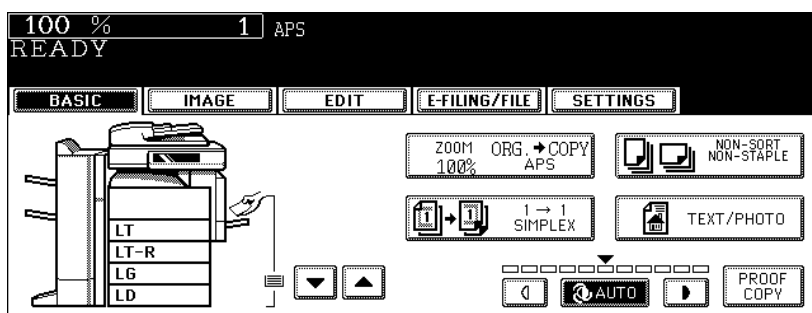
6. Copy Density Adjustment

There are 2 types of copy density adjustment: the automatic copy density mode and the manual copy density mode. In the automatic copy density mode, the equipment automatically selects the most appropriate copy density by detecting the density of the original. In the manual copy density mode, you can adjust the copy density manually according to the conditions of the original.

- Default setting: Automatic density mode

3 Automatic copy density mode

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Confirm that the [AUTO] button on the basic menu is selected. If it is not, press the button.

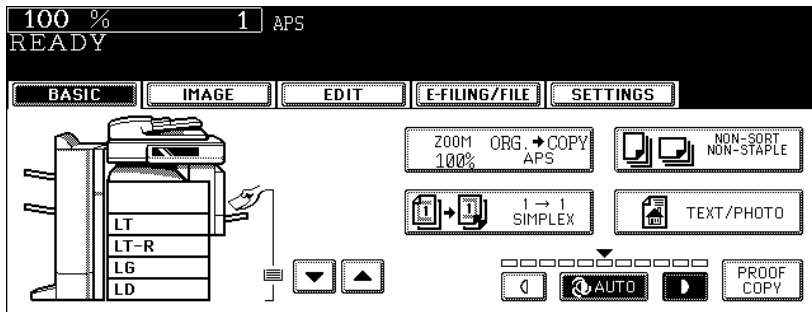


- Set other copy modes as required.

- 4 Press the [START] button.

Manual copy density mode

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Press either the ◀ or ▶ button to adjust the copy density to the desired level.



- The copied image becomes lighter as you press the ◀ button and darker as you press the ▶ button.
- Set other copy modes as required.

- 4 Press the [START] button.

4. IMAGE ADJUSTMENT

1. Background Adjustment.....	128
2. Sharpness.....	129

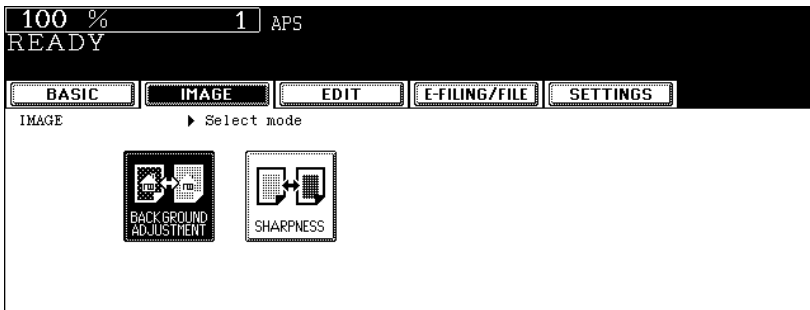
1. Background Adjustment

This function allows you to adjust the density of the original's background. It avoids the back side of 2-sided originals becoming visible on the front side of the original through the copy.

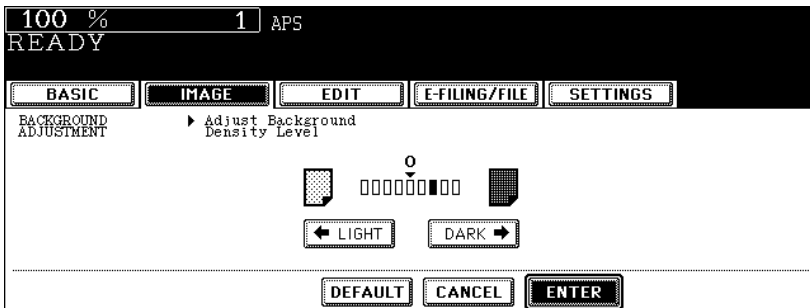
1 Place paper in the drawer(s).

2 Place the original(s).

3 Press the [IMAGE] button to enter the image menu, and then press the [BACKGROUND ADJUSTMENT] button.



4 Press the [LIGHT] (or [DARK]) button to adjust the density, and then press the [ENTER] button.



- Select other copy modes as required.

5 Press the [START] button.

Canceling the background adjustment

- Press the [DEFAULT] button and then the [ENTER] button.
- Adjust the background level to "0", and then press the [ENTER] button.

2. Sharpness

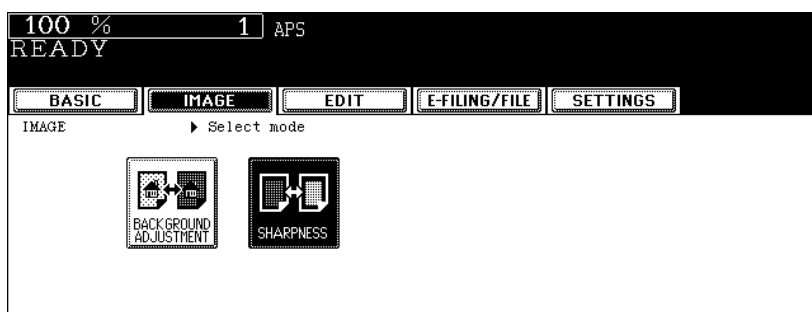
This function allows you to emphasize or blur the outline of the image. When the sharpness level is adjusted to the [SOFT] side, the moire fringes are suppressed. If it is adjusted to the [SHARP] side, the letters and fine lines become sharper.

1 Place paper in the drawer(s).

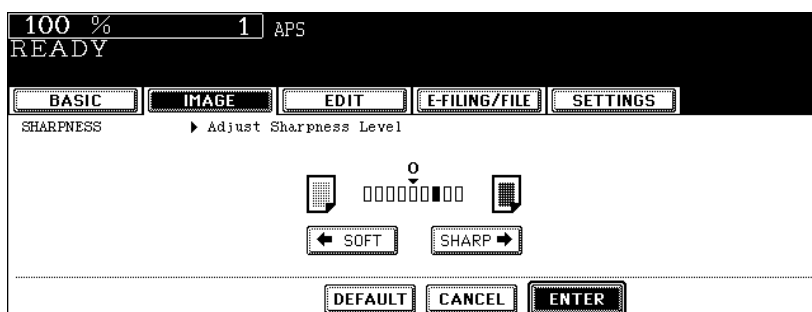
2 Place the original(s).

3 Press the [IMAGE] button to enter the image menu, and then press the [SHARPNESS] button.

4



4 Press the [SOFT] (or [SHARP]) button to adjust the sharpness, and then press the [ENTER] button.



- When the sharpness level is adjusted to the [SOFT] side, the moire fringes are suppressed. If it is adjusted to the [SHARP] side, the letters and fine lines become sharper.
- Select other copy modes as required.

5 Press the [START] button.

Canceling the sharpness adjustment

- Press the [DEFAULT] button and then the [ENTER] button.
- Adjust the sharpness level to "0", and then press the [ENTER] button.

5. USING THE EDITING FUNCTIONS

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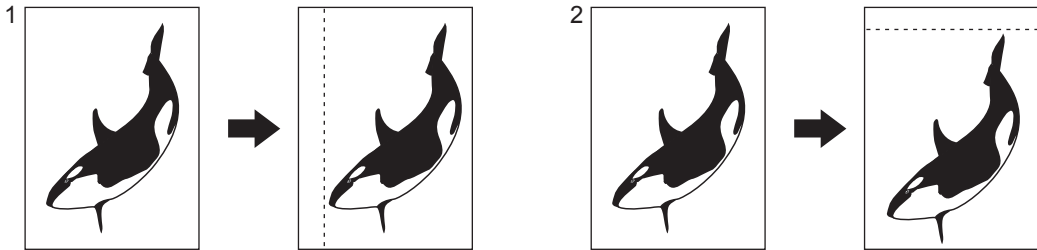
1. IMAGE SHIFT

A margin for binding can be created. The following types are available.

1. Created by shifting the original image to either the right or left side (Right or Left margin)
2. Created by shifting the original image to either the upper or lower side (Top or Bottom margin)
3. Created binding margins in the center (inner margin) (Bookbinding margin)
Select this setting when using "Book-type original -> 2-sided copy" (📖 P.119).

Tips

- The 'Top or Bottom margin' can be used in combination with the 'Right or Left margin' or the 'Bookbinding margin'.
- The margin width can be adjusted in 1 mm increments.



5

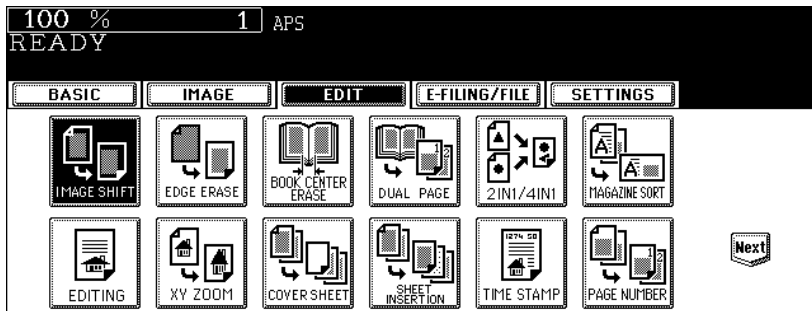
Creating a right or left margin

1 Place paper in the drawer(s).

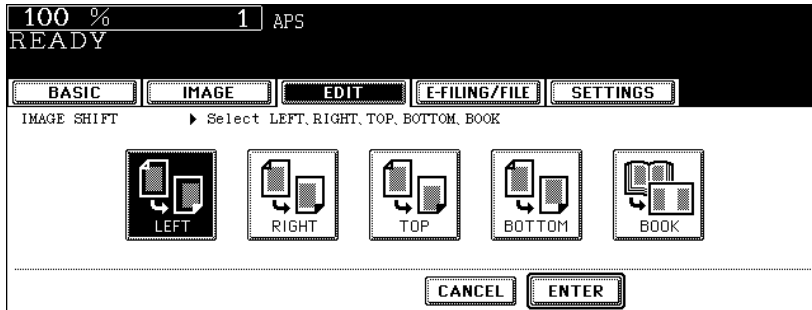
- When using this mode in bypass copying (📖 P.75), be sure to specify the paper size.

2 Place the original(s).

3 Press the [EDIT] button to enter the edit menu, and then press the [IMAGE SHIFT] button.

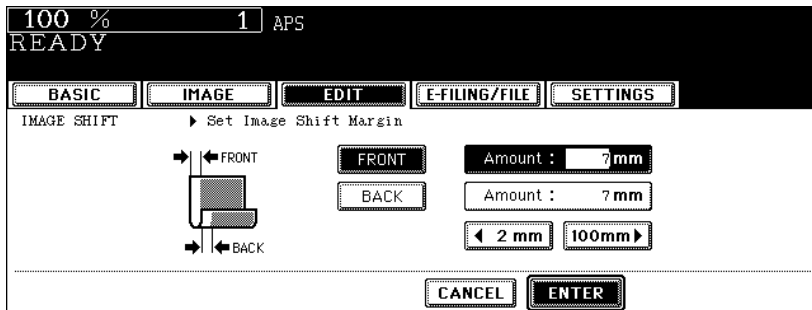


4 Press the [LEFT] (or [RIGHT]) button.



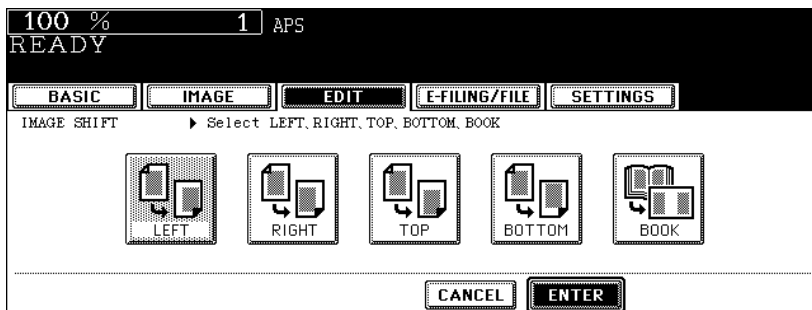
5 Adjust the margin width by pressing the [2 mm] or [100 mm] button, and then press the [ENTER] button.

5



- The default width of the margin is 7 mm (0.276").
- In duplex copying, margins on the back are created on the other side of those in the front. (P.114 "4.Duplex Copying")

6 Press the [ENTER] button.



- Select other copy modes as required.

7 Press the [START] button.

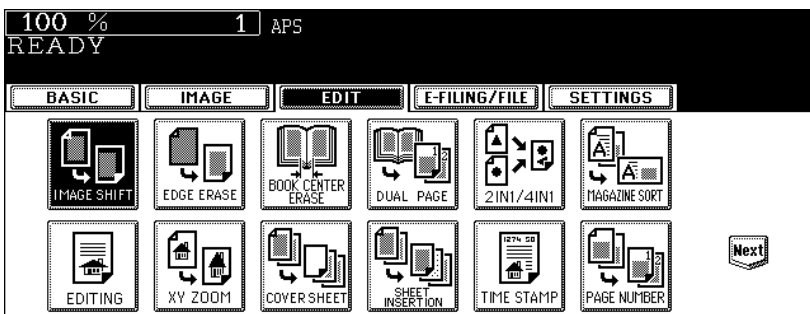
Creating a top or bottom margin

1 Place paper in the drawer(s).

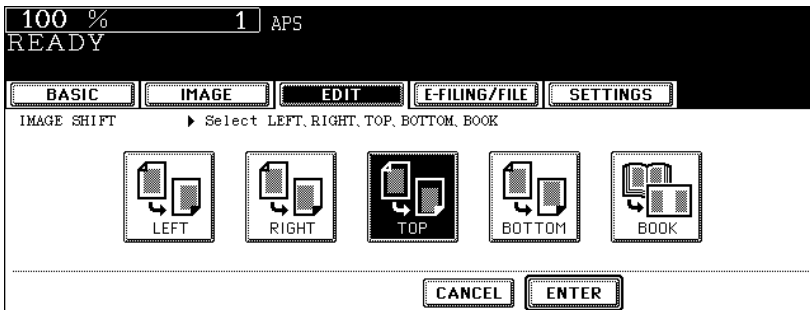
- When using this mode in bypass copying (P.75), be sure to specify the paper size.

2 Place the original(s).

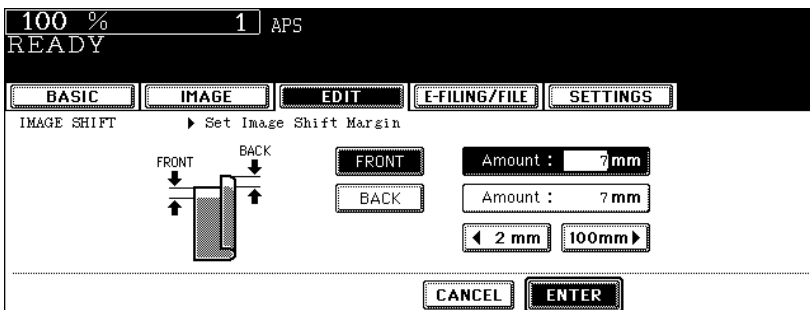
3 Press the [EDIT] button to enter the edit menu, and then press the [IMAGE SHIFT] button.



4 Press the [TOP] (or [BOTTOM]) button.

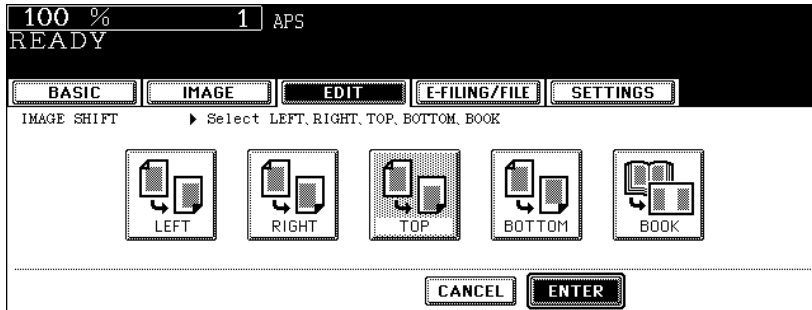


5 Adjust the margin width by pressing the [2 mm] or [100 mm] button, and then press the [ENTER] button.



- The default width of the margin is 7 mm (0.276").

6 Press the [ENTER] button.



- Select other copy modes as required.

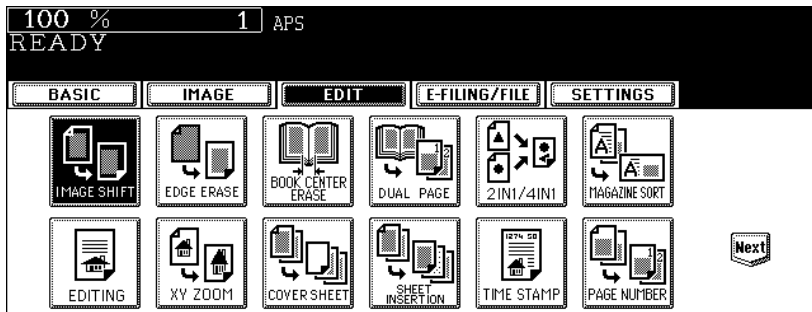
7 Press the [START] button.

Creating a bookbinding margin

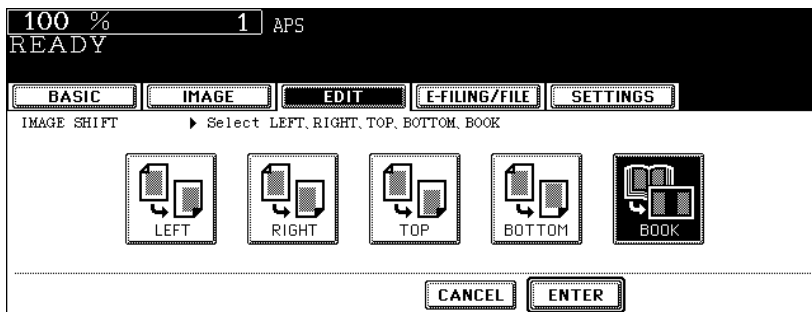
This is used when setting "Book-type original -> 2-sided copy" (📖 P.119) in duplex copying. The margin is created in the center (inner margin).

- Acceptable paper sizes for this function is LT only.

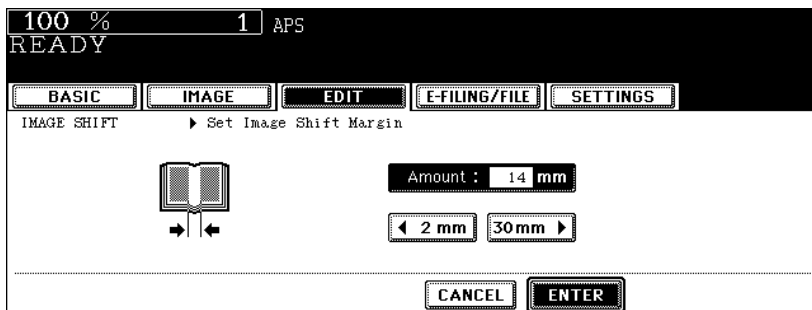
- 1 Press the [EDIT] button to enter the edit menu, and then press the [IMAGE SHIFT] button.



- 2 Press the [BOOK] button.

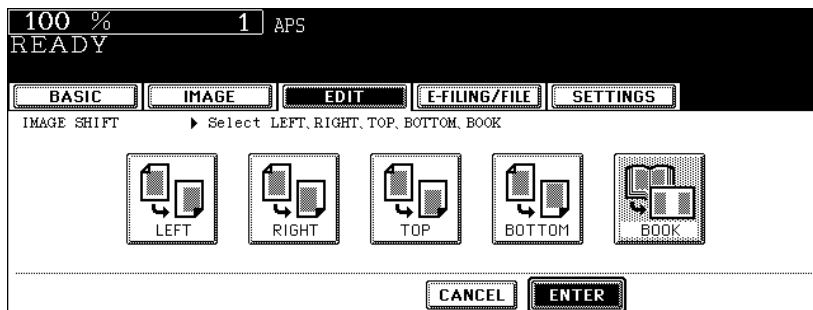


- 3 Adjust the margin width by pressing the [2 mm] or [30 mm] button, and then press the [ENTER] button.



- The default width of the margin is 14 mm (0.551").

4 Press the [ENTER] button.



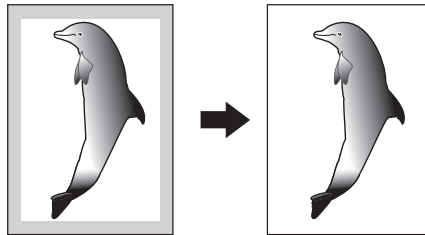
- Set "Book-type original -> 2-sided copy" (📖 P.119) in duplex copying as well.

2. EDGE ERASE

If the original has a dirty or torn edge, it may be reproduced as a black stain on the copy. In that case, set the edge erase. A white border is created along the edges of the copy, eliminating those black stains.

Tips

- This function is available only in the case of standard-size originals.
- The width of the edge erase margin can be adjusted in 1 mm increments.



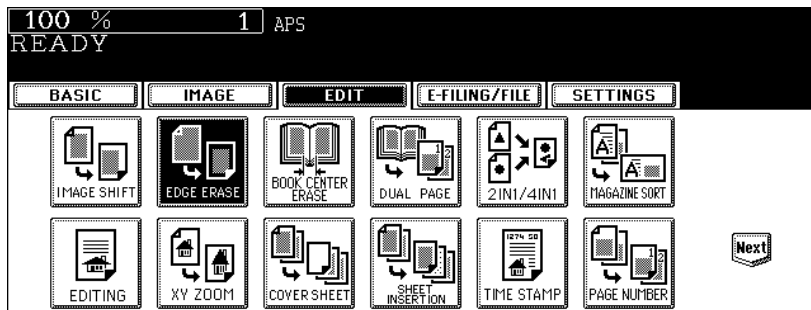
5

1 Place paper in the drawer(s).

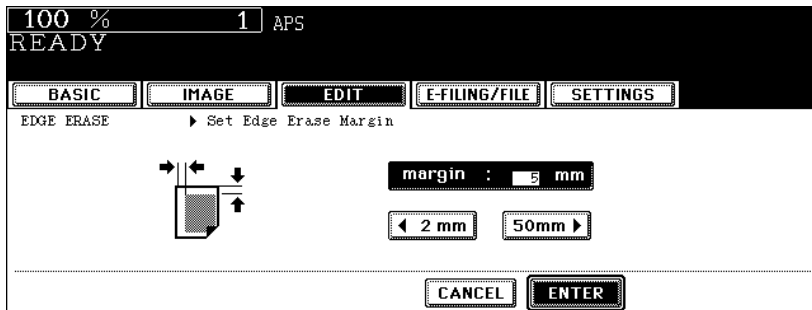
- When using this mode in bypass copying (P.75), be sure to specify the paper size.

2 Place the original(s).

3 Press the [EDIT] button to enter the edit menu, and then press the [EDGE ERASE] button.



4 Adjust the width by pressing the [2 mm] or [50 mm] button, and then press the [ENTER] button.



- The default width of the white border is 5 mm (0.197").
- Select other copy modes as required.

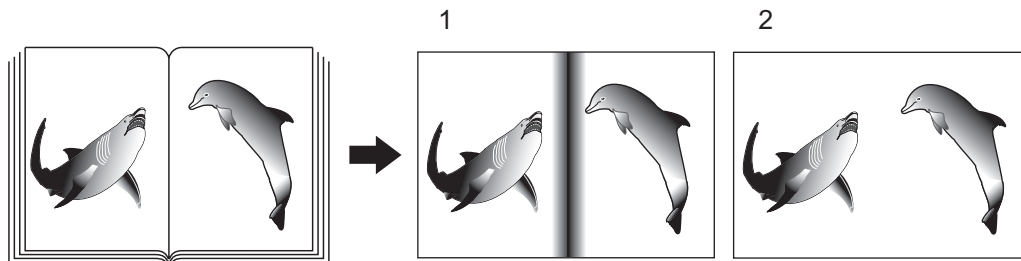
5 Press the [START] button.

3. BOOK CENTER ERASE

This function allows you to erase the shadow in the center of a book original.

1. Before book center erase is set
2. After book center erase is set

The width of the book center erase margin can be adjusted in 1 mm increments.

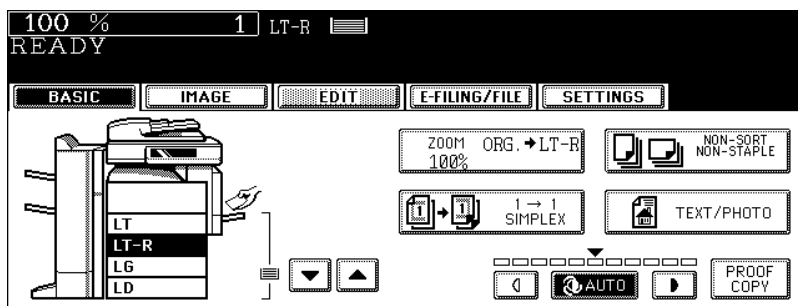


5

1 Place paper in the drawer(s).

- When using this mode in bypass copying (P.75), be sure to specify the paper size.

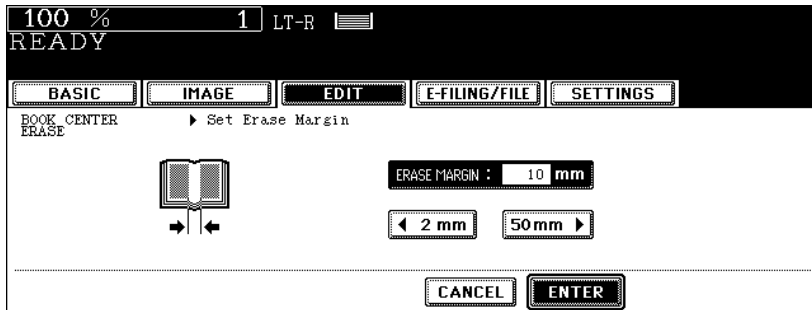
2 Press the drawer button representing the desired paper size on the touch panel.



3 Press the [EDIT] button to enter the edit menu, and then press the [BOOK CENTER ERASE] button.



4 Adjust the width by pressing the [2 mm] or [50 mm] button, and then press the [ENTER] button.



- The default width of the erase margin is 10 mm (0.393").
- Select other copy modes as required.

5 Place a book original on the original glass.

- Align its center with the yellow guide line near the center of the original glass.

Caution

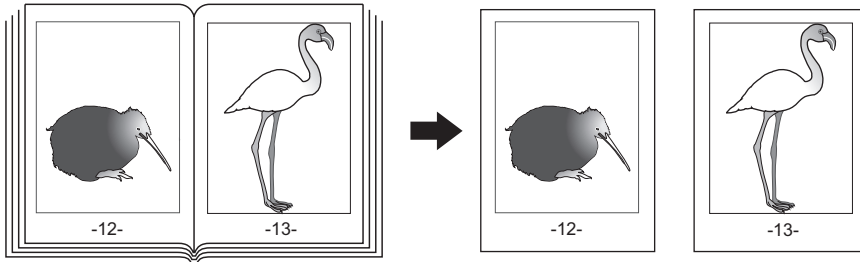
Do not place heavy objects (9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could injure you.

6 Press the [START] button.

4. DUAL PAGE

This function allows the facing pages of a book or magazine to be copied page by page onto 2 separate sheets of paper or duplex-copied on one sheet. It is not necessary to move the original on the glass. You can also place a pair of LT sized originals side by side and copy them on separate sheets of paper.

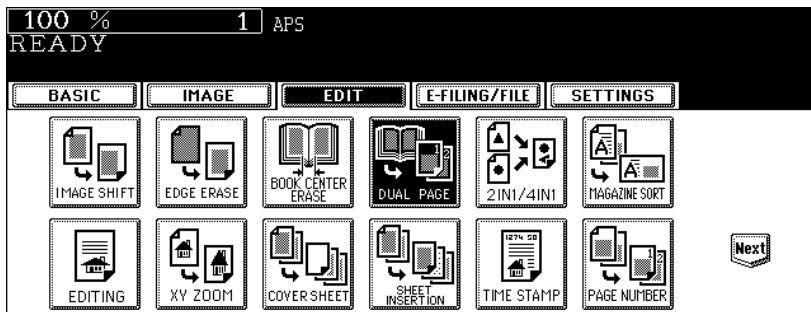
- Acceptable paper sizes for this function is LT only.



5

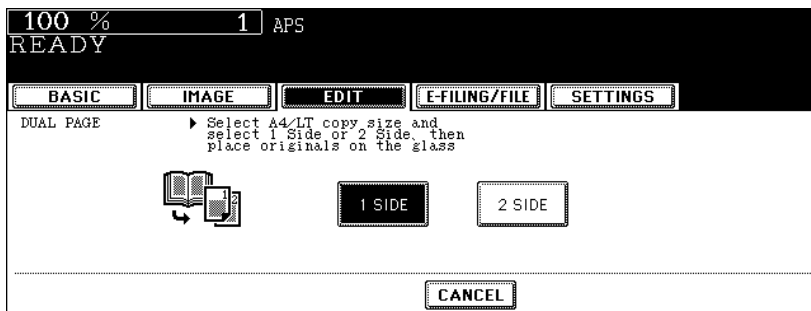
1 Place paper in the drawer(s).

2 Press the [EDIT] button to enter the edit menu, and then the [DUAL PAGE] button.



3 Press the [1 SIDE] (or [2 SIDE]) button.

- 1 SIDE: Making copies of the facing pages on 2 separate sheets of paper page by page
- 2 SIDE: Making duplex copies of them on one sheet



- The yellow indicator line for placing a book moves near the center of the original glass.
- If you need a binding margin, set the right or left margin. (P.132 "Creating a right or left margin")

4 Press the [BASIC] button to enter the basic menu, and then select the copy size (LT).

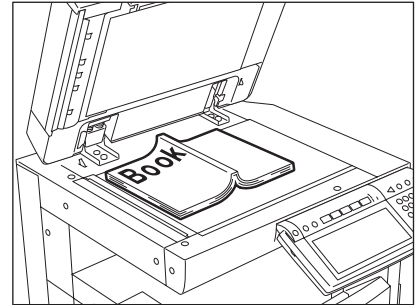
- When using this mode in bypass copying (☞ P.75), be sure to specify the paper size.
- Select other copy modes as required.

5 Place the first page(s) to be copied on the glass, and then press the [START] button.

- Center the book on the yellow indicator line with the bottom toward you. (☞ P.63 "Book-type originals")

Caution

Do not place heavy objects (9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could injure you.

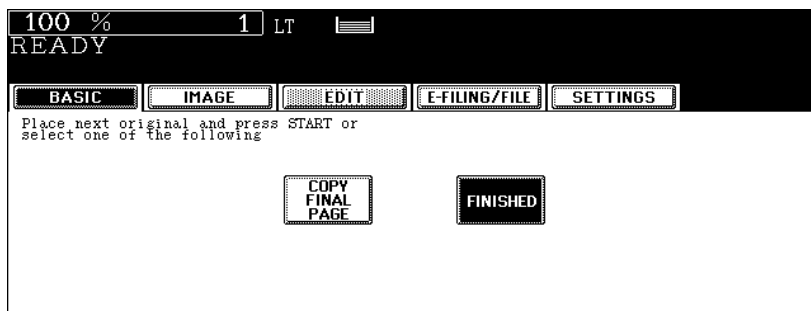


5

6 Turn to the next page, set the book again, and then press the [START] button.

- Repeat this step until all the originals have finished being scanned.

7 After all the originals have finished being scanned, press the [FINISHED] button.

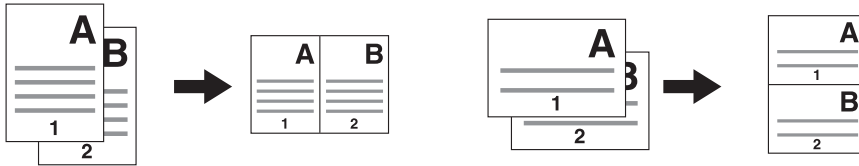


- Press the [COPY FINAL PAGE] button if the last original is a 1-sided page.

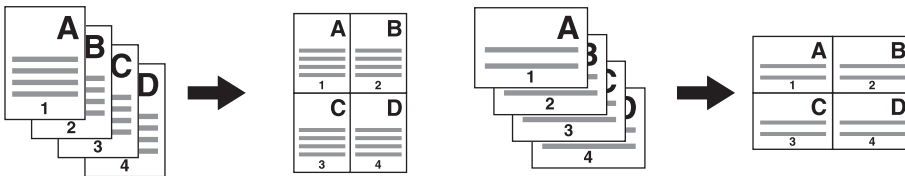
5. 2IN1 / 4IN1

This feature allows multiple originals to be reduced and copied onto a single sheet of paper. There are 2 modes: 2IN1 copying, where 2 originals are copied onto a single sheet, and 4IN1 copying, where 4 originals are copied onto a single sheet. In addition, duplex 2IN1 / 4IN1 modes are available, where four/eight originals can be copied to 2 sides of a single sheet of paper.

2IN1

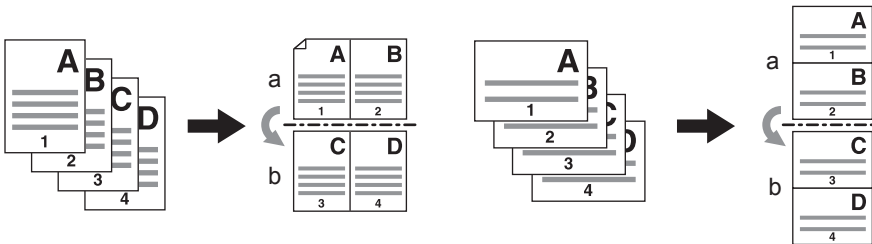


4IN1



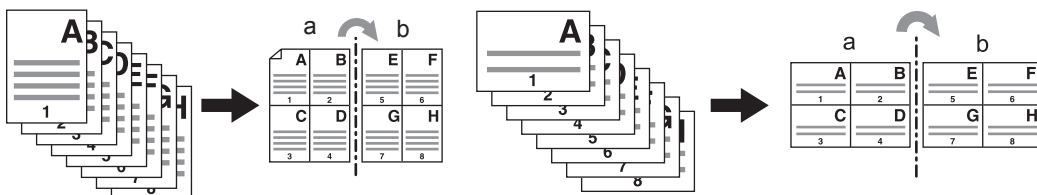
2IN1 DUPLEX (a: Side 1, b: Side 2)

- When a copy is turned with the line as a pivot, originals are printed on Side 2 (back face) as shown.



4IN1 DUPLEX (a: Side 1, b: Side 2)

- When a copy is turned with the line as a pivot, originals are printed on Side 2 (back face) as shown.

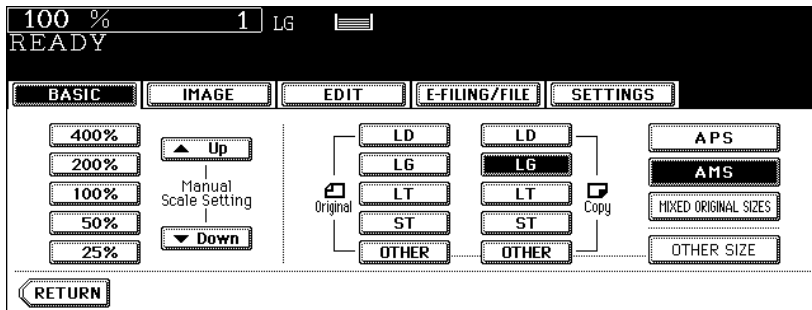


1 Place paper in the drawer(s).

- When using this mode in bypass copying (P.75), be sure to specify the paper size.

Tip

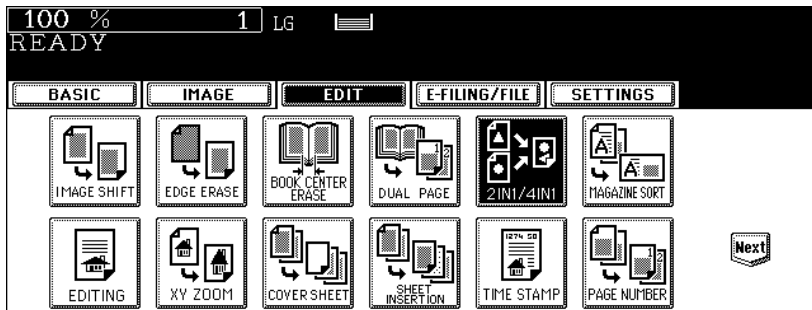
To make copies on paper which is not the same size as the original, press the [ZOOM] button on the basic menu to enter the following menu, select the desired paper size and press the [AMS] button.



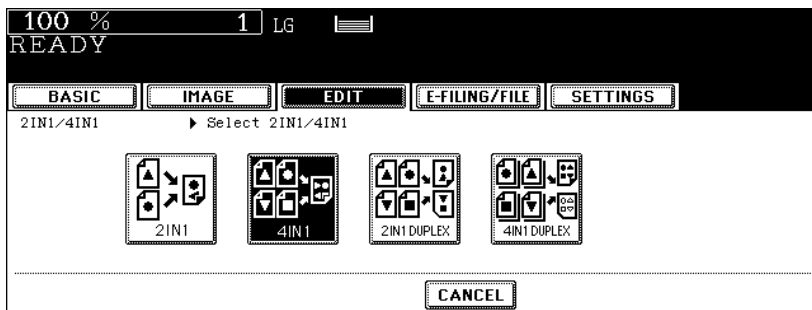
- If the paper size is not changed, paper of the same size as the original is selected.

2 Place the original(s).

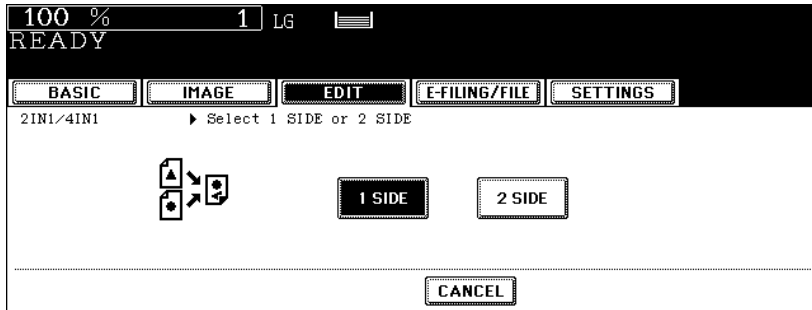
3 Press the [EDIT] button to enter the edit menu, and then press the [2IN1 / 4IN1] button.



4 Select the type of image combination.



5 Press the [1 SIDE] (or [2 SIDE]) button.



- Select other copy modes as required.

5 6 Press the [START] button.

- When the Reversing Automatic Document Feeder (optional) is used, the original is scanned and copying starts.
- When the original is placed on the original glass, perform steps 7 and 8.

7 Place the next original, and press the [START] button.

- Data scanning of this original starts.
- The next original will also be scanned in the same manner when you press the [YES] button on the touch panel, and then press the [START] button on the control panel.
- Repeat this step until all the originals have finished being scanned.

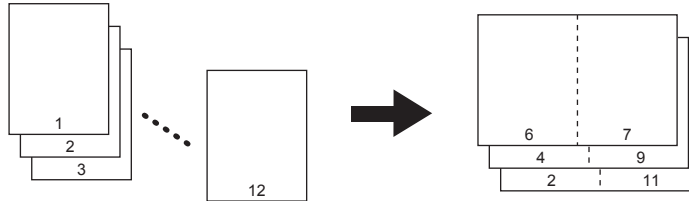
8 After all the originals have finished being scanned, press the [FINISHED] button.

- Copying starts.

6. MAGAZINE SORT

This function allows 1-sided originals to be copied and sorted so that they can be folded and bound along a center line like typical magazines or booklets.

Example of copying a 12-page document



Tips

- When placing a portrait originals horizontal to you in the magazine sort mode, be sure to set the correct direction of the originals. (P.169 “14.IMAGE DIRECTION”)
- The Magazine sort function has 2 procedures; operating from the basic menu and operating from the edit menu. When operating from the edit menu, the margin width can be adjusted. To operate from the basic menu, see P.108 “Magazine sort & saddle stitch mode (booklet mode)”.

5

1 Place paper in the drawer(s).

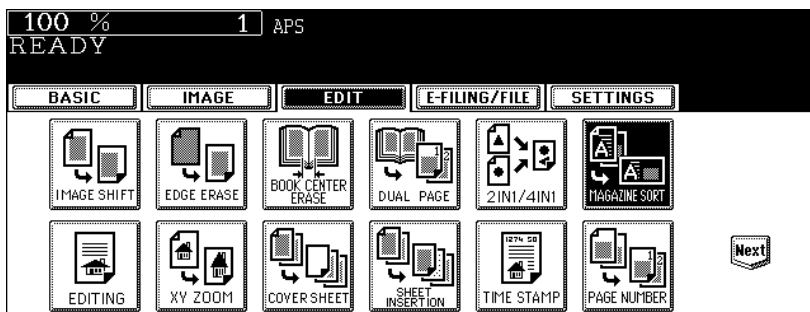
- When using the Saddle Stitch Finisher, either LD, LG, LT-R, A3, A4-R or B4 is available.

2 Select the paper type.

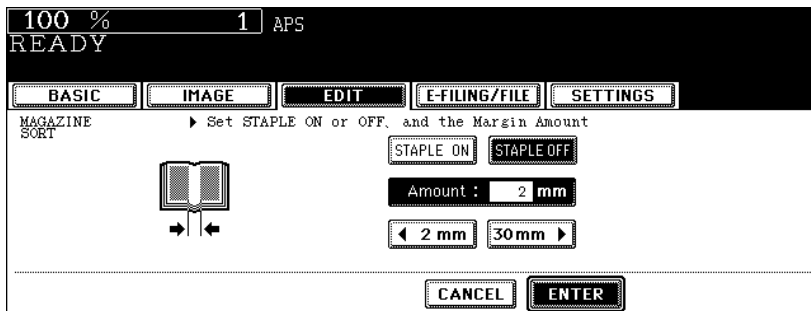
- For drawer feeding, see P.90 “Manual paper selection”.
- For bypass feeding, see P.75 “3.Bypass Copying”.

3 Place the original(s).

4 Press the [EDIT] button to enter the edit menu, and then press the [MAGAZINE SORT] button.



5 Set the saddle-stitch and the binding margin and press the [ENTER] button.



5

- To staple the center line using the Saddle Stitch Finisher (optional), press the [STAPLE ON] button. For the maximum number of sheets that can be stapled, see P.110 "Available conditions for saddle stitching".
- To adjust the width, press the [2 mm] or [30 mm] button.
- The default width of the margin is 2 mm (0.08").
- The margin width can be adjusted in 1 mm increments.
- Select other copy modes as required.

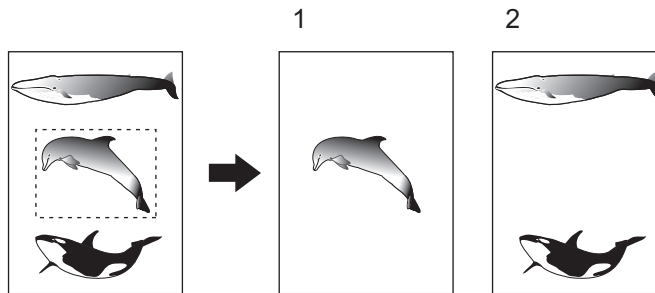
6 Press the [START] button.

7. EDITING

Trimming / Masking

This function allows you to copy only the inside of the specified area on an original (trimming) or copy with the specified area masked (masking). Up to 4 rectangular areas can be specified on an original.

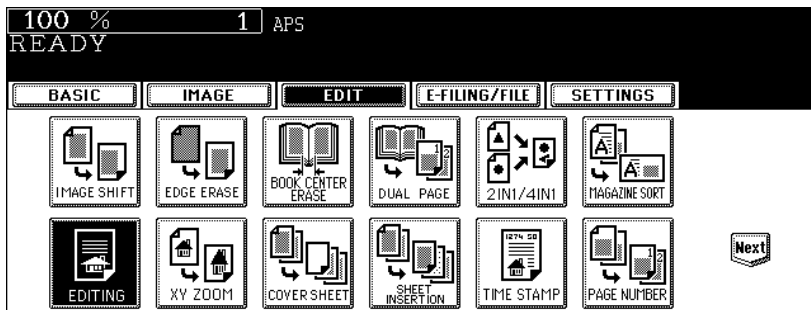
- Image editing is only available with standard-size originals.
- If the original and copy paper sizes are set incorrectly, the image in the specified range may not be copied correctly.
 1. An example of trimming
 2. An example of masking



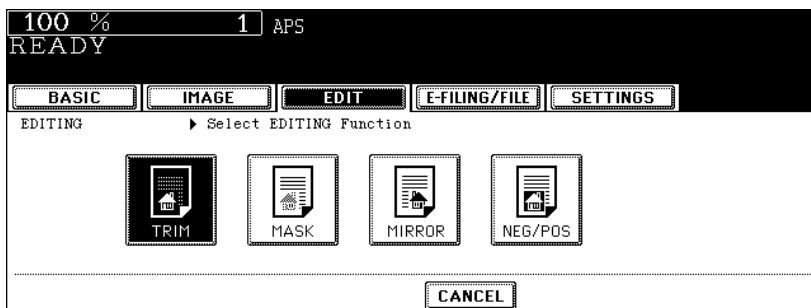
1 Place paper in the drawer(s).

- When using this mode in bypass copying, be sure to specify the paper size (☞ P.88 “1.Paper Selection”).

2 Press the [EDIT] button to enter the edit menu, and then press the [EDITING] button.



3 Press the [TRIM] (or [MASK]) button.

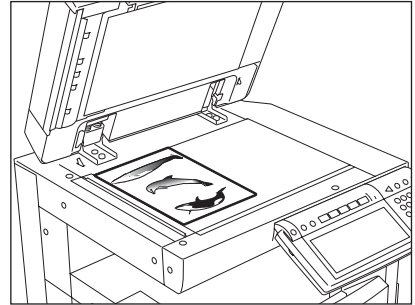


4 Place the original with its face up on the original glass.

- Set the original with its face up and bottom toward you and fit its top left corner against that of the original glass to align it with the original scales.

Caution

Do not place heavy objects (9 lb. or more) on the original glass and do not press on it with force. Breaking the glass could injure you.



5 Specify the area. Read the following 4 values of the left and top scales.

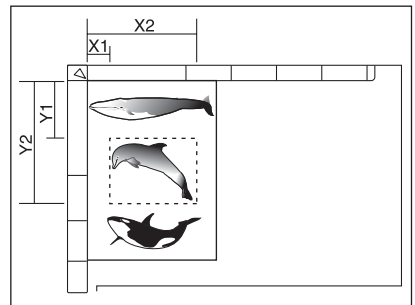
X1: Distance from the top left to the left edge of the specified area

X2: Distance from the top left to the right edge of the specified area

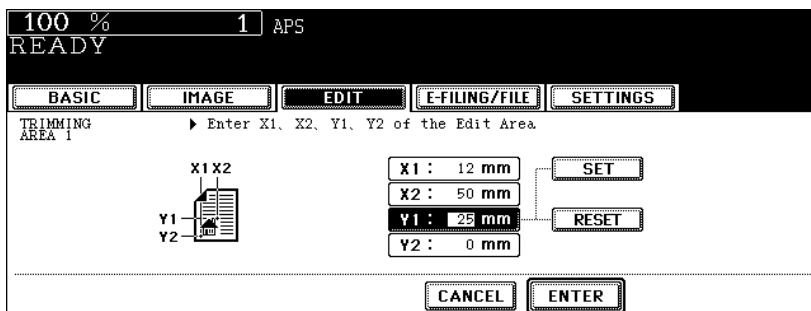
Y1: Distance from the top left to the upper edge of the specified area

Y2: Distance from the top left to the lower edge of the specified area

- The marks of the original scale have a 2 mm (0.08") pitch.



6 Enter the values read in step 5 for the specified area, and then press the [SET] button. Set 4 values in order.

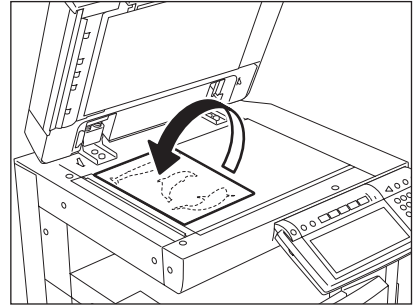


- After the setting of 4 values is finished, the next edit area menu is displayed. Repeat steps 5 and 6 when you specify other areas. Up to 4 areas can be specified on an original.
- To correct the value which has been set, press the [RESET] button. Pressing it once makes the highlighted field move one position upward. Highlight the field in which you want to rectify the value, and then key in the correct one.

7 Press the [ENTER] button after specifying the area.

8 Place the original(s) with its face down.

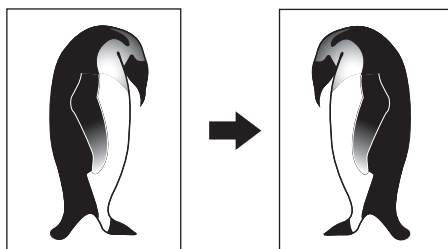
- Set the original with its face down and bottom toward you and fit its top left corner against that of the original glass.
- Select other copy modes as required.



9 Press the [START] button.

Mirror image

This function allows you to make copies with images completely reversed (right and left).

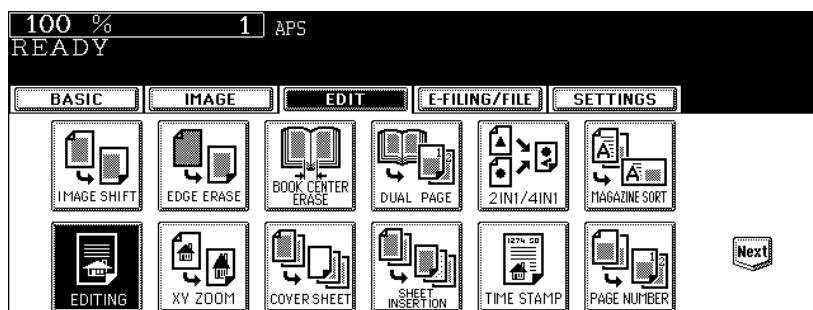


1 Place paper in the drawer(s).

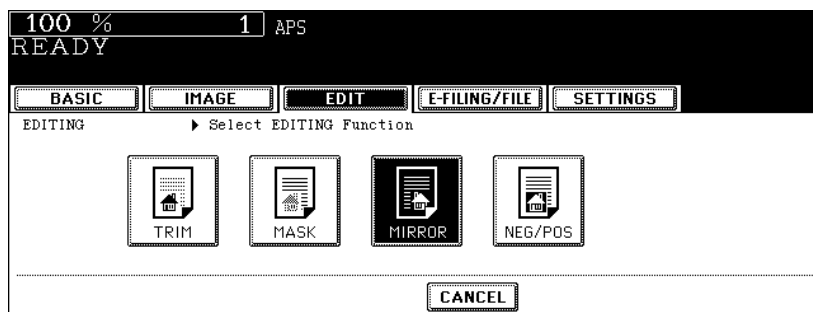
- When using this mode in bypass copying, be sure to specify the paper size (☞ P.88 “1.Paper Selection”).

2 Place the original(s).

3 Press the [EDIT] button to enter the edit menu, and then press the [EDITING] button.



4 Press the [MIRROR] button.

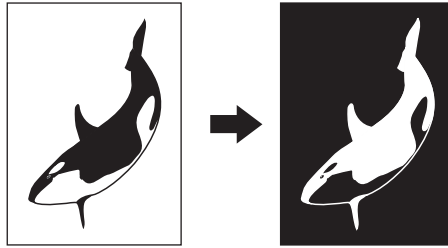


- Select other copy modes as required.

5 Press the [START] button.

Negative/Positive reversal

This function allows you to make copies reversing the contrasting density on the whole face of original.

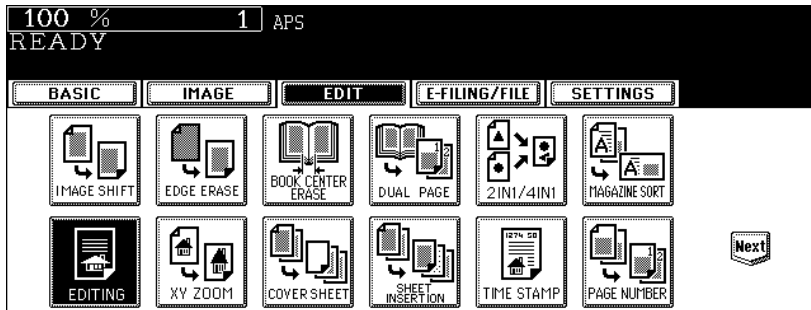


1 Place paper in the drawer(s).

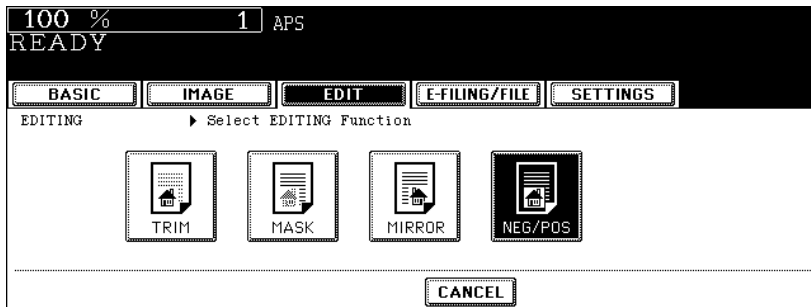
- When using this mode in bypass copying, be sure to specify the paper size (☞ P.88 “1.Paper Selection”).

2 Place the original(s).

3 Press the [EDIT] button to enter the edit menu, and then press the [EDITING] button.



4 Press the [NEG/POS] button.



- Select other copy modes as required.

5 Press the [START] button.

8. XY ZOOM

This function allows you to make copies with different reproduction ratios set for the X (horizontal) and Y (vertical) direction.

The reproduction ratio is in the range of 25 to 400%. However, in the following cases, it is in the range of 25 to 200%.

- When the original is set on the Reversing Automatic Document Feeder (optional)



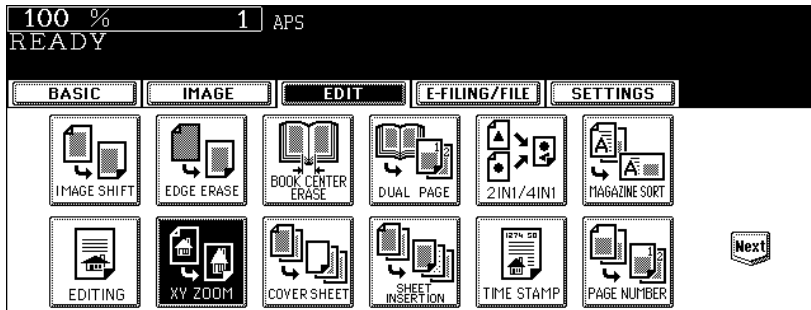
5

1 Place paper in the drawer(s).

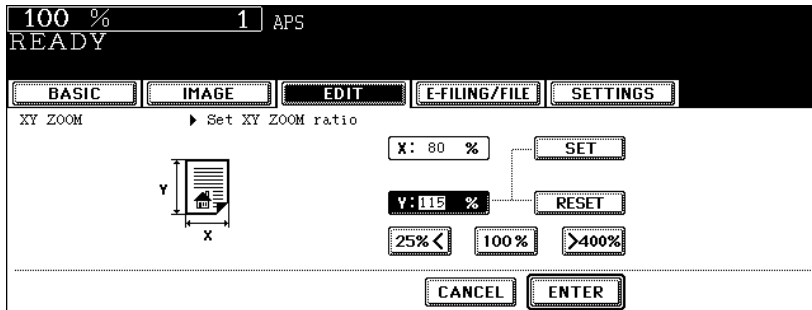
- When using this mode in bypass copying (P.75), be sure to specify the paper size.

2 Place the original(s).

3 Press the [EDIT] button to enter the edit menu, and then press the [XY ZOOM] button.

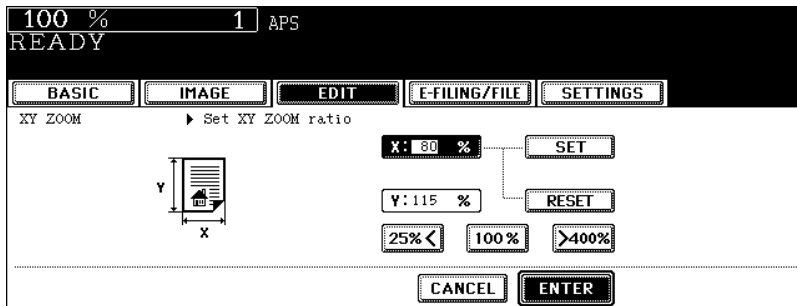


- 4** Using the [25%] and [400%] buttons, set the reproduction ratio for X and press the [SET] button. Then set the reproduction ratio for Y.



- 5** Press the [ENTER] button.

5



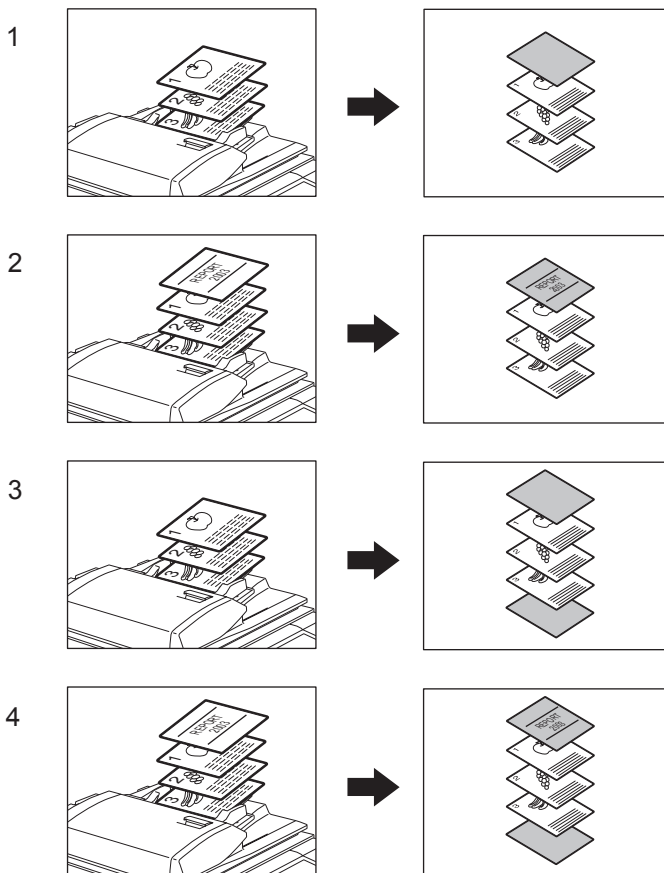
- Select other copy modes as required.

- 6** Press the [START] button.

9. COVER SHEET

This function allows you to insert special sheets of paper (such as color paper) into a set of copies as cover sheets. A copied front cover sheet can be inserted. The back cover sheet is inserted blank. There are 4 types of cover sheet modes:

1. Adding a blank front cover sheet ([TOP BLANK])
2. Adding a copied front cover sheet ([TOP COPIED])
3. Adding a blank front and blank back cover sheets ([BOTH BLANK])
4. Adding a copied front and blank back cover sheets ([TOP COPIED BACK BLANK])



1 Place the cover sheet.

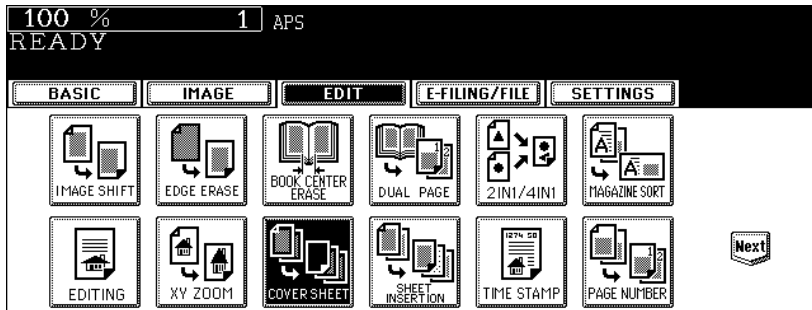
- Place the cover sheet in the drawer selected for cover sheets or on the bypass tray.
- When it is placed in the drawer for the cover sheets, you must set the paper type (cover sheet), size and thickness. (P.56 "Drawer for special uses")
- When it is placed on the bypass tray, you must set the paper size and thickness. (P.75 "3.Bypass Copying")
- Make sure the cover sheet and the sheets other than the cover sheet are placed in the same direction and of the same size.

2 Place paper (other than cover paper) in the drawer(s).

3 Place the original(s).

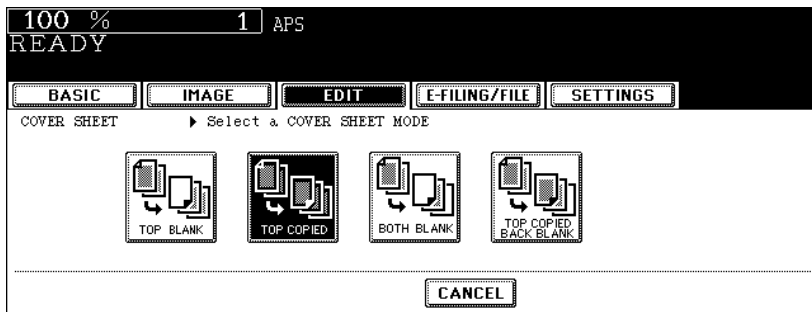
- Originals should be placed from the first page on the original glass.

4 Press the [EDIT] button to enter the edit menu and then the [COVER SHEET] button.



5 Press the desired cover sheet button.

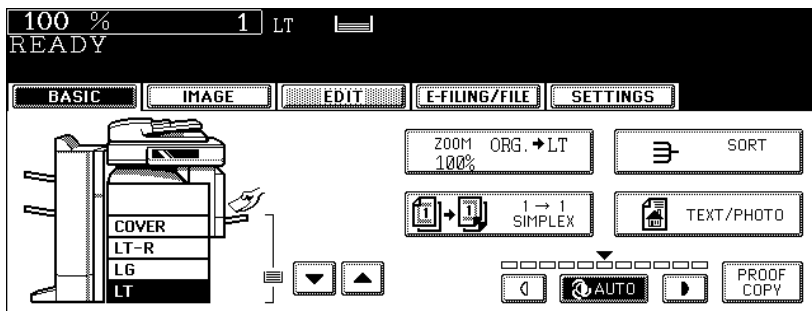
- TOP BLANK:** To add a blank front cover sheet
- TOP COPIED:** To add a copied front cover sheet
- BOTH BLANK:** To add blank front and back cover sheets
- TOP COPIED BACK BLANK:** To add copied front and blank back cover sheets



Tip

When "1-Sided Original to 2-Sided Copy" with the [TOP COPIED] or [TOP COPIED BACK BLANK] button pressed is performed, a 1-sided copy is made for a cover sheet.

6 Press the [BASIC] button to enter the basic menu, and then select a paper source of the same size and direction as the cover sheet.



- Select other copy modes as required.

7 Press the [START] button.

- When the Reversing Automatic Document Feeder (optional) is used, the original is scanned and copying starts.
- When the original is placed on the original glass, perform steps 8 and 9.

8 Place the next original, and press the [START] button.

- Data scanning of this original starts.
- The next original will also be scanned in the same manner when you press the [YES] button on the touch panel, and then press the [START] button on the control panel.
- Repeat this step until all the originals have finished being scanned.

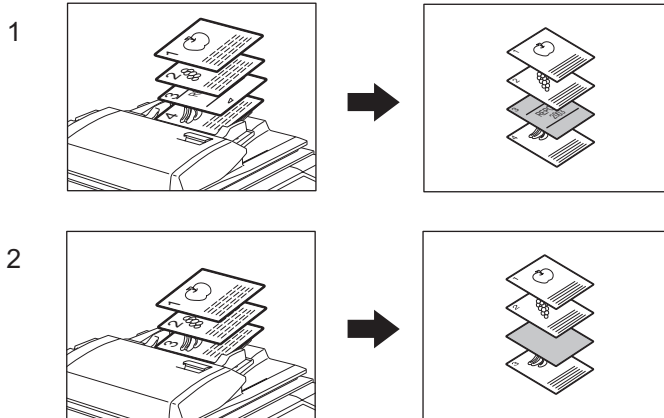
9 After all the originals have finished being scanned, press the [FINISHED] button.

- Copying starts.

10. SHEET INSERTION

This function allows you to insert special sheets of paper (such as color paper) into the specified pages. 2 kinds of sheets for insertion are available. Up to 50 pages can be specified for [INSERT SOURCE 1] and [INSERT SOURCE 2] combined. There are 2 types of sheet insertion modes:

1. Inserting a copied sheet into the specified page ([COPIED])
2. Inserting a blank sheet into the page previous to the specified one ([BLANK])



1 Place the special sheets of paper.

📖 P.56 “Drawer for special uses”

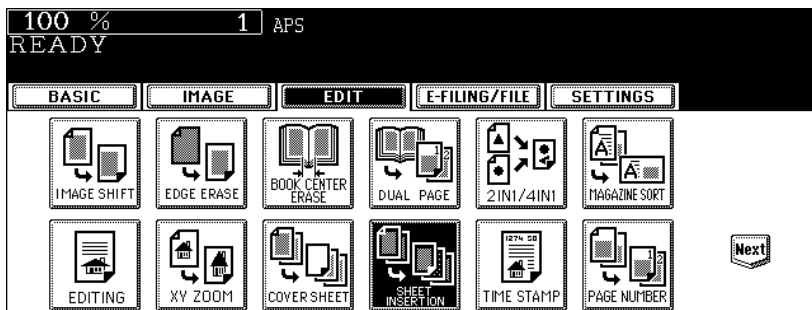
- Place the special sheets of paper on the bypass tray or in the drawer selected for sheet insertion.
- Both special sheets of paper and plain paper should be placed in the same direction and be of the same size.

2 Place plain paper in the drawer(s).

3 Place the original(s).

- Originals should be placed from the first page on the original glass.

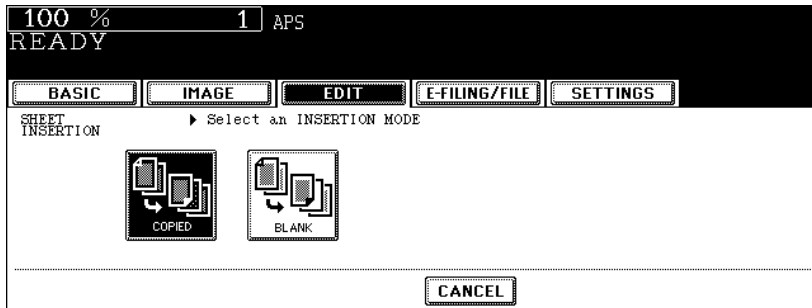
4 Press the [EDIT] button to enter the edit menu, and then press the [SHEET INSERTION] button.



5 Press the [COPIED] (or [BLANK]) button.

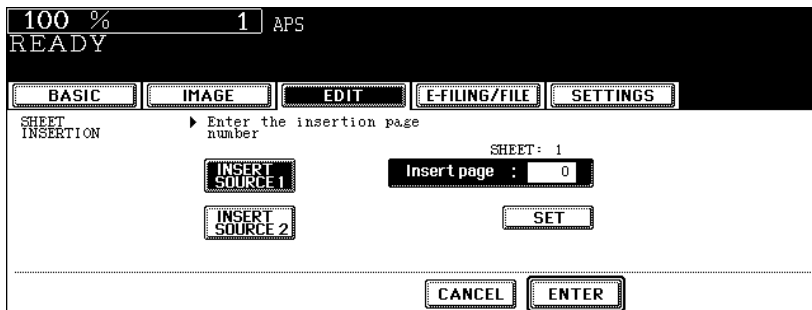
COPIED: To insert a copied sheet into the specified page

BLANK: To insert a blank sheet into the page previous to the specified one

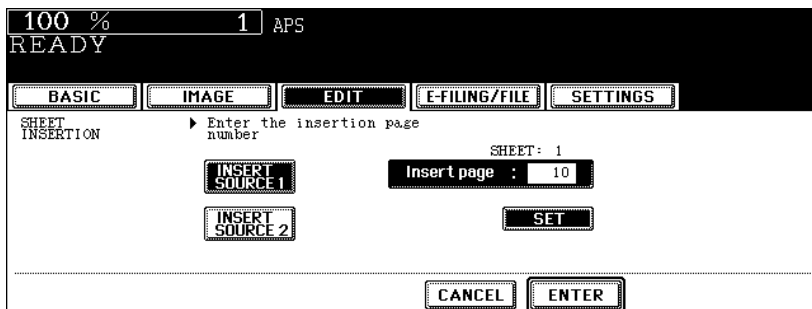


5

6 Press the [INSERT SOURCE 1] (or [INSERT SOURCE 2]) button.

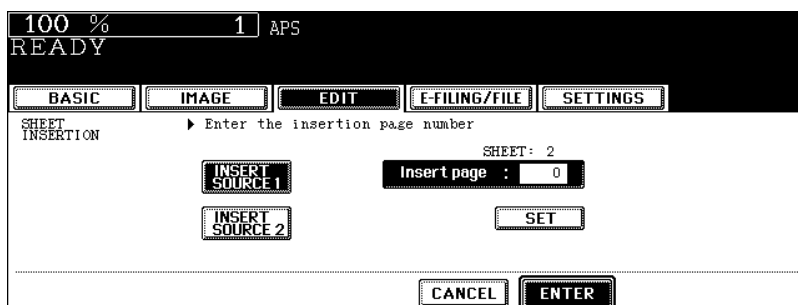


7 Key in the desired page number (3 digits or less) for insertion and press the [SET] button.



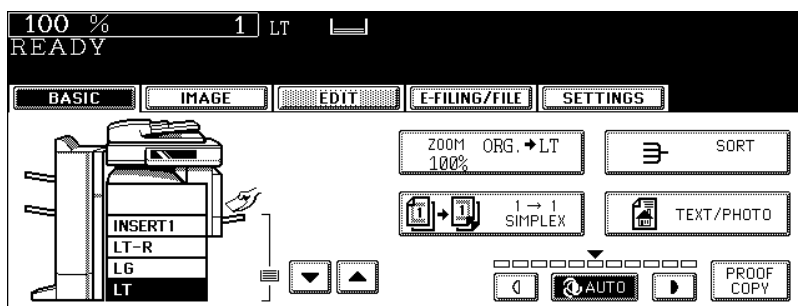
- When [COPIED] is selected on step 5, a copied sheet is inserted into the specified page. When [BLANK] is selected, a blank sheet is inserted into the page previous to the specified one.
- Up to 50 pages can be specified for [INSERT SOURCE 1] and [INSERT SOURCE 2] combined. When inserting multiple sheets one by one at specified pages, repeat steps 6 and 7.

- 8** After the specifying of all insertion pages is finished, press the [ENTER] button.



- 9** Press the [BASIC] button to enter the basic menu, and then select a paper source of the same size and direction as the sheet insertion.

5



- Select other copy modes as required.

- 10** Press the [START] button.

- When the Reversing Automatic Document Feeder (optional) is used, the original is scanned and copying starts.
- When the original is placed on the original glass, perform steps 11 and 12.

- 11** Place the next original, and press the [START] button.

- Data scanning of this original starts.
- The next original will also be scanned in the same manner when you press the [YES] button on the touch panel, and then press the [START] button on the control panel.
- Repeat this step until all the originals have finished being scanned.

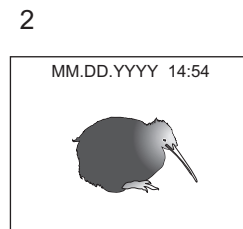
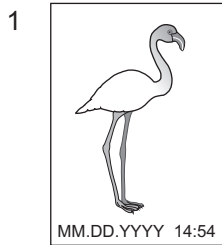
- 12** After all the originals have finished being scanned, press the [FINISHED] button.

- Copying starts.

11. TIME STAMP

This function allows you to add the time and date of the scanning to the copies.

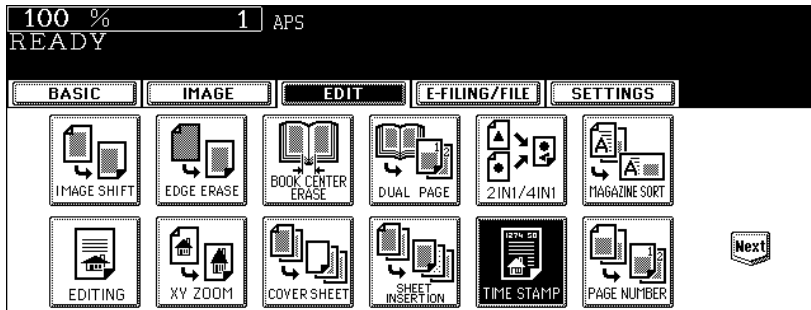
1. Printed at the bottom of a portrait copy
2. Printed at the top of a landscape copy



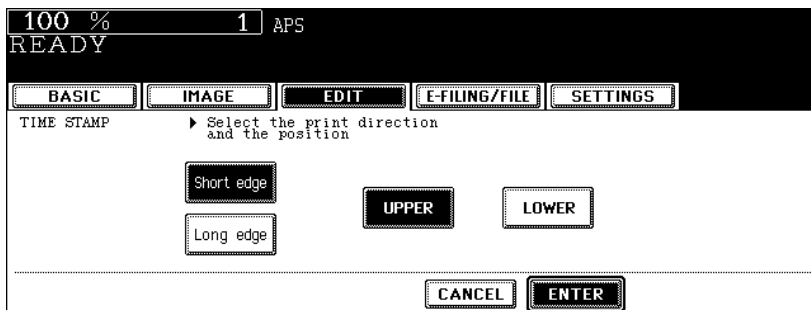
1 Place paper in the drawer(s).

2 Place the original(s).

3 Press the [EDIT] button to enter the edit menu, and then press the [TIME STAMP] button.



4 Select the orientation ([Short edge] or [Long edge]) and position ([UPPER] or [LOWER]) of the date and time to be printed, and then press the [ENTER] button.



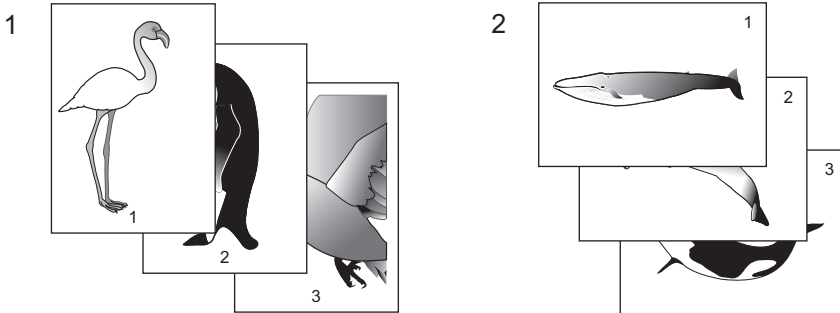
- Select other copy modes as required.

5 Press the [START] button.

12. PAGE NUMBER

This function allows you to add page numbers to the copies.

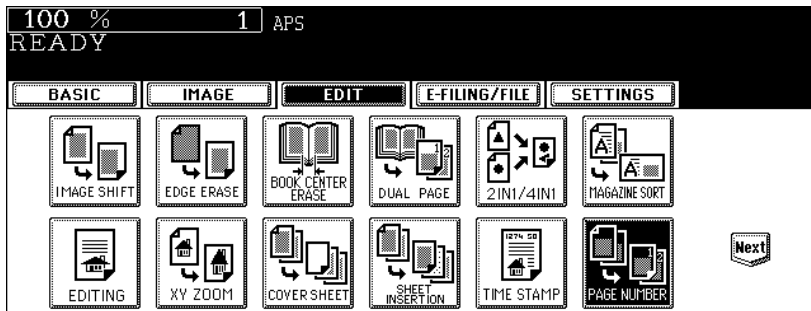
1. Printed at the bottom center of a portrait copy
2. Printed at the top right of a landscape copy



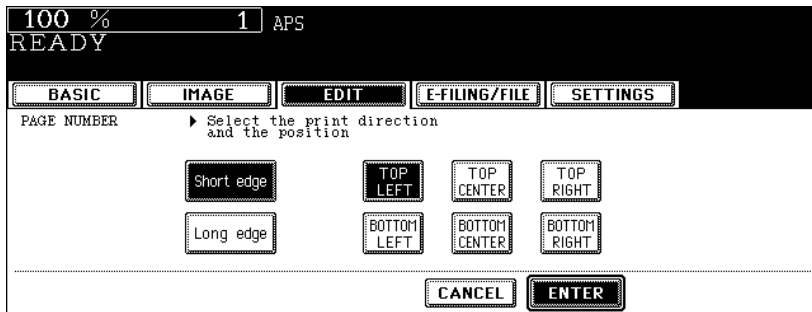
1 Place paper in the drawer(s).

2 Place the original(s).

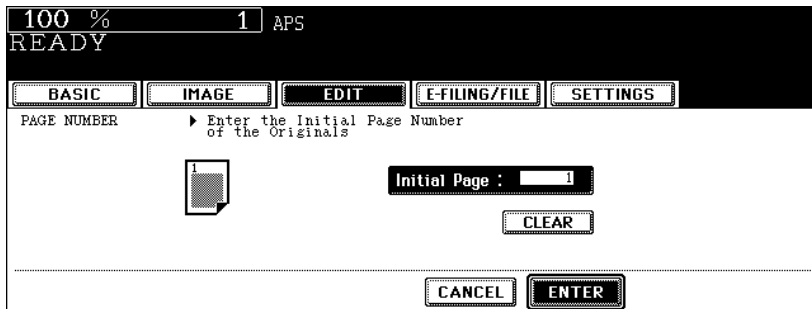
3 Press the [EDIT] button to enter the edit menu, and then press the [PAGE NUMBER] button.



- 4** Select the orientation ([Short edge] or [Long edge]) and position ([TOP LEFT], [TOP CENTER], [TOP RIGHT], [BOTTOM LEFT], [BOTTOM CENTER] or [BOTTOM RIGHT]) of the page number to be printed, and then press the [ENTER] button.



- 5** Key in the starting page number and then press the [ENTER] button.



- Select other copy modes as required.

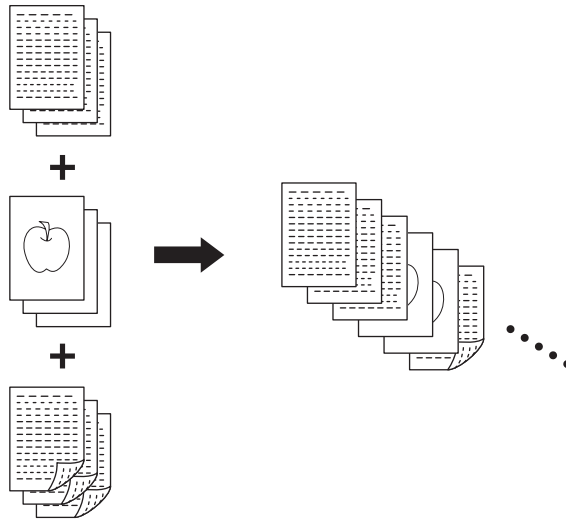
- 6** Press the [START] button.

13. JOB BUILD

This function allows you to copy different kinds of originals at one time.

Scanning is performed by setting the optimal original mode and image adjustment for each original (it is called a job). After all the originals have finished being scanned, they can be copied at one time.

Also, the original scanning source (Reversing Automatic Document Feeder or original glass) of originals can be switched per job, and so, for example, after originals such as multiple LD texts, news clips, photographs in magazines and multiple LT photographs with the appropriate settings have finished being scanned, they can be copied in the scanned order in one go. And the scanned data can be stored in e-Filing.




- Up to 1000 pages of originals are possible.
- Any number of jobs can be set until the total number of scanned original pages reaches 1000.

There are restrictions on the settings for JOB BUILD: Settings not available for JOB BUILD, common settings which are set before scanning the first job and applied to all jobs, and changeable settings for each job. See the following table to perform the setting.

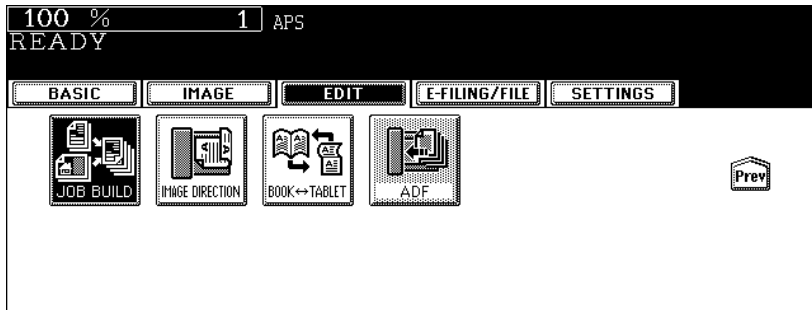
Settings not available for JOB BUILD	Common settings for all jobs	Changeable settings per each job
Automatic Paper Selection (APS) Book to 2 Image editing XY zoom Cover copying Sheet insertion mode Magazine sort Magazine sort & Saddle stitch 2IN1 / 4IN1	e-Filing/file Mixed-size original Paper size to be copied Sort mode Image shift Book center erase Time stamp Page number Image direction in 2-sided copying Book <-> tablet	Reproduction ratio Automatic magnification selection (Default setting for JOB BUILD) Original size Original mode 1-sided -> 1-sided / 2-sided -> 1-sided (or 1-sided -> 2-sided / 2-sided -> 2-sided) copying Background adjustment Sharpness Edge erase Dual-page ADF / SADF

1 Place the originals of the 1st job.

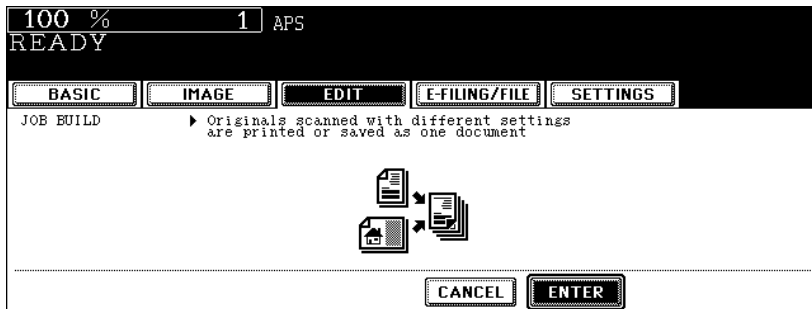
Tips

- When an original is placed on the original glass, one page is regarded as one job.
- To copy mixed-size originals using the Reversing Automatic Document Feeder, see  P.91 “Copying mixed-size originals in one go (mixed original size)”.
- Select the drawer if you want to specify it.

2 Press the [EDIT] button to enter the edit menu. Then press the [Next] button to switch the menu, and press the [JOB BUILD] button.

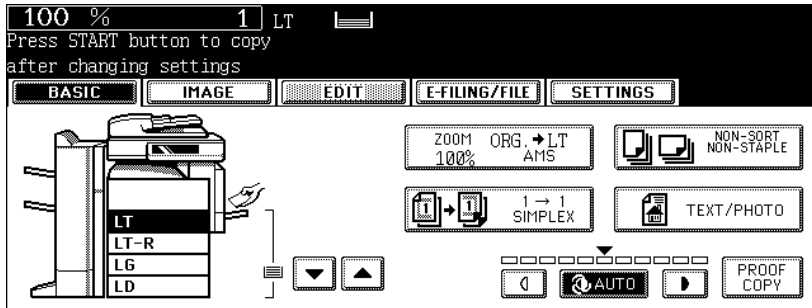


3 Press the [ENTER] button.



- Read the brief description of JOB BUILD on the touch panel.
- JOB BUILD is set and the basic menu is displayed.

- 4 After “Press START button to copy after changing settings.” appears, perform the settings for the 1st job and the common settings for all jobs.

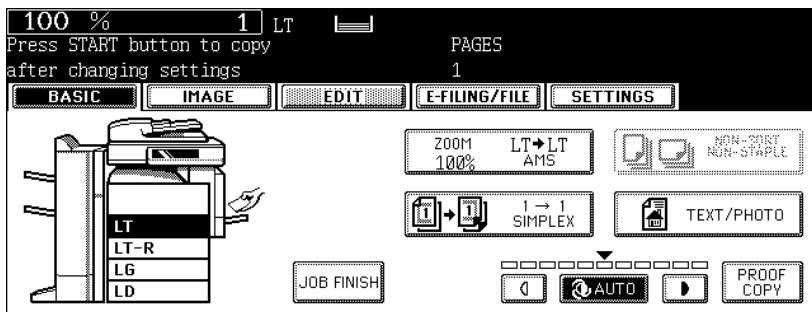


- Press the [SETTINGS] button to confirm the settings.
- To change the settings, press the [FUNCTION CLEAR] button, and then start the procedure again from step 1.

- 5 Press the [START] button.

- The scanning of the originals for the 1st job starts.

- 6 After “Press START button to copy after changing settings.” appears, place the originals of the 2nd job. Perform the settings for the 2nd job.



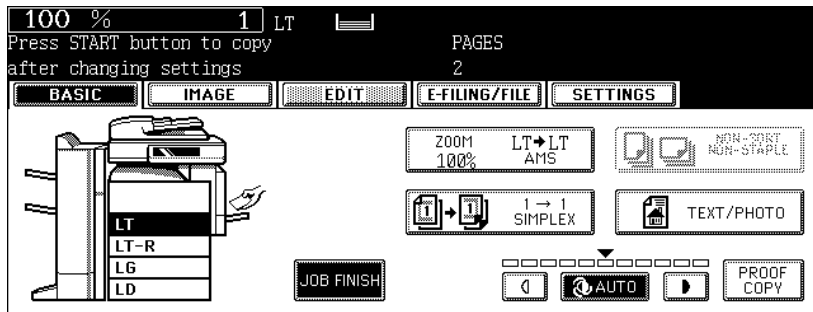
- Note that copying will be performed in the same modes as those of the 1st job if the settings are not changed.
- Press the [SETTINGS] button to confirm the settings.

- 7 Press the [START] button.

- The scanning of the originals for the 2nd job starts.
- Repeat steps 6 to 7 until all the originals have finished being scanned.

- 8 After all the originals have finished being scanned, confirm the number of copies on the menu and change if needed.

9 Press the [JOB FINISH] button on the basic menu.



- The copying of the originals starts.
- When copy and e-Filing/file functions are set, storing starts.

14. IMAGE DIRECTION

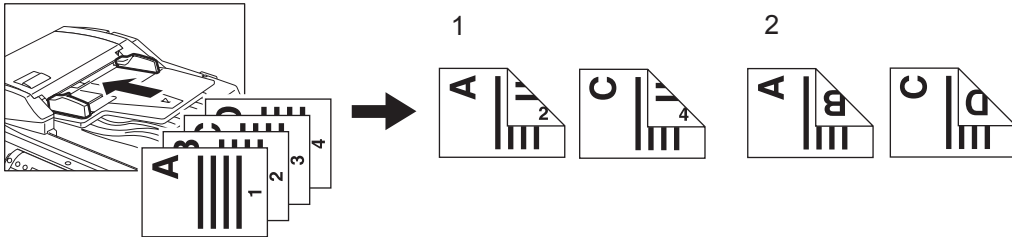
This function allows you to adjust the direction to 'open toward the left' when a portrait original such as LD, LT, LG, ST-R, etc., which is placed in a landscape direction, is copied under the mode of "1-Sided Originals to 2-Sided Copies".

- This function is not necessary for copying in the direction of 'open to top'.

When a 2-sided 'open toward the left' (Book) portrait LD, LT, LG, ST-R original, etc. is copied using this function with [2-Sided Originals to 1-Sided Copies], copies can be adjusted to the same direction.

[IMAGE DIRECTION]:

1. Set
2. No setting



5

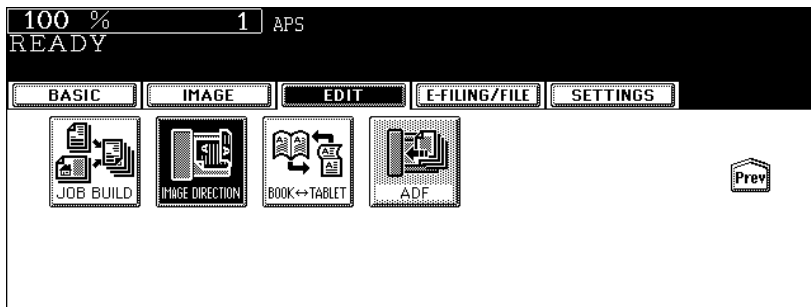
1 Place paper in the drawer(s).

2 Place the original(s).

3 Perform the setting of [1 -> 2 DUPLEX] (or [2 -> 1 SPLIT]).

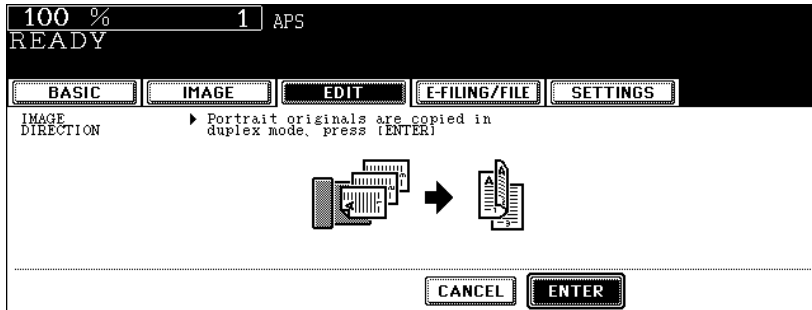
P.114 "4.Duplex Copying"

4 Press the [EDIT] button to enter the edit menu. Then press the [Next] button to switch the menu, and press the [IMAGE DIRECTION] button.



- The direction of the copy is adjusted by this operation.

5 Press the [ENTER] button.

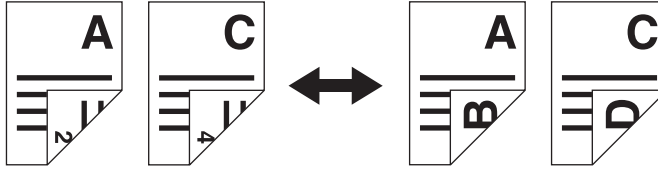


- Select other copy modes as required.

5 6 Press the [START] button.

15. BOOK - TABLET

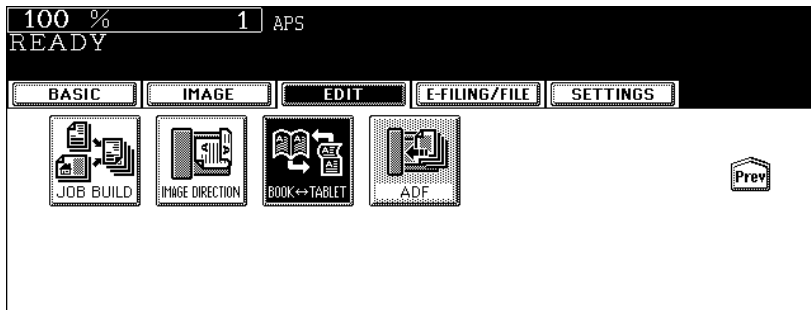
When copying under the mode of 2-Sided Originals to 2-Sided-Copies, this function allows you to rotate the back side of the original to be copied by 180°. It is useful when 'open to left' (Book) originals need to be copied in 'open to top' (Tablet), and the opposite condition is available.



1 Place paper in the drawer(s).

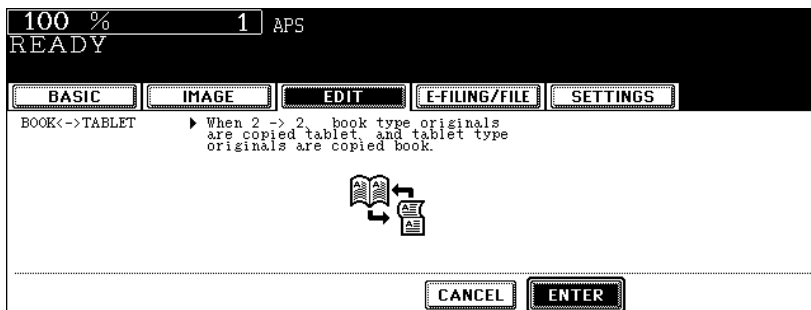
2 Place the original(s).

3 Press the [EDIT] button to enter the edit menu. Then press the [Next] button to switch the menu, and press the [BOOK <-> TABLET] button.



- 'Open to left' originals are copied in 'open to top' and 'open to top' originals are copied in 'open to left' by this operation.

4 Press the [ENTER] button.



- Select other copy modes as required.


5 Press the [START] button.

16. ADF / SADF

You can select the paper feeding mode when using the Reversing Automatic Document Feeder (optional). There are two ways to feed originals.

Continuous feed mode: Originals placed on the Reversing Automatic Document Feeder are continuously fed in after the [START] button is pressed. It is useful to select this mode for copying multiple originals at one time. (This is the initial setting at the time of the installation of the equipment.)

Single feed mode: An original is automatically pulled in as soon as it is placed. It is recommended to select this mode for copying originals one by one.

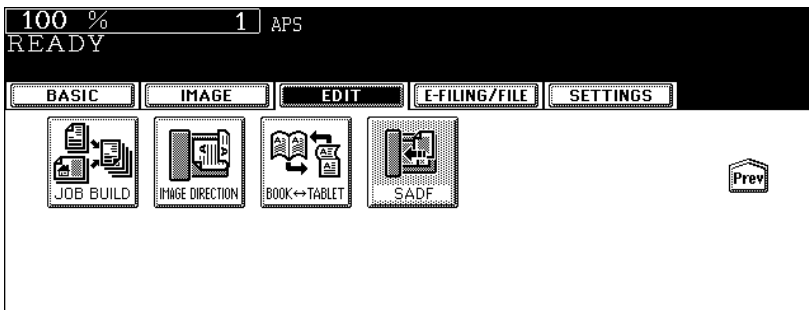
- In the single feed mode, set the originals one after another. Setting more than one original could cause a tilted image or a paper jam.
- To set different size originals, see  P.91 “Copying mixed-size originals in one go (mixed original size)”.

5

Continuous feed mode

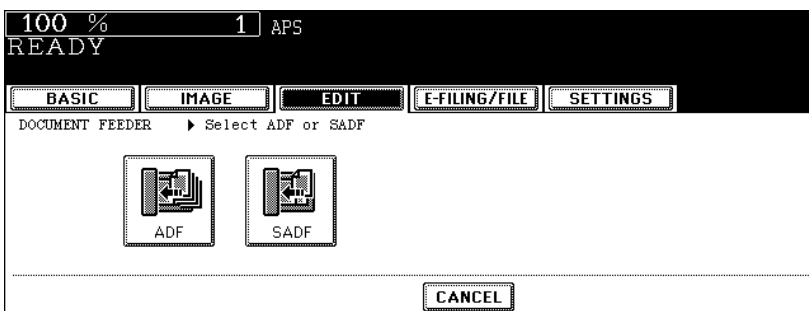
1 Place paper in the drawer(s).

2 Press the [EDIT] button to enter the edit menu. Then press the [Next] button to switch the menu, and press the [SADF] button.



- If the [ADF] button is already displayed, the continuous feed mode is set. In this case, skip to step 5.

3 Press the [ADF] button.



- Select other copy modes as required.

4 Place the original(s) on the Reversing Automatic Document Feeder (optional).

P.64 “Using the Reversing Automatic Document Feeder (optional)”

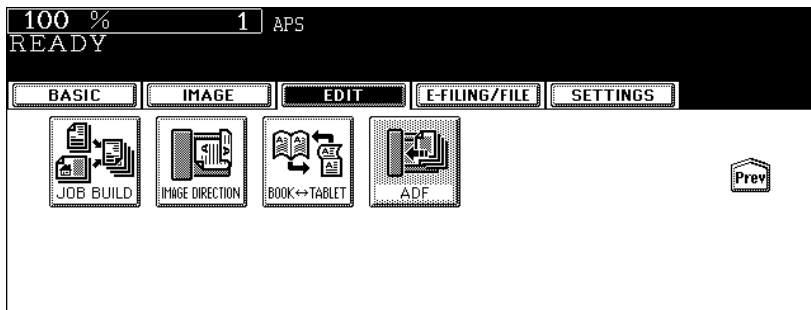
5 Press the [START] button.

Single feed mode

1 Place paper in the drawer(s).

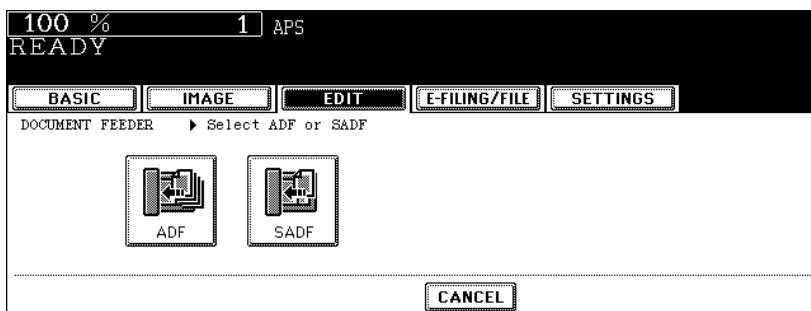
2 Press the [EDIT] button to enter the edit menu. Then press the [Next] button to switch the menu, and press the [ADF] button.

5



- If the [SADF] button is already displayed, the single feed mode is set. In this case, skip to step 4.

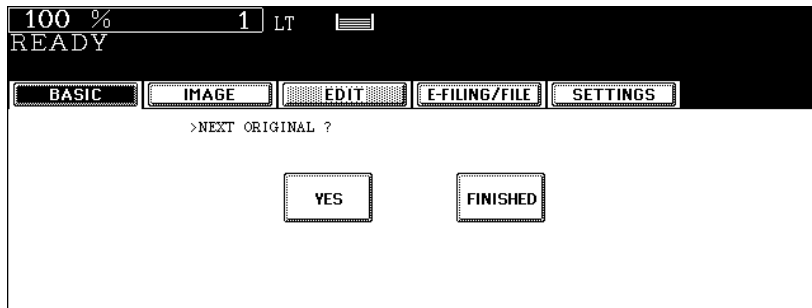
3 Press the [SADF] button.



- Select other copy modes as required.

4 Place the original one by one.

- The original is automatically pulled in and the following menu is displayed.




- If there are more originals, set them in the same way. (The same operation is performed whether or not you press the [YES] button.)

5 After all originals have finished being scanned, press the [FINISHED] button.

Tip

If the [FINISHED] button is not pressed, copying is started when the automatic function clear is operated.

 P.34 "Clearing functions selected"

6. e-FILING

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1. e-Filing

This feature allows you to store, print and manage documents obtained by copying, printing from a PC, scanning, receiving Fax and receiving Internet Fax. The document is stored into the hard disk embedded in this equipment.

- To use documents received by Fax in e-Filing, a Fax Unit is required.
- To use documents printed from a PC in e-Filing, the Printer Kit or the Printer/Scanner Kit (both optional) is required.
- To use scanned documents or documents received by Internet Fax in e-Filing, the Scanner Kit or the Printer/Scanner Kit (both optional) is required.
- When the Data Overwrite Kit (optional) is installed, it may take time before e-Filing can be used after the power is turned ON. This depends on the number of files in e-Filing.
- Delete the documents in e-Filing when they are no longer needed.
- The e-Filing box in which highly confidential documents are stored must be password protected.

There are two kinds of e-Filing as follows.

Public box:

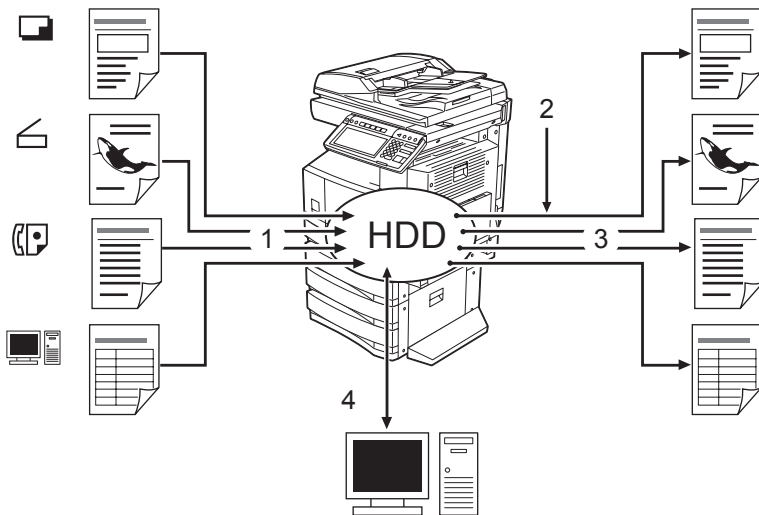
This is prepared as a default setting. This is used to store a shared document that can be accessed by any users without restrictions.

User box:

Up to 200 boxes can be created. Passwords can be set for each user box.

- Up to 100 folders per one box can be created. A maximum of 400 documents can be stored in one folder. The maximum number of original pages is 200. (However, it may be restricted depending on the amount of free space on the hard disk embedded in this equipment.)

An outline of e-Filing is as follows.



1. Store a document into e-Filing.
2. Add a printing setting to the stored document as required.
3. Print the document.
4. Use the document on the PC. (See the e-Filing Guide for details.)
 - The stored document in e-Filing can be downloaded to a client PC by using the “File Downloader”.
 - The stored document in e-Filing can be imported as an image into the TWAIN-compatible application by the TWAIN driver.
 - You can edit and back up the document, create a folder, etc. in the e-Filing using “TopAccess”.

Tips

- The available settings differ between when the operation is performed from the touch panel of this equipment or using “TopAccess” from a client PC. See the e-Filing Guide for details.
- When the preservation period for documents in e-Filing is specified, the stored documents will be deleted after this period has passed. You need to print the documents or download them into a client PC using the “File Downloader”. See the e-Filing Guide for details. (For setting the storing period of the documents in e-Filing, ask the network administrator.)
- Be sure to back up the data stored in e-Filing regularly in case of a hard disk failure. See the e-Filing Guide for details.

This chapter explains about when copied original data are stored to e-Filing. See the e-Filing Guide for storing, printing and managing the document obtained by printing from a PC, scanning, receiving fax and receiving Internet Fax (except for copying) and operating e-Filing via network.

2. Creating User Boxes

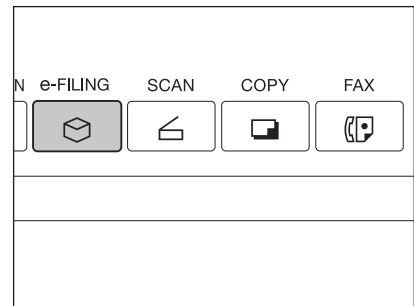
Up to 200 user boxes can be created. To prepare user boxes for different purposes enables you to have efficient document management.

Folders can be created in each user box. Also, password can be set to each user box.

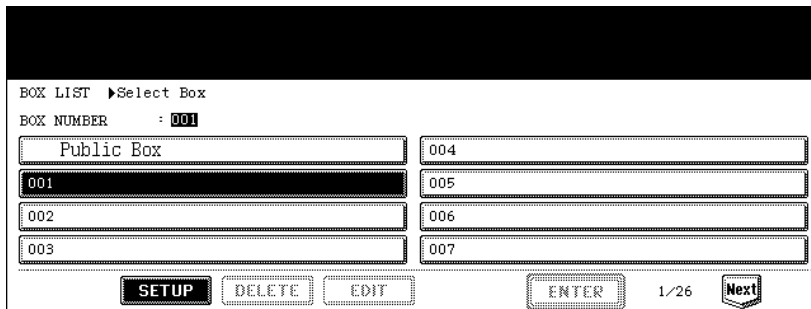
- You can create folders using “TopAccess” from a client PC. See the e-Filing Guide for details.

Set up a user box following the procedure below.

1 Press the [e-FILING] button on the control panel.

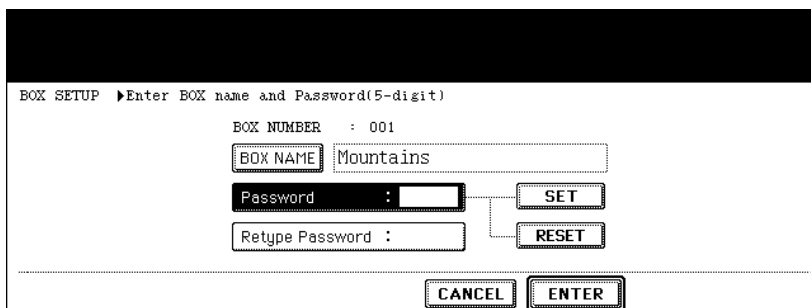


2 Select a blank box number between “001” and “200”, and then press the [SETUP] button.



- If the desired box is not displayed, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the box number.

3 Press the [BOX NAME] button, and then enter the box name.



- When the [BOX NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 32 characters can be added.
- To set the password, proceed to step 4. If not, skip to step 6.

4 Key in the password in “Password” as required, and then press the [SET] button.

BOX SETUP ▶Enter BOX name and Password(5-digit)

BOX NUMBER : 001

BOX NAME Mountains

Password : *****

Retype Password :

SET

RESET

CANCEL ENTER

Detailed description: This is a screenshot of a terminal-style interface for setting up a box. The title is 'BOX SETUP ▶Enter BOX name and Password(5-digit)'. Below the title, it shows 'BOX NUMBER : 001'. There are two input fields: 'BOX NAME' containing 'Mountains' and 'Password' containing five asterisks. To the right of the 'Password' field is a 'SET' button, and to the right of the 'Retype Password' field is a 'RESET' button. At the bottom of the screen are 'CANCEL' and 'ENTER' buttons. The 'Password' field is highlighted with a thick black border.

- Be sure to key in the 5-digit password.
- * (asterisk) is displayed in “Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.
- When the [SET] button is pressed, “Retype Password” becomes highlighted.

5 Key in the password in “Retype Password”.

BOX SETUP ▶Enter BOX name and Password(5-digit)

BOX NUMBER : 001

BOX NAME Mountains

Password : *****

Retype Password : *****

SET

RESET

CANCEL ENTER

Detailed description: This is a screenshot of the same terminal-style interface as above. The title and 'BOX NUMBER' are the same. The 'BOX NAME' field still contains 'Mountains'. The 'Password' field now contains five asterisks. The 'Retype Password' field also contains five asterisks. The 'Retype Password' field is highlighted with a thick black border. The 'SET' and 'RESET' buttons are still present to the right of their respective fields. The 'CANCEL' and 'ENTER' buttons are at the bottom.

- * (asterisk) is displayed in “Retype Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.

6 Press the [ENTER] button.

BOX SETUP ▶Enter BOX name and Password(5-digit)

BOX NUMBER : 001

BOX NAME Mountains

Password : *****

Retype Password : *****

SET

RESET

CANCEL ENTER

Detailed description: This is a screenshot of the same terminal-style interface. The title and 'BOX NUMBER' are the same. The 'BOX NAME' field still contains 'Mountains'. The 'Password' field contains five asterisks. The 'Retype Password' field also contains five asterisks. The 'SET' and 'RESET' buttons are still present to the right of their respective fields. The 'CANCEL' and 'ENTER' buttons are at the bottom. The 'ENTER' button is highlighted with a thick black border.

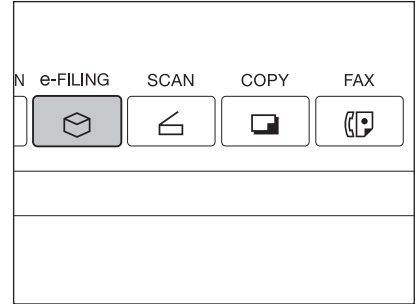
- The user box is created.

3. Changing Data of User Boxes

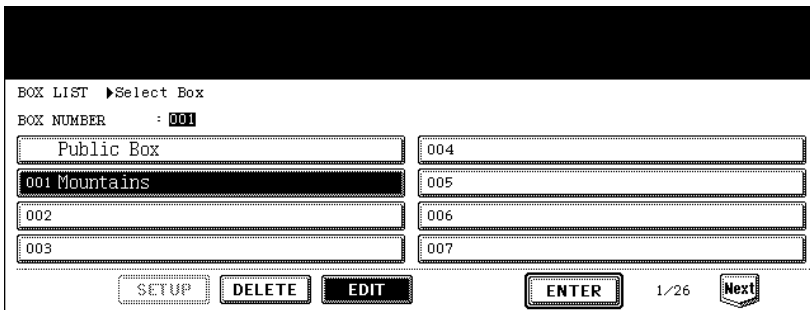
Created user boxes and passwords can be changed.

- You cannot change the folder name using the control panel of this equipment. It can be changed using “TopAccess” from a client PC. See the e-Filing Guide for details.

1 Press the [e-FILING] button on the control panel.

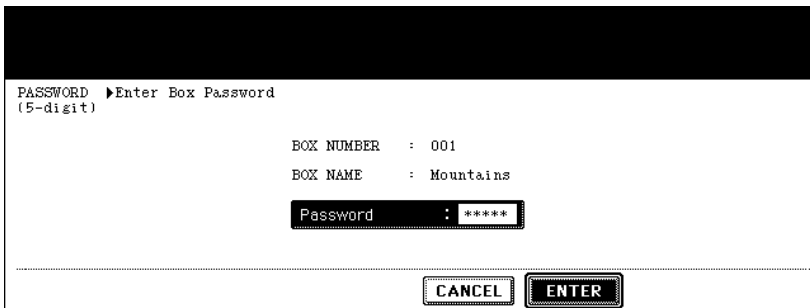


2 Select the desired box, and then press the [EDIT] button.



- If the desired box is not displayed, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the box number.

3 Key in the password (5 digits) for the selected box, and then press the [ENTER] button.



- If no password was set when the box was created, skip to step 4.

4 Press the [BOX NAME] button, and then enter the new box name.

BOX MODIFY ▶Enter BOX Name and Password(5-digit)

BOX NUMBER : 001

BOX NAME River

Password :

Retype Password :

SET

RESET

CANCEL ENTER

- When [BOX NAME] is pressed, the letter entry menu (P.35) is displayed. Up to 32 characters can be added.

5 Key in the new password in “Password”, and then press the [SET] button.

BOX MODIFY ▶Enter BOX Name and Password(5-digit)

BOX NUMBER : 001

BOX NAME River

Password : *****

Retype Password :

SET

RESET

CANCEL ENTER

- Be sure to key in the 5-digit password.
- * (asterisk) is displayed in “Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.
- When the [SET] button is pressed, “Retype Password” becomes highlighted.

6 Key in the password in “Retype Password”.

BOX MODIFY ▶Enter BOX Name and Password(5-digit)

BOX NUMBER : 001

BOX NAME River

Password : *****

Retype Password : *****

SET

RESET

CANCEL ENTER

- * (asterisk) is displayed in “Retype Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.

7 Press the [ENTER] button.

BOX MODIFY ▶Enter BOX Name and Password(5-digit)

BOX NUMBER : 001

BOX NAME : River

Password : *****

Retype Password : *****

SET

RESET

CANCEL ENTER

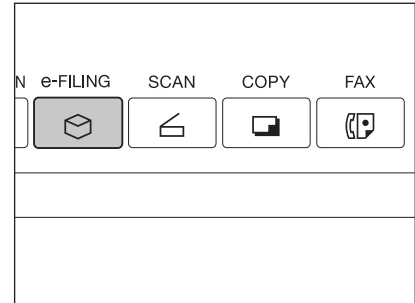
- The box settings are updated.

4. Deleting User Boxes

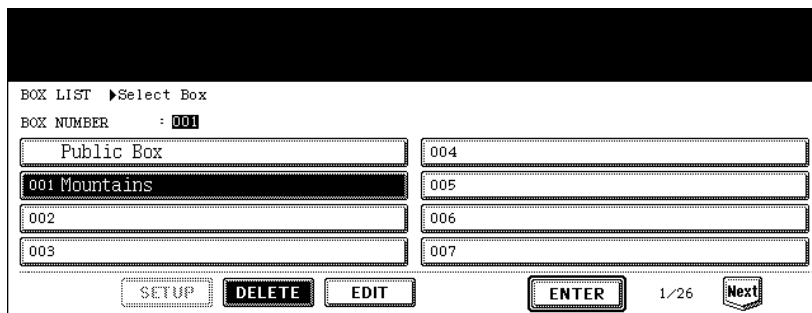
Unnecessary user boxes can be deleted. All folders and documents in the user boxes are also deleted.

- Public box cannot be deleted.

1 Press the [e-FILING] button on the control panel.

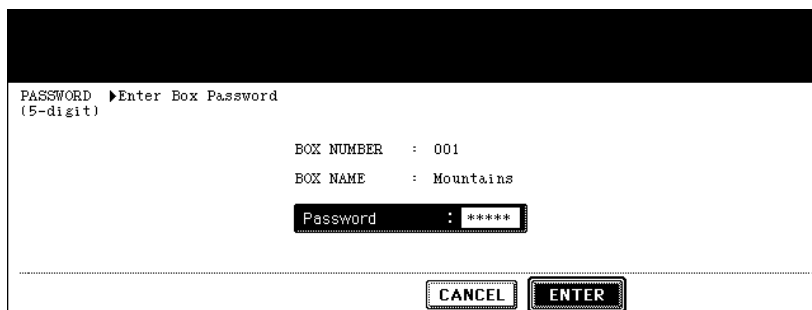


2 Select the box you want to delete, and then press the [DELETE] button.



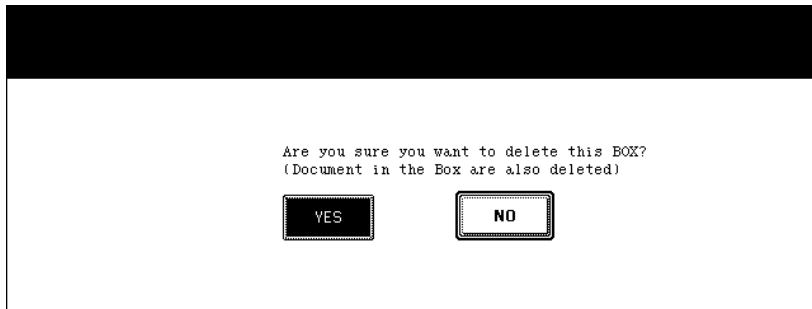
- If the desired box is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the box number.

3 Key in the password (5 digits) for the selected box, and then press the [ENTER] button.



- If no password was set when the box was created, skip to step 4.

4 “Are you sure you want to delete this box?” appears. Press the [Yes] button to delete the box.



- The box is deleted.

5. Storing Documents in e-Filing

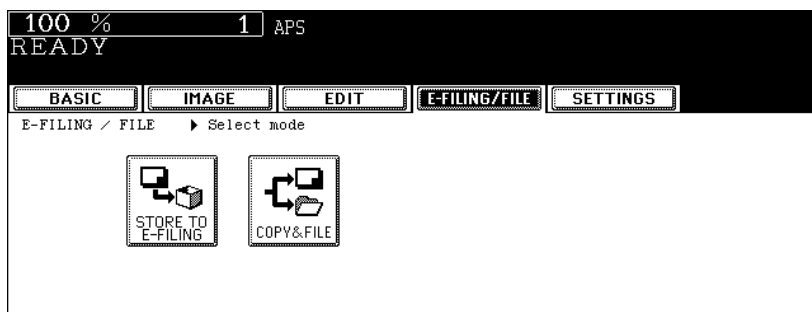
Scanned original data can be stored in e-Filing. The copy mode settings will be saved with the e-Filing document. You can copy originals and store the data at one time. After storing the original data, you can print them out at any time.

- There are two types of e-Filing, public box and user boxes. To store the data in a user box, you need to set it up in advance. (P.178 “2.Creating User Boxes”)
- The data scanned with the scanning function can be also stored in e-Filing by installing the Scanner Kit (optional). The stored data can be downloaded to the client PC as a PDF, TIFF or XPS file. For details, refer to the Scanning Guide and the e-Filing Guide.

1 Place the original(s).

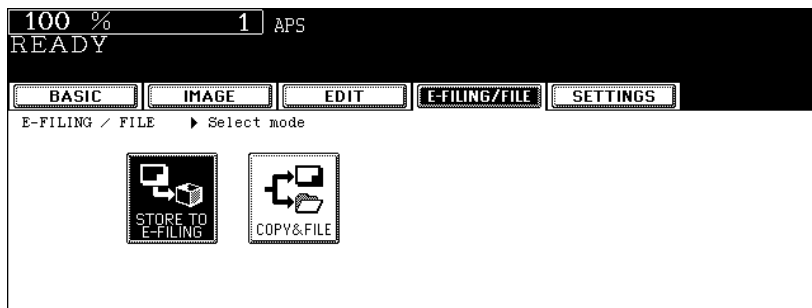
- Up to 100 folders can be created in one e-Filing, and a maximum of 400 documents can be stored in one folder. The maximum number of original pages is 200. (However this may be restricted depending on the amount of free space of the hard disk in this equipment.)
- Set the copy mode as required.

2 Press the [E-FILING/FILE] button to enter the e-Filing/file menu.



6

3 Press the [STORE TO E-FILING] button.



4 Press the [BOX/FOLDER] button.

100 % 1 APS
READY

BASIC IMAGE EDIT **E-FILING/FILE** SETTINGS

STORE TO E-FILING ▶ Select box and folder

BOX/FOLDER BOX NUMBER :
 BOX NAME :
 FOLDER NAME :

DOCUMENT NAME : DOC031002

CANCEL ENTER

5 Select the box in which you want to store the document, and then press the [ENTER] button.

6

BOX LIST ▶ Select Box

BOX NUMBER : 001

Public Box	004
001 Mountains	005
002	006
003	007

CANCEL ENTER 1/26 Next

- If the desired box is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the box number.

When the password entry menu is displayed

When the password entry menu is displayed, the password is set in the selected user box. Key in the password and press the [ENTER] button.

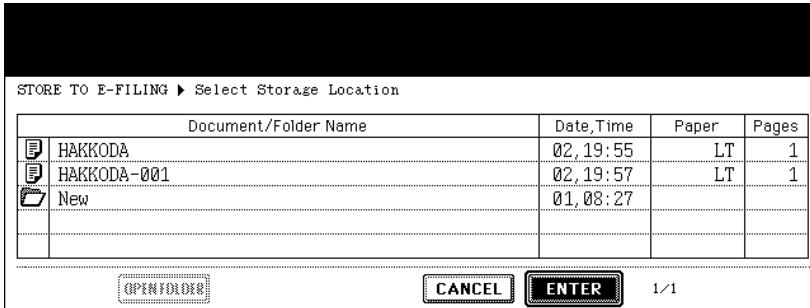
PASSWORD ▶ Enter Box Password
(5-digit)

BOX NUMBER : 001
 BOX NAME : Mountains

Password : *****

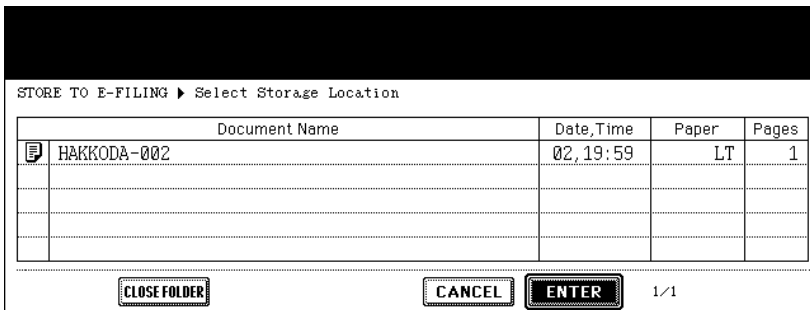
CANCEL ENTER

6 The document list in the selected box is displayed. Press the [ENTER] button to store in this box.



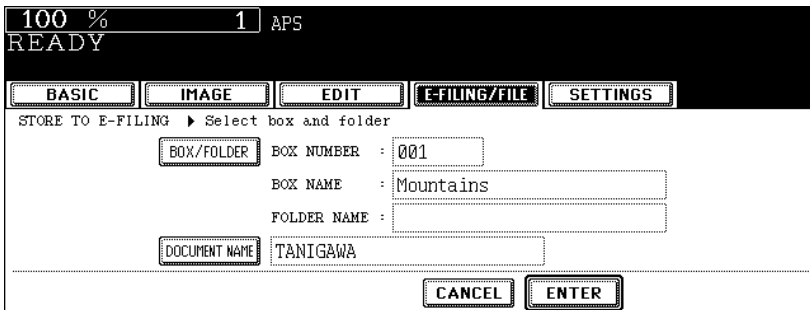
To store the document in the folder

To store the document in the folder, select the folder to be stored, press the [OPEN FOLDER] button. The document list in the selected folder is displayed. Press the [ENTER] button to store in this folder.



- If you want to close the folder and go back to the box above, press the [CLOSE FOLDER] button.
- Creating the folder can be performed from the client PC using “TopAccess”. For details, see e-Filing Guide.

7 Press the [DOCUMENT NAME] button, and then enter the document name.



- When the [DOCUMENT NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 64 characters can be entered.

8 Press the [ENTER] button.

100 % 1 APS
READY

BASIC IMAGE EDIT **E-FILING/FILE** SETTINGS

STORE TO E-FILING ▶ Select box and folder

BOX/FOLDER BOX NUMBER : 001
BOX NAME : Mountains
FOLDER NAME :
DOCUMENT NAME : TANIGAWA

CANCEL ENTER

9 “PRINT THIS DOCUMENT?” appears. Press the [YES] button to store and print it out at one time.

100 % 1 APS
READY

BASIC IMAGE EDIT **E-FILING/FILE** SETTINGS

>PRINT THIS DOCUMENT ?

YES NO

CANCEL

- If you want to store the document without printing it, press the [NO] button.

10 Press the [START] button.

- The reading and storing of the documents starts.

Tip

When the original is placed on the original glass or on the Reversing Automatic Document Feeder (optional) in the Single original feeding mode, the following menu is displayed. Setting the original on the original glass: When the next original is placed, the [YES] button and then the [START] button are pressed, storing of the document starts. Setting the original on the Reversing Automatic Document Feeder in the single original feeding mode: When the next original is placed on the Reversing Automatic Document Feeder, storing of the document starts. After the last page has finished being scanned, press the [FINISHED] button.

100 % 1 LT

READY

BASIC IMAGE EDIT **E-FILING/FILE** SETTINGS


>NEXT ORIGINAL ?

YES FINISHED

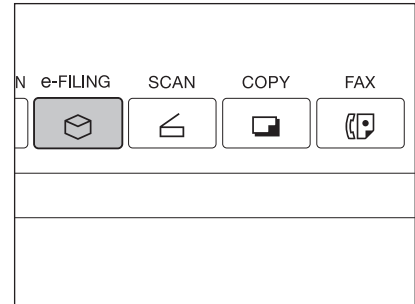
6. Printing Stored Documents

Stored documents can be printed out. You can also print out a part of a document and change the setting in the finishing mode or the like before printing the documents.

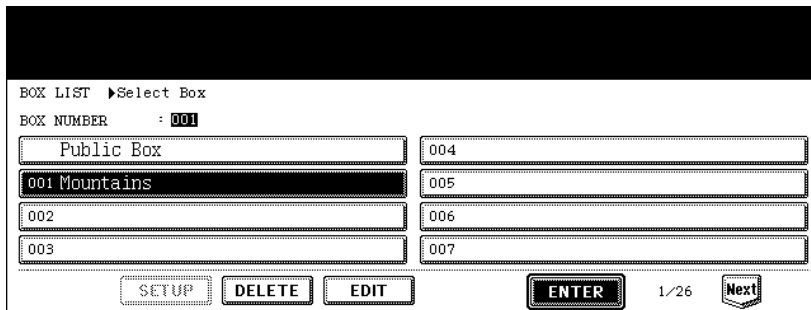
Printing the whole document

All pages of the document are printed. If printing multiple copies is desired, see  P.192 “Printing the stored document after changing the settings”.

- 1 Press the [e-FILING] button on the control panel.

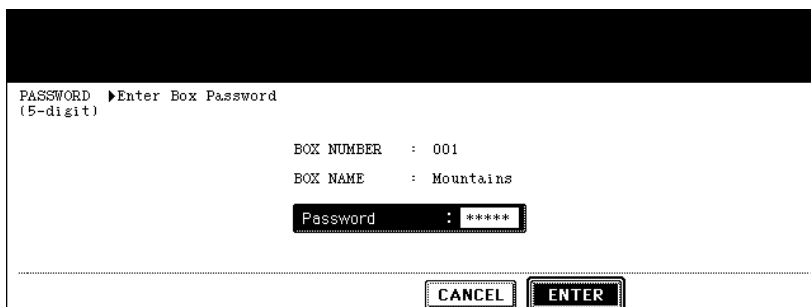


- 2 Select the box in which the desired printing document is stored, and then press the [ENTER] button.



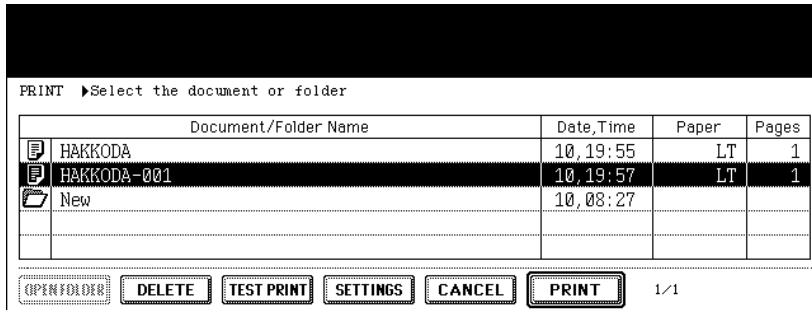
- If the desired box is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the box number.

- 3 Key in the password (5 digits) for the selected box, and then press the [ENTER] button.



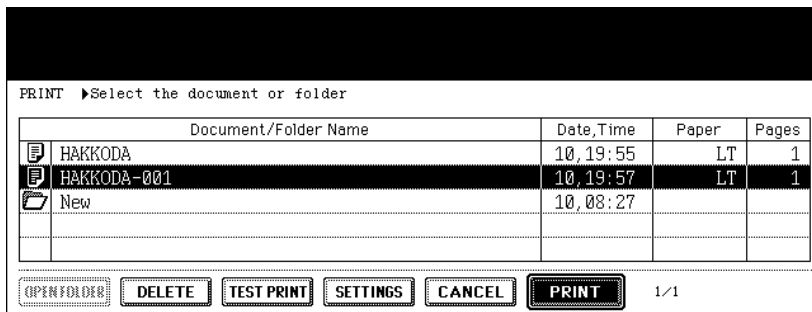
- If no password was set when the box was registered, skip to step 4.

4 Select the document to be printed.



- To print a document in the folder, select the folder in which you want to print the document out and press the [OPEN FOLDER] button. Select the desired document on the menu.

5 Press the [PRINT] button.




- Printing starts.

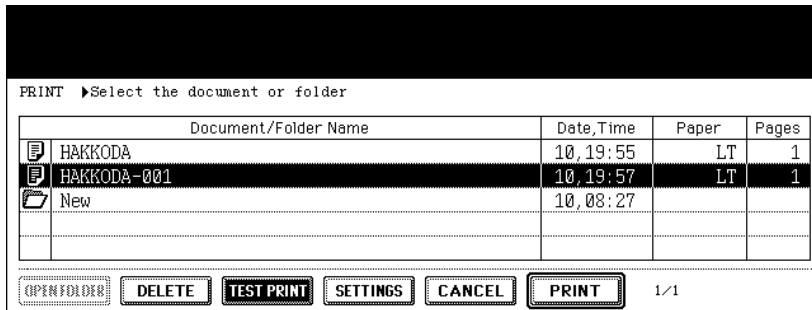
To stop printing a stored document during the operation

Select the job you want to stop from the print job menu or scan job menu, and then press the [DELETE] button. For details, see [P.233 "8.JOB STATUS"](#).

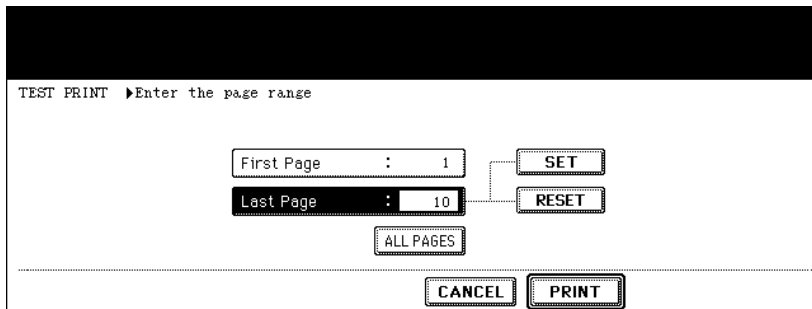
Test printing

A part of a document of several pages can be printed out.

- 1 Select the document to be printed according to steps 1 to 4 of  P.189 “Printing the whole document”.
- 2 Press the [TEST PRINT] button.

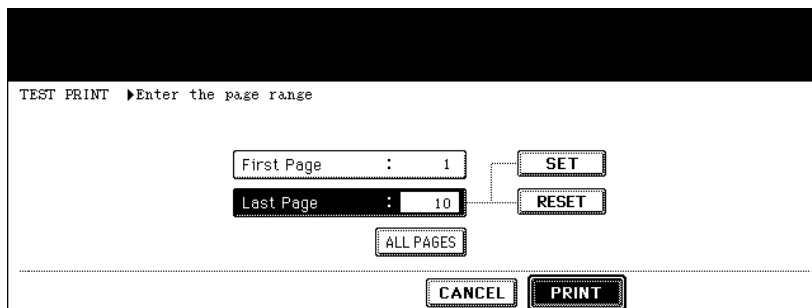


- 3 Key in the number of the last page and press the [SET] button. Then key in the number of the first page.



- To correct the pages, press the [CLEAR] button on the control panel.
- To print all pages, press the [ALL PAGES] button.

4 Press the [PRINT] button.



- Printing of the set pages starts.

To stop printing a stored document during this operation

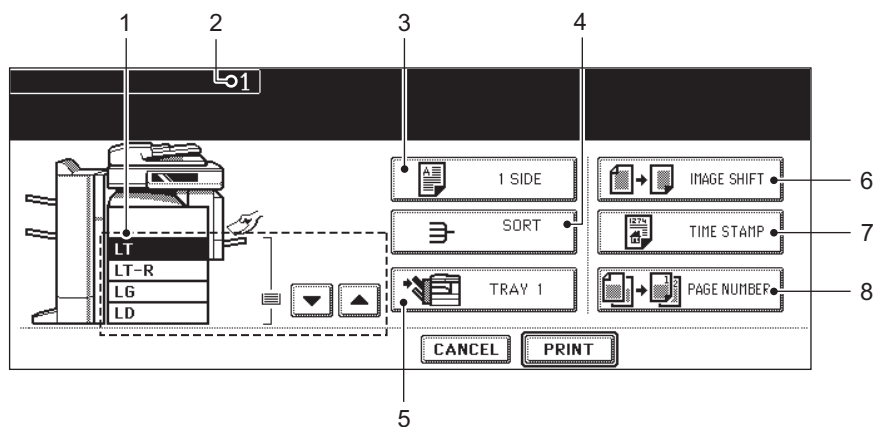
Select the job you want to stop from the print job menu or scan job menu, and then press the [DELETE] button. For details, see [P.233](#) "8.JOB STATUS".

6

Printing the stored document after changing the settings

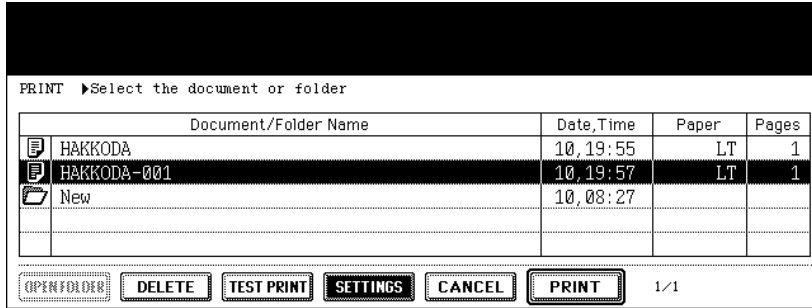
The following settings are available before the stored document is printed.

1. Paper source (Press the drawer icon to be set as a paper source. However, the paper in the drawer selected for the paper source is used only when its size and type correspond to those of the documents in the box.)
2. Number of printings (Key them in.)
3. Simplex printing / duplex printing
4. Finishing mode (Selecting the mode is limited depending on the installed optional equipment.)
5. Paper exit (Available when the finisher (optional) is installed)
6. Image shift position
7. Added date and time position
8. Page number position



1 Select the document to be printed according to steps 1 to 4 of  P.189 “Printing the whole document”.

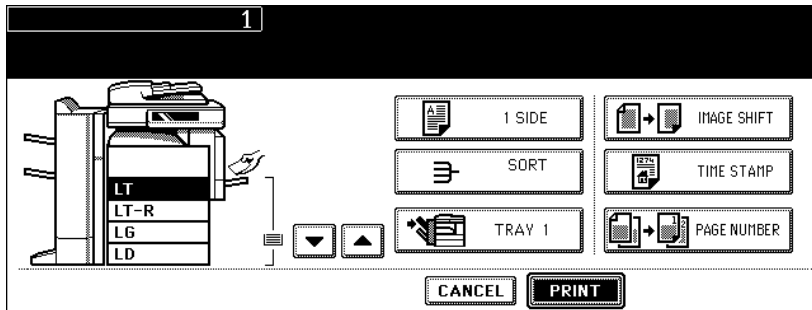
2 Press the [SETTINGS] button.



3 Set the printing modes as required.


- See the eight items mentioned above for the setting mode. To set items 3 to 8, press the button and set the required setting on the menu.

4 Press the [PRINT] button.



- Printing starts.

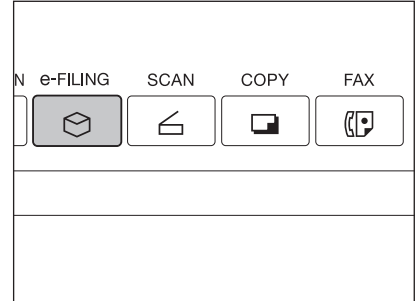
To stop printing a stored document during this operation

Select the job you want to stop from the print job menu or scan job menu, and then press the [DELETE] button. For details, see  P.233 “8.JOB STATUS”.

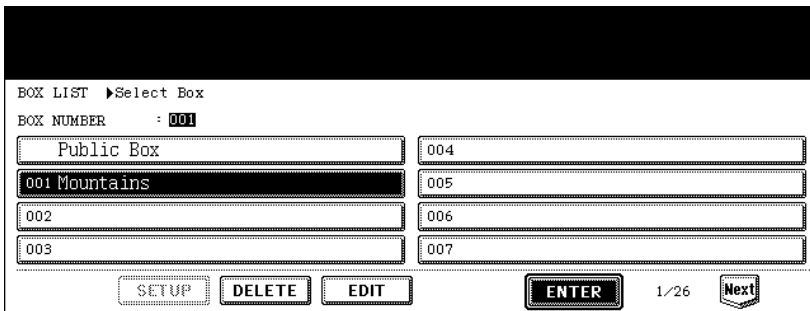
7. Deleting Folders or Documents

Unnecessary folders or documents can be deleted. If a folder is deleted, all documents in the folder are also deleted.

1 Press the [e-FILING] button on the control panel.

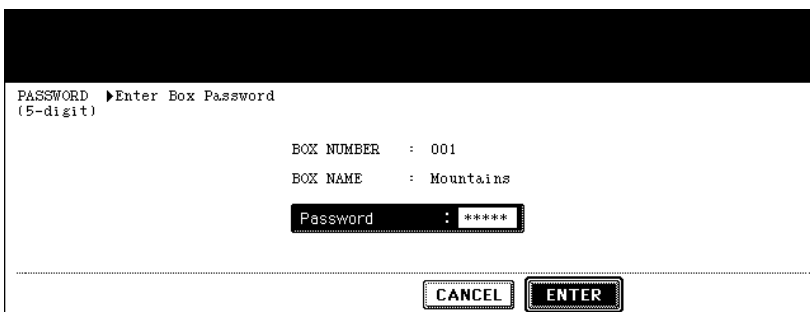


2 Select the box in which you want to delete the folder or document, and then press the [ENTER] button.



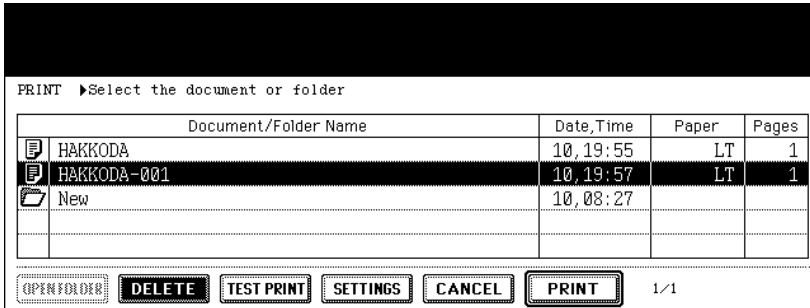
- If the desired box is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the box number.

3 Key in the password (5 digits) for the selected box, and then press the [ENTER] button.



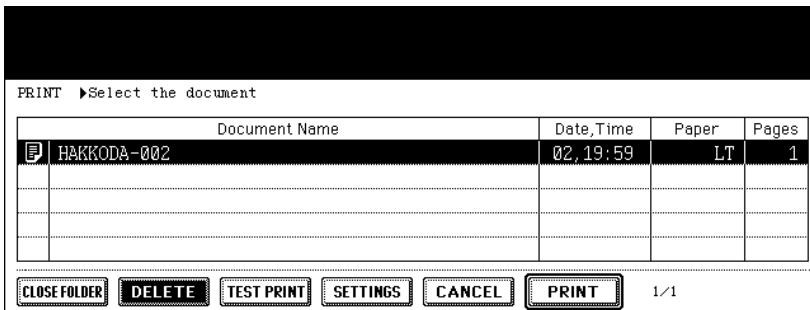
- If no password was set when the box was created, skip to step 4.

4 Select the folder or document to be deleted, and then press the [DELETE] button.

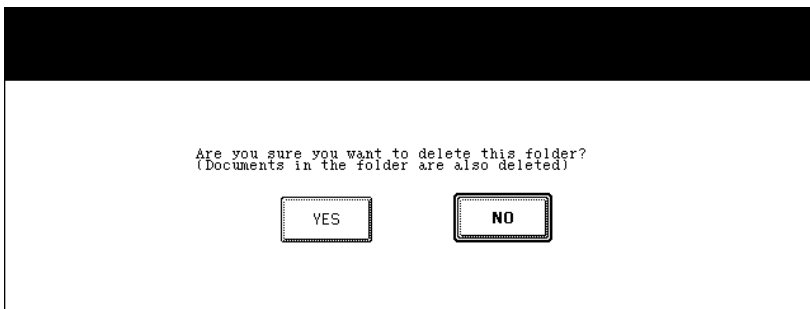


To delete a document in the folder

To delete a document in the folder, select the folder in which you want to delete the document and press the [OPEN FOLDER] button. Select the desired document and press the [DELETE] button.



5 “Are you sure you want to delete this folder?” or “Are you sure you want to delete this document?” appears. Press the [Yes] button to perform deletion.



- The folder or document is deleted.
If a folder is deleted, all the documents in the folder are also deleted.

8. Appendix

Storing documents in the shared folder

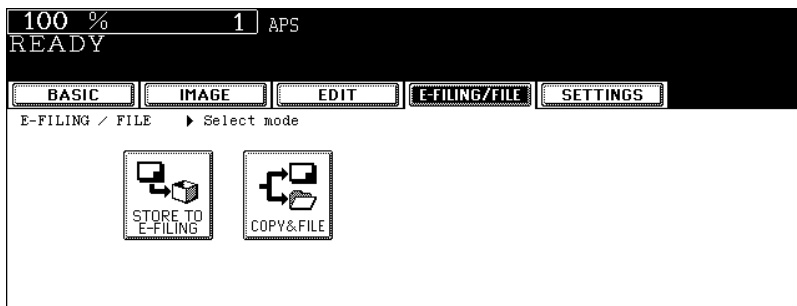
Scanned original data can be stored in the shared folder. You can copy originals and store the data at the same time.

Tips

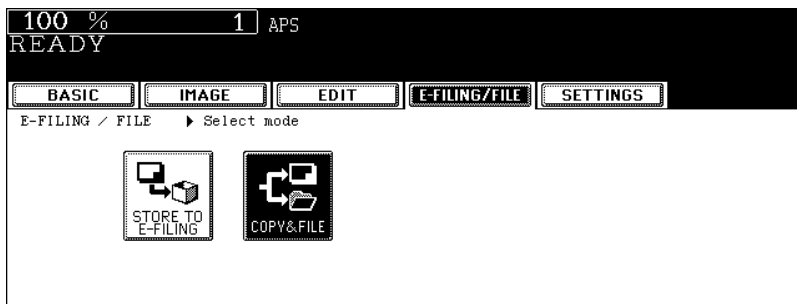
- Data can be stored in the TIFF, PDF or XPS format.
- Data can be stored in the [MFP LOCAL] (hard disk in the equipment) as well as [REMOTE 1] and [REMOTE 2] (hard disk of a computer connected with the equipment in the network).
To set "REMOTE 1" and "REMOTE 2", ask your network administrator.
- To enable "Copy & File", the Scanner Kit or the Printer/Scanner Kit (both optional) is required.

1 Place the original(s).

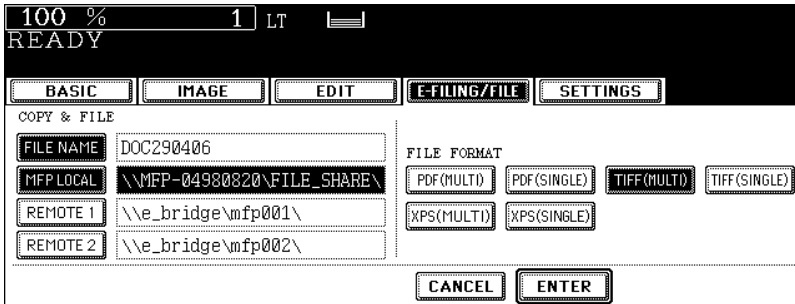
2 Press the [E-FILING/FILE] button on the basic menu to enter the e-Filing/file menu.



3 Press the [COPY & FILE] button.

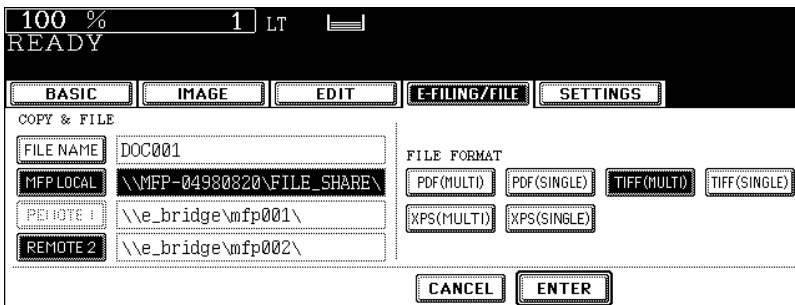


4 Press the [FILE NAME] button.



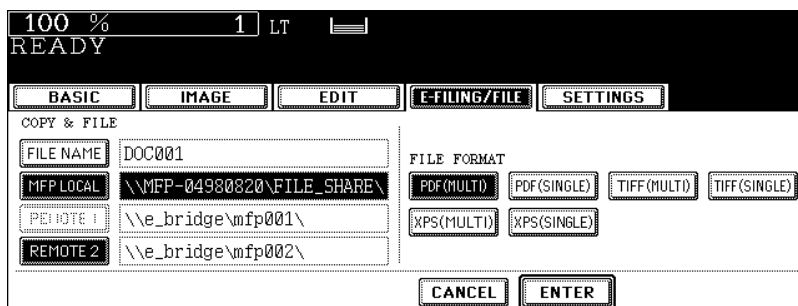
When the [FILE NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 45 characters can be entered.

5 Select the destination you want to store the data.



- Any two of the destinations [MFP LOCAL], [REMOTE 1] and [REMOTE 2] can be selected at one time.
- If you press the [REMOTE 1] or [REMOTE 2] button, you may need to specify the computer in which you want to store the data. See "6. Copy & File" in the Scanning Guide for details.

6 Select the format in which the data are stored.



PDF (MULTI)

Scanned originals are stored as one PDF file.

PDF (SINGLE)

A folder is created and each page of the scanned original is stored into this folder separately as a PDF file.

E.g.: A three-page original is stored as three PDF files.

TIFF (MULTI)

Scanned originals are stored as one TIFF file.

TIFF (SINGLE)

A folder is created and each page of the scanned original is stored into this folder separately as a PDF file.

E.g.: A three-page original is stored as three TIFF files.

XPS (MULTI)

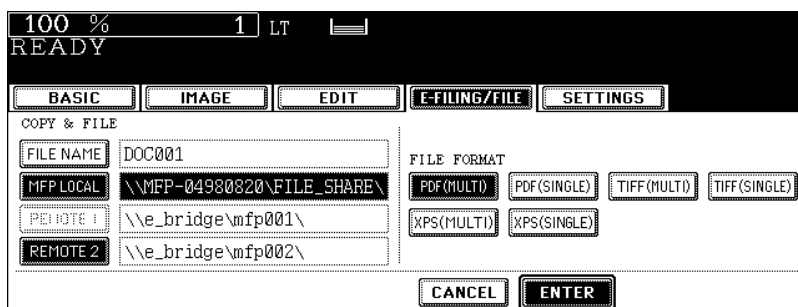
Scanned originals are stored as one XPS file.

XPS (SINGLE)

A folder is created and each page of the scanned original is stored into this folder separately as a XPS file.

E.g.: A three-page original is stored as three XPS files.

7 Press the [ENTER] button.



8 Press the [START] button.

- The scanning, storing and copying of the documents starts.

Tip

When the original is placed on the original glass or on the Reversing Automatic Document Feeder (optional) in the single original feeding mode, the following menu is displayed. Setting the original on the original glass: When the next original is placed, the [YES] button and then the [START] button are pressed, storing of the document starts.

Setting the original on the Reversing Automatic Document Feeder in the single original feeding mode: When the next original is placed on the Reversing Automatic Document Feeder, storing of the document starts. After the last page has finished being scanned, press the [FINISHED] button.



7. TEMPLATE

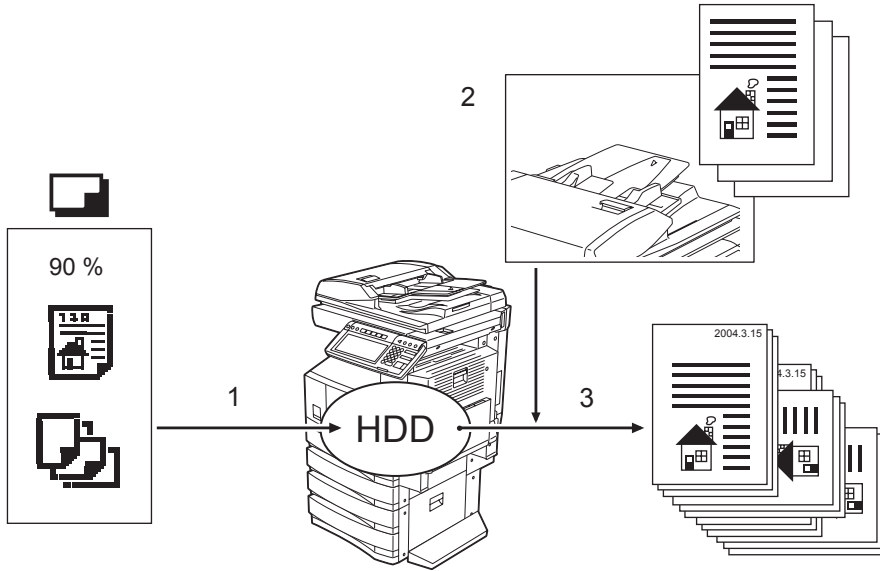
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3. Changing Data of User Groups and Templates	216
4. Recalling Templates	224
5. Deleting User Groups or Templates	229

1. Template

A combination of functions frequently used can be registered as a template and recalled as required. Templates can be used with the copy, scanning and Fax functions.

- To use Fax functions, the optional Fax Unit is required.
- To use scanning functions, the Scanner Kit or the Printer/Scanner Kit (both optional) is required.

The following illustration shows the outline of a template function.

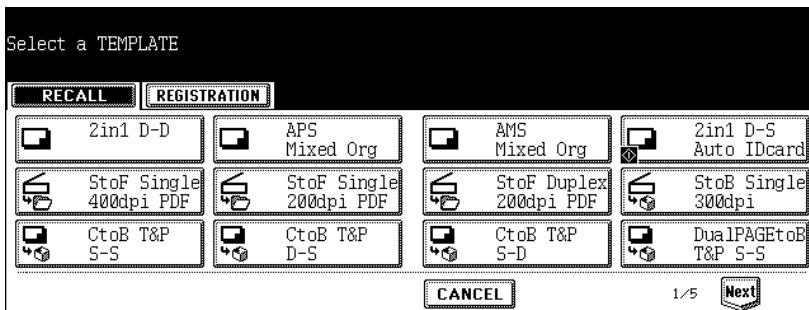


1. Register the combination of the functions to the template.
2. Place the original.
3. Recall the desired template, and then make a copy.

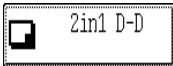



Template in “Useful Template”

In this equipment, 12 templates are included by default. They are registered to be available in the user group number 001 “Useful Template”.





- To recall the template, see [P.226](#) “When recalling a template in a user group”.





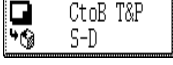

Template using the copying function

Button	Function *1
 2in1 D-D	"2-Sided original -> 2-Sided copy" is performed in the 2IN1 mode.
 APS Mixed Org	Mixed-size originals are copied in Auto Paper Selection mode.
 AMS Mixed Org	Mixed-size originals are copied in Auto Multiplying Selection mode.
 2in1 D-S Auto IDcard	Small 2-sided originals such as business cards, etc. can be copied in full size on one side of the copy paper in the 2IN1 mode. <ul style="list-style-type: none"> Place the original on the original glass, before recalling a template. After the scanning of the 2-sided original is finished, press the [FINISHED] button.

Template using the scanning function

Button	Function *1
 StoF Single 400dpi PDF	1-Sided original is scanned at 400dpi resolution, then stored in the shared folder of this equipment as a PDF file.
 StoF Single 200dpi PDF	1-Sided original is scanned at 200dpi resolution, then stored in the shared folder of this equipment as a PDF file.
 StoF Duplex 200dpi PDF	2-Sided original is scanned at 200dpi resolution, then stored in the shared folder of this equipment as a PDF file.
 StoB Single 300dpi	1-Sided original is scanned at 300dpi resolution, then stored in the shared e-Filing box of this equipment.

Template using the e-Filing function

Button	Function *1
 CtoB T&P S-S	Data are read in the Text/Photo mode and with "1-Sided original -> 1-Sided copy", then stored in the e-Filing box.
 CtoB T&P D-S	Data are read in the Text/Photo mode and with "2-Sided original -> 1-Sided copy", then stored in the e-Filing box.
 CtoB T&P S-D	Data are read in the Text/Photo mode and with "1-Sided original -> 2-Sided copy", then stored in the e-Filing box.
 DualPAGEtoB T&P S-S	Data are read in the Text/Photo mode and with "1-Sided original -> 1-Sided copy" using the dual-page mode, then stored in the e-Filing box.

*1 The functions not described in the "Function" field are set by default.

2. Registering User Groups and Templates

A template can be registered either in “PUBLIC TEMPLATE GROUP” or “USER GROUP” depending on your purpose. Passwords can be set to restrict the unauthorized use of a template.

PUBLIC TEMPLATE GROUP:

This is prepared as a default setting. Anyone can use a template registered in this group.

It is useful if the setting combinations of functions frequently used throughout the company or organization are registered in this group. Up to 60 templates can be registered.

- When registering a template in the public template group, keying in the Admin Password is required.

USER GROUP:

Up to 200 groups can be registered. It is useful if you register each department, section or person as a user group. Up to 60 templates can be registered in each group. Passwords can be set for the user groups.

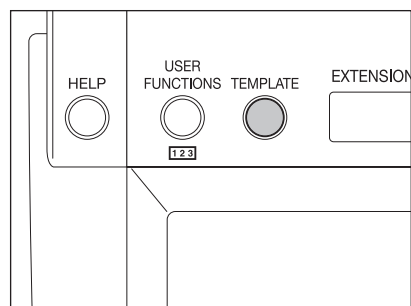
- “Useful Template” is registered to be available in user group number 001.

Registering a template in the public template group

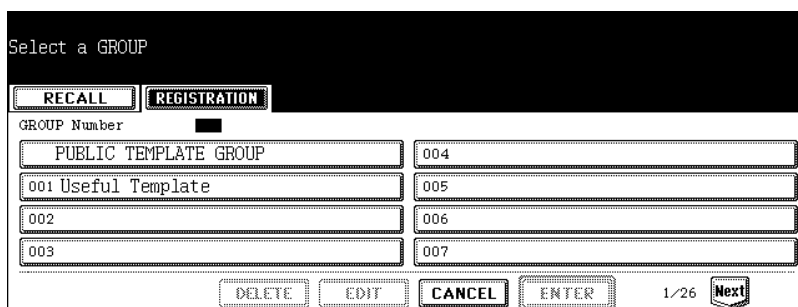
1 Set every function you want to include in the combination.

- e.g.: Setting “Image shift”, “90% reduction” and “10 sets of copies” of the copy function.

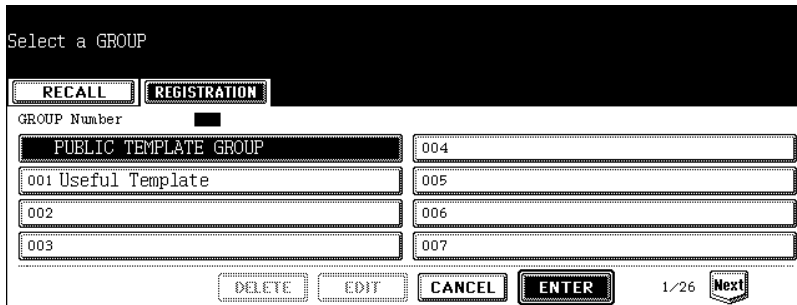
2 Press the [TEMPLATE] button on the control panel.



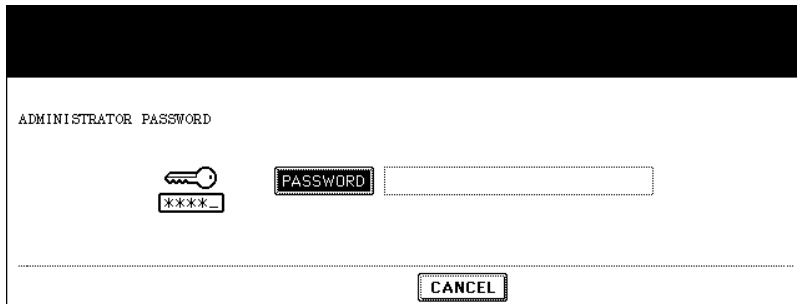
3 Press the [REGISTRATION] button on the touch panel.



4 Press the [PUBLIC TEMPLATE GROUP], and then press the [ENTER] button.



5 Press the [PASSWORD] button.



- The letter entry menu is displayed.

6 Key in the Admin Password (6 to 10 digits) with the keys on the letter entry menu and the digital keys, and then press the [ENTER] button.

- If an incorrect Admin Password is entered three times in a row, this equipment will not be able to be operated for approx. 30 sec. In that case, wait until it becomes available and then enter the correct Admin Password again.



- The corresponding buttons of the template registered in the public template group are displayed.

7 Press the blank key, and then press the [SAVE] button.

Select a TEMPLATE

RECALL REGISTRATION

COPY MODE
001

DELETE EDIT CANCEL SAVE 1/5 Next

8 Press the [NAME1] button and the [NAME2] button, and then enter the template name.

RECALL REGISTRATION

PUBLIC TEMPLATE GROUP

NAME 1 COPY MODE

NAME 2 002

USER NAME

PASSWORD

AUTOMATIC START

ENABLE DISABLE

This icon is indicated when an automatic start is enabled.

CANCEL SAVE

- [NAME 1] is displayed on the upper side and [NAME 2] is displayed on the lower side of the template button. Enter [NAME 1] and/or [NAME 2]. When both are entered, [NAME 1] is displayed on the upper side and [NAME 2] on the lower side of the button.
- When the [NAME 1] or [NAME 2] button is pressed, the letter entry menu (P.35) is displayed. Up to 11 characters can be entered.
- The following symbols cannot be used for [NAME 1] and [NAME 2].
[], [=], [], [], [*], [<], [>], [?], [+], [], [], [], [], [/], [\], [], []

9 Press the [USER NAME] button, and then enter the user name of the template as required.

RECALL REGISTRATION

PUBLIC TEMPLATE GROUP

NAME 1 COPY MODE

NAME 2 002

USER NAME GUEST

PASSWORD

AUTOMATIC START

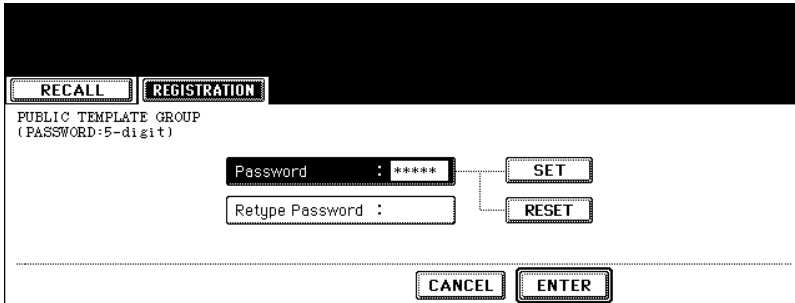
ENABLE DISABLE

This icon is indicated when an automatic start is enabled.

CANCEL SAVE

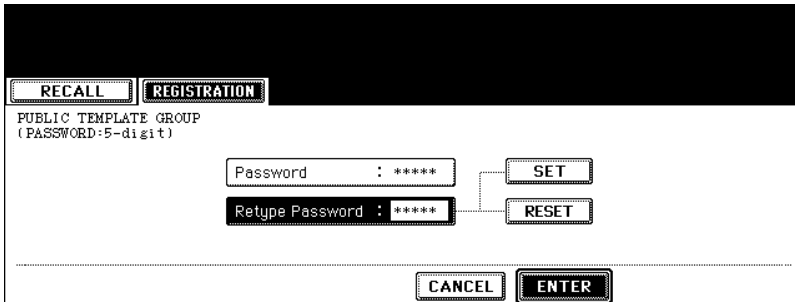
- When the [USER NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 30 characters can be entered.
- To set the password, proceed to step 10. If not, skip to step 12.

10 Key in the password in “Password” as required, and then press the [SET] button.





- Be sure to key in the 5-digit password.
- * (asterisk) is displayed in “Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.
- When the [SET] button is pressed, “Retype Password” becomes highlighted.

11 Key in the password in “Retype Password”, and then press the [ENTER] button.



- * (asterisk) is displayed in “Retype Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.

12 Select whether to enable “AUTOMATIC START” or not when the template is recalled.

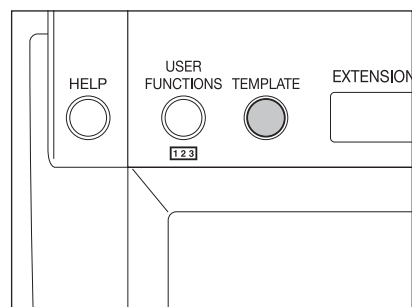
- Press the [ENABLE] or [DISABLE] button.
- When [ENABLE] is selected, the  icon is added to the template button. (The operation of the setting functions is automatically started by pressing the template button with the  icon when the template is recalled. However, if a password is set for the template, you need to key it in when an operation with the function set to the template is performed, though automatic start is enabled.)

13 Press the [SAVE] button.

- The screen returns to the one of step 1, which is the menu before the [TEMPLATE] button on the control panel is pressed.

Registering the new user group

1 Press the [TEMPLATE] button on the control panel.



2 Press the [REGISTRATION] button on the touch panel.

Select a GROUP

RECALL REGISTRATION

GROUP Number

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002	006
003	007

DELETE EDIT CANCEL ENTER 1/26 Next

3 Select an unregistered user group between “002” and “200”, and then press the [ENTER] button.

Select a GROUP

RECALL REGISTRATION

GROUP Number 002

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002	006
003	007

DELETE EDIT CANCEL ENTER 1/26 Next

- If the desired user group is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the user group number.

4 Press the [NAME] button, and then enter the user group name.

RECALL REGISTRATION

TEMPLATE GROUP :

NAME	COMMON
USER NAME	
PASSWORD	

CANCEL ENTER

- When the [NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 20 characters can be entered.

5 Press the [USER NAME] button, and then enter the user name of the user group as required.

The screenshot shows a control panel with two tabs: "RECALL" and "REGISTRATION". Under "REGISTRATION", the text "TEMPLATE GROUP :" is followed by three input fields: "NAME" with the value "COMMON", "USER NAME" with the value "USER01", and "PASSWORD" which is empty. Below these fields are two buttons: "CANCEL" and "ENTER".

- When the [USER NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 30 characters can be entered.
- To set the password, proceed to step 6. If not, skip to step 8.

6 Key in the password in "Password" as required, and then press the [SET] button.

The screenshot shows the same control panel as in step 5. The "PASSWORD" field now contains five asterisks "*****". The "SET" button is highlighted with a dashed border. The "RETYPE PASSWORD" field is empty. The "CANCEL" and "ENTER" buttons are still visible at the bottom.

- Be sure to key in the 5-digit password.
- * (asterisk) is displayed in "Password" when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.
- When the [SET] button is pressed, "Retype Password" becomes highlighted.

7 Key in the password in "Retype Password", and then press the [ENTER] button.

The screenshot shows the same control panel. The "RETYPE PASSWORD" field now contains five asterisks "*****". The "ENTER" button is highlighted with a dashed border. The "PASSWORD" field still contains "*****". The "SET" and "RESET" buttons are also visible.

- * (asterisk) is displayed in "Retype Password" when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.

8 Press the [ENTER] button.

The screenshot shows a registration screen with two tabs: 'RECALL' and 'REGISTRATION'. The 'REGISTRATION' tab is active. Below the tabs, it says 'TEMPLATE GROUP :'. There are three input fields: 'NAME' with the value 'COMMON', 'USER NAME' with the value 'USER01', and 'PASSWORD' with the value '*****'. At the bottom right, there are two buttons: 'CANCEL' and 'ENTER'.

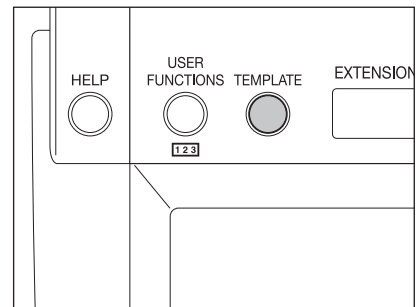
- The user group is registered.

Registering a template in the user group

1 Set every function you want to include in the combination.

- e.g.: Setting "Image shift", "90% reduction" and "10 sets of copies" of the copy function.

2 Press the [TEMPLATE] button on the control panel.



7

3 Press the [REGISTRATION] button on the touch panel.

The screenshot shows a screen titled 'Select a GROUP'. It has two tabs: 'RECALL' and 'REGISTRATION'. The 'REGISTRATION' tab is active. Below the tabs, it says 'GROUP Number' followed by a small black box. There is a list of groups with their corresponding numbers:

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002 COMMON	006
003	007

At the bottom, there are four buttons: 'DELETE', 'EDIT', 'CANCEL', and 'ENTER'. To the right of the buttons, it says '1/26' and a 'Next' button.

4 Select the desired user group, and then press the [ENTER] button.

Select a GROUP

RECALL REGISTRATION

GROUP Number 002

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002 COMMON	006
003	007

DELETE EDIT CANCEL ENTER 1/26 Next

- If the desired user group is not displayed, press the [Prev] or [Next] button to switch the menu.

5 Key in the password (5 digits) for the selected user group, and then press the [ENTER] button.

PASSWORD
(5-digit)

NAME : COMMON
USER NAME : USER01

Password : *****

CANCEL ENTER

- If no password was set when the user group was registered, skip to step 6.

6 The corresponding buttons of the template registered in the user group are displayed. Press the blank key, and then press the [SAVE] button.

Select a TEMPLATE

RECALL REGISTRATION

COPY MODE 001			

DELETE EDIT CANCEL SAVE 1/5 Next

7 Press the [NAME1] button and the [NAME2] button, and then enter the template name.

The screenshot shows a control panel interface with a black header bar containing two buttons: "RECALL" and "REGISTRATION". Below the header, the text "TEMPLATE GROUP : COMMON" is displayed. On the left side, there are four input fields: "NAME 1" containing "COPY MODE", "NAME 2" containing "002", "USER NAME" (empty), and "PASSWORD" (empty). On the right side, there is an "AUTOMATIC START" section with "ENABLE" and "DISABLE" buttons. Below these buttons is a small square icon with a downward arrow and the text "This icon is indicated when an automatic start is enabled." At the bottom of the screen are "CANCEL" and "SAVE" buttons.

- [NAME 1] is displayed in the upper side and [NAME 2] is displayed in the lower side of the template button. Enter [NAME 1] and/or [NAME 2]. When both are entered, [NAME 1] is displayed in the upper side and [NAME 2] is displayed in the lower side of the button.
- When the [NAME 1] or [NAME 2] button is pressed, the letter entry menu (P.35) is displayed. Up to 11 characters can be entered.
- The following symbols cannot be used for [NAME 1] and [NAME 2].
[], [=], [], [*], [<], [>], [?], [+], [], [], [], [], [/], [\], [], []

8 Press the [USER NAME] button, and then enter the user name of the template as required.

The screenshot shows the same control panel interface as in step 7. The "USER NAME" field now contains the text "GUEST01". All other elements, including the "NAME 1" and "NAME 2" fields, the "AUTOMATIC START" section, and the bottom buttons, remain the same.

- When the [USER NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 30 characters can be entered.
- To set the password, proceed to step 9. If not, skip to step 11.

9 Key in the password in “Password” as required, and then press the [SET] button.

The screenshot shows a control panel with two tabs: **RECALL** and **REGISTRATION**. Below the tabs, the text reads: **TEMPLATE GROUP : COMMON** and **(PASSWORD:5-digit)**. There are two input fields: **Password : ******* and **Retype Password :**. The **Password** field is highlighted with a thick border. To the right of the **Password** field is a **SET** button, and to the right of the **Retype Password** field is a **RESET** button. At the bottom of the screen are **CANCEL** and **ENTER** buttons.

- Be sure to key in the 5-digit password.
- * (asterisk) is displayed in “Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.
- When the [SET] button is pressed, “Retype Password” becomes highlighted.



10 Key in the password in “Retype Password”, and then press the [ENTER] button.

The screenshot shows the same control panel as in step 9. The **REGISTRATION** tab is active. The text **TEMPLATE GROUP : COMMON** and **(PASSWORD:5-digit)** is present. The **Retype Password :** field is now highlighted with a thick border. The **SET** button is now disabled (faded), and the **RESET** button is active. The **ENTER** button at the bottom is also active.

- * (asterisk) is displayed in “Retype Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.

11 Select whether to enable “AUTOMATIC START” or not when the template is recalled.

The screenshot shows a control panel interface with two tabs: 'RECALL' and 'REGISTRATION'. The 'REGISTRATION' tab is active. Below the tabs, it displays 'TEMPLATE GROUP : COMMON'. There are four input fields: 'NAME 1' with 'COPY MODE', 'NAME 2' with '002', 'USER NAME' with 'GUEST01', and 'PASSWORD' with '*****'. To the right, under 'AUTOMATIC START', there are 'ENABLE' and 'DISABLE' buttons. The 'ENABLE' button is highlighted. Below these buttons, a small icon of a document with a checkmark is shown, with the text 'This icon is indicated when an automatic start is enabled.' At the bottom, there are 'CANCEL' and 'SAVE' buttons.

- Press the [ENABLE] or [DISABLE] button.
- When [ENABLE] is selected, the  icon is added to the template button. (The operation of the setting functions is automatically started by pressing the template button with the  icon when the template is recalled. However, if a password is set for the template, you need to key it in when an operation with the function set to the template is performed, though automatic start is enabled.)

12 Press the [SAVE] button.

This screenshot is identical to the one above, showing the 'REGISTRATION' screen. In this step, the 'SAVE' button at the bottom right is highlighted, indicating it should be pressed.

- The screen returns to the one of step 1, which is the menu before the [TEMPLATE] button on the control panel is pressed.

3. Changing Data of User Groups and Templates

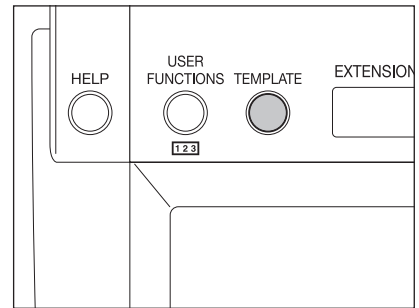
Registered names, user names and passwords of user groups or templates, and the automatic start setting of a template can be changed.

Tip

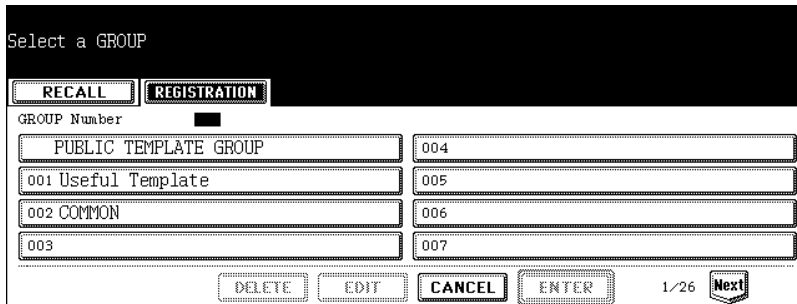
The data of a public group and the agent of a template cannot be changed from the control panel, but from "TopAccess". For details, see the TopAccess Guide.

Changing the data of a user group

- 1 Press the [TEMPLATE] button on the control panel.



- 2 Press the [REGISTRATION] button on the touch panel.



3 Select the user group you want to change, and then press the [EDIT] button.

Select a GROUP

RECALL REGISTRATION

GROUP Number 002

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002 COMMON	006
003	007

DELETE EDIT CANCEL ENTER 1/26 Next

- If the desired user group is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the user group number.

4 Key in the password (5 digits) for the selected user group, and then press the [ENTER] button.

PASSWORD
(5-digit)

NAME : COMMON
USER NAME : USER01

Password : *****

CANCEL ENTER

- If no password was set when the user group was registered, skip to step 5.

5 Press the [NAME] button, and then enter the new name of the user group.

RECALL REGISTRATION

TEMPLATE GROUP : COMMON

NAME	LOCAL
USER NAME	
PASSWORD	

CANCEL ENTER

- When the [NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 20 characters can be entered.

6 Press the [USER NAME] button, and then enter the new user name of the user group.

The screenshot shows the REGISTRATION screen with the following fields and buttons:

- Buttons: RECALL, REGISTRATION
- Text: TEMPLATE GROUP : COMMON
- Field: NAME LOCAL
- Field: USER NAME USER02
- Field: PASSWORD
- Buttons: CANCEL, ENTER

- When the [USER NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 30 characters can be entered.

7 Key in the new password in “Password”, and then press the [SET] button.

The screenshot shows the REGISTRATION screen with the following fields and buttons:

- Buttons: RECALL, REGISTRATION
- Text: TEMPLATE GROUP : COMMON
(PASSWORD:5-digit)
- Field: Password : *****
- Field: Retype Password :
- Buttons: SET, RESET
- Buttons: CANCEL, ENTER

- Be sure to key in the 5-digit password.
- * (asterisk) is displayed in “Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.
- When the [SET] button is pressed, “Retype Password” becomes highlighted.

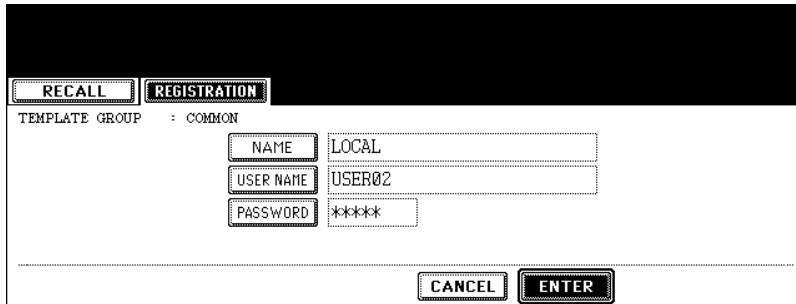
8 Key in the password in “Retype Password”, and then press the [ENTER] button.

The screenshot shows the REGISTRATION screen with the following fields and buttons:

- Buttons: RECALL, REGISTRATION
- Text: TEMPLATE GROUP : COMMON
(PASSWORD:5-digit)
- Field: Password : *****
- Field: Retype Password : *****
- Buttons: SET, RESET
- Buttons: CANCEL, ENTER

- * (asterisk) is displayed in “Retype Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.

9 Press the [ENTER] button.

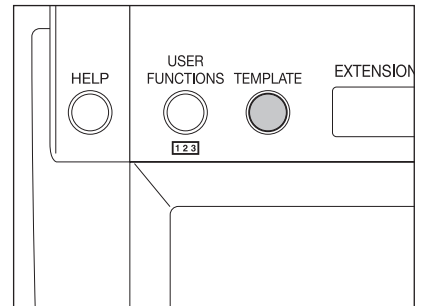


The screenshot shows a touch panel interface with two tabs: 'RECALL' and 'REGISTRATION'. The 'REGISTRATION' tab is active. Below the tabs, it says 'TEMPLATE GROUP : COMMON'. There are three input fields: 'NAME' with the value 'LOCAL', 'USER NAME' with the value 'USER02', and 'PASSWORD' with the value '*****'. At the bottom, there are two buttons: 'CANCEL' and 'ENTER'.

- The data of the user group are changed.

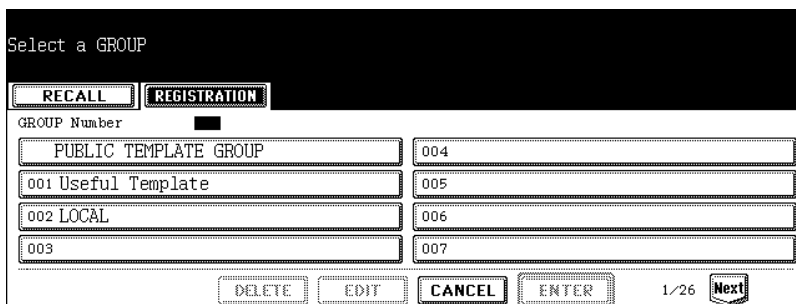
Changing the data of a template

1 Press the [TEMPLATE] button on the control panel.



7

2 Press the [REGISTRATION] button on the touch panel.



The screenshot shows a touch panel interface titled 'Select a GROUP'. It has two tabs: 'RECALL' and 'REGISTRATION'. Below the tabs, it says 'GROUP Number' followed by a small black square. There is a list of groups with two columns: the group name and its number. The groups are: 'PUBLIC TEMPLATE GROUP' (004), '001 Useful Template' (005), '002 LOCAL' (006), and '003' (007). At the bottom, there are five buttons: 'DELETE', 'EDIT', 'CANCEL', 'ENTER', and 'Next'. The 'Next' button has a small icon. The page number '1/26' is also visible.

3 Select the group in which the template to be changed was registered, and then press the [ENTER] button.

Select a GROUP

RECALL REGISTRATION

GROUP Number 002

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002 LOCAL	006
003	007

DELETE EDIT CANCEL ENTER 1/26 Next

- If the desired user group is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the user group number.

4 Enter the password, and then press the [ENTER] button.

When the public group is selected:

Press the [PASSWORD] button, and then key in the Admin Password (6 to 10 digits) with the keys on the letter entry menu and the digital keys.

- If an incorrect Admin Password is entered three times in a row, this equipment will not be able to be operated for approx. 30 sec. In that case, wait until it becomes available and then enter the correct Admin Password again.

When the user group is selected:

Key in the password (5 digits) for the selected user group. (If no password was set when the user group was registered, skip to step 5.)

PASSWORD
(5-digit)

NAME : LOCAL
USER NAME : USER02

Password : *****

CANCEL ENTER

5 Select the template to be changed, and then press the [EDIT] button.

Select a TEMPLATE

RECALL REGISTRATION

COPY MODE 001	COPY MODE 002		

DELETE EDIT CANCEL SAVE 1/5 Next

- If the desired template is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.

6 Key in the password (5 digits) for the selected template, and then press the [ENTER] button.

PASSWORD
(5-digit)

NAME : COPY MODE 002
USER NAME : GUEST01

Password : *****

CANCEL ENTER

- If no password was set when the template was registered, skip to step 7.

7 Press the [NAME1] button and the [NAME2] button, and then enter the new name of the template.

RECALL REGISTRATION

TEMPLATE GROUP : LOCAL

NAME 1 COPY MODE
NAME 2 005
USER NAME
PASSWORD

AUTOMATIC START
ENABLE DISABLE
This icon is indicated when an automatic start is enabled.

CANCEL ENTER

7

- When the [NAME 1] or [NAME 2] button is pressed, the letter entry menu (P.35) is displayed. Up to 11 characters can be entered.
- The following symbols cannot be used for [NAME 1] and [NAME 2].
[], [=], [], [*], [<], [>], [?], [+], [], [], [], [], [/], [\], [], []

8 Press the [USER NAME] button, and then enter the new user name of the template.

RECALL REGISTRATION

TEMPLATE GROUP : LOCAL

NAME 1 COPY MODE
NAME 2 005
USER NAME USER05
PASSWORD

AUTOMATIC START
ENABLE DISABLE
This icon is indicated when an automatic start is enabled.

CANCEL ENTER

- When the [USER NAME] button is pressed, the letter entry menu (P.35) is displayed. Up to 30 characters can be entered.

9 Key in the new password in “Password”, and then press the [SET] button.

The screenshot shows a control panel with two tabs: 'RECALL' and 'REGISTRATION'. Below the tabs, the text reads 'TEMPLATE GROUP : LOCAL (PASSWORD:5-digit)'. There are two input fields: 'Password : *****' and 'Retype Password :'. The 'Password' field is highlighted with a thick border. To the right of the 'Password' field is a 'SET' button, and to the right of the 'Retype Password' field is a 'RESET' button. At the bottom of the panel are 'CANCEL' and 'ENTER' buttons.

- Be sure to key in the 5-digit password.
- * (asterisk) is displayed in “Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.
- When the [SET] button is pressed, “Retype Password” becomes highlighted.



10 Key in the password in “Retype Password”, and then press the [ENTER] button.

The screenshot shows the same control panel as in step 9. The 'Retype Password : *****' field is now highlighted with a thick border. The 'SET' button is still to the right of the 'Password' field, and the 'RESET' button is to the right of the 'Retype Password' field. The 'ENTER' button at the bottom is now highlighted with a thick border.

- * (asterisk) is displayed in “Retype Password” when the password is entered.
- To correct the entered password, press the [CLEAR] button on the control panel.

11 Change the setting of “AUTOMATIC START” for recalling the template.

The screenshot shows a menu with two tabs: 'RECALL' and 'REGISTRATION'. The 'REGISTRATION' tab is active. Below the tabs, it says 'TEMPLATE GROUP : LOCAL'. There are four input fields: 'NAME 1' with 'COPY MODE', 'NAME 2' with '005', 'USER NAME' with 'USER05', and 'PASSWORD' with '*****'. To the right, under 'AUTOMATIC START', there are two buttons: 'ENABLE' (which is highlighted) and 'DISABLE'. Below these buttons is a small icon of a document with a checkmark and the text 'This icon is indicated when an automatic start is enabled.' At the bottom are 'CANCEL' and 'ENTER' buttons.

- Press the [ENABLE] or [DISABLE] button.
- When [ENABLE] is selected, the  icon is added to the template button. (The operation of the setting functions is automatically started by pressing the template button with the  icon when the template is recalled. However, if a password is set for the template, you need to key it in when an operation with the function set to the template is performed, though automatic start is enabled.)

12 Press the [ENTER] button.

This screenshot is identical to the previous one, but the 'ENTER' button at the bottom right is now highlighted with a thick border, indicating it is the next step in the process.

- The data of the template are changed.

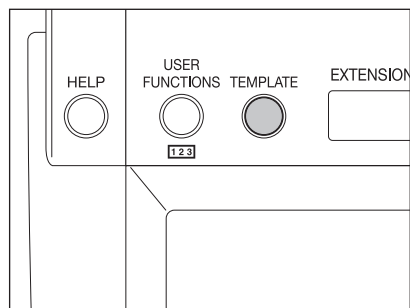
4. Recalling Templates

When a template is recalled, the registered setting functions of the template are reflected in the equipment.

If [ENABLE] is selected for "AUTOMATIC START" when the template is registered, operation of the setting functions is automatically started by pressing the template button.

When recalling a template in a public group

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Press the [TEMPLATE] button on the control panel.



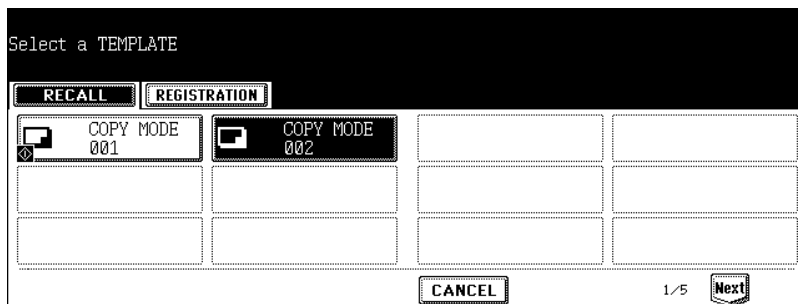
- 4 Press the [PUBLIC TEMPLATE GROUP].


The screenshot shows a menu titled "Select a GROUP". At the top, there are two buttons: "RECALL" and "REGISTRATION". Below this, the text "GROUP Number" is followed by a small black box. A list of options is shown in a table-like format:

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002 LOCAL	006
003	007

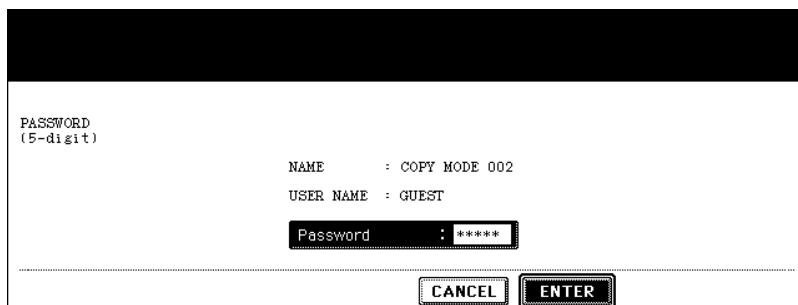
At the bottom of the screen, there is a "CANCEL" button on the left, the text "1/26" in the center, and a "Next" button on the right.

5 Press the desired template button.



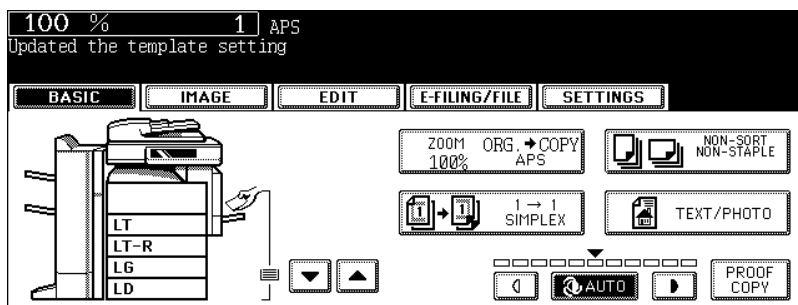
- If the desired template is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- If you press the template button with the  icon, the operation of the registered setting functions is automatically started.

6 Key in the password (5 digits) for the selected template, and then press the [ENTER] button.



- If no password was set when the template was registered, skip to step 7.

7 Confirm that “Updated the template setting” appears on the menu.

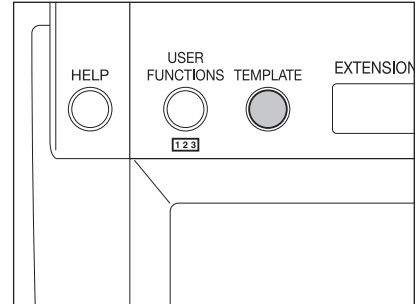


- The message appears for approx. 3 seconds.
- Select other copy modes as required.

8 Press the [START] button.

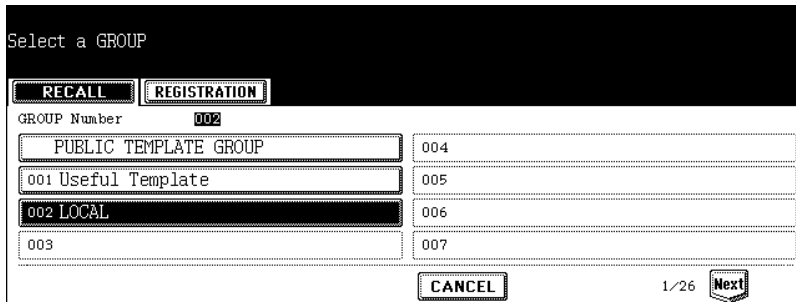
When recalling a template in a user group

- 1 Place paper in the drawer(s).
- 2 Place the original(s).
- 3 Press the [TEMPLATE] button on the control panel.



7

- 4 Select the user group in which the template to be recalled is registered.



- If the desired user group is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the user group number.

5 Key in the password (5 digits) for the selected user group, and then press the [ENTER] button.

PASSWORD
(5-digit)

NAME : LOCAL
USER NAME : USER02

Password : *****

CANCEL ENTER

- If no password was set when the user group was registered, skip to step 6.


6 Press the desired template button.

Select a TEMPLATE

RECALL REGISTRATION

COPY MODE 001 COPY MODE 005

CANCEL 1/5 Next

- If the desired template is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- If you press the template button with the  icon, the operation of the registered setting functions is automatically started.

7 Key in the password (5 digits) for the selected template, and then press the [ENTER] button.

PASSWORD
(5-digit)

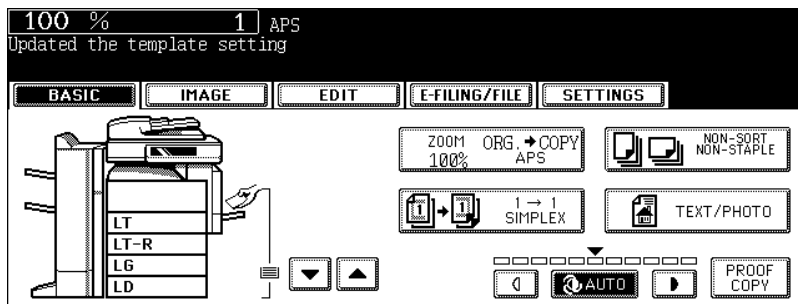
NAME : COPY MODE 005
USER NAME : USER05

Password : *****

CANCEL ENTER

- If no password was set when the template was registered, skip to step 8.

8 Confirm that “Updated the template setting” appears on the menu.



- The message appears for approx. 3 seconds.
- Select other copy modes as required.

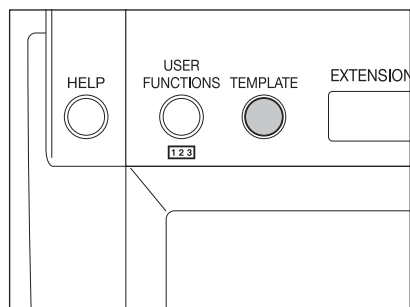
9 Press the [START] button.

5. Deleting User Groups or Templates

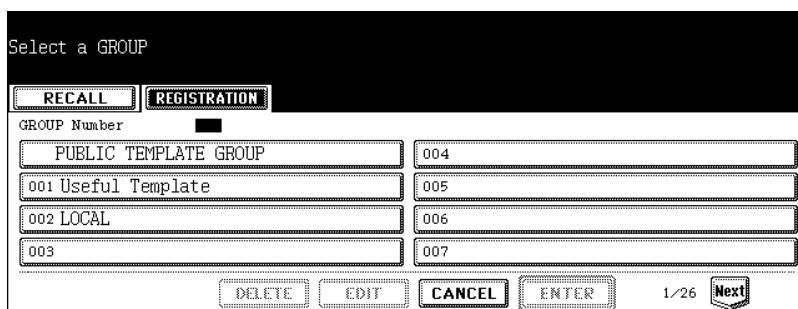
Unnecessary user groups and templates can be deleted. If a user group is deleted, all templates in the user group are also deleted.

Deleting a user group

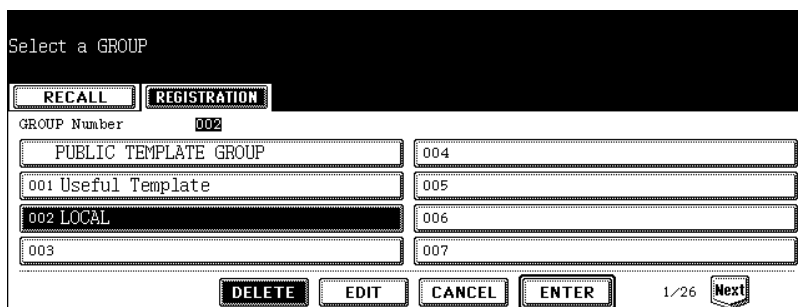
- 1 Press the [TEMPLATE] button on the control panel.



- 2 Press the [REGISTRATION] button on the touch panel.



- 3 Select the user group you want to delete, and then press the [DELETE] button.



- If the desired user group is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the user group number.

4 Key in the password (5 digits) for the selected user group, and then press the [ENTER] button.

```

PASSWORD
(5-digit)

NAME      : LOCAL
USER NAME : USER02

Password  : *****

-----
          CANCEL  ENTER
  
```

- If no password was set when the user group was registered, skip to step 5.

5 “DELETE OK?” appears. Press the [DELETE] button.

```

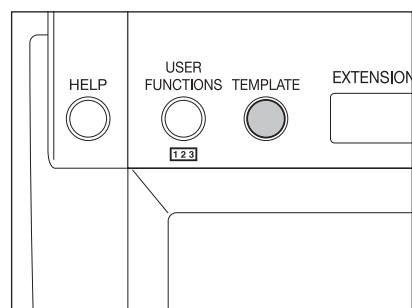
DELETE OK?

DELETE  CANCEL
  
```

- The selected user group is deleted.

Deleting a template

1 Press the [TEMPLATE] button on the control panel.



2 Press the [REGISTRATION] button on the touch panel.

Select a GROUP

RECALL REGISTRATION

GROUP Number

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002 LOCAL	006
003	007

DELETE EDIT CANCEL ENTER 1/26 Next

3 Select the group in which the template to be deleted is registered, and then press the [ENTER] button.

Select a GROUP

RECALL REGISTRATION

GROUP Number 002

PUBLIC TEMPLATE GROUP	004
001 Useful Template	005
002 LOCAL	006
003	007

DELETE EDIT CANCEL ENTER 1/26 Next

- If the desired user group is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.
- To display the applicable menu immediately, key in the user group number.

4 Enter the password, and then press the [ENTER] button.

When the public group is selected:

Press the [PASSWORD] button, and then key in the Admin Password (6 to 10 digits) with the keys on the letter entry menu and the digital keys.

- If an incorrect Admin Password is entered three times in a row, this equipment will not be able to be operated for approx. 30 sec. In that case, wait until it becomes available and then enter the correct Admin Password again.

When the user group is selected:

Key in the password (5 digits) for the selected user group. (If no password was set when the user group was registered, skip to step 5.)

PASSWORD
(5-digit)

NAME : LOCAL
USER NAME : USER02

Password : *****

CANCEL ENTER

5 Select the template you want to delete, and then press the [DELETE] button.

Select a TEMPLATE

RECALL REGISTRATION

<input type="checkbox"/> COPY MODE 001	<input checked="" type="checkbox"/> COPY MODE 005		

DELETE EDIT CANCEL SAVE 1/5 Next

- If the desired template is not displayed on the menu, press the [Prev] or [Next] button to switch the menu.

6 Key in the password (5 digits) for the selected template, and then press the [ENTER] button.

PASSWORD
(5-digit)

NAME : COPY MODE 005
USER NAME : USER

Password : *****

CANCEL ENTER

- If no password was set when the template was registered, skip to step 7.

7 “DELETE OK?” appears. Press the [DELETE] button.

DELETE OK?

DELETE CANCEL

- The selected template is deleted.

8. JOB STATUS

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1. Job Status

When you press the [JOB STATUS] button on the control panel, the job status menu is displayed. The following information can be confirmed on this menu.

- Status of jobs (print, fax, Internet Fax and scan) in waiting
- Log list of jobs (print, sending/receiving, scan) performed
- Print status

You can also start, pause, release, delete and move the job which is in waiting.

- For the status confirmation of Fax jobs, see the Operator's Manual for Facsimile Function.

Tips

- When the equipment is managed under the user management function (📖 P.38), enter the user information (e.g. user name, password) before pressing the [JOB STATUS] button.
 - The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary for the scanning functions.
 - The FAX Unit (optional) is necessary for the Fax functions.
 - The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary for the Internet Fax and E-mail functions.
 - The Printer Kit or the Printer/Scanner Kit (both optional) is necessary for printing from a client PC through the network.
-

2. Confirming Print Job Status

You can confirm the status of the print job. The following information is displayed in a list.

User Name	Date, Time	Paper	Pages	Sets	Status
User 01	10, 10:12	LT	1	1	Printing
User 02	10, 10:13	LT	2	2	Wait
User 03	10, 10:13	LT	1	2	Wait

User Name: Name of user for whom the job was registered

Date, Time: Date and time the job was registered

Paper: Paper size to be printed

Pages: Number of pages to be printed

Sets: Number of sets to be printed

Status: Status of jobs ("Scheduled" is displayed for the scheduled print.)

Tip

4 jobs are displayed in 1 page. Up to 250 pages (1000 jobs) can be displayed. When you want to confirm the 5th and following jobs, press the [Next] button, and when you want to return to the previous page, press the [Prev] button.

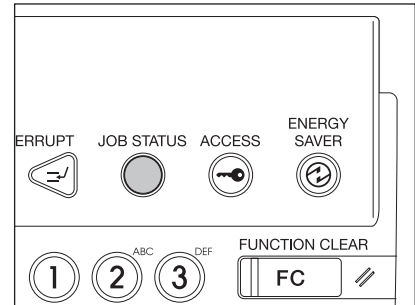
Print jobs

Copying and printing of the document, and printing of an E-mail, etc. are called print jobs. Print jobs can be deleted, paused and released, moved, and printed on the print job list.

Displaying print job list

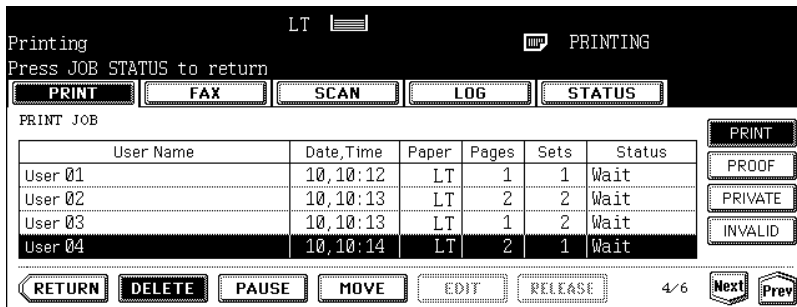
1 Press the [JOB STATUS] button on the control panel.

- The print job list is displayed.



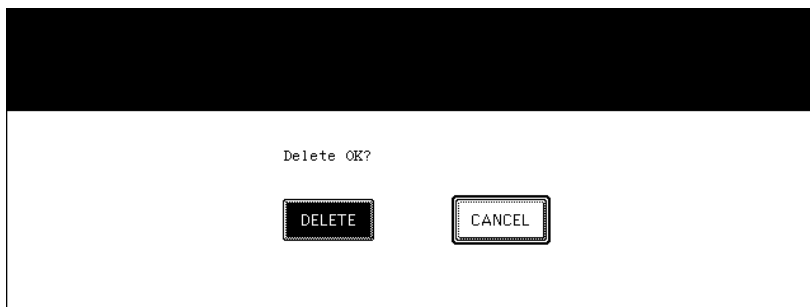
Deleting print jobs

1 Select the job you want to delete on the print job list, then press the [DELETE] button.



- If the subject job is not displayed on the page, press the [Prev] or [Next] button to switch the page.

2 “Delete OK?” appears. Press the [DELETE] button.

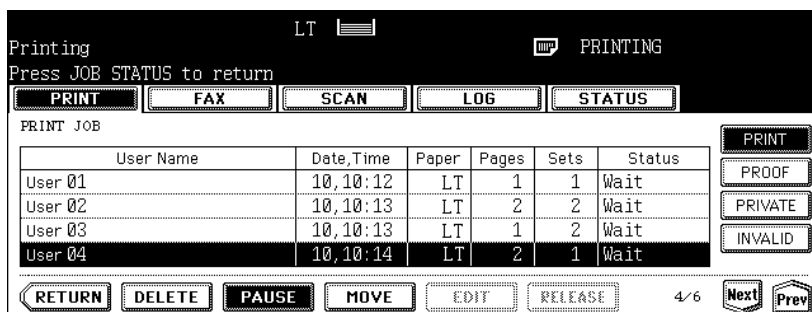


- The job is deleted.

Pausing print jobs

The 11th job or later counting from the one in progress can be paused.

- 1 Select the job you want to pause on the print job list, then press the [PAUSE] button.



- When the [PAUSE] button is pressed, the display of this button changes to [RESUME].
- When the job is paused, the next job is started.

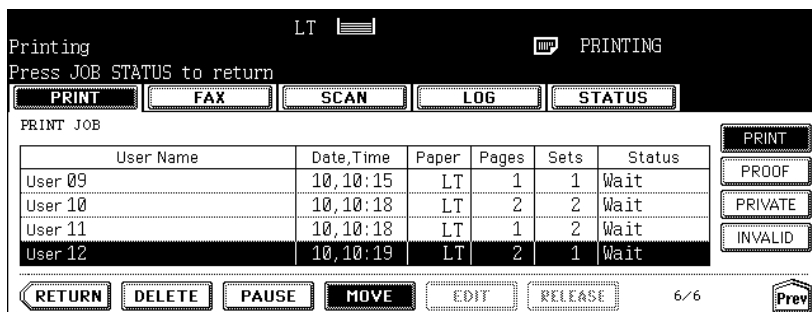
Releasing print job

Press the [RESUME] button. A job once paused will not be printed out unless the [RESUME] button is pressed.

Moving print jobs

The job in waiting can be moved to a specified position. However, this is available only at the 11th job or later counting from the one in progress.

- 1 Select the job you want to move on the print job list, then press the [MOVE] button.



- If the corresponding job is not displayed on the page, press the [Prev] or [Next] button to switch the page.

2 Select the position where you want to move the job. (The job comes right under the job you selected on the list.)

Printing LT PRINTING
Press JOB STATUS to return

PRINT FAX SCAN LOG STATUS

PRINT JOB

User Name	Date,Time	Paper	Pages	Sets	Status
User 01	10,10:12	LT	1	1	Wait
User 02	10,10:13	LT	2	2	Wait
User 03	10,10:13	LT	1	2	Wait
User 04	10,10:14	LT	2	1	Wait

PRINT PROOF PRIVATE INVALID

RETURN DELETE PAUSE MOVE EDIT RELEASE 4/6 Next Prev



Printing LT PRINTING
Press JOB STATUS to return

PRINT FAX SCAN LOG STATUS

PRINT JOB

User Name	Date,Time	Paper	Pages	Sets	Status
User 01	10,10:12	LT	1	1	Wait
User 12	10,10:19	LT	2	1	Wait
User 02	10,10:13	LT	2	2	Wait
User 03	10,10:13	LT	1	2	Wait

PRINT PROOF PRIVATE INVALID

RETURN DELETE PAUSE MOVE EDIT RELEASE 4/6 Next Prev

Proof print jobs

“Proof print” is a function to print only 1 set as a proof print when you print more than one set of documents from a client PC on the network before you print out all the sets of the documents.

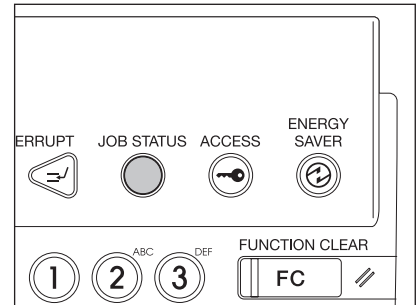
You can check this proof print and then select whether you print the rest of the documents or quit printing to change the setting on the proof print job list. If you want to print the rest, you can change the number of printouts.

- For details of proof print, see the Printing Guide.

Displaying proof print job list

1 Press the [JOB STATUS] button on the control panel.

- The print job list is displayed.



2 Press the [PROOF] button.

The screenshot shows the printer's menu interface. At the top are buttons for 'PRINT', 'FAX', 'SCAN', 'LOG', and 'STATUS'. Below is a 'PRINT JOB' section with a table. To the right of the table are buttons for 'PRINT', 'PROOF', 'PRIVATE', and 'INVALID'. At the bottom are buttons for 'RETURN', 'DELETE', 'PAUSE', 'MOVE', 'EDIT', 'RELEASE', and a page indicator '1/1'.

User Name	Date,Time	Paper	Pages	Sets	Status

- The proof print job list is displayed.

Continuing printing after proof printing

1 Select the job you want to print on the proof print job list.

User Name	Date,Time	Paper	Pages	Sets
User 01	10,10:12	LT	1	1

- If the corresponding job is not displayed on the page, press the [Prev] or [Next] button to switch the page.

2 Press the [RELEASE] button.

- Printing starts.
- The printing status can be confirmed on the print job list.

When you want to change the number of sets

When you want to change the number of sets, press the [EDIT] button and key in the desired number. Then press the [RELEASE] button to start printing.

Filename : Project-01.txt
 Owner : User01
 Pages : 1
 Sets : 5

Deleting proof print jobs

- 1 Select the job you want to delete on the proof print job list, and then press the [DELETE] button.

User Name	Date,Time	Paper	Pages	Sets
User 01	10,10:12	LT	1	1

Buttons: PRINT, FAX, SCAN, LOG, STATUS, PRINT, PROOF, PRIVATE, INVALID, RETURN, DELETE, PAUSE, MOVE, EDIT, RELEASE, 1/1

- If the corresponding job is not displayed on the page, press the [Prev] or [Next] button to switch the page.

- 2 “Delete OK?” appears. Press the [DELETE] button.

Delete OK?

Buttons: DELETE, CANCEL

- The job is deleted.

Private print jobs

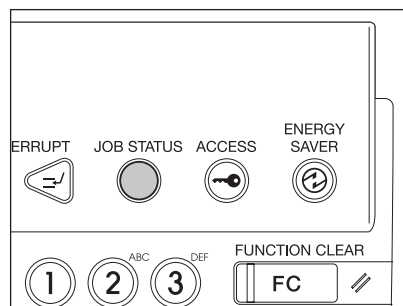
“Private print” is a function to print a document from a client PC on the network only when a previously set password is keyed in from the control panel of this equipment. This function is useful when you want to print confidential documents.

- For details of private print jobs, see the Printing Guide.

Displaying private print job list

1 Press the [JOB STATUS] button on the control panel.

- The print job list is displayed.



2 Press the [PRIVATE] button.

The screenshot shows the control panel display with a menu bar at the top containing buttons for PRINT, FAX, SCAN, LOG, and STATUS. Below the menu bar, the text 'PRINT JOB' is displayed. A table with the following columns is shown: User Name, Date, Time, Paper, Pages, Sets, and Status. The table is currently empty. To the right of the table are buttons for PRINT, PROOF, PRIVATE (highlighted in black), and INVALID. At the bottom of the screen are buttons for RETURN, DELETE, PAUSE, MOVE, EDIT, and RELEASE, along with a '1/1' indicator.

3 Select the appropriate user name.

The screenshot shows the control panel display with a menu bar at the top containing buttons for PRINT, FAX, SCAN, LOG, and STATUS. Below the menu bar, the text 'PRIVATE PRINT JOB' is displayed. A 'User Name' field contains the text 'User 01'. To the right of the field are buttons for PRINT, PROOF, PRIVATE (highlighted in black), and INVALID. At the bottom of the screen are buttons for RETURN and ADMIN. PASSWORD, along with a '1/1' indicator.

- When you perform the operation as an administrator, do not press the user name but press the [ADMIN. PASSWORD] button. The letter entry menu (P.35 “Setting letters”) appears and you can enter the Admin Password (6 to 10 digits). In this case, jobs can be deleted but not printed. (If an incorrect Admin Password is entered three times in a row, this equipment will not be able to be operated for approx. 30 sec. In that case, wait until it becomes available and then enter the correct Admin Password again.)

4 Press the [PASSWORD] button.

PRIVATE PRINT JOB

User Name

User 01

PRINT

FAX

SCAN

LOG

STATUS

PRINT

PROOF

PRIVATE

INVALID

RETURN

PASSWORD

1/1

- The letter entry menu (P.35 “Setting letters”) is displayed. Key in the password, which has previously been set from the client PC, and then press the [ENTER] button.
- The private print job list is displayed.

Tip

A list of private print jobs for which the same password has been set appears.

PRIVATE PRINT JOB

Document Name	Date,Time	Paper	Pages	Sets
01.txt -	30,14:35	LT	1	1
02.txt -	30,14:35	LT	1	1

PRINT

FAX

SCAN

LOG

STATUS

PRINT

PROOF

PRIVATE

INVALID

RETURN

DELETE

ALL CLEAR

SELECT ALL

EDIT

RELEASE

1/1

Printing private print jobs

1 Select the job you want to print on the private print job list.

PRIVATE PRINT JOB

Document Name	Date,Time	Paper	Pages	Sets
Project-01.txt	10,10:12	LT	1	1

PRINT

FAX

SCAN

LOG

STATUS

PRINT

PROOF

PRIVATE

INVALID

RETURN

DELETE

ALL CLEAR

SELECT ALL

EDIT

RELEASE

1/1

- If the corresponding job is not displayed on the page, press the [Prev] or [Next] button to switch the page.
- To select all jobs on the private print job list, press the [SELECT ALL] button. To clear the selection, press the [ALL CLEAR] button.

2 Press the [RELEASE] button.

PRIVATE PRINT JOB

Document Name	Date,Time	Paper	Pages	Sets
Project-01.txt	10,10:12	LT	1	1

Buttons: PRINT, FAX, SCAN, LOG, STATUS, PRINT, PROOF, PRIVATE, INVALID, RETURN, DELETE, ALL CLEAR, SELECT ALL, EDIT, RELEASE, 1/1

- Printing starts.
- The printing status can be confirmed on the print job list.

Deleting private print jobs

1 Select the job you want to delete on the private print job list, and then press the [DELETE] button.

PRIVATE PRINT JOB

Document Name	Date,Time	Paper	Pages	Sets
Project-01.txt	10,10:12	LT	1	1

Buttons: PRINT, FAX, SCAN, LOG, STATUS, PRINT, PROOF, PRIVATE, INVALID, RETURN, DELETE, ALL CLEAR, SELECT ALL, EDIT, RELEASE, 1/1

- If the corresponding job is not displayed on the page, press the [Prev] or [Next] button to switch the page.
- To select all jobs on the private print job list, press the [SELECT ALL] button. To clear the selection, press the [ALL CLEAR] button.

2 “Delete OK?” appears. Press the [DELETE] button.

Delete OK?

Buttons: DELETE, CANCEL

- The job is deleted.

When using department codes

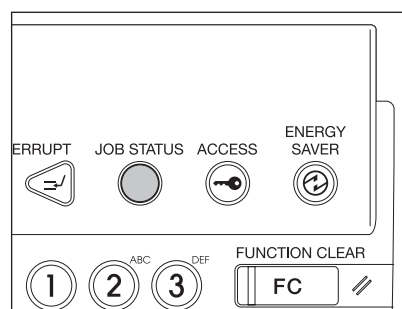
If the department code keyed in at printing is not correct, this job will be stored in the invalid queue (= the list of jobs with an incorrect department code or with no department code), and will not be printed out. However, the jobs stored in the invalid queue can be printed when the correct department code is newly keyed in.

A print job, whose number of pages exceeds that specified for a particular department code, will not be printed out either. In this case, contact the administrator in your office.

Displaying invalid queues

1 Press the [JOB STATUS] button on the control panel.

- The print job list is displayed.



2 Press the [INVALID] button.

The screenshot shows a printer's menu interface. At the top, there are buttons for 'PRINT', 'FAX', 'SCAN', 'LOG', and 'STATUS'. Below these is a 'PRINT JOB' section with a table. The table has columns for 'User Name', 'Date,Time', 'Paper', 'Pages', 'Sets', and 'Status'. To the right of the table are buttons for 'PRINT', 'PROOF', 'PRIVATE', and 'INVALID'. The 'INVALID' button is highlighted. At the bottom, there are buttons for 'RETURN', 'DELETE', 'PAUSE', 'MOVE', 'EDIT', and 'RELEASE', along with a '1/1' indicator.

User Name	Date,Time	Paper	Pages	Sets	Status

- The menu for the invalid queue is displayed.

Keying in correct department code to print

When an incorrect department code has been keyed in at printing, you can key in the correct department code again to print the subject job.

1 Select the job you want to print on the menu for the invalid queue.

INVALID DEPARTMENT CODE PRINT JOB

User Name	Date,Time	Paper	Pages	Sets
User 01	10,10:12	LT	1	1

Buttons: PRINT, PROOF, PRIVATE, INVALID, RETURN, DELETE, PAUSE, MOVE, EDIT, RELEASE 1/1

- If the corresponding is not displayed on the page, press the [Prev] or [Next] button to switch the page.

2 Press the [RELEASE] button.

INVALID DEPARTMENT CODE PRINT JOB

User Name	Date,Time	Paper	Pages	Sets
User 01	10,10:12	LT	1	1

Buttons: PRINT, PROOF, PRIVATE, INVALID, RETURN, DELETE, PAUSE, MOVE, EDIT, RELEASE 1/1

3 Key in the correct department code, and then press the [ENTER] button.

DEPARTMENT CODE ▶ Enter department code (5-digit)

Department Code : *****

Buttons: CANCEL, ENTER

- Printing starts.
- The printing status can be confirmed on the print job list.

Deleting invalid print jobs

- 1 Select the job you want to delete on the menu for the invalid queue, then press the [DELETE] button.

The screenshot shows a printer control panel menu. At the top, there are five buttons: PRINT, FAX, SCAN, LOG, and STATUS. Below these is the text "INVALID DEPARTMENT CODE PRINT JOB". A table displays job information:

User Name	Date,Time	Paper	Pages	Sets
User 01	10,10:12	LT	1	1

To the right of the table are four buttons: PRINT, PROOF, PRIVATE, and INVALID. At the bottom of the menu are six buttons: RETURN, DELETE, PAUSE, MOVE, EDIT, and RELEASE. The page number "1/1" is displayed in the bottom right corner.

- If the corresponding job is not displayed on the page, press the [Prev] or [Next] button to switch the page.

- 2 "Delete OK?" appears. Press the [DELETE] button.

The screenshot shows a confirmation dialog box with the text "Delete OK?". Below the text are two buttons: DELETE and CANCEL.

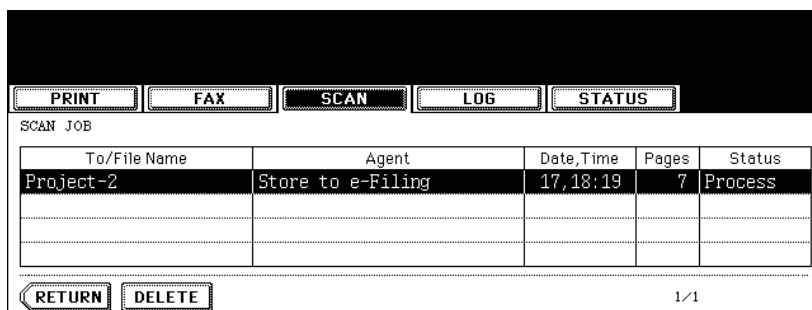
- The job is deleted.

3. Confirming Scan Job Status

You can confirm the scan job status and delete a scan job. For details, refer to the Scanning Guide.

The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary for the scanning functions.

Press the [JOB STATUS] button on the control panel. Then press the [SCAN] button on the touch panel to display the scan job list.



To/File Name	Agent	Date, Time	Pages	Status
Project-2	Store to e-Filing	17,18:19	7	Process

1/1

The following information is displayed.

To/File Name:	Name of the file created or the E-mail address of the recipient
Agent:	Function selected for the scan job
Date, Time:	Date and time of the scan job
Pages:	Number of pages scanned or sent via E-mail
Status:	Status of jobs

8

Tip

4 jobs are displayed in 1 page. Up to 250 pages (1000 jobs) can be displayed. When you want to confirm the 5th and the following jobs, press the [Next] button, and when you want to return to the previous page, press the [Prev] button.

Deleting scan job

Select the job you want to delete on the scan job list, and then press the [DELETE] button.

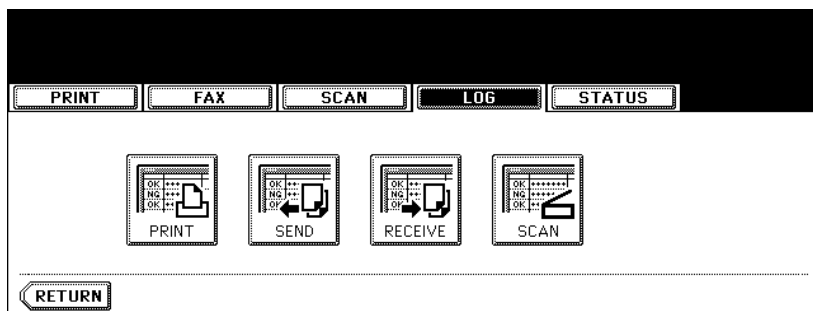
4. Log List

You can confirm the history of each copy, print, scan, and sending and receiving of Fax, Internet Fax and E-mail job on the log list.

You can also register unregistered Fax numbers or E-mail addresses into the address book from the log list of the Fax and Internet Fax, or the log list of scan jobs.

- The FAX Unit (optional) is necessary for the Fax functions.
- The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary for the scanning functions.
- The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary for the Internet Fax and E-mail functions.
- The Printer Kit or the Printer/Scanner Kit (both optional) is necessary for printing from a client PC through the network.

When you press the [JOB STATUS] button on the control panel and the [LOG] button on the touch panel, the log menu is displayed.



Confirming job history in log list

Print log

When you press the [PRINT] button on the log menu, the history of copy jobs and print jobs is displayed.

The screenshot shows a printer's control panel with several buttons: PRINT, FAX, SCAN, LOG, and STATUS. The LOG button is highlighted. Below the buttons, the text 'PRINT LOG' is displayed. A table shows the following data:

User Name	Date,Time	Paper	Pages	Sets
COPY:	02,19:53	LT	1	1
:DOC051111-001	02,19:52	LT	10	1
COPY:	02,19:50	LT	8	1
COPY:	02,18:23	LT	1	1

At the bottom of the screen, there is a [RETURN] button on the left, a '1/3' indicator in the center, and a [Next] button on the right.

The following information is displayed.

User Name: Name of the senders of the copy/print job
 Date, Time: Date and time the job was printed
 Paper: Paper size printed
 Pages: Number of pages of the copy/print job
 Sets: Number of sets printed

Tip

8

4 jobs are displayed in 1 page. Up to 30 pages (120 jobs) can be displayed. When you want to confirm the 5th and the following jobs, press the [Next] button, and when you want to return to the previous page, press the [Prev] button.

The following button is displayed.

[RETURN]: Press this button to return to the log menu.

Send log

When you press the [SEND] button on the log menu, the sending history of Fax jobs and Internet Fax jobs is displayed. (The Fax function and the Internet Fax are both optional.)

File No.	To	Date, Time	Pages	Status
012	User 04	14, 14:32	1	OK
006	User 02	14, 11:20	1	OK
005	User 01	07, 10:23	1	OK
003	User 04	04, 18:11	1	OK

The following information is displayed.

File No.: Order of job registered
To: Recipient's Fax number or E-mail address of Internet Fax
Date, Time: Date and time the Fax or Internet Fax was sent
Pages: Number of pages of the Fax or Internet Fax sent
Status: Result is displayed as "OK" or in error codes.
(For the error codes, see [P.260](#) "6.Error Code".)

Tip

4 jobs are displayed in 1 page. Up to 10 pages (40 jobs) can be displayed. When you want to confirm the 5th and the following jobs, press the [Next] button, and when you want to return to the previous page, press the [Prev] button.

The following buttons are displayed.

[JOURNAL]: Press this button to print the history of sent jobs (= journal). (For details, see [P.256](#) "Printing journals (send/receive log list)".)
[ENTRY]: Press this button to register unregistered Fax numbers or E-mail addresses on the send log list into the address book. (For details, see [P.254](#) "Registering into address book from log lists".)
[RETURN]: Press this button to return to the log menu.


Receive log

When you press the [RECEIVE] button on the log menu, the receiving history of Fax jobs, Internet Fax jobs and E-mail jobs is displayed. (All functions are optional.)

RECEIVE LOG				
File No.	From	Date,Time	Pages	Status
014	User 01	17,09:52	1	OK
013	User 02	15,12:27	0	3C12
011	User 04	11,18:10	0	3C12
009	User 02	10,18:07	0	3C12

1/1

The following information is displayed.


File No.: Order of job registered
 From: Sender's Fax number or E-mail address of Internet Fax
 Date, Time: Date and time the Fax, Internet Fax or E-mail was received
 Pages: Number of pages of the Fax, Internet Fax or E-mail received
 Status: Result is displayed as "OK" or in error codes.
 (For the error codes, see  P.260 "6.Error Code".)


8

Tip

4 jobs are displayed in 1 page. Up to 10 pages (40 jobs) can be displayed. When you want to confirm the 5th and the following jobs, press the [Next] button, and when you want to return to the previous page, press the [Prev] button.

The following buttons are displayed.

[JOURNAL]: Press this button to print the history of received jobs (= journal). (For details, see  P.256 "Printing journals (send/receive log list)".)

[ENTRY]: Press this button to register unregistered Fax numbers or E-mail addresses on the receive log list into the address book. (For details, see  P.254 "Registering into address book from log lists".)

[RETURN]: Press this button to return to the log menu.

Scan log

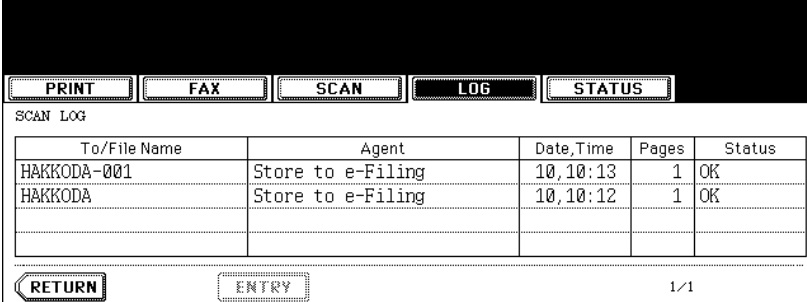
When you press the [SCAN] button on the log menu, the histories of the following items are displayed.

Job history of the following functions using the copying functions:

- Storing job in e-filing
- Storing job in a shared folder (The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary.)

Job history of the following functions using the scanning functions:


- Storing job in e-filing (The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary.)
- Storing job in a shared folder (The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary.)
- Sending E-mails (The Scanner Kit or the Printer/Scanner Kit (both optional) is necessary.)
- Remote Scan



The screenshot shows a menu with buttons for PRINT, FAX, SCAN, LOG, and STATUS. Below the menu is a table titled "SCAN LOG" with columns for To/File Name, Agent, Date, Time, Pages, and Status. The table contains two entries for "HAKKODA" with the agent "Store to e-Filing" and status "OK". At the bottom of the screen are buttons for RETURN and ENTRY, and a page indicator "1/1".

To/File Name	Agent	Date, Time	Pages	Status
HAKKODA-001	Store to e-Filing	10,10:13	1	OK
HAKKODA	Store to e-Filing	10,10:12	1	OK


The following information is displayed.

To/File Name:	Name of the file created or the E-mail address of the recipient
Agent:	Function selected for the scan job
Date, Time:	Date and time of the scan job
Pages:	Number of pages scanned or sent via E-mail
Status:	Result is displayed as "OK" or in error codes. (For the error codes, see  P.260 "6.Error Code".)

Tip

4 jobs are displayed in 1 page. Up to 30 pages (120 jobs) can be displayed. When you want to confirm the 5th and the following jobs, press the [Next] button, and when you want to return to the previous page, press the [Prev] button.

The following buttons are displayed.

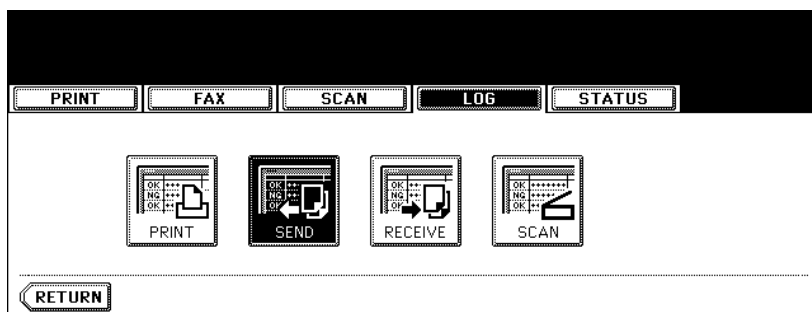
- [ENTRY]: Press this button to register unregistered E-mail addresses on the scan log list into the address book. (For details, see  P.254 "Registering into address book from log lists".)
- [RETURN]: Press this button to return to the log menu.

Registering into address book from log lists

You can register Fax numbers and E-mail addresses, which have not yet been registered, into the address book from the send, receive or scan log list.

- * The following information can be registered from the Send log:
 - Remote FAX number which was dialed by direct entry using the digital keys, or which was searched for by the LDAP server
 - E-mail address which was manually entered, or which was searched for by the LDAP server
- * The following information can be registered from the Receive log:
 - Remote FAX number which was dialed by direct entry using the digital keys, or which was searched for by the LDAP server for a Polling Reception
 - E-mail address of the sender
- * The following information can be registered from the Scan log:
 - E-mail address which was manually entered, or which was searched for by the LDAP server

1 Press the [SEND] (or [RECEIVE] or [SCAN]) button on the log menu.



- The send (or receive or scan) log list is displayed.

2 Select the job which includes the Fax number or E-mail address you want to register into the address book.

File No.	To	Date,Time	Pages	Status
005	055-000-0000	10,10:14	1	OK
002	045-000-0000	10,10:13	1	OK
001	044-000-0000	10,10:11	1	OK

3 Press the [ENTRY] button.

SEND LOG

File No.	To	Date,Time	Pages	Status
005	055-000-0000	10,10:14	1	OK
002	045-000-0000	10,10:13	1	OK
001	044-000-0000	10,10:11	1	OK

Navigation buttons: RETURN, JOURNAL, ENTRY. Page indicator: 1/1

4 Enter the following information. (You need to enter at least either of [FIRST NAME] or [LAST NAME], and either of [FAX NO.] or [E-MAIL].)

ADDRESS ENTRY ID NO. :0041

FIRST NAME	User 01	E-MAIL	
LAST NAME	User	CORP.	
FAX NO.	045-000-0000	DEPT.	
2ND FAX		KEYWORD	

Navigation buttons: OPTION, CANCEL, ENTER

- **FIRST NAME:** Enter the first name. The entered first name is displayed in the address book list on the touch panel.
- **LAST NAME:** Enter the last name. The entered last name is displayed in the address book list on the touch panel.
- **FAX NO.:** Enter the Fax number.
- **2ND FAX:** Enter the second Fax number.
- **E-MAIL:** Enter the E-mail address.
- **CORP.:** Enter the company name.
- **DEPT.:** Enter the department name.
- **KEYWORD:** Enter a keyword with which you can search for the desired contact.

Tip

When you press any of the above, the letter entry menu (P.35) is displayed. Enter the information with the buttons on this menu and the digital keys on the control panel.

5 Press the [ENTER] button.

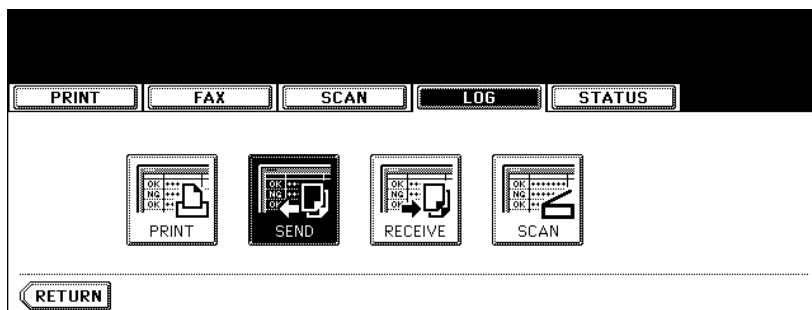
- The information has been registered in the address book.
- For details of the address book, see the User Functions Guide.

Printing journals (send/receive log list)

You can print the send and receive log lists of the Fax job. The 40 latest send-and-receive logs (1 page), or the 120 latest send-and-receive logs (3 pages) can be printed out. You can also select and print only 1 log.

- For details, see the Operator's Manual for Facsimile Function.

1 Press the [SEND] (or [RECEIVE]) button on the log menu.



- The send (receive) log list is displayed.

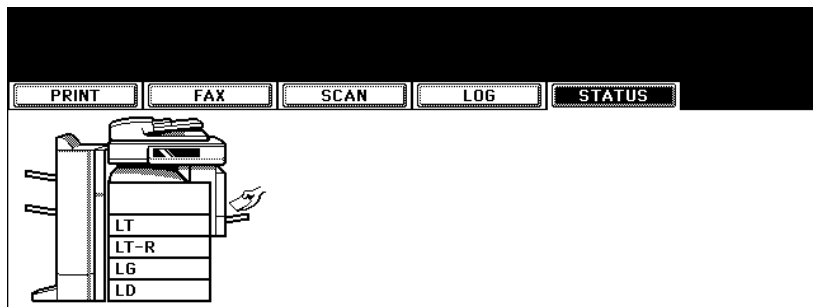
2 Press the [JOURNAL] button.

File No.	To	Date,Time	Pages	Status
005	055-000-0000	10,10:14	1	OK
002	045-000-0000	10,10:13	1	OK
001	044-000-0000	10,10:11	1	OK

- The send (receive) log list is printed.

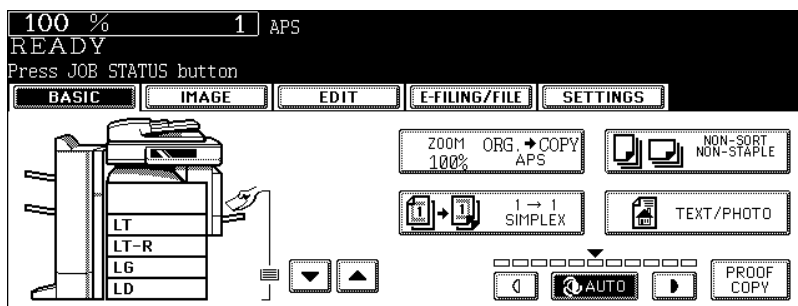
5. Print Status Display

When you press the [STATUS] button on the touch panel while no operation is in progress, the size of the paper set in the drawer is displayed. When you press the [STATUS] button during printing, the drawer button being used for the feeding of this printing is highlighted.



Releasing print job errors

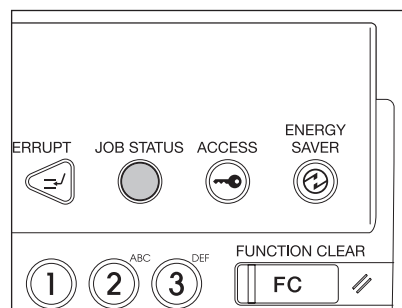
If the specified size of paper is not in the drawer when printing is to be performed from a client PC, a print job error occurs. The [JOB STATUS] button blinks and the following menu is displayed.



Follow the procedure below to release the error.

Printing by placing sheets of paper on the bypass tray

1 Press the blinking [JOB STATUS] button.

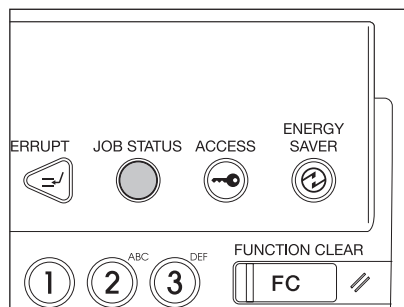


2 Place the specified size of paper on the bypass tray, and then press the [START] button.

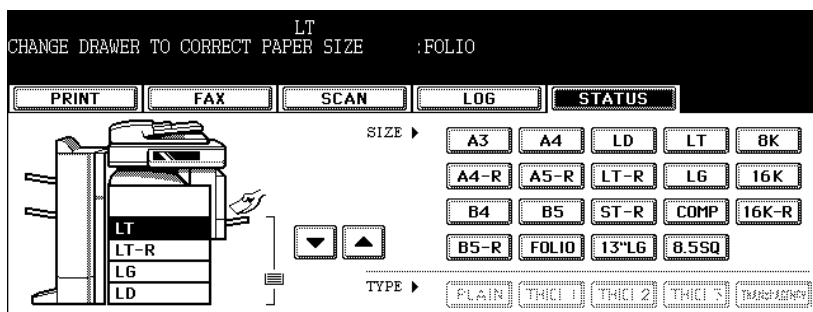
- Printing is performed. Press the [JOB STATUS] button when printing is completed.

Printing by placing appropriate size of sheets in the drawer

1 Press the blinking [JOB STATUS] button.



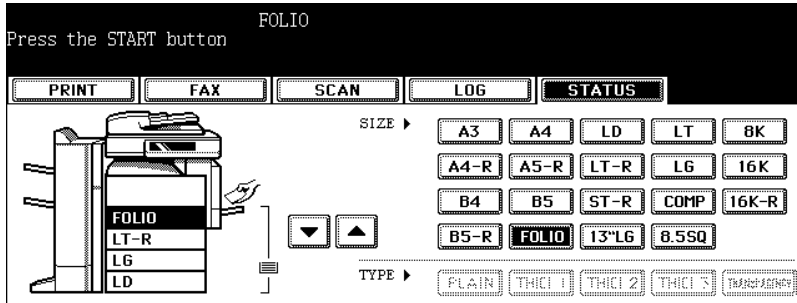
2 Press the drawer button whose size you want to change on the touch panel.



- You can select the desired drawer with the paper source selection (▼/▲) buttons.

3 Place paper in the corresponding drawer.

4 Press the paper size button corresponding to the one you have placed.



5 Press the [START] button.

- Printing is performed. Press the [JOB STATUS] button when printing is completed.

Printing by selecting a paper size already placed in another drawer

When the specified size of paper is not in the drawer, you can release the error by selecting another size of paper already placed in another drawer, instead of placing the specified size of paper in the drawer. However, a part of the image may not be printed if the size of the paper placed in the drawer is smaller than the specified one.

Press the drawer button whose size you want to use on the touch panel. Then press the [START] button.

6. Error Code

If an error occurs while using the optional printer, optional Fax, optional Internet Fax or optional scan, the error code is displayed in the status of each log. Take an appropriate action with reference to the following.

Fax / Internet Fax

Error code	Problem	What to do
Fax		
0012	Original jam	Clear the jammed original.
0013	Door open	Firmly close the open door.
0020	Power interruption	Check the power interruption report.
0030	Reset	Transmission is cancelled. (The transmission is terminated by the jammed printing paper during the Direct Transmission.)
0033	Polling error	Check polling options setup (Security code, etc.), and check if the polling document exists.
0042	Memory full	Make sure that there is sufficient memory before making the call again.
0050	Line busy	Retry communications.
0053	Security mismatch in relay or mailbox transmission	Confirm the remote party's security code, system password, and your setup.
00B0 - 00B5 00C0 - 00C4 00D0 - 00D2 00F0, 00F1	Signal error or line condition error	Retry communications. Frequent failures may indicate a phone line problem. If possible, move the unit to another line and try your communications again.
00E8	HDD error	Retry communications.
Internet Fax		
1C10	System access abnormality	Turn the power OFF and then back ON. Perform the job in error again. If the error still occurs, contact your service representative.
1C11	Insufficient memory	When there are running jobs, perform the job in error again after the completion of the running jobs. If the error still occurs, turn the power OFF and then back ON, and perform the job again.
1C12	Message reception error	Turn the power OFF and then back ON. Perform the job in error again.
1C13	Message transmission error	Turn the power OFF and then back ON. Perform the job in error again.
1C14	Invalid parameter	When a template is used, form the template again. If the error still occurs, turn the power OFF and then back ON, and perform the job again.
1C15	Exceeding file capacity	Ask your administrator to change the "Fragment Page Size" setting for the Internet Fax setting, or reduce the number of pages and perform the job again.
1C20	System management module access abnormality	Turn the power OFF and then back ON. Perform the job in error again. If the recovery is still not completed, contact your service representative.
1C21-1C22	Job control module access abnormality	Turn the power OFF and then back ON. Perform the job in error again. If the recovery is still not completed, contact your service representative.

Error code	Problem	What to do
1C30-1C33	Disk access error	When there are running jobs, perform the job in error again after the completion of the running jobs. If the error still occurs, turn the power OFF and then back ON, and perform the job again.
1C40	Image conversion abnormality	Turn the power OFF and then back ON. Perform the job in error again. If the error still occurs, contact your service representative.
1C60	HDD full failure during processing	Reduce the number of pages of the job in error and perform the job again. Check if the server or local disk has a sufficient space in disk capacity.
1C61	Address book reading failure	Turn the power OFF and then back ON. Perform the job in error again. Reset the data in the Address book and perform the job again. If the error still occurs, contact your service representative.
1C62	Memory acquiring failure	Turn the power OFF and then back ON. Perform the job in error again. If the error still occurs, contact your service representative.
1C63	Terminal IP address unset	Ask your administrator to set the IP address of the equipment.
1C64	Terminal mail address unset	Ask your administrator to set the E-mail address of the equipment.
1C65	SMTP address unset	Ask your administrator to set the SMTP server address.
1C66	Server time timeout error	Check if the SMTP server is operating properly.
1C69	SMTP server connection error	Ask your administrator to set the login name or password of SMTP server and perform the job again. Check if the SMTP server is operating properly.
1C6A	HOST NAME error	Ask your administrator to check if there is an illegal character in the device name. Delete the illegal character and reset the appropriate device name.
1C6B	Terminal mail address error	Ask your administrator to check the SMTP Authentication method or if there is an illegal character in the Terminal mail address. Set the correct SMTP Authentication method or delete the illegal character in the Terminal mail address.
1C6C	Destination mail address error	Check if there is an illegal character in the Destination E-mail address. Delete the illegal character and reset the appropriate Destination E-mail address, then perform the job again.
1C6D	System error	Turn the power OFF and then back ON. Perform the job in error again. If the error still occurs, contact your service representative.
1C70	SMTP client OFF	Ask your administrator to enable the SMTP Client and perform the job again.
1C71	SMTP authentication error	Check if the SMTP authentication method, login name and password are correct.
1C72	POP Before SMTP error	Check if the settings of POP Before SMTP and POP3 are correct. If the SSL setting is enabled, check if the setting and the port number of SSL correspond to those of the server.

Error code	Problem	What to do
1C80	Internet Fax transmission failure when processing E-mail job received	Confirm the "Received Internet Fax Forward" settings.
1C81	Onramp Gateway transmission failure	Confirm the mailbox settings.
1C82	Internet Fax transmission failure when processing Fax job received	Confirm the "Received Fax Forward" setting.
1CC0	Job canceling	Job was canceled.
1CC1	Power failure	Check if the power cable is connected properly and it is inserted securely. Check if the power voltage is unstable.
3A10-3A12	MIME format error	Ask the sender to resend the E-mail in the MIME1.0 format.
3A20-3A22	E-mail process error	Ask the sender to resend the E-mail.
3A30	Partial E-mail timeout error	Ask the sender to resend the E-mail, or change the Partial Wait time setting.
3A40	Invalid partial E-mail received	Ask the sender to resend the partial E-mail in the RFC2046 format.
3A50-3A52	HDD full error	Ask the sender to resend the E-mail by separating it to several E-mails. If this error occurs because the paper empty occurs and too much waiting jobs are stored in the hard disk, add the paper to activate other jobs.
3A60-3A62	HDD full alert	Ask the sender to resend the E-mail by separating it to several E-mails. If this error occurs because the paper empty occurs and too much waiting jobs are stored in the hard disk, add the paper to activate other jobs.
3A70	Interrupt partial E-mail reception	Ask your administrator to enable the Enable Partial E-mail setting and ask the sender to resend the E-mail.
3A80-3A82	Partial E-mail disabled	Ask your administrator to enable the Enable Partial E-mail setting and ask the sender to resend the E-mail.
3B10-3B12	E-mail format error	Ask your administrator to enable the Enable Partial E-mail setting and ask the sender to resend the E-mail.
3B20-3B22	Context-type error	Ask the sender to resend the E-mail with attached files that are the TIFF format.
3B30-3B32	Invalid character set	Ask the sender to resend the E-mail in the ISO-8559-1/2 format.
3B40-3B42	E-mail decode error	Ask the sender to resend the E-mail.
3C10-3C13	TIFF analysis error	Ask the sender to resend the E-mail with attached files that are the TIFF format.
3C20-3C22	TIFF compression error	Ask the sender to resend the E-mail with attached TIFF files in the MH, MR, MMR, or JPEG compression.
3C30-3C32	TIFF resolution error	Ask the sender to resend the E-mail with attached TIFF files whose resolution is either 200 x 100, 200 x 200, 200 x 400, 300 x 300, or 400 x 400 dpi.
3C40-3C42	TIFF paper size error	Ask the sender to resend the E-mail with attached TIFF files that can be printed on the paper available for this equipment.

Error code	Problem	What to do
3C50-3C52	Offramp transmission error	Ask the sender to specify the correct fax numbers and resend the E-mail.
3C60-3C62	Offramp security error	Confirm the fax numbers that are specified in the received offramp gateway job and ask the sender to resend the E-mail with correct fax numbers.
3C70	Power failure	Confirm the job is recovered or not. If not, ask the sender to resend the E-mail.
3D10	Destination address error	Ask your administrator whether the DNS and mail server settings are correctly set. If they are correctly set, ask the sender to confirm the destination address is correct.
3D20	Exceeding maximum offramp destinations	Ask the sender to specify up to 40 destinations for one offramp gateway job. The equipment cannot perform the offramp gateway transmission for more than 40 destinations.
3D30	Fax unit is not installed	Make sure the Fax unit is installed, or connected correctly.
3E10	POP3 server communication error	Ask your administrator that the POP3 server address is correctly set, or the POP3 server works properly. Check if the SSL setting and the port number of SSL correspond to those of the SSL server.
3E20	POP3 server communication timeout	Ask your administrator that the POP3 server works properly and the LAN cable is connected to the server.
3E30	POP3 login error	Ask your administrator that the POP3 user name and password is set correctly.
3E40	POP3 login type error	Ask your administrator if the login types (Auto, POP3, APOP) to the POP3 server are correct.
3F00, 3F10, 3F20, 3F30, 3F40	File I/O error	Ask the sender to resend the E-mail. If the error still occurs, contact your service representative.

Scan Job

Error code	Problem	What to do
Remote Scan		
2A20	Failed to acquire resource	Perform the job in error again. If the error still occurs, turn the power OFF and then back ON. Perform the job in error again.
2A40	System fatal error	Turn the power OFF and then back ON. Perform the job in error again.
2A50	Job canceling	Job was canceled.
2A51	Power failure	Check if the power cable is connected properly and it is inserted securely. Check if the power voltage is unstable.
Scan to E-mail		
2C10, 2C12, 2C13, 2C20-2C22	Illegal job status	A system error has occurred during sending an E-mail. Retry it. If the error still occurs, contact your service representative.
2C11, 2C62	Not enough memory	When there are running jobs, perform the job in error again after the completion of the running jobs. If the error still occurs, turn the power OFF and then back ON, and perform the job again.
2C14	Invalid parameter specified	Make sure you specify the settings correctly and try again.
2C15	Message size exceeded limit or maximum size	You are sending too many documents at a time. Send your documents separately.
2C30-2C33	Disk access error	When there are running jobs, perform the job in error again after the completion of the running jobs. If the error still occurs, turn the power OFF and then back ON, and perform the job again.
2C40	Failed to convert image file format	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2C43	Encryption error. Failed to create file.	Perform the job in error again. If the error still occurs, turn the power OFF and then back ON. Perform the job in error again.
2C61	Failed to read Address book	Turn the power OFF and then back ON. Retry the job in error. Reset the data in the Address book and retry it. If the error still occurs, contact your service representative.
2C63, 2C64	Invalid domain address	Ask your administrator to set the IP address.
2C65, 2C66, 2C69	Failed to connect to SMTP server	Make sure the SMTP server is correctly working, or the SMTP server address has been set correctly. Then retry the scan.
2C6A	Failed to send E-mail message	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2C6B	Invalid address specified in From: field	Ask your administrator to check the SMTP Authentication method or if there is an illegal character in the Terminal mail address. Set the correct SMTP Authentication method or delete the illegal character in the Terminal mail address.
2C6C	Invalid address specified in To: field	Check if there is an illegal character in the Destination E-mail address. Delete the illegal character and reset the appropriate Destination E-mail address, then perform the job again.

Error code	Problem	What to do
2C6D	NIC system error	Turn the power OFF and then back ON. Retry the job in error. If the error still occurs, contact your service representative.
2C70	SMTP service is not available	Ask your administrator to enable the SMTP setting.
2C71	SMTP authentication error	Check if the SMTP authentication method, login name and password are correct. If the SSL setting is enabled, check if the setting and the port number of SSL correspond to those of the server.
2C72	POP Before SMTP error	Check if the settings of POP Before SMTP and POP3 are correct.
2C80	Failed to process received E-mail job	Ask your administrator to confirm whether the Received Internet Fax Forward is set.
2C81	Failed to process received Fax job	Ask your administrator to confirm whether the Received Fax Forward is set.
2CC0	Job canceled	Job was canceled.
2CC1	Power failure occurred	Make sure that the power cable is connected properly and it is inserted securely. Resend the job.
Save as File		
2D10, 2D12, 2D13, 2D20-2D22	Illegal job status	Turn the power OFF and then back ON. Retry sending. If the error still occurs, contact your service representative.
2D11	Not enough memory for saving the scan job	Wait for a while and retry the job. If the error still occurs, turn the power OFF and then back ON and retry it.
2D14	An internal error occurred	Turn the power OFF and then back ON, and retry the job. If the error still occurs, contact your service representative.
2D15	Exceeding maximum file capacity	Divide the file into several files, or retry in a single-page format.
2D30	Failed to create directory	Make sure that the access privilege to the storage directory is writable and also the disk in the directory has enough space, and then retry the job. If more than one job is performed simultaneously, the error may occur because the disk temporarily runs out of space. In this case, wait for a while and retry the job. If the error still occurs, turn the power OFF and then back ON, and then retry it.
2D31, 2D33	Failed to create file	Make sure that the access privilege to the storage directory is writable and also the disk in the directory has enough space, and then retry the job. If more than one job is performed simultaneously, the error may occur because the disk temporarily runs out of space. In this case, wait for a while and retry the job. If the error still occurs, turn the power OFF and then back ON, and then retry it.
2D32	Failed to delete file	Make sure that the access privilege to the storage directory is writable and then perform it again. If the error still occurs, turn the power OFF and then back ON, and then carry it out again.
2D40	Failed to convert image file format	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.

Error code	Problem	What to do
2D43	Encryption error. Failed to create file.	Perform the job in error again. If the error still occurs, turn the power OFF and then back ON. Perform the job in error again.
2D60	Failed to copy file	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2D62	Failed to connect to network destination. Check destination path.	Check destination path. Make sure that the network path is correct, and retry the scan. If the error still occurs, ask your administrator to confirm whether the IP address or path of the server is correct. Also make sure that the server is operating properly.
2D63	Specified network path is invalid. Check destination path.	Make sure you specify correct network folder and retry the scan.
2D64	Logon to file server failed. Check user-name and password.	Make sure you specify correct user name and password to logon the file server and retry the scan.
2D65	There are too many documents in the folder. Failed in creating new document.	Delete the data in the local storage folder in the equipment and retry the scan.
2D66	Failed to process your job. Insufficient storage space.	Delete the data in the local storage folder in the equipment and retry the scan.
2D67	FTP service is not available.	Ask your administrator whether the FTP service is configured correctly.
2D68	File sharing service is not available.	Ask your administrator whether the SMB protocol is enabled.
2DA8	The HDD is running out of capacity for the shared folder.	Delete the unnecessary data in HDD.
2DC0	Job canceled.	Job was canceled.
2DC1	Power failure occurred.	Make sure that the power cable is connected properly and it is inserted securely. Resend the job.
Store to e-Filing		
2B10	There was no applicable job.	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2B11	Job status failed.	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2B20	Failed to access file	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2B21	Message size exceeded limit or maximum size	You are sending too many documents at a time. Send your documents separately.
2B30	Insufficient disk space	Delete unnecessary documents in e-Filing and try again.

Error code	Problem	What to do
2B31	Failed to access e-Filing	Make sure that the specified e-Filing or folder exists. (If not, this error would not occur.). Turn the power OFF and then back ON. Delete the specified e-Filing or folder and reset them. Retry the job in error. If the specified e-Filing or folder cannot be deleted, contact your service representative.
2B32	Failed to print e-Filing document	Make sure that the specified document exists. (If not, this error would not occur.). Turn the power OFF and then back ON. Delete the specified document. If the specified document cannot be deleted, contact your service representative.
2B50	Failed to process image	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2B51	Failed to process print image	Make sure that the Function List can be printed out. Retry the print. If the error still occurs, contact your service representative.
2B90	Insufficient memory	Turn the power OFF and then back ON. Retry the scan. If the error still occurs, contact your service representative.
2BA0	Invalid box password specified	Make sure that the password is correct and retry the scan, or reset the password and retry the scan. When this error occurs for the print of the data in the e-Filing, perform the print with the administrator's password. If the recovery is still not completed or in case of invalid password for the operation other than printing (opening the file, etc.), contact your service representative.
2BB0	Job canceled.	Job was canceled by the user.
2BB1	Power failure occurred.	Make sure that the power cable is connected properly and it is inserted securely.
2BC0	System fatal error	Turn the power OFF and then back ON. Retry the print. If the error still occurs, contact your service representative.
2BC1	Failed to acquire resource	Turn the power OFF and then back ON. Retry the print. If the error still occurs, contact your service representative.
2B60	The folder was renamed. A folder of the same name already existed.	Check the folder to be made.
2B70	The document was renamed. A document of the same name already existed.	Check the data to be stored.
2B71	The storage period of e-Filing documents will expire.	Check the storage period.
2B80	The HDD for storing e-Filing data is running out of space.	Delete the unnecessary data in HDD.
2BA1	Incorrect paper size	This size is not supported by e-Filing. Check the paper size.
2BD0	Power failure occurred during restoring.	Check the power cable.
2BE0	Failed to obtain the machine parameters.	Turn the power OFF and then back ON to print again.

Error code	Problem	What to do
2BF0	Reached the maximum number of pages.	Reduce the pages to be inserted, and print them.
2BF1	Reached the maximum number of documents.	Delete unnecessary documents in the box or folder.
2BF2	Reached the maximum number of folders.	Delete unnecessary folders in the box.
Printer		
4030	No print enabler/invalid or proof and private printing is disabled.	Check if the Printer Kit is connected properly and inserted securely, network printing of the XPS file is performed without the Memory (optional) being installed or the trial period has expired.
4031	HDD full for printing	Too many jobs of Private print and department code print are stored in HDD.
4032	Private-print-only error	Jobs other than Private print cannot be printed. Perform Private printing.
4033	Printing data storing limitation error	Printing with its data being stored to the HDD temporarily (Proof print, Private print, Scheduled print, etc.) cannot be performed. Perform normal printing.
4034	e-Filing storing limitation error	Printing with its data being stored to the HDD (print and e-Filing, print to e-Filing, etc.) cannot be performed. Perform normal printing.
4035	Local file storing limitation error	Network Fax or Internet Fax cannot be sent when "Local" is selected for the destination of the file to save. Select "Remote" (SMB/FTP) for the destination.
4036	User authentication error	The user performing the printing has not been authenticated or user-registered. Perform user authentication or user registration.
4040	No authority to execute a job	The user has not been assigned the role to perform this operation by the administrator.
4050	The connection with the LDAP server or its authority setting has something wrong.	Ask your LDAP server administrator about it.
A221	Print job cancel	Print job is canceled. Retry the print.
A222	Print Job power interruption	Power failure occurred. Retry the print.
A290	Limit over error	Number of prints has exceeded the one specified with the department code and user code at the same time. Clear the limit counter.
A291	Limit over error	Number of prints has exceeded the one specified with the user code. Clear the limit counter.
A292	Limit over error	Number of prints has exceeded the one specified with the department code. Clear the limit counter.

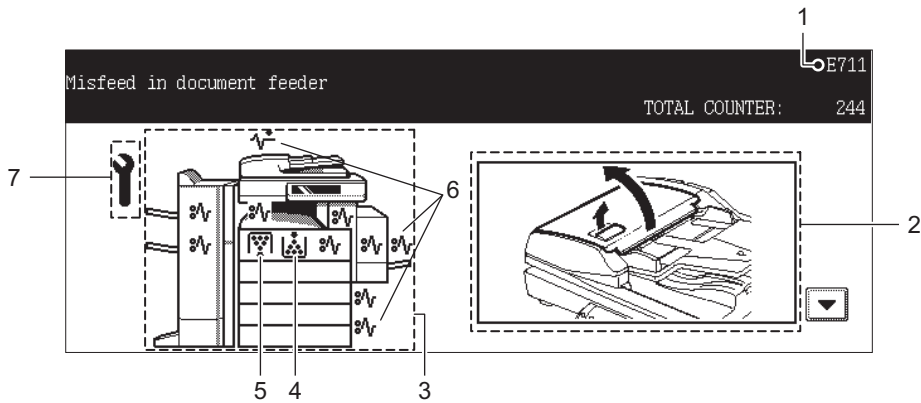
RFC related

Error code	Problem	What to do
2500	Syntax error, command unrecognized: HOST NAME error (RFC: 500), Destination mail address error (RFC: 500), Terminal mail address error (RFC: 500)	Check if the Terminal mail address and Destination mail address are correct. Check if the mail server is operating properly. Turn the power OFF and then back ON, and perform the job in error again.
2501	Syntax error in parameters or arguments: HOST NAME error (RFC: 501), Destination mail address error (RFC: 501), Terminal mail address error (RFC: 501)	Check if the Terminal mail address and Destination mail address are correct. Check if the mail server is operating properly. Turn the power OFF and then back ON, and perform the job in error again.
2503	Destination mail address error (RFC: 503)	Check if the mail server is operating properly. Turn the power OFF and then back ON, and perform the job in error again. If the error still occurs, contact your service representative.
2504	HOST NAME error (RFC: 504)	Check if the mail server is operating properly. Turn the power OFF and then back ON, and perform the job in error again. If the error still occurs, contact your service representative.
2550	Destination mail address error (RFC: 550)	Check if the Destination mail address is correct. Check the status of mailbox access restriction, etc. on the mail server.
2551	Destination mail address error (RFC: 551)	Check the Destination mail address. Check if the mail server is operating properly.
2552	Terminal/Destination mail address error (RFC: 552)	File is too large for mailbox. Confirm the mailbox size on the mail server. Transmit again in text mode or with a lower resolution. If the error still occurs, divide the document and transmit again.
2553	Terminal/Destination mail address error (RFC: 553)	Check if there is an illegal character in the mailbox in the mail server.

9. BLINKING GRAPHIC SYMBOLS

1. Blinking Graphic Symbols	272
2. Drawer Display on the Touch Panel.....	273
3. Replace Toner Cartridge Symbol	274
4. Replace Toner Bag Symbol	279
5. Jam Symbols	281
6. Call Service Symbol.....	302

1. Blinking Graphic Symbols

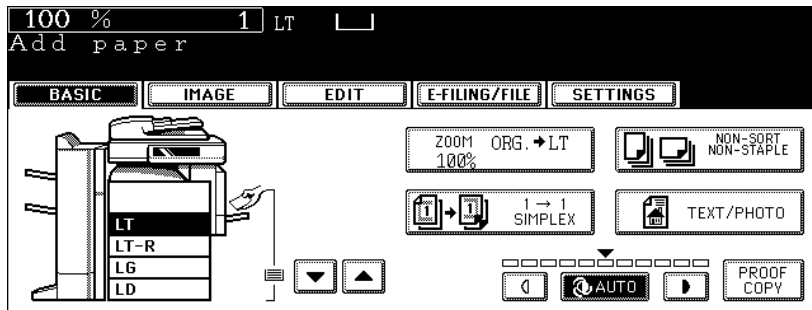


1. Error code
2. Guidance display area
3. Illustration of the equipment
4. Replace toner cartridge symbol (📖 P.274 "3.Replace Toner Cartridge Symbol")
5. Replace toner bag symbol (📖 P.279 "4.Replace Toner Bag Symbol")
6. Jam symbol (📖 P.281 "5.Jam Symbols")
7. Call service symbol (📖 P.302 "6.Call Service Symbol")

When one of the graphic symbols 4 to 7 blinks, take the appropriate action referring to the indicated pages.

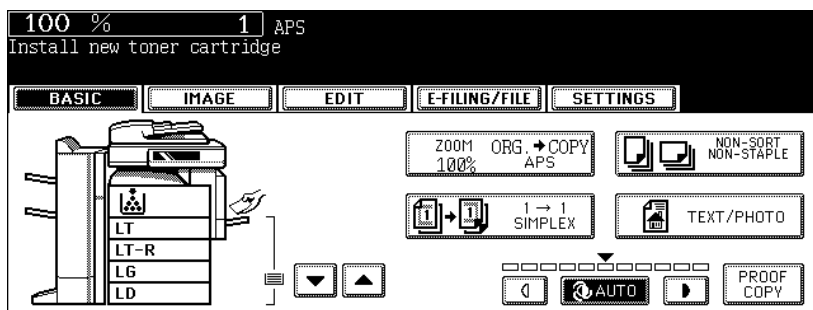
2. Drawer Display on the Touch Panel

When the drawer runs out of paper, the drawer display on the touch panel starts blinking. Add paper to the drawer.



3. Replace Toner Cartridge Symbol

When the toner cartridge runs out of toner, the Replace toner cartridge symbol blinks and “Install new toner cartridge” appears.



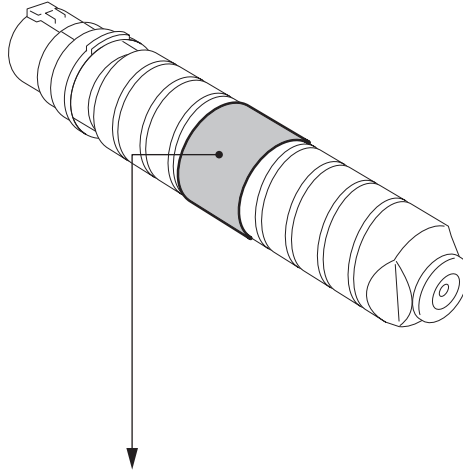
Caution

Never attempt to incinerate toner cartridges. Dispose of used toner cartridges in accordance with local regulations.

Then replace the cartridge in the following procedures.

Recommendation for original toner

At Toshiba we strive to provide you with the highest quality images. Please use genuine Toshiba toner to ensure that you continue to receive quality output that is environmentally safe.



TOSHIBA

T-3520

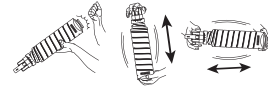
NET 675 g

FOR e-STUDIO350/450/352/452

COMPONENTS: Styrene acrylate copolymer, Carbon black(1333-86-4), Organic pigment

ORIGINAL & GENUINE TOSHIBA TONER

- HANDLE WITH CARE.
- STORE IN A DRY PLACE BELOW 35°C(95° F).
- READ THE OPERATING INSTRUCTIONS OF THE MACHINE BEFORE USING.
- MANIPULER AVEC PRECAUTION.
- GARDER DANS UN ENDROIT SANS HUMIDITE OU LA TEMPERATURE AMBIANTE EST MOINS DE 35°C.
- USER LE MANUEL D'EMPLOI DE L'APPAREIL AVANT D'EN FAIRE USAGE.



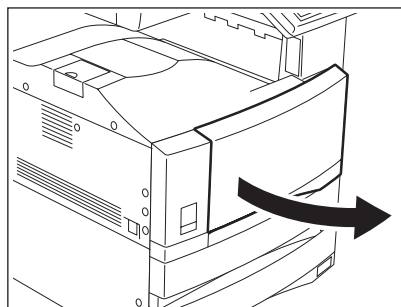
- SHAKE WELL BEFORE USING.
- TAP THE BOTTLE REPEATEDLY.
- AGITER AVANT EMPLOI.
- TAPER DE FAÇON RÉPÉTÉE SUR LA BOUTEILLE.

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(949)462-6000

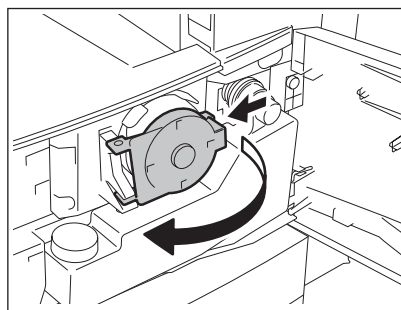
MADE IN U.S.A. / FABRIQUE AUX ETATS-UNIS

PAT. P.

1 Open the front cover.



2 While pushing on the latch, lower the cartridge holder toward you.



3 Pull the cartridge out carefully.

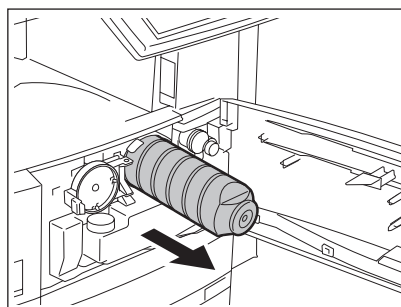
- If you cannot pull it straight out, pull it out rotating it clockwise.

Tip

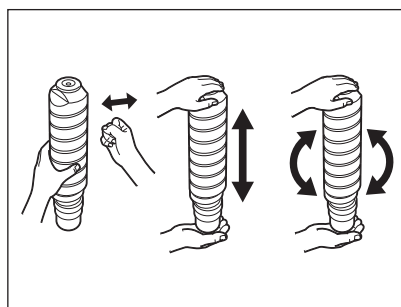
If it cannot be pulled out, close the front cover, turn the power OFF and then ON again. When "Install new toner cartridge" appears, start the procedure again from step 1.

Caution

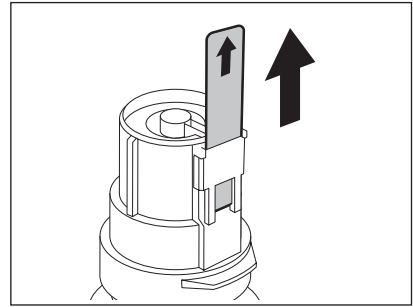
Never attempt to incinerate toner cartridges. Dispose of used toner cartridges in accordance with local regulations.



4 Tap and shake the new toner cartridge well to loosen the toner inside.

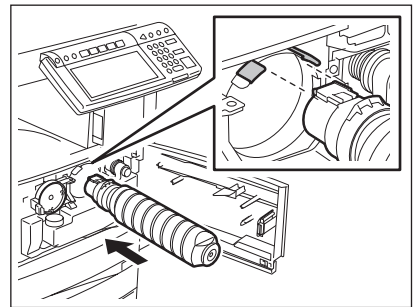


- 5 Stand the toner cartridge upright, and pull out the seal in the direction of the arrow.**

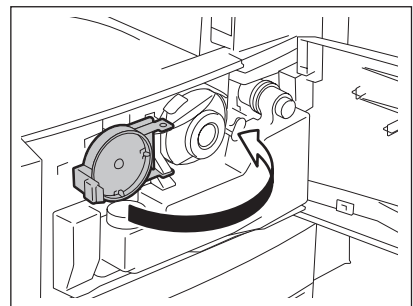


6 Insert the cartridge completely.

- Match the label (orange) on the equipment with the shutter (orange) on the toner cartridge, then insert it.
- If the inside of the equipment becomes dirty with toner, clean it before inserting the cartridge.



7 Return the cartridge holder to its original position.

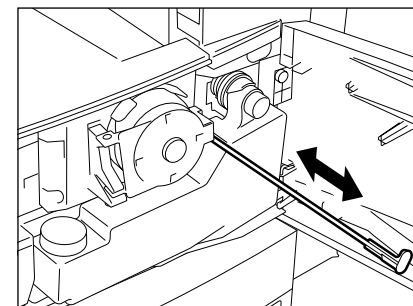


8 Clean the charger.

- Hold the cleaning knob, pull it out slowly and fully to the front and then push it back to the inside carefully and completely. Repeat this 2 or 3 times.

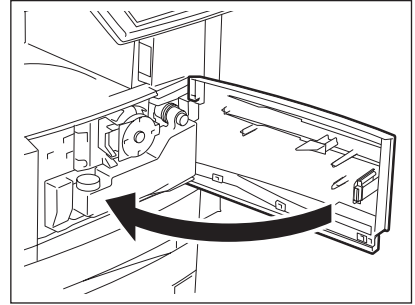
Note

Make sure that the charger knob is pushed in fully inside.



9 Close the front cover.

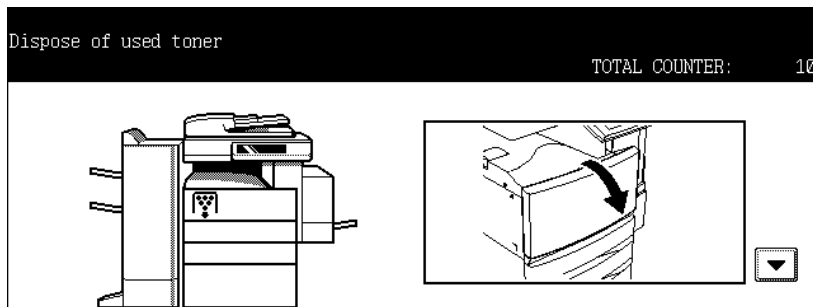
- “Wait adding toner” appears. The equipment automatically starts supplying toner.



4. Replace Toner Bag Symbol

When the toner bag becomes full of used toner, the replace toner bag symbol blinks and “Dispose of used toner” appears.

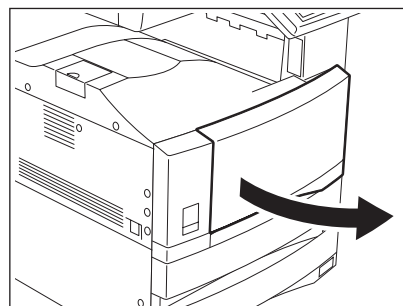
Replace the toner bag following the procedure below.



Caution

Never attempt to incinerate toner bags. Dispose of used toner bags in accordance with local regulations.

1 Open the front cover.

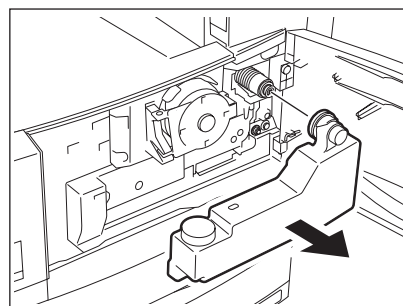


9

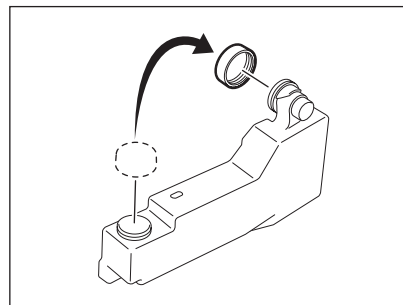
2 Pull the toner bag out carefully.

Caution

Never attempt to incinerate toner bags. Dispose of used toner bags in accordance with local regulations.



3 Put the lid on the toner bag.

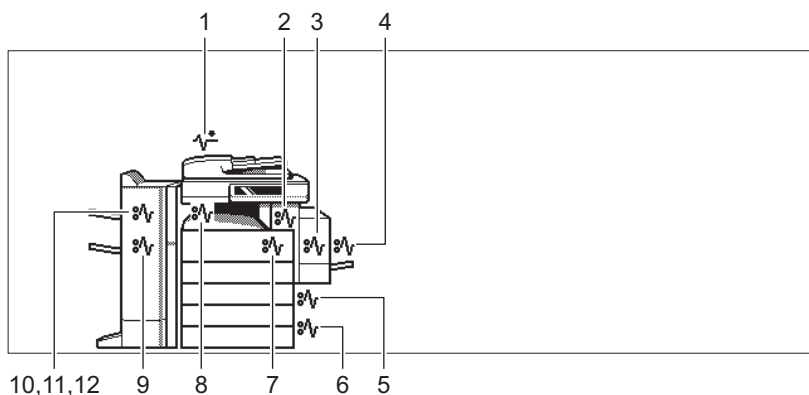


4 Set a new toner bag, and then close the front cover.

5. Jam Symbols

When a paper misfeed occurs in the equipment, the jam symbol blinks in the positions where the paper is misfed. Follow the guidance on the touch panel to remove the misfed paper properly.

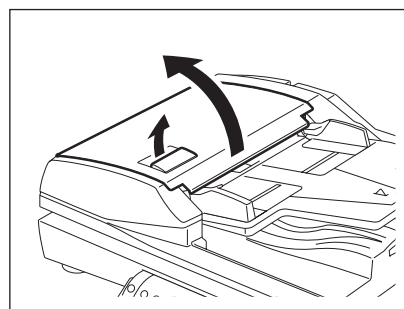
- The misfed paper may not be in the correct position as shown in the illustration depending on the timing of the misfeeding. If the jam symbol keeps blinking, though the misfed paper has been removed, perform all the operations given in the guidance.



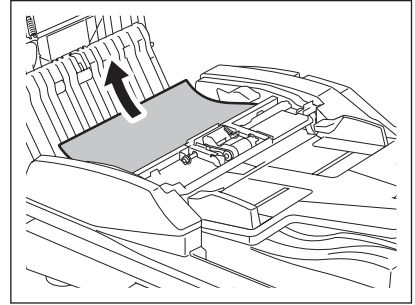
1. Reversing Automatic Document Feeder (optional) (📖 P.281)
2. Fuser Unit (📖 P.288)
3. Automatic Duplexer (📖 P.286)
4. Bypass tray (📖 P.286)
5. Drawer feeding area (📖 P.284)
6. Large Capacity Feeder (optional) (📖 P.285)
7. Jam releasing cover (📖 P.287)
8. Bridge Unit (optional) (📖 P.290)
9. Saddle Stitch Unit of Saddle Stitch Finisher (optional) (📖 P.299)
10. Finisher and Hole Punch Unit (optional: MJ-1024/1023, MJ-6004) (📖 P.297)
11. Hanging Finisher (optional) (📖 P.298)
12. Finisher and Hole Punch Unit (optional: MJ-1101, MJ-6101) (📖 P.291)

Releasing a paper misfeed in the Reversing Automatic Document Feeder (optional)

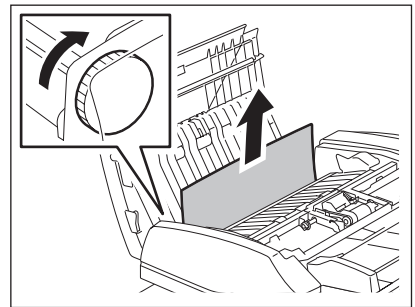
- 1** Raise the lever, and then open the upper cover.



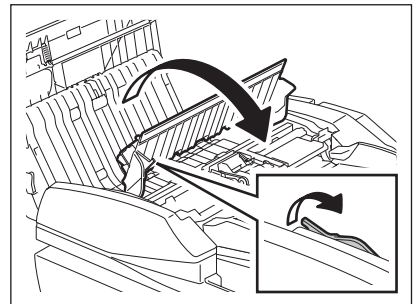
2 Remove any misfed originals.



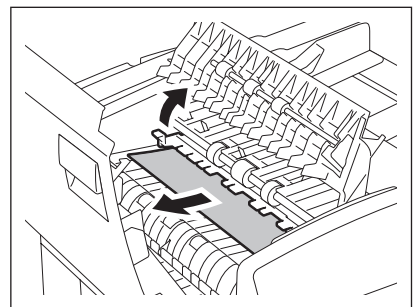
3 Turn the dial to remove the misfed original.



4 Open the transport guide.

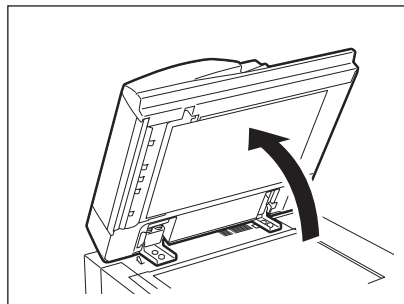


5 Raise the guide plate under the transport guide, and then remove the original under the guide plate.

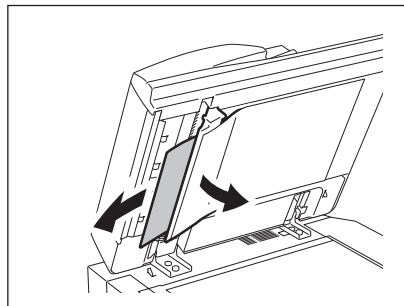


6 Close the transport guide, and then the upper cover.

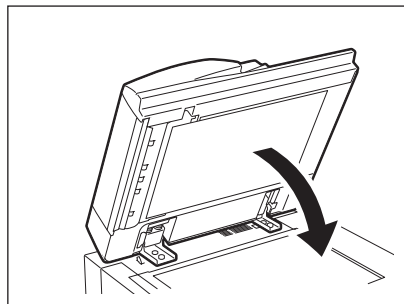
7 Open the Reversing Automatic Document Feeder.



8 Open the reverse cover, and then remove the original.

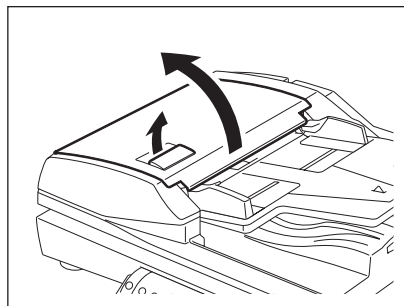


9 Close the Reversing Automatic Document Feeder.

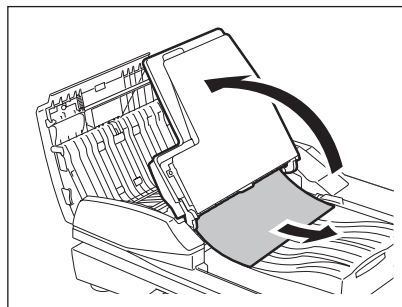


9

10 Raise the lever, and then open the upper cover.

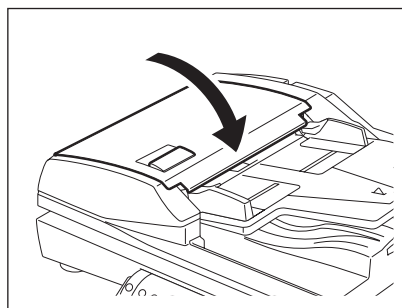


-
- 11** Raise the original feeding tray, and then remove the original under the tray.



- 12** Lower the original feeding tray.

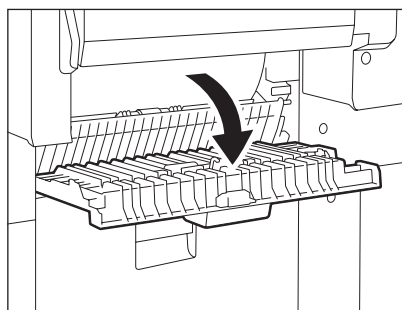
- 13** Close the upper cover.



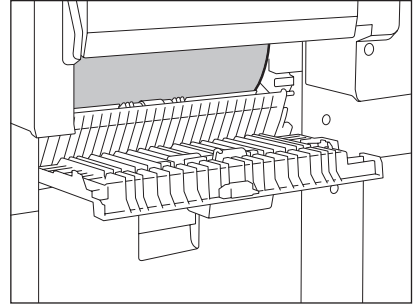
9

Releasing a paper misfeed in drawer feeding area

- 1** Open the cover.



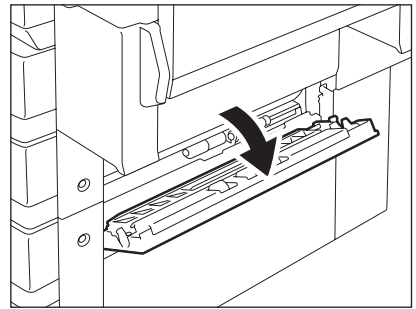
2 Remove any misfed paper.



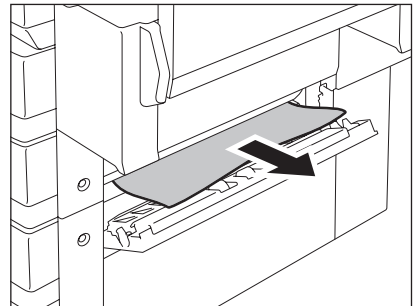
3 Close the cover.

Releasing a paper misfeed in the Large Capacity Feeder (optional)

1 Open the cover of the Large Capacity Feeder.

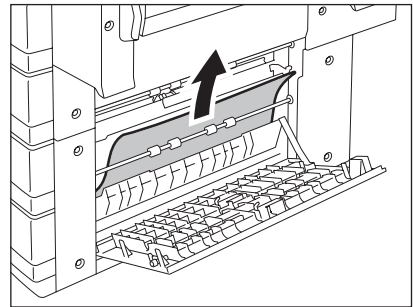


2 Remove any misfed paper.



To release a paper misfeed in the Paper Feed Pedestal (optional):

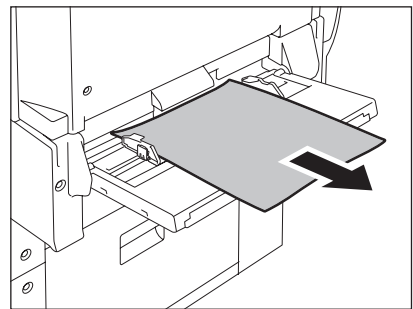
Open the cover of the Paper Feed Pedestal as shown on the right, and remove any misfed paper.



3 Close the cover.

Releasing a paper misfeed on the bypass tray

1 Pull out misfed paper on the bypass tray.



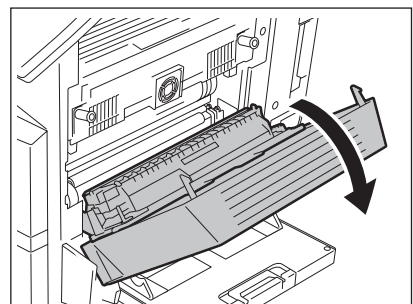
9

Releasing a paper misfeed in the automatic duplexer

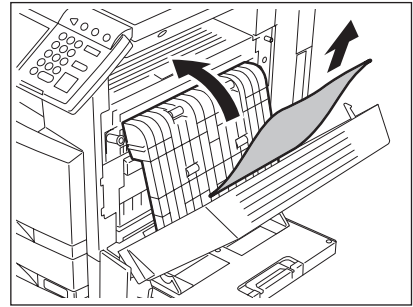
Caution

- Be careful not to let your fingers be caught between the equipment and the automatic duplexer. This could injure you.
- Do not touch the metal portion of a guide plate as it could burn you.

1 Make sure that the bypass tray is opened, and then open the automatic duplexer.



-
- 2** Lift the paper guide as indicated by the arrow and remove any misfed paper.



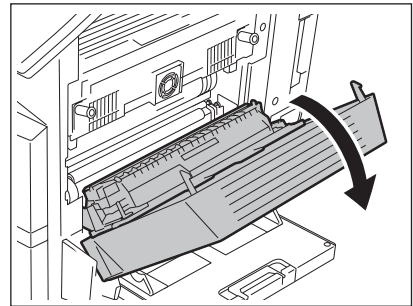
- 3** Lower the paper guide and return the automatic duplexer to the original position.

- Be sure to close both sides of the automatic duplexer firmly.

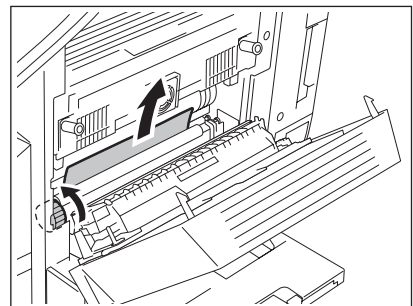
Releasing a paper misfeed in the jam releasing cover

- 1** Make sure that the bypass tray is opened, and then open the automatic duplexer.

- When you open the automatic duplexer, the jam releasing cover will be opened.



- 2** Rotate the green knob as indicated by the arrow toward the inside and remove any misfed paper.



- 3** Return the jam releasing cover, the automatic duplexer and the bypass tray to the original positions.

- Returning the automatic duplexer to the original position will close the jam releasing cover.
- Be sure to close both sides of the automatic duplexer firmly.

Releasing a paper misfeed in the fuser unit

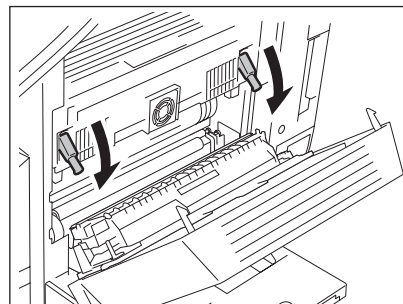
Caution

Do not touch the fuser unit or the metal area around it. Since they are very hot, you could be burned or the shock could cause an injury to your hand.

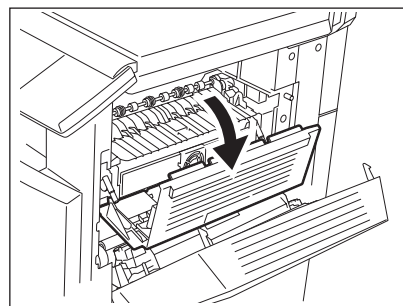
- 1 Make sure that the bypass tray, the automatic duplexer and the jam releasing cover are open, and push down the 2 fuser pressure release levers until they come to a stop.**

Tip

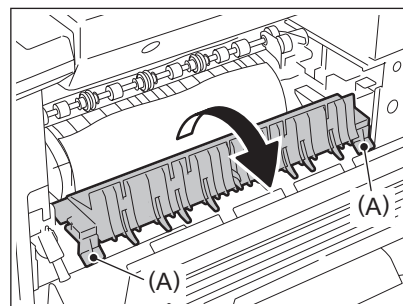
Be sure to perform step 1 without fail.



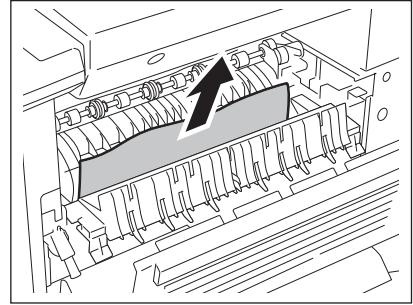
- 2 Open the fuser unit cover.**



- 3 Holding the knob (A), open the transport guide.**



- 4 Remove any misfed paper inside the fuser unit.



- 5 Close the transport guide and the fuser unit cover. Push up the fuser pressure release lever to return the jam releasing cover, the automatic duplexer and the bypass tray to the original positions.

Releasing a paper misfeed in the Offset Tray Unit or Job Separator Unit (optional)

Caution

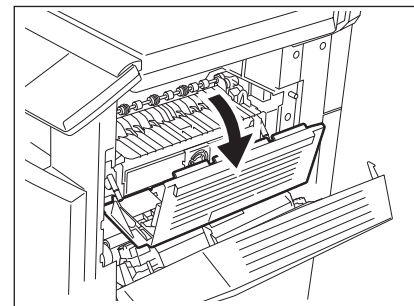
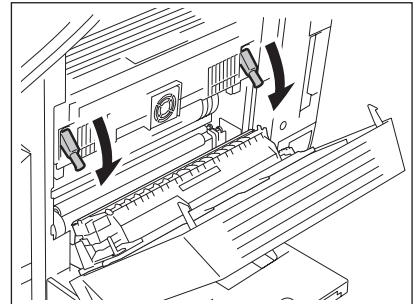
DO NOT touch the fuser unit and the metal area around it. Since they are very hot, you could be burned or the shock could cause an injury to your hand in the equipment.

- 1 Make sure that the bypass tray, the automatic duplexer and the jam releasing cover are open, and push down the 2 fuser pressure release levers until they come to a stop.

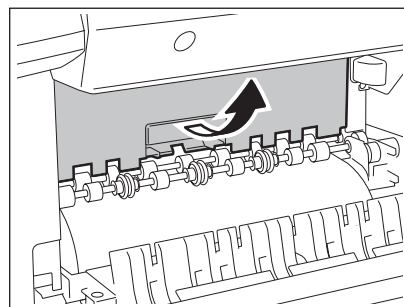
Tip

Be sure to perform step 1 without fail.

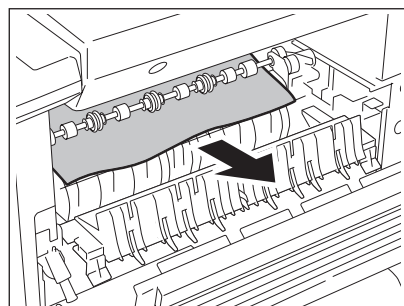
- 2 Open the fuser unit cover.
 - Remove the misfed paper from the fuser unit side if it is easier.



- 3** Open the offset tray cover or job separator cover.



- 4** Remove any misfed paper inside the offset tray unit or job separator unit.

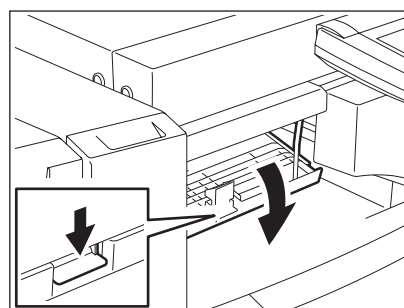


- 5** Close the offset tray cover or job separator cover. Close the fuser unit cover and the jam releasing unit cover. Return the automatic duplexer and bypass tray to the original positions.

9

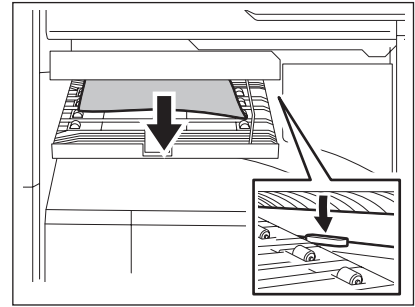
Releasing a paper misfeed in the Bridge Unit (optional)

- 1** Holding the cover handle of the Bridge Unit, open the cover.



2 Remove any misfed paper that is inside the Bridge Unit.

- Remove the misfed paper from the fuser unit side if it is easier.

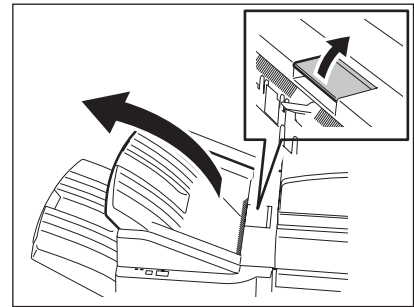


3 Close the Bridge unit cover.

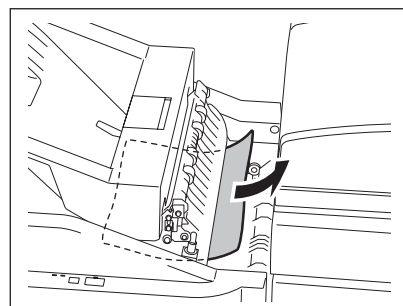
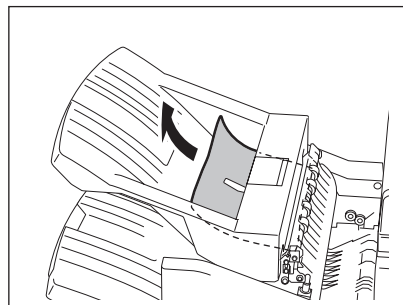
Releasing a paper misfeed in the Finisher and the Hole Punch Unit (optional: MJ-1101/6101)

A paper misfeed at the upper tray

1 Raise the lever, and then open the upper tray.

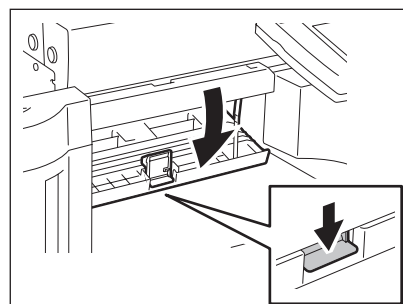


2 Remove any misfed paper.



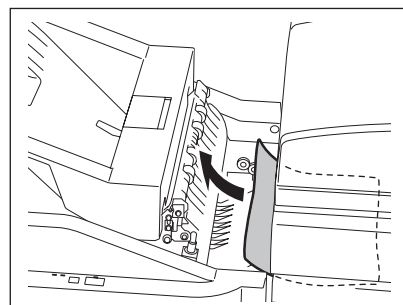
3 Holding the cover handle of the Bridge Unit, open the cover.

- When the Hole Punch Unit (optional: MJ-6101) is installed, proceed to step 5.



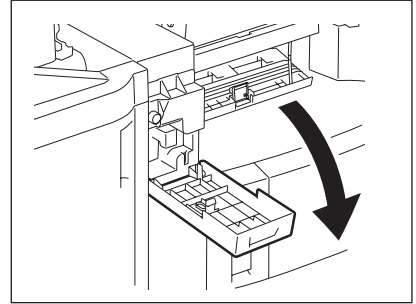
4 Remove any misfed paper.

- Proceed to step 8.

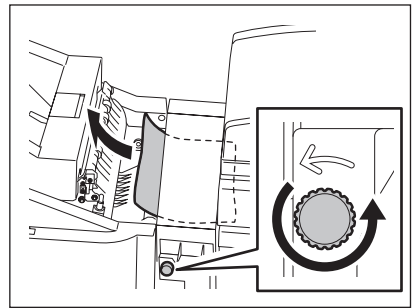


When installing the Hole Punch Unit (optional: MJ-6101)

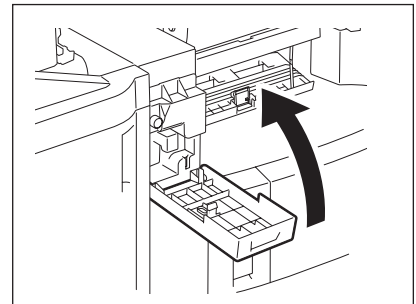
5 Open the cover of the Hole Punch Unit.



6 Turn the knob counterclockwise to remove any misfed paper.



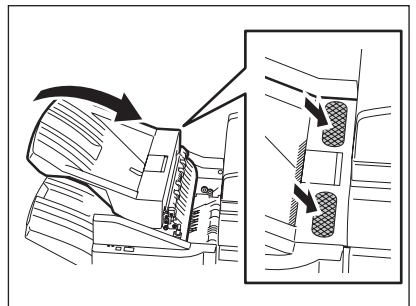
7 Close the cover of the Hole Punch Unit.



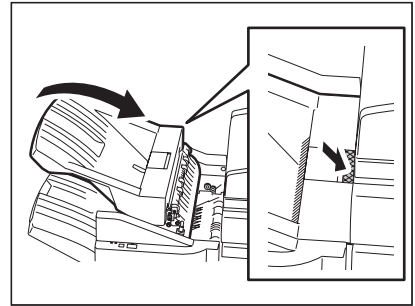
8 Close the cover of the Bridge Unit.

9 Close the upper tray.

- Place both hands at the shaded area of the upper tray, and then push and close the upper tray until it locks.

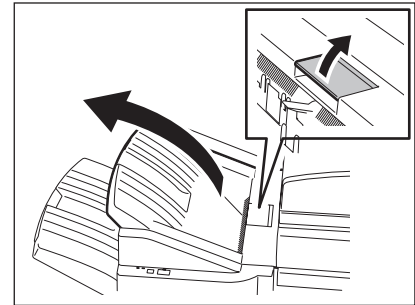


- The upper tray can be closed by pressing the right side of the latch.

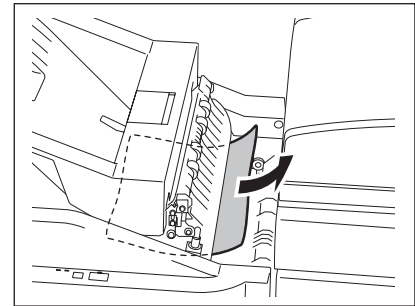


A paper misfeed at the lower tray

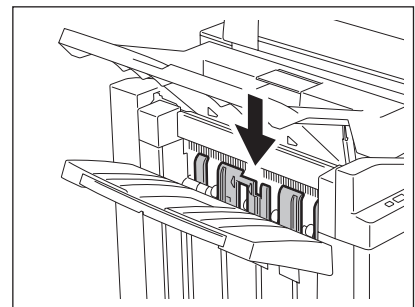
1 Raise the lever, and then open the upper tray.



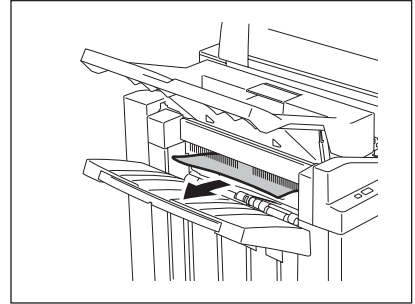
2 Remove any misfed paper.



3 Lower the shutter of the paper exit.

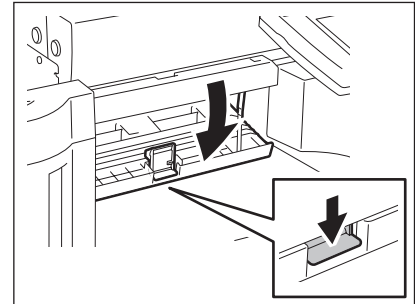


4 Remove any misfed paper.



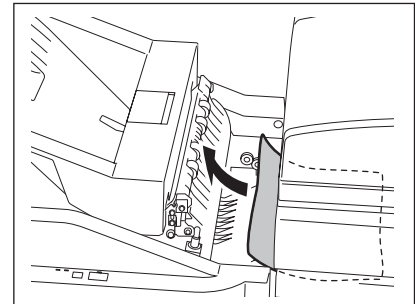
5 Holding the cover handle of the Bridge Unit, open the cover.

- When the Hole Punch Unit (optional: MJ-6101) is installed, proceed to step 7.



6 Remove any misfed paper.

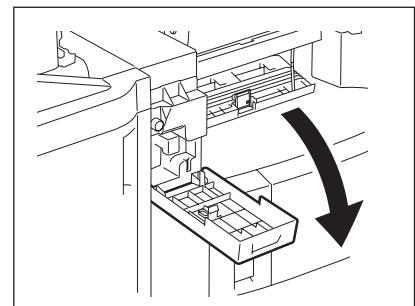
- Proceed to step 10.



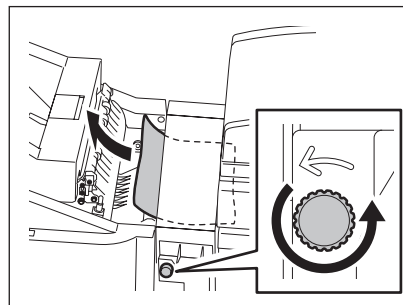
9

When installing the Hole Punch Unit (optional: MJ-6101)

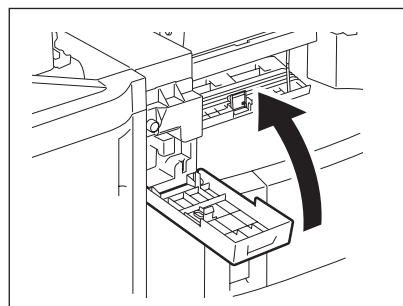
7 Open the cover of the Hole Punch Unit.



8 Turn the knob counterclockwise to remove any misfed paper.



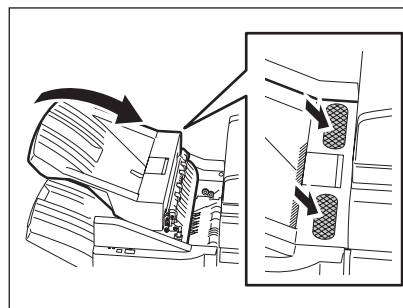
9 Close the cover of the Hole Punch Unit.



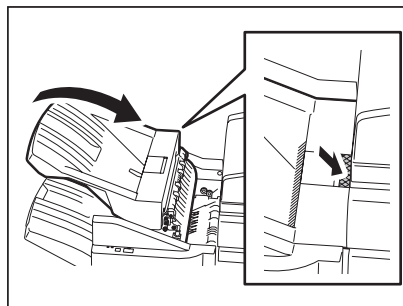
10 Close the cover of the Bridge Unit.

11 Close the upper tray.

- Place both hands at the shaded area of the upper tray, and then push and close the upper tray until it locks.



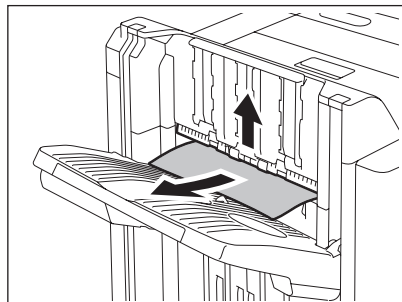
- The upper tray can be closed by pressing the right side of the latch.



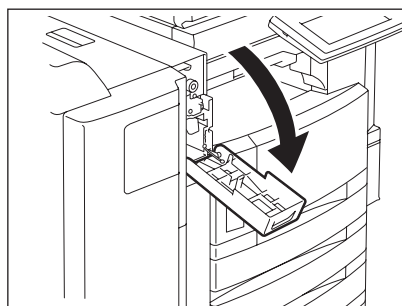
Releasing a paper misfed in the Finisher and the Hole Punch Unit (optional: MJ-1024/1023, MJ-6004)

1 Hold up the guide and remove any misfed paper in the paper exit area.

- When the Hole Punch Unit (optional: MJ-6004) is installed, proceed to step 2. If not installed, proceed to step 6.

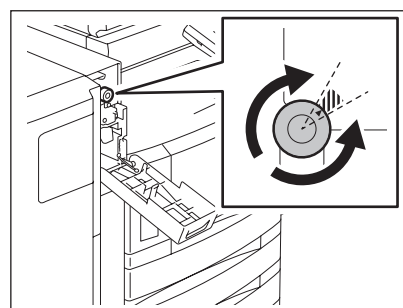


2 Open the front cover of the Hole Punch Unit.



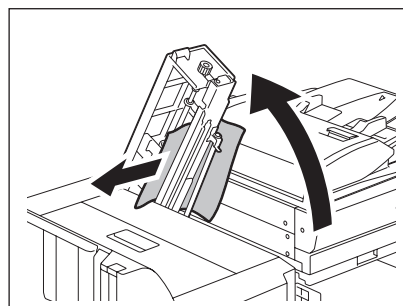
3 Turn the green knob to locate the triangle mark within the area indicated on the label.

- Under this condition, the punchers are up.



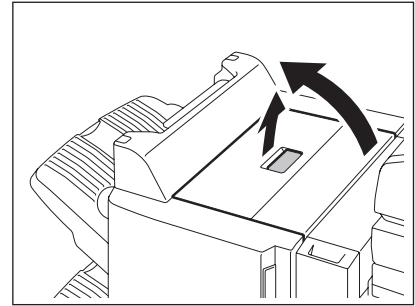
9

4 Raise the Hole Punch Unit, and remove any misfed paper.

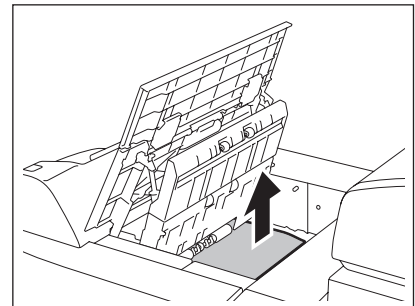


5 Return the Hole Punch Unit to the original position and close the front cover.

6 Open the upper cover of the Finisher until it locks.



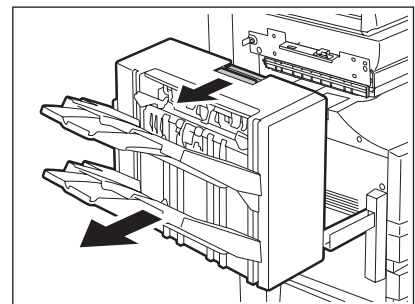
7 Remove any misfed paper.



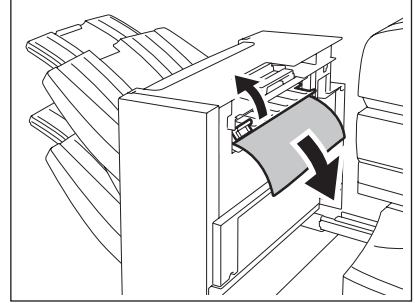
9 **8** Close the upper cover.

Releasing a paper misfeed in the Hanging Finisher (optional: MJ-1022)

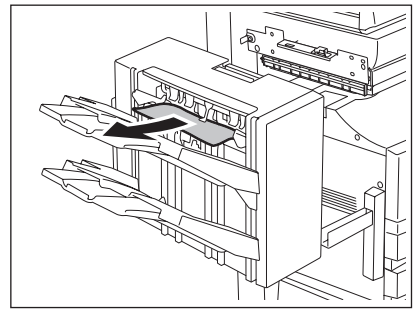
1 Pull the lever and move the finisher carefully away from the equipment.



-
- 2** Lift the green lever and remove any misfed paper.



- 3** Remove any misfed paper in the paper exit area.



- 4** Install the finisher to the equipment.

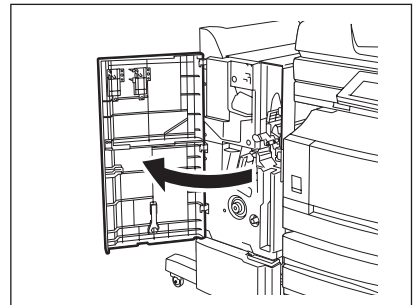
Caution

Be careful not to let your fingers be caught between the equipment and the finisher (optional). This could injure you.

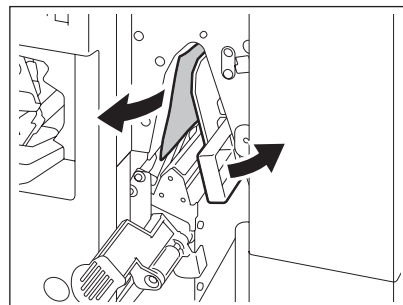
9

Releasing a paper misfeed in the Saddle Stitch Unit (optional)

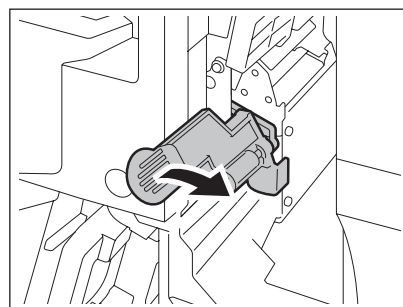
- 1** Open the front cover of the Saddle Stitch Finisher.



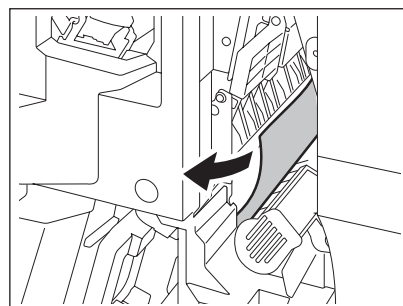
- 2** Slide the green handle toward the right and remove the misfed paper.



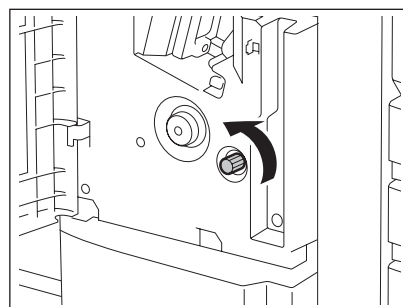
- 3** Move the green handle to the right-hand side.



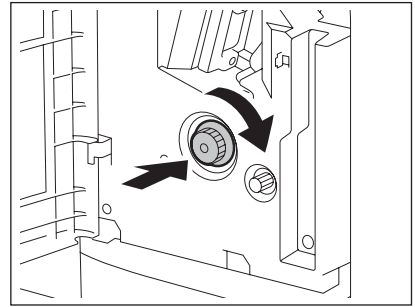
- 4** Remove any misfed paper and return the handle to its original position.



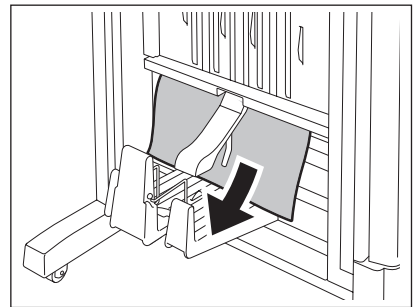
- 5** Turn the right-hand knob counterclockwise.



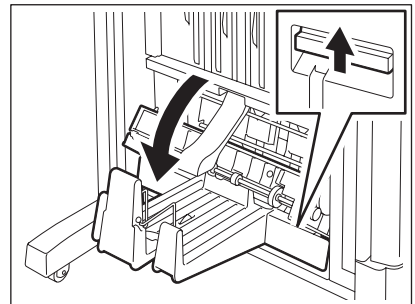
- 6** Turn the left-hand knob clockwise while you are pushing it.



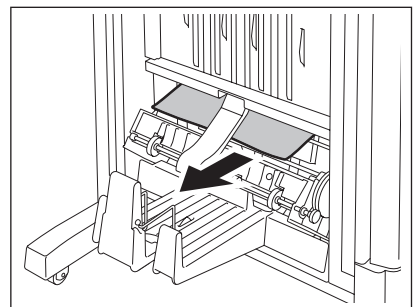
- 7** Remove any misfed paper on the exit side of the Saddle Stitch Unit.



- 8** Raise the lever and open the exit cover of the Saddle Stitch Unit.



- 9** Remove any misfed paper.



9

- 10** Close the exit cover and the front cover.

6. Call Service Symbol



1. Call service symbol
2. Error code

Warning

Never attempt to repair, disassemble or modify the equipment by yourself. You could cause a fire or get an electric shock.

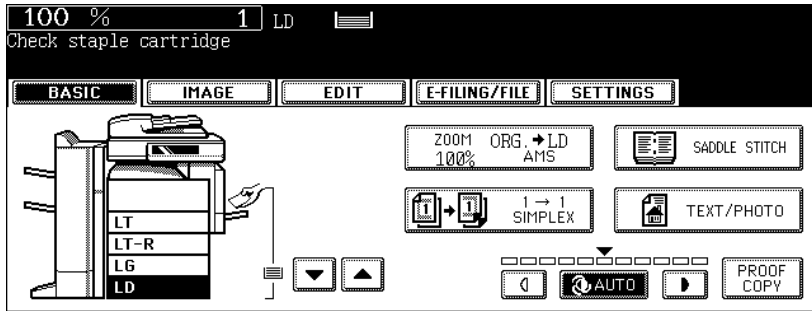
Always contact your service representative for maintenance or repair of the internal parts of the equipment.

When the call service symbol blinks and "Misfeed in copier Press HELP" appears, output is no longer possible. Contact your service representative with the information of the displayed error code.

10. WHEN THIS MESSAGE APPEARS

1. "Check staple cartridge"	304
2. "Check staple cartridge in the Saddle Stitch Unit"	310
3. "Examine stapler"	312
4. "READY (CHECK STAPLER)"	318
5. "Examine stapler in the Saddle Stitch Unit"	319
6. "READY (CHECK SADDLE STITCH STAPLER)"	322
7. "READY (HOLE PUNCH DUST BIN IS FULL)"	323
8. "POWER FAILURE"	325
9. "Time for periodic maintenance"	326
10. "Check paper size setting on control panel for drawer N"	327
11. "Reboot the machine"	334

1. “Check staple cartridge”

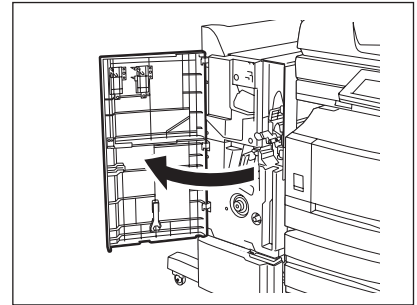


This message will be shown only if the finisher (optional) is installed. When the staples in the stapler of the finisher run out, this message appears. Add staples to the cartridge according to the following procedure.

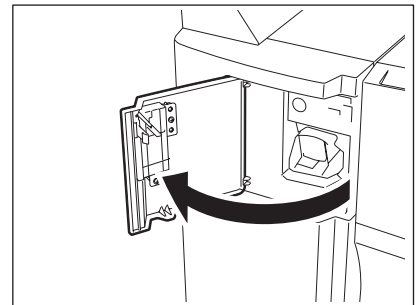
Finisher (optional: MJ-1024/1023)

1 Open the front cover of the finisher.

<MJ-1024>

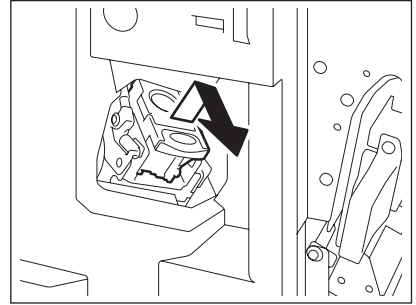


<MJ-1023>

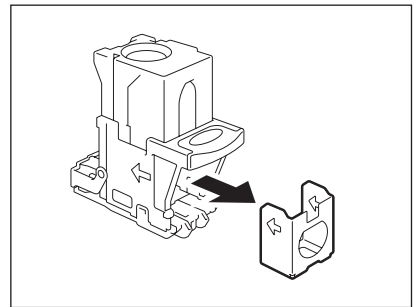


10

2 Take off the staple cartridge.

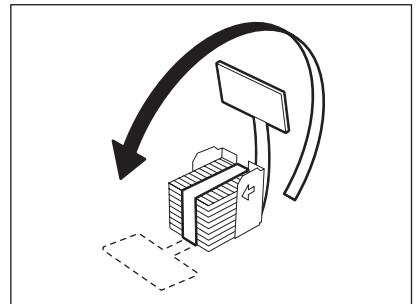


3 Take the empty staple case out of the staple cartridge.



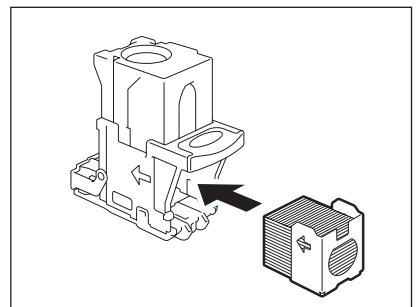
4 Remove the seal bundling the staples.

- Be careful that the staples are not misaligned.



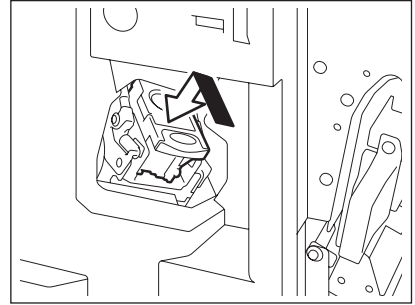
5 Install a new staple case into the staple cartridge.

- Insert the new case into the cartridge until you hear a click sound.



6 Install the staple cartridge onto the stapler.

- Insert the cartridge until it is caught by the latch and fixed with a click sound.



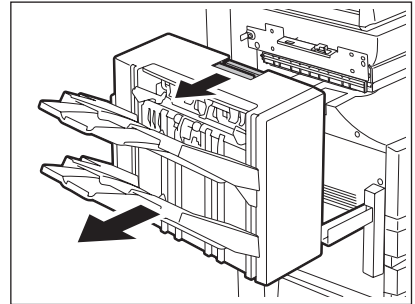
7 Close the front cover of finisher.

Note

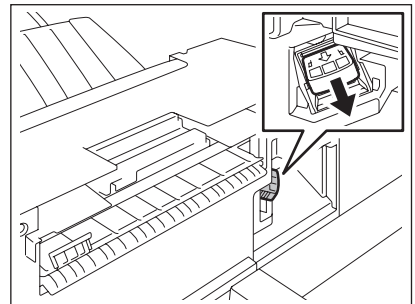
If "Check staple cartridge" remains, repeat the above procedure from steps 1 to 7.

Hanging Finisher (optional: MJ-1022)

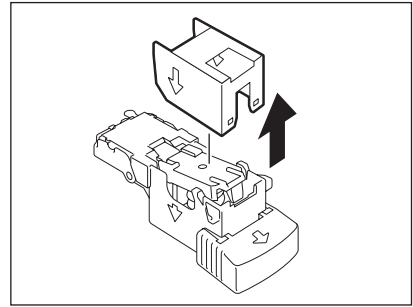
1 Pull the lever and move the finisher away carefully from the equipment.



2 Take off the staple cartridge.

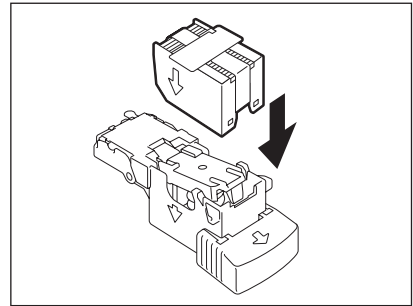


3 Take the empty staple case out of the staple cartridge.

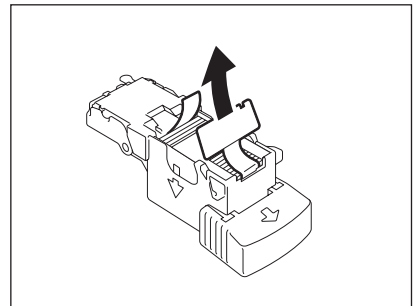


4 Install a new staple case into the staple cartridge.

- Insert the new case into the cartridge until you hear a click sound.
- Do not remove the seal bundling the staples until the new staple case is installed into the cartridge.



5 Remove the seal bundling the staples and then pull out the seal straight upward.

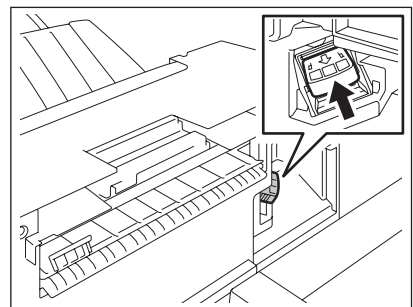


6 Install the staple cartridge into the stapler.

- Insert the cartridge until it is caught by the latch and fixed with a click sound.

Tip

If "Check staple cartridge" remains, repeat the above procedure from steps 1 to 6.



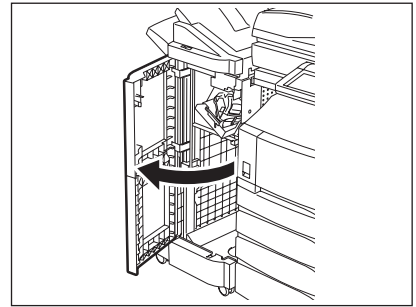
7 Install the finisher to the equipment.

Caution

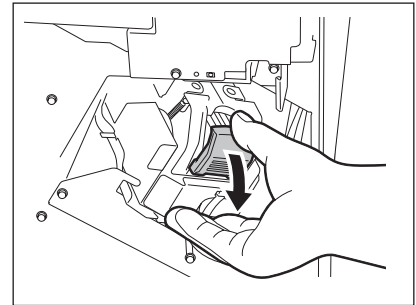
Be careful not to let your fingers be caught between the equipment and the finisher (optional). This could injure you.

Finisher (optional: MJ-1101)

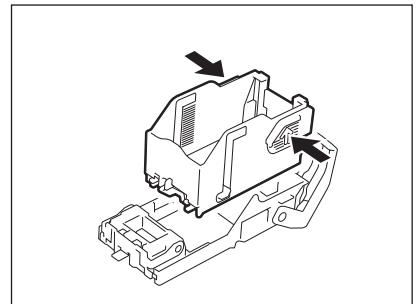
1 Open the front cover of the finisher.



2 Take off the staple cartridge.

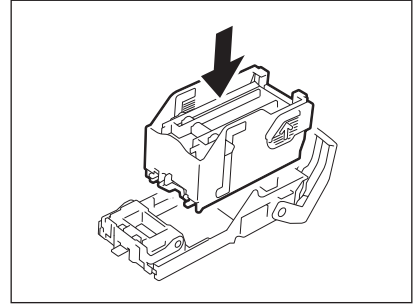


3 Take the empty staple case out of the staple cartridge.



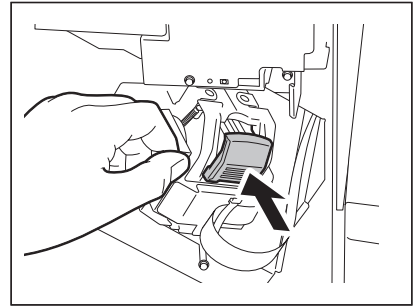
4 Install a new staple case into the staple cartridge.

- Insert the new case into the cartridge until you hear a click sound.



5 Install the staple cartridge onto the stapler.

- When installing the staple cartridge, hold the mint-green color label portion of the bracket securely so that it will not move.
- Insert the cartridge until it is caught by the latch and fixed with a click sound.

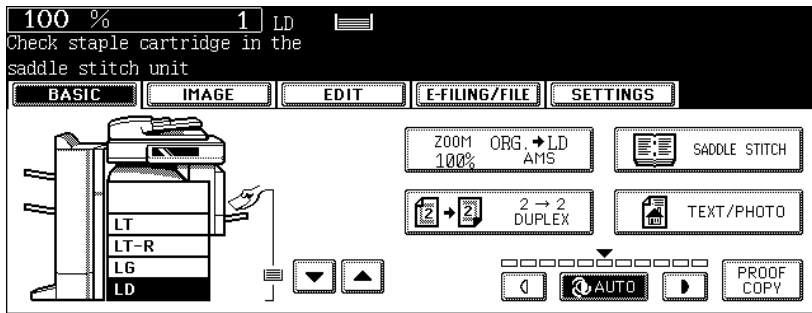


6 Close the front cover of finisher.

Note

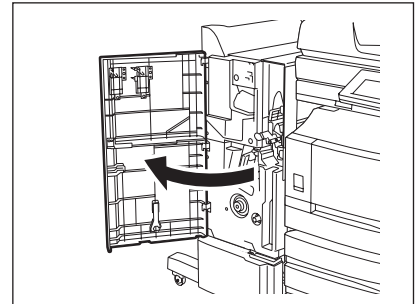
If "Check staple cartridge" remains, repeat the above procedure from steps 1 to 6.

2. “Check staple cartridge in the Saddle Stitch Unit”

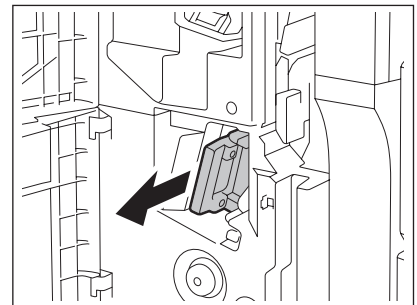


This message will be shown only if the Saddle Stitch Finisher (optional: MJ-1024) is installed. When the staples in the stapler of the Saddle Stitch Finisher run out, this message appears. Replace the staple cartridge according to the following procedure.

1 Open the front cover of the finisher.

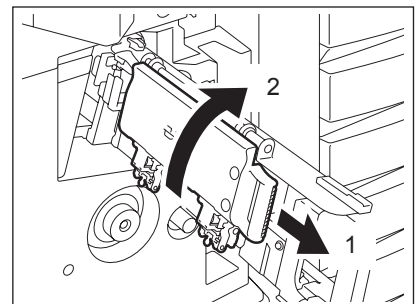


2 Slide the Saddle Stitch Unit carefully toward the front.



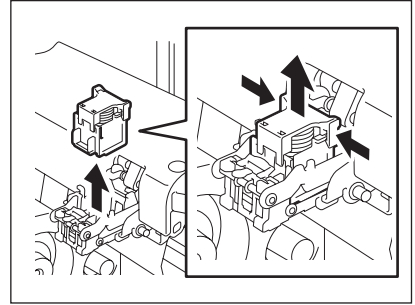
3 Pull the handle of the stapler of the Saddle Stitch Unit toward you to unlock it. Then turn the stapler clockwise for about 60 degrees.

- The stapler will be locked and will not be turned any further when it becomes almost horizontal.



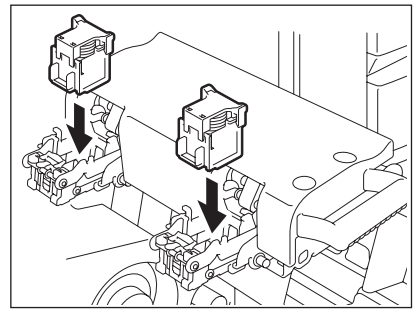
4 Take out the empty staple cartridge.

- Replace both cartridges at a time.

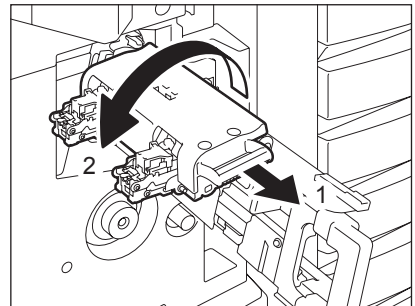


5 Install the new staple cartridge.

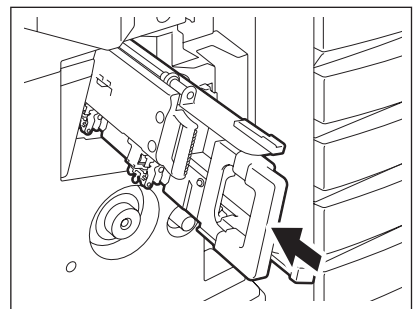
- When installing a staple cartridge, push it downward until it is fixed with a click sound.



6 Pull the handle of the stapler of the Saddle Stitch Unit toward you to unlock it. Then lower the stapler to its original position.

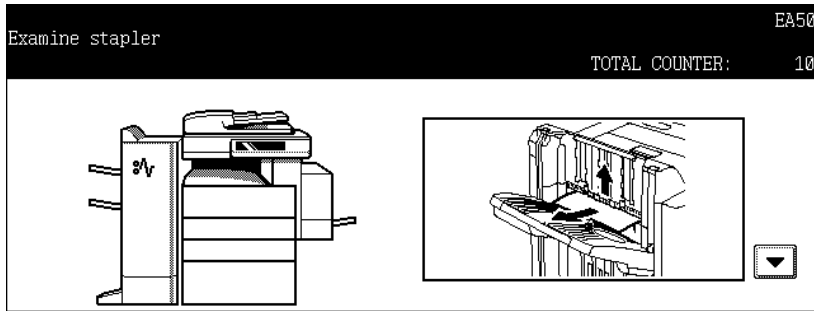


7 Insert the Saddle Stitch Unit into the finisher carefully.



8 Close the front cover of the finisher.

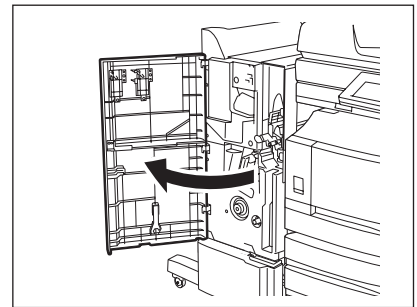
3. “Examine stapler”



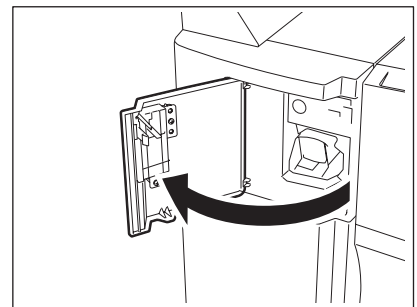
This message appears when the staples in the finisher (optional) are jammed. To remove them, follow the procedure below.

Finisher (optional: MJ-1024/1023)

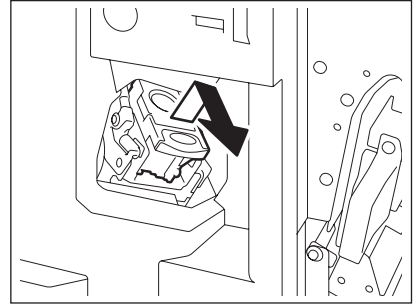
- 1 Open the front cover of the finisher.
<MJ-1024>



<MJ-1023>



2 Take off the staple cartridge.

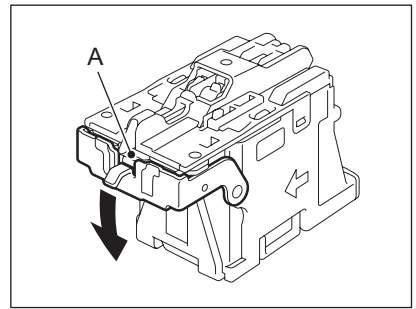


3 Lower the guide while holding the knob.

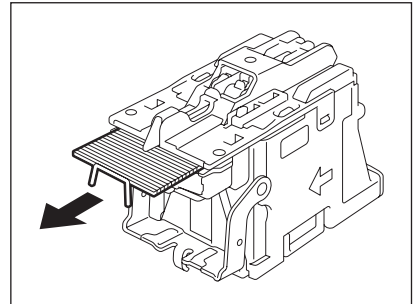
A: Stapling area

Caution

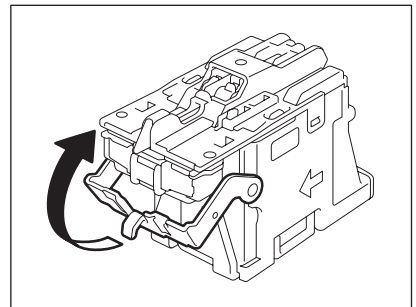
Do not touch the stapling area. The stapler could injure you.



4 Remove any jammed staples.

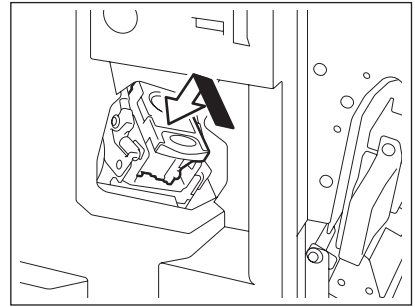


5 Hold the knob and raise the guide, and then return the guide to its original position.



6 Install the staple cartridge into the stapler.

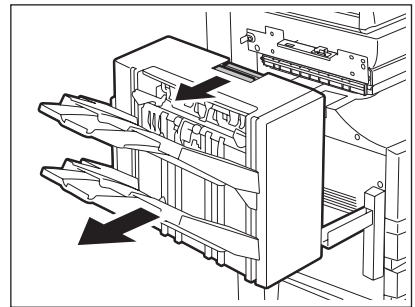
- Insert the cartridge until it is caught by the latch and fixed with a click sound.



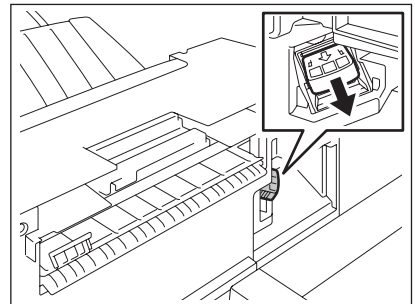
7 Close the front cover of the finisher.

Hanging Finisher (optional: MJ-1022)

1 Pull the lever and move the finisher away carefully from the equipment.



2 Take off the staple cartridge.

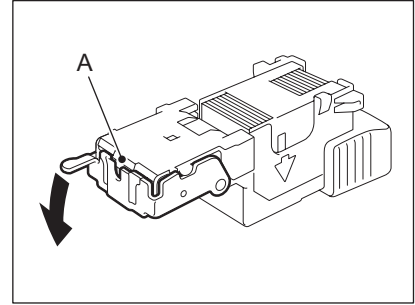


3 Lower the guide while holding the knob.

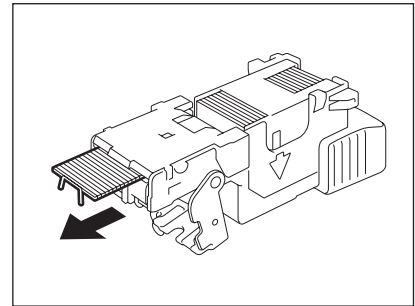
A: Stapling area

Caution

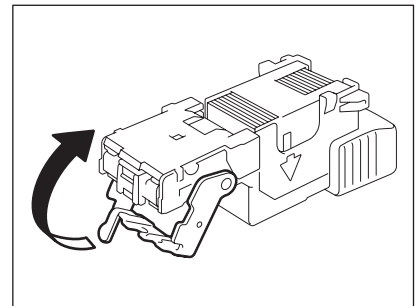
Do not touch the stapling area. The stapler could injure you.



4 Remove any jammed staples.

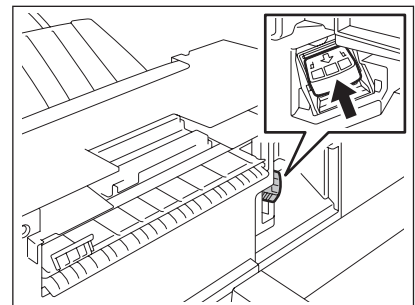


5 Hold the knob and raise the guide, and then return the guide to its original position.



6 Install the staple cartridge into the stapler.

- Insert the cartridge until it is caught by the latch and fixed with a click sound.



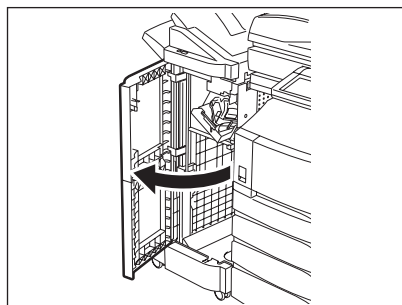
7 Install the finisher to the equipment.

Caution

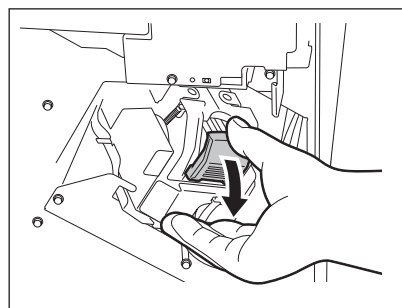
Be careful not to let your fingers be caught between the equipment and the finisher (optional). This could injure you.

Finisher (optional: MJ-1101)

1 Open the front cover of the finisher.



2 Take off the staple cartridge.

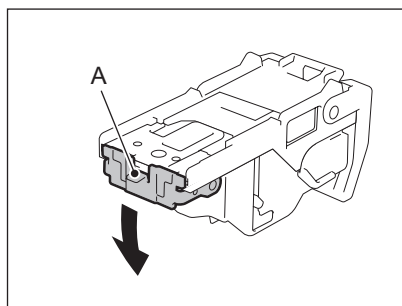


3 Lower the guide while holding the knob.

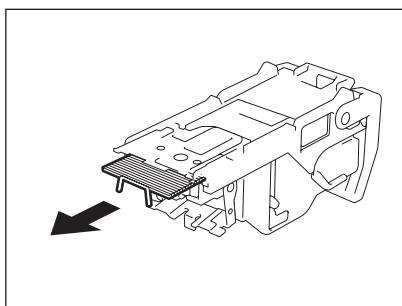
A: Stapling area

Caution

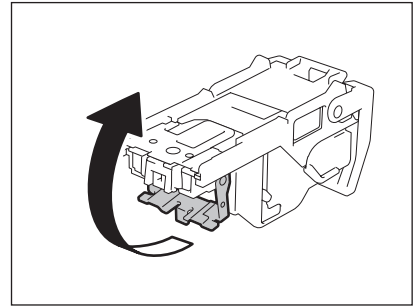
Do not touch the stapling area. The stapler could injure you.



4 Remove any jammed staples.

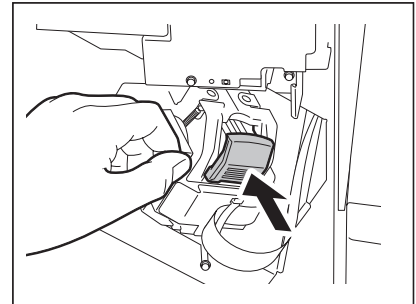


5 Hold the knob and raise the guide, and then return the guide to its original position.



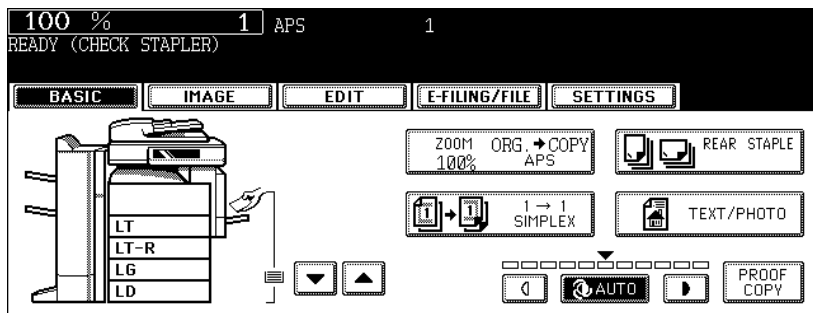
6 Install the staple cartridge into the stapler.

- When installing the staple cartridge, hold the mint-green color label portion of the bracket securely so that it will not move.
- Insert the cartridge until it is caught by the latch and fixed with a click sound.



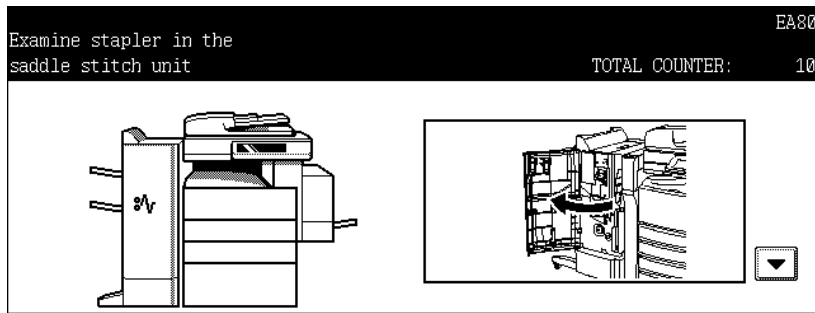
7 Close the front cover of the finisher.

4. “READY (CHECK STAPLER)”



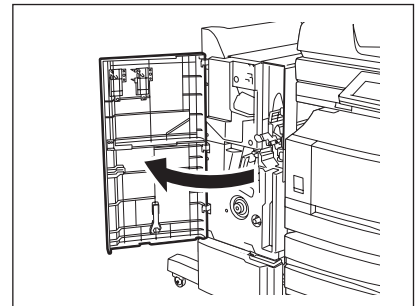
This message will be shown only when the finisher (optional) is installed. It appears when the staples in the stapler of the finisher run out or when the staples in the finisher are jammed. Clear the error according to the procedure in [P.304](#) “1. “Check staple cartridge”” or [P.312](#) “3. “Examine stapler””.

5. “Examine stapler in the Saddle Stitch Unit”

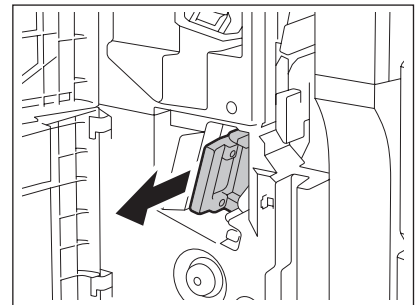


This message appears when the staples in the Saddle Stitch Unit (optional) of the Saddle Stitch Finisher (optional: MJ-1024) are jammed. To remove them, follow the procedure below.

1 Open the front cover of the finisher.

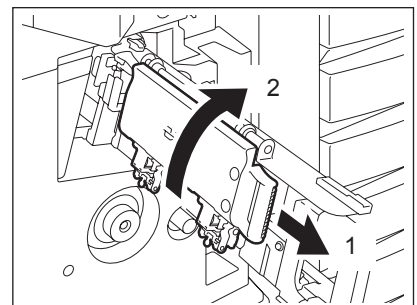


2 Slide the Saddle Stitch Unit carefully toward the front.

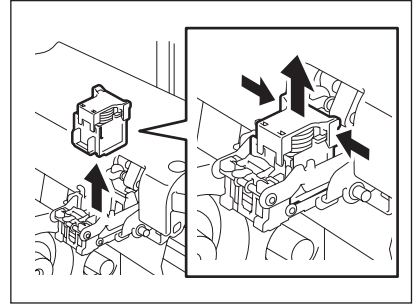


3 Pull the handle of the stapler of the Saddle Stitch Unit toward you to unlock it. Then turn the stapler clockwise for about 60 degrees.

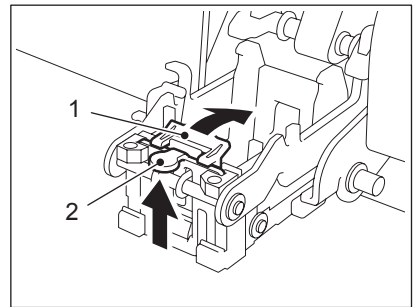
- The stapler will be locked and will not be turned any further when it becomes almost horizontal.



4 Take off the staple cartridge.



5 While pushing the lever (1) downward, pull up the shutter with the knob (2).

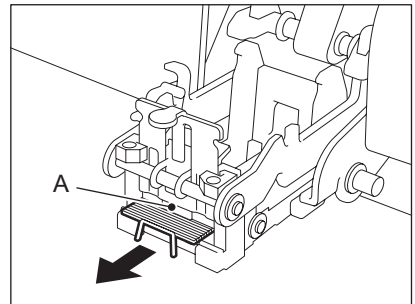


6 Remove any jammed staples.

A: Stapling area

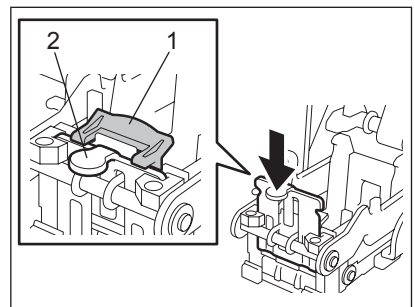
Caution

Do not touch the stapling area. The stapler could injure you.



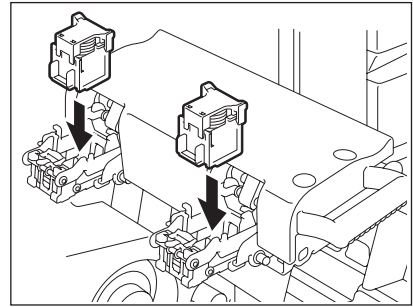
7 Push the knob (2) to return it to its original position.

- Confirm if the lever (1) is latched onto the shutter.

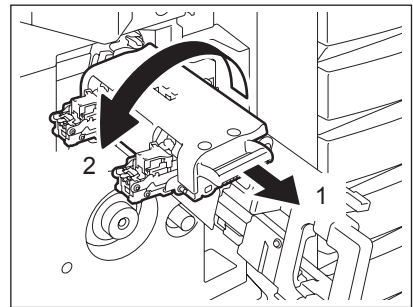


8 Install the staple cartridge.

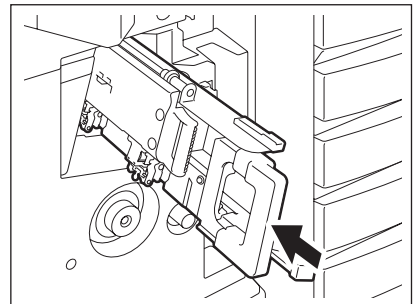
- When installing a staple cartridge, push it downward until it is fixed with a click sound.



9 Pull the handle of the stapler of the Saddle Stitch Unit toward you to unlock it. Then return the stapler to its original position.



10 Insert the Saddle Stitch Unit into the finisher carefully.



10

11 Check the following 2 items before test stapling.

- Check if the finisher is securely installed on the equipment.
- Check if any of LD or LT-R paper is set in the drawer.

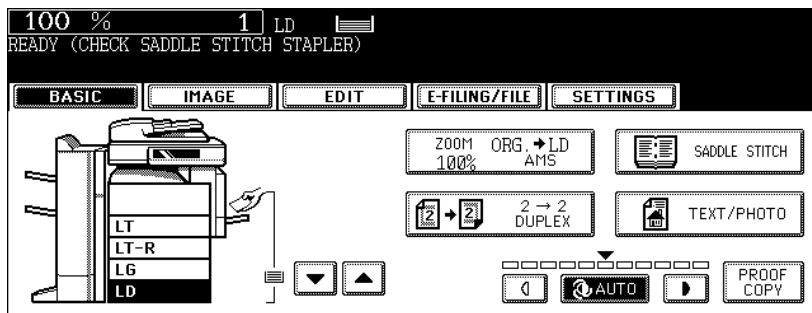
12 Close the front cover of the finisher.

- Test stapling is automatically performed.

Tip

Test stapling will not be performed if the conditions mentioned in step 11 are not met. Be sure to check the items mentioned in step 11 and open the front cover of the finisher and then close it again before performing test stapling. Test stapling is necessary to prevent void stapling.

6. “READY (CHECK SADDLE STITCH STAPLER)”



This message will be shown only when the Saddle Stitch Finisher (optional: MJ-1024) is installed. It appears when the staples in the stapler of the Saddle Stitch Finisher run out or when the staples in the Saddle Stitch Finisher are jammed.

Remove the jammed staples according to the procedure in [P.319](#) “5. “Examine stapler in the Saddle Stitch Unit””.

If the staples run out, follow the procedure below as well as the procedure in [P.310](#) “2. “Check staple cartridge in the Saddle Stitch Unit””.

1 Follow steps 1 to 6 of [P.310](#) “2. “Check staple cartridge in the Saddle Stitch Unit””.

- Do not close the front cover of the Saddle Stitch Finisher.

2 Check the following 2 items to perform test stapling.

- Whether the Saddle Stitch Finisher is securely installed in the equipment.
- Whether any LD or LT-R paper is set in the equipment.

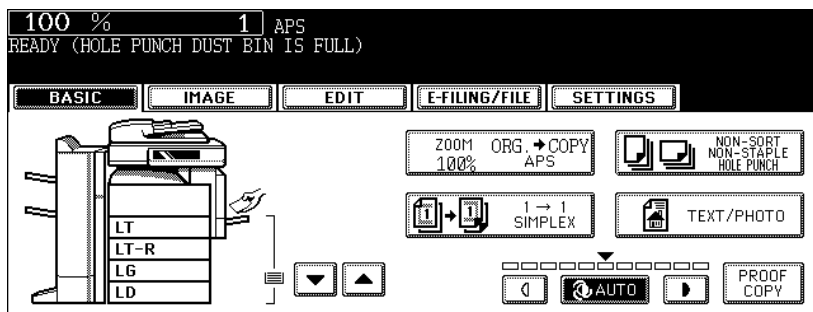
3 Close the front cover of the Saddle Stitch Finisher.

- Test stapling is automatically performed.

Tip

If the front cover of the Saddle Stitch Finisher is closed without satisfying the condition of step 2, test stapling is not performed. Test stapling is necessary to prevent void stapling. After satisfying the condition of step 2 and opening/closing the front cover of the Saddle Stitch Finisher again, be sure to perform the test stapling.

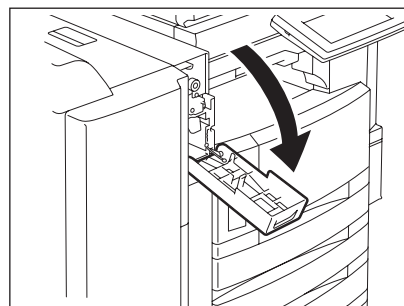
7. “READY (HOLE PUNCH DUST BIN IS FULL)”



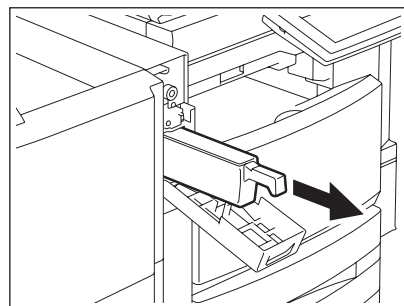
This message appears when the hole punch dustbin in the Hole Punch Unit (optional) becomes full. To dispose of the paper bits, follow the procedure below.

Hole Punch Unit (optional: MJ-6004)

1 Open the cover of the Hole Punch Unit.



2 Pull out the hole punch dustbin.



10

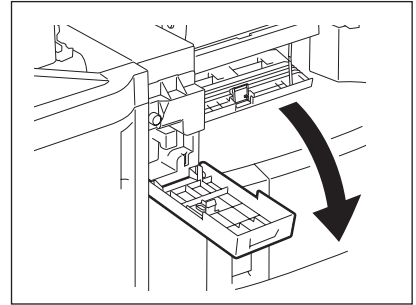
3 Dispose of the punched paper bits.

4 Attach the hole punch dustbin.

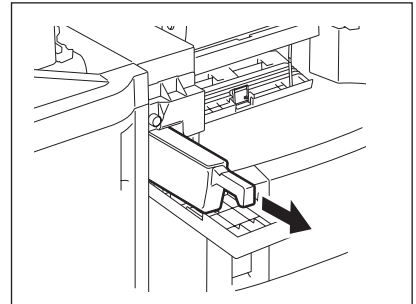
5 Close the cover of the Hole Punch Unit.

Hole Punch Unit (optional: MJ-6101)

1 Open the cover of the Hole Punch Unit.



2 Pull out the hole punch dustbin.



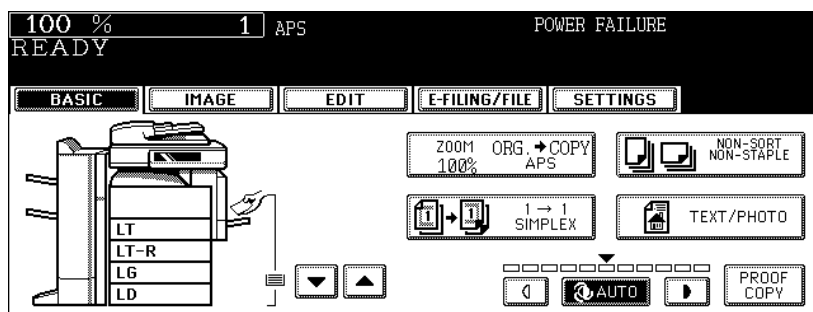
3 Dispose of the punched paper bits.

4 Attach the hole punch dustbin.

5 Close the cover of the Hole Punch Unit.

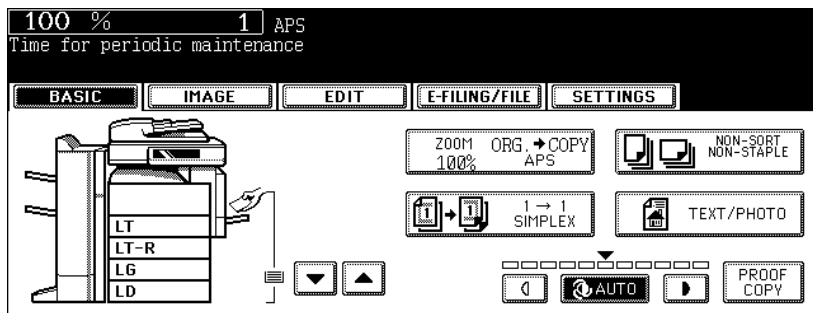
10

8. "POWER FAILURE"



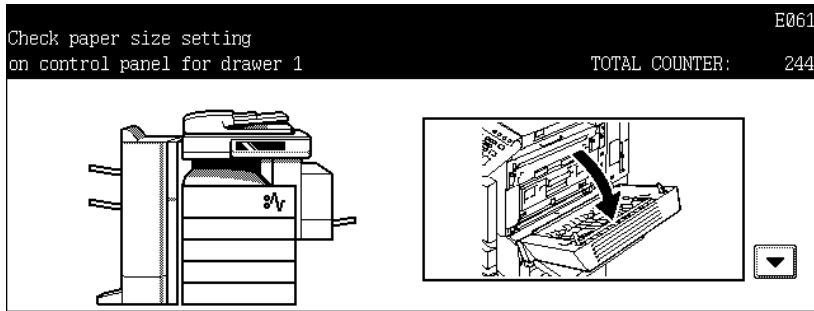
This message appears when a job is interrupted due to a power failure, etc. The print or Fax job in progress at the time of a power failure may not be completed. Confirm the job status by pressing the [JOB STATUS] button. To clear this message, press the [FUNCTION CLEAR] button twice.

9. "Time for periodic maintenance"



This message appears when assistance from a qualified service technician is required. Contact your service representative.

10. “Check paper size setting on control panel for drawer N”



This message appears when the size of the paper actually placed in the drawer or on the bypass tray differs from the one registered in the equipment for the corresponding drawer or the bypass tray. There are 5 messages of this type as shown below.

“Check paper size setting on control panel for drawer 1”

“Check paper size setting on control panel for drawer 2”

“Check paper size setting on control panel for drawer 3”

(Only when the Paper Feed Pedestal (optional) is installed)

“Check paper size setting on control panel for drawer 4”

(Only when the Paper Feed Pedestal and the Additional Drawer Module (optional) are installed)

“Check paper size setting on control panel for Bypass”

In case that a paper misfeed occurs and one of the above messages consequently appears, another paper misfeed will occur if you just remove the jammed paper. Instead, be sure to follow the procedure below.

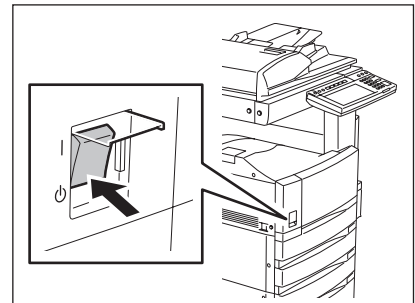
- Make a note of the position of the jammed paper and the number of the drawer displayed in the message in advance because guidance for removing the jammed paper is not displayed while you are working on the procedure.

This countermeasure differs depending on when the paper misfeeding has occurred – during copying or during printing from the Fax or the Printer.

During copying (using a drawer)

1 Turn the power of the equipment OFF.

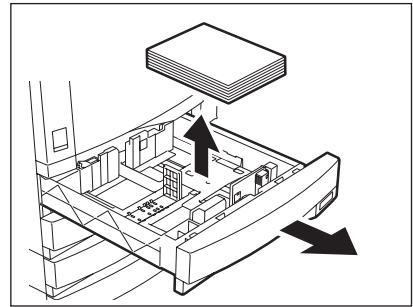
- You cannot shut down the equipment.



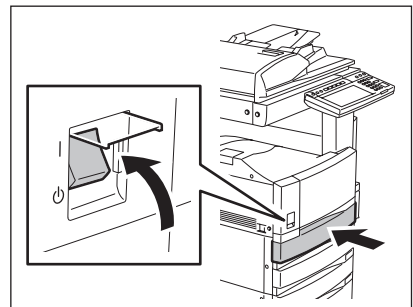
2 Remove the jammed paper.

📖 P.281 “5.Jam Symbols”

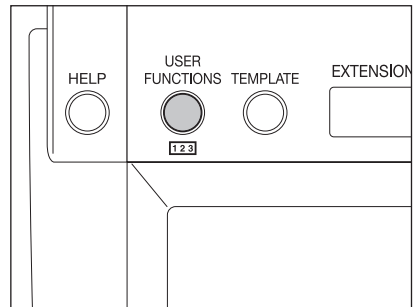
- 3** Pull out the drawer mentioned in the message. Then remove all the paper in it.



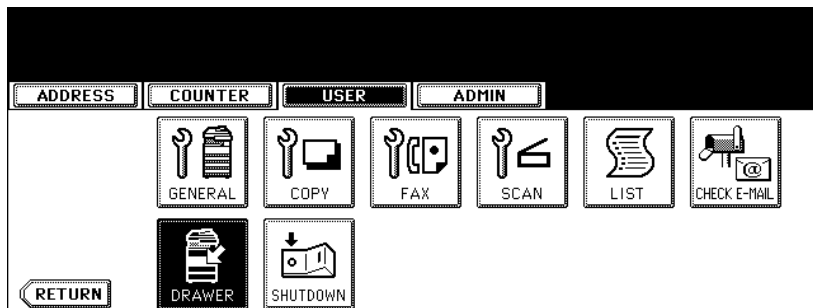
- 4** Close the drawer and then turn the power ON.



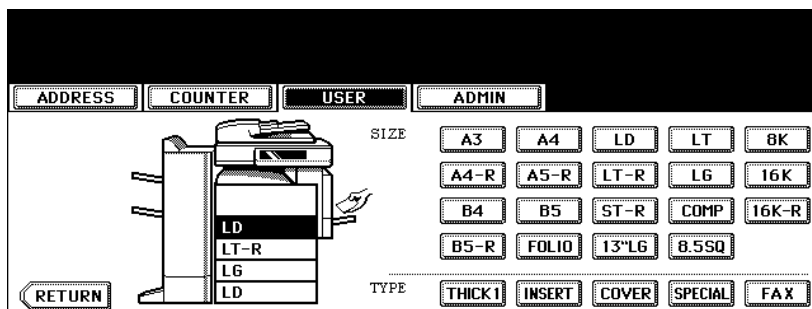
- 5** Press the [USER FUNCTIONS] button on the control panel.



- 6** Press the [USER] button on the touch panel to display the USER menu, and then press the [DRAWER] button.

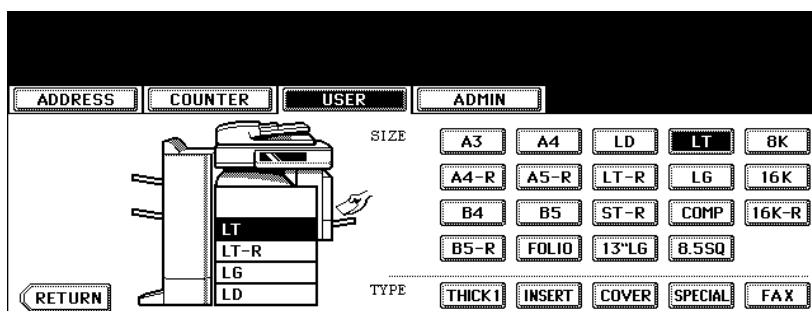


- 7** Press the drawer button corresponding to the one mentioned in the message on the touch panel.



- 8** Press the paper size button corresponding to the one placed in the drawer.

P.47 "4.Setting Copy Paper"



- 9** Place the paper removed in step 3 in the drawer.

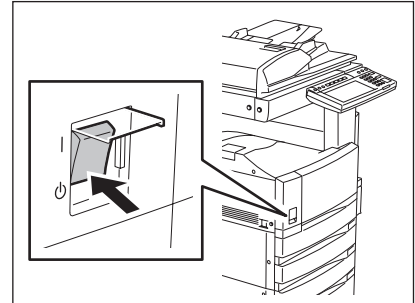
- 10** Press the [USER FUNCTIONS] button to return to the basic menu.
Set the original and start the copying again.

When "POWER FAILURE" appears, press the [FUNCTION CLEAR] button twice to clear the message. See P.325 "8."POWER FAILURE"" for details.

During copying (using the bypass tray)

1 Turn the power of the equipment OFF.

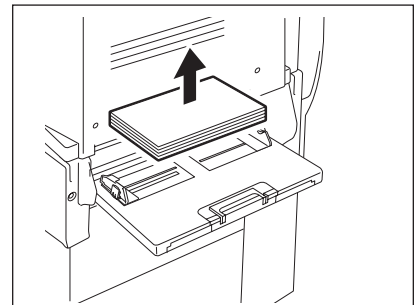
- You cannot shut down the equipment.



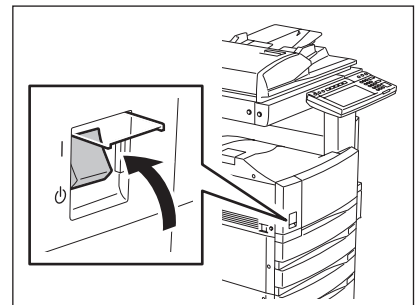
2 Remove the jammed paper.

- 📖 P.281 "5.Jam Symbols"

3 Remove all the paper from the bypass tray.



4 Turn the power ON.



5 Place paper on the bypass tray and select the paper size.

- 📖 P.75 "3.Bypass Copying"

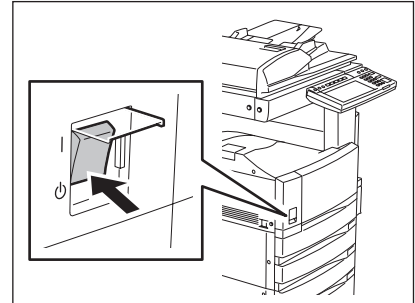
6 Place the original and try to copy again.

- When "POWER FAILURE" appears, press the [FUNCTION CLEAR] button twice to clear the message. See 📖 P.325 "8."POWER FAILURE"" for details.

During printing from the FAX or Printer (using a drawer)

1 Turn the power of the equipment OFF.

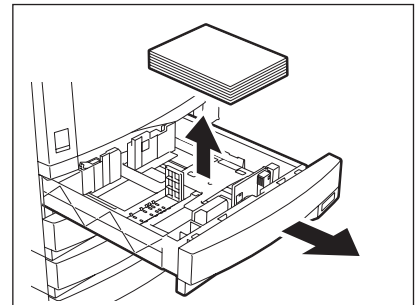
- You cannot shut down the equipment.



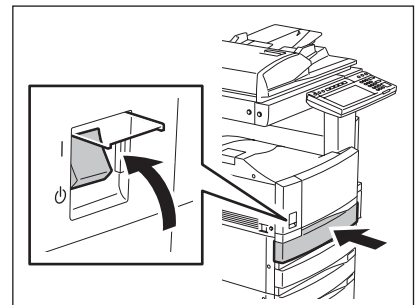
2 Remove the jammed paper.

- 📖 P.281 "5.Jam Symbols"

3 Pull out the drawer mentioned in the message. Then remove all the paper in it.

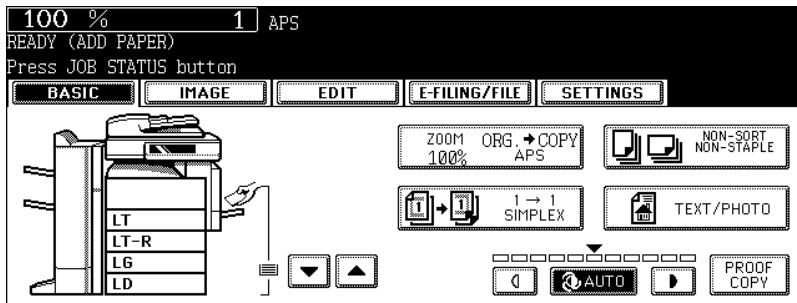


4 Close the drawer and then turn the power ON.



10

- 5 See the size indication on the touch panel to check the paper size registered for the drawer mentioned in the message.



- 6 Place the paper, whose size is same as the one you have checked at step 5, in the drawer mentioned in the message.

📖 P.47 "4.Setting Copy Paper"

- 7 The job is resumed.

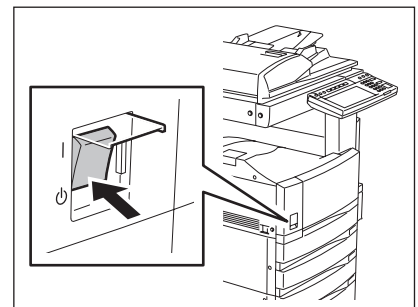
- If you change the paper size again after the completion of the job, check that the paper size placed in the drawer is the same as the one registered in the equipment for the corresponding drawer.

During printing from the Printer (using the bypass tray)

- Paper will not be fed out of the bypass tray during a FAX reception.

- 1 Turn the power of the equipment OFF.

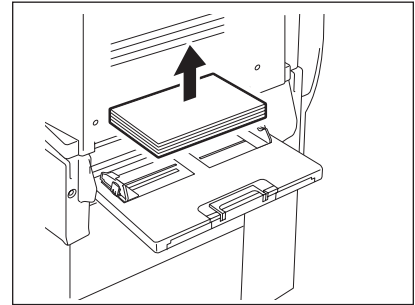
- You cannot shut down the equipment.



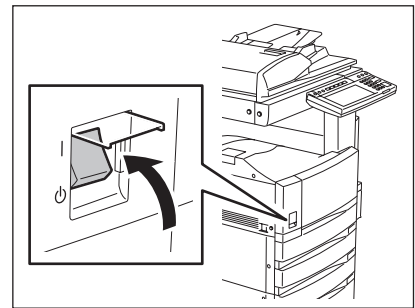
- 2 Remove the jammed paper.

📖 P.281 "5.Jam Symbols"

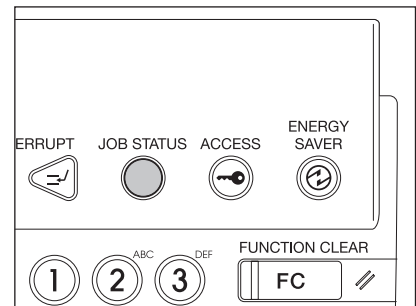
- 3** Remove all the paper from the bypass tray.



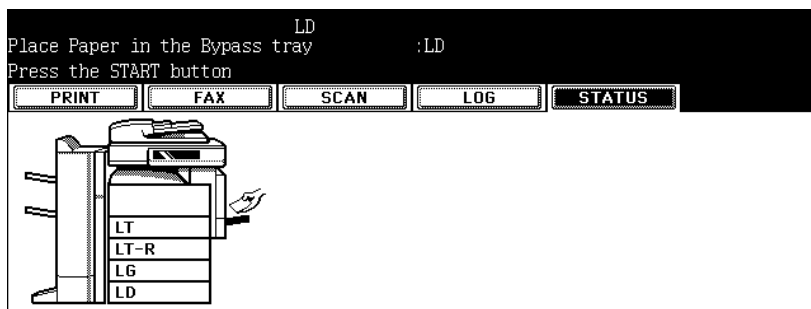
- 4** Turn the power ON.



- 5** Press the [JOB STATUS] button on the control panel.



- 6** Place the paper of the size corresponding to the one shown next to the message "Place Paper in the Bypass tray:" on the bypass tray.



- 7** Press the [START] button.

11. “Reboot the machine”

Reboot the machine	CBF0
TOTAL COUNTER:	244

This message appears when the equipment cannot be operated normally because an error occurs but it may be released by rebooting the equipment. Since the equipment cannot be shut down with the control panel, reboot it with the power switch.

11. MAINTENANCE

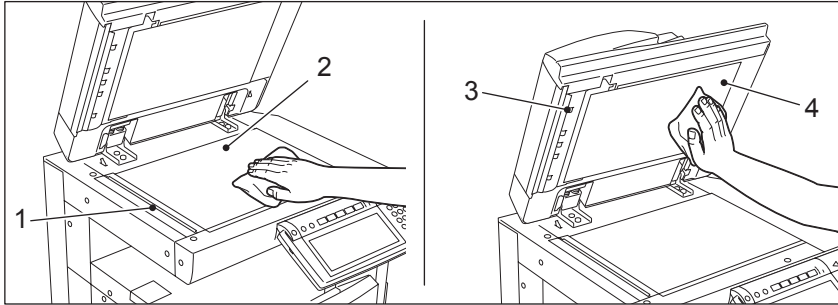
1. Daily Inspection.....	336
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1. Daily Inspection

Weekly cleaning

We recommend you to clean the following items weekly, so that the originals can be scanned in unsoiled conditions.

Be careful not to scratch the parts that you are cleaning.



1. Scanning area

Clean the surface with a dry soft cloth or a cloth lightly moistened with water.
Do not use solvents such as alcohol.

2. Original glass

3. Guide

4. Platen sheet

Clean the surface as follows depending on the staining.

- Clean it with a soft cloth.
- Clean it with a soft cloth lightly moistened with water.
- Clean it with a soft cloth lightly moistened with alcohol, and then wipe it with a dry cloth.
- Clean it with a soft cloth lightly moistened with watered-down neutral detergent, and then wipe it with a dry cloth.

Caution

- Do not use solvents such as thinner or benzine when cleaning the surface of the equipment. This could warp the shape of the surface or leave it discolored.
- When using a chemical cleaning pad to clean it, follow the instructions.

Cleaning the charger

If the inside of the charger wire become dirty, the dirt may appear on the copy.

Caution

Before start cleaning, BE SURE TO TURN OFF THE POWER, then open the front cover.

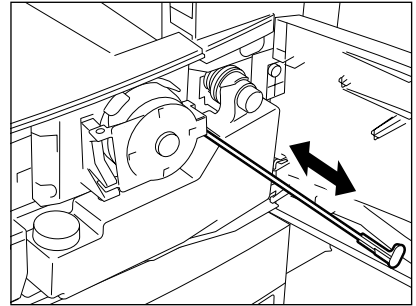
1 Open the front cover.

2 Clean the charger.

- Hold the cleaning knob, pull it out slowly and fully to the front and then push it back to the inside carefully and completely. Repeat this 2 or 3 times.

Note

Make sure that the charger knob is pushed in fully inside.




3 Close the front cover.





2. Simple Troubleshooting

Check the following items and, if the problem still occurs, call your service representative for assistance.





Equipment does not start

Item to be checked	Countermeasure	Reference page
Is the power cord plug securely inserted in the outlet?	Insert the power cord plug until it comes to a stop.	-
Is the front cover firmly closed?	Close the cover properly.	 P.24 "1.Description of Each Component"

Paper jamming occurs frequently

Item to be checked	Countermeasure	Reference page
Does the message: "Check paper size setting on control panel for drawer N (Bypass)" appear?	Match the size of the paper placed in the drawer or on the bypass tray and the one registered to the equipment.	 P.327 "10."Check paper size setting on control panel for drawer N""
Does the paper placed exceed the line indicated inside of the side guide?	Remove some of the sheets of paper and place them with the paper height not exceeding the line indicated.	 P.50 "Placing paper in the drawer"
Is the space between the side guide of the drawer or the bypass tray and the paper too narrow/wide?	Keep an appropriate space between the side guide and paper, and then place paper straight along the side guide.	 P.50 "Placing paper in the drawer"
Has all of the jammed paper removed?	Since the jammed paper may not be easily found, follow the guidance shown on the touch panel.	 P.281 "5.Jam Symbols"

Display does not change when buttons or icons are pressed

Item to be checked	Countermeasure	Reference page
Is the equipment in the energy saving mode (Automatic energy saving mode)?	Press the [ENERGY SAVER] or [START] button on the control panel to clear the mode. (It takes a while for the equipment to become ready.)	 P.45 "3.Energy Saving Mode"
Is the power OFF because the weekly timer functions?	Press the [START] button to return the power ON.	See the [User Function Guide]
When the use of the equipment is managed under department management, is the correct code entered?	Key in the correct department code.	 P.37 "When department or user management is used"
When the use of the equipment is managed under user management, is the correct information entered?	Enter the user information correctly.	 P.37 "When department or user management is used"
Is the "Warming up" message displayed?	Wait until the equipment becomes ready.	 P.36 "Turning power on"

Functions cannot be set


Item to be checked	Countermeasure	Reference page
Are there functions that cannot be combined set together?	See the copying function combination and image quality adjustment combination matrices, and then set them again.	 P.355 "4.Copying Function Combination Matrix"

Image density is too low




Item to be checked	Countermeasure	Reference page
Is the message to replace the toner cartridge displayed on the touch panel?	Replace the toner cartridge.	 P.274 "3.Replace Toner Cartridge Symbol"
Is the level of the image density set suitably?	Use the manual density buttons or the background adjustment function to adjust the image density properly.	 P.124 "6.Copy Density Adjustment",  P.128 "1.Background Adjustment"

Image density is too high

Item to be checked	Countermeasure	Reference page
Is the level of the image density set suitably?	Use the manual density buttons or the background adjustment function to adjust the image density properly.	📖 P.124 “6.Copy Density Adjustment”, 📖 P.128 “1.Background Adjustment”

Images are stained

Item to be checked	Countermeasure	Reference page
Is the Reversing Automatic Document Feeder (optional) securely closed?	Close the cover or feeder properly to shut out any outer light.	📖 P.60 “1.Setting Originals”
Are the platen sheet, Original Cover and scanning area dirty?	Clean them up.	📖 P.336 “1.Daily Inspection”
Is the image density set properly?	Adjust the image density properly with the [AUTO] button or manual density buttons.	📖 P.124 “6.Copy Density Adjustment”
Are 2-sided originals used?	As the other side of the originals can be seen, adjust the image density properly (lighter) with the background adjustment function.	📖 P.128 “1.Background Adjustment”
Are originals with high transparency used?	Place a blank sheet of paper with originals of the same size or larger over the original.	📖 P.62 “Sheet originals”

11

Images are blurred

Item to be checked	Countermeasure	Reference page
Does the entire original lie properly on the surface of the glass?	Place the original on the glass, and then close the Reversing Automatic Document Feeder (optional) firmly.	-
Is the paper moist?	Replace it with new paper.	-

Copy images are partially missing

Item to be checked	Countermeasure	Reference page
Are the original size, direction and the reproduction ratio suitable for the paper size?	Select copy paper of the same size as the original, or set the reproduction ratio suitable for the paper size.	📖 P.88 "Automatic Paper Selection (APS)", 📖 P.93 "2.Enlargement and Reduction Copying"
Is the margin on the copy set properly?	Adjust the image shift value.	📖 P.132 "1.IMAGE SHIFT"

12. SPECIFICATIONS & OPTIONS

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1. Specifications

Model Name		DP-3540/4540
Type		Desktop type
Original Glass		Fixed
Printing (Copying) System		Indirect electrophotographic method
Developing System		2-component magnetic brush developing
Fixing Method		Induction heating
Photosensor Type		OPC
Original Scanning System		Flat surface scanning system (When the reversing automatic document feeder is installed: Fixed scanning system by feeding the original)
Original Scanning Sensor		Linear CCD sensor
Scanning Light Source		Xenon lamp
Resolution	Scanning	600 dpi x 600 dpi
	Writing	2,400 dpi x 600 dpi (Smoothing process)
Acceptable Originals		Sheets, books and 3-dimensional objects
Acceptable Original Size		Max. LD
Acceptable Copy Paper Size	Drawer	LD, LG, LT, LT-R, ST-R, COMP, 13" LG, 8.5" SQ, A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO
	Bypass	Paper size within 3.9"-11.7" (Length), 5.8"-17" (Width)
Acceptable Copy Paper Weight	Drawer	17 lb.-28 lb. Bond
	Bypass	17 lb.-55 lb. Bond (for continuous feed) 13 lb.-55 lb. Bond or 13 lb. Bond-110 lb. Index (for single feed)
Warm-up Time		Approx. 20 seconds*
First Copy Time		Approx. 3.9 seconds*
Continuous Copy Speed		See "Continuous Copying Speed".
Multiple Copying		Up to 999 copies (digital key entry)
Excluded Image Width	Copy	Leading edge: 0.12"±0.08", Trailing edge: 0.08"±0.08", Both edge: 0.08"±0.08"
	Printer	Leading edge: 0.20"±0.08", Trailing edge: 0.20"±0.08", Both edge: 0.20"±0.08"
Reproduction Ratio		Actual size: 100±0.5%
		Zoom: 25-400% (in 1% increments)
		For the reversing document feeder 25-200% (in 1% increments)
Paper Supply	Drawer	Approx. 550 sheets (20 lb. Bond)
	Bypass	Approx. 100 sheets (20 lb. Bond)
Toner Density Adjustment		Magnetic auto-toner system
Exposure Control		Automatic plus manual selection from 11 exposure step
Environment (for normal use)		Temperature: 10 ° - 30 °C (50 ° - 86 °F), Humidity: 20 - 80% (No Condensation)
Power Requirements		AC 115 V±10%, 12 A (50/60 Hz)
Power Consumption		1.5 kW or less (including optional equipments)
Dimensions (equipment only)		25.98" (W) x 29.84" (D) x 29.09" (H)

Weight	Approx. 183.0 lb. (equipment including developer and drum)
Space Occupied (equipment only)	40.47" (W) x 33.82" (D)
Storage Capacity	Max. 1000 sheets or until the memory is full (Toshiba's own chart)

* This specification varies depending on the copying conditions and the environment.
Specifications and appearance are subject to change without notice in the interest of product improvement.

Continuous copying speed

Unit: sheets/min.

Paper type	Paper size	Feeder	e-STUDIO352/353	e-STUDIO452/453
Plain paper	LT, A4, B5	Drawer	35	45
		Bypass	35	40
	LT-R, ST-R, A4-R, A5-R, B5-R	Drawer	25	28
		Bypass	25	28
	LG, COMP, B4, FOLIO	Drawer	21	24
		Bypass	21	24
	LD, A3	Drawer	18	21
		Bypass	18	21
Thick 1	LT, A4, B5	Drawer	30	30
		Bypass	30	30
	LT-R, ST-R, A4-R, A5-R, B5-R	Drawer	23	23
		Bypass	23	23
	LG, COMP, B4, FOLIO	Drawer	19	19
		Bypass	19	19
	LD, A3	Drawer	16	16
		Bypass	16	16
Thick 2	LT, A4, B5	Bypass	25	25
	LT-R, ST-R, A4-R, A5-R, B5-R	Bypass	18	18
	LG, COMP, B4, FOLIO	Bypass	15	15
	LD, A3	Bypass	13	13
Thick 3	LT, A4, B5	Bypass	20	20
	LT-R, ST-R, A4-R, A5-R, B5-R	Bypass	14	14
	LG, COMP, B4, FOLIO	Bypass	11	11
	LD, A3	Bypass	10	10

- The bypass copying speed is as listed above when specifying the paper size.
- The values above are measured when originals are set on the original glass, 1-sided, 100% and non-sort multiple copies are made.
- This specification varies depending on the copying conditions and the environment.
- Toshiba-recommended paper is used for the values of this specification above.

2. Specifications of Options

Reversing Automatic Document Feeder

Model name	MR-3018
Copy sides	1-side, Duplex
Number of originals (LT)	100 originals (9.3 - 20 lb. Bond) or 0.63" or less in height (more than 20 lb. Bond)
Feeding speed	4.13 - 16.54"
Acceptable originals	LD, LG, LT, LT-R, ST-R, COMP, A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO (ST and A5 size are not acceptable.)
Paper weight	1-sided original: 9.3 - 41.8 lb., 2-sided original: 13.3 - 41.8 lb.
Power source	Power supplied from the equipment
Dimensions	23.6" (W) x 20.6" (D) x 5.3" (H)
Weight	Approx. 27.6 lb.
Power consumption	49.5 W max.

Large Capacity Feeder

Model name	KD-1012
Acceptable paper size	LT
Paper weight	17 - 28 lb. Bond
Maximum capacity	2500 sheets (22 lb. Bond) (Height: approx. 5.4" x 2)
Power source	5 V, 24 V (supplied from the copier)
Dimensions	24.5" (W) x 25.9" (D) x 12.1" (H) (incl. Stabilizer)
Weight	Approx. 59.5 lb.

Paper Feed Pedestal (1 drawer type)

Model name	KD-1011
Acceptable paper size	LD, LG, LT, LT-R, ST-R, COMP, A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO (ST, A5 and non-standard size are not acceptable.)
Paper weight	17 - 28 lb. Bond
Maximum capacity	550 sheets (20 lb. Bond)
Dimensions	24.5" (W) x 26.6" (D) x 12.6" (H)
Weight	Approx. 47.4 lb.

Additional Drawer Module

Model name	MY-1021
Acceptable paper size	LD, LG, LT, LT-R, ST-R, COMP, A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO (ST, A5 and non-standard size are not acceptable.)
Paper weight	17 - 28 lb. Bond
Maximum capacity	550 sheets (20 lb. Bond)
Weight	Approx. 8.38 lb.


Saddle Stitch Finisher (MJ-1024)

Model name	MJ-1024			
Type	Floor type (Console type)			
Acceptable paper size	LD, LG, LT, LT-R, ST-R, COMP, A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO			
Acceptable paper weight	17 lb. Bond - 110 lb. Index			
Number of copies stapled at a time (Including 2 covers (17 lb. Bond - 110 lb. Index))	Paper size	20 lb. Bond	24 lb. Bond	28 lb. Bond
	LT, ST-R, A4, A5-R, B5	50 sheets	30 sheets	30 sheets
	LD, LG, LT-R, COMP, A3, A4-R, B4, B5-R, FOLIO	30 sheets	15 sheets	15 sheets
Stapling position	Front, Rear, Double			
Stitching capacity (Including 2 covers (17 lb. Bond - 110 lb. Index))	Paper size	20 lb. Bond	24 lb. Bond	28 lb. Bond
	LD, LT-R, A3, A4-R, B4	15 sheets	10 sheets	10 sheets
Power source	Supplied from the equipment			
Dimensions	25.55" (30") (W) x 25.87" (D) x 42.76" (H)			
Weight	Approx. 154.3 lb.			
Power consumption	170 W max.			

**Tray loading capacity of Saddle Stitch Finisher (MJ-1024)
(MJ-1024 with mixed paper not loaded)**

Unit: inch (with allowable error of $\pm 0.276''$)
Values in parentheses: Number of sheets (20 lb. Bond)

Mode Tray No.	Non-Sort		Sort/Group		Stapled	
	1	2	1	2	1	2
LT, ST-R, A4, A5-R, B5	5.78" (1000)		5.78" (1000)		Whichever of 5.78", 1000 sheets or 30 sets is reached first	Whichever of 5.78", 1000 sheets or 30 sets is reached first
LD, LG, LT-R, COMP, A3, A4-R, B4, B5-R, FOLIO	2.89" (500)		2.89" (500)		Whichever of 2.89", 500 sheets or 30 sets is reached first	Whichever of 2.89", 500 sheets or 30 sets is reached first

- Sort/Group/Staple is not available with ST-R, A5-R, B5-R.
- See  P.110 "Available conditions for saddle stitching" for tray loading capacity of saddle stitch tray.

(MJ-1024 with mixed paper loaded)

Unit: inch (with allowable error of $\pm 0.276''$)
Values in parentheses: Number of sheets (20 lb. Bond)

Mode Tray No.	Non-Sort		Sort/Group		Stapled	
	1	2	1	2	1	2
LD and LT	2.89" (500)		2.89" (500)		Whichever of 2.89", 500 sheets or 30 sets is reached first	Whichever of 2.89", 500 sheets or 30 sets is reached first
LG and LT-R						
FOLIO and A4-R						
A3 and A4						
B4 and B5						

Finisher (Type A) (MJ-1023)

Model name	MJ-1023			
Type	Floor type (Console type)			
Acceptable paper size	LD, LG, LT, LT-R, ST-R, COMP, A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO			
Acceptable paper weight	17 lb. Bond - 110 lb. Index			
Number of copies stapled at a time (Including 2 covers (17 lb. Bond - 110 lb. Index))	Paper size	20 lb. Bond	24 lb. Bond	28 lb. Bond
	LT, ST-R, A4, A5-R, B5	50 sheets	30 sheets	30 sheets
	LD, LG, LT-R, COMP, A3, A4-R, B4, B5-R, FOLIO	30 sheets	15 sheets	15 sheets
Stapling position	Front, Rear, Double			
Power source	Supplied from the equipment			
Dimensions	21.1" (25.5") (W) x 25.87" (D) x 42.76" (H)			
Weight	Approx. 86 lb.			
Power consumption	70 W max.			

Tray loading capacity of Finisher (Type A) (MJ-1023) (MJ-1023 with mixed paper not loaded)

Unit: inch (with allowable error of $\pm 0.276''$)
Values in parentheses: Number of sheets (20 lb. Bond)

Mode Tray No.	Non-Sort		Sort/Group		Stapled	
	1	2	1	2	1	2
LT, ST-R, A4, A5-R, B5	5.78" (1000)		5.78" (1000)		Whichever of 5.78", 1000 sheets or 30 sets is reached first	Whichever of 5.78", 1000 sheets or 30 sets is reached first
LD, LG, LT-R, COMP, A3, A4-R, B4, B5-R, FOLIO	2.89" (500)		2.89" (500)		Whichever of 2.89", 500 sheets or 30 sets is reached first	Whichever of 2.89", 500 sheets or 30 sets is reached first

- Sort/Group/Staple is not available with ST-R, A5-R, B5-R.

(MJ-1023 with mixed paper loaded)

Unit: inch (with allowable error of $\pm 0.276''$)
Values in parentheses: Number of sheets (20 lb. Bond)

Mode Tray No.	Non-Sort		Sort/Group		Stapled	
	1	2	1	2	1	2
LD and LT	2.89" (500)		2.89" (500)		Whichever of 2.89", 500 sheets or 30 sets is reached first	Whichever of 2.89", 500 sheets or 30 sets is reached first
LG and LT-R						
FOLIO and A4-R						
A3 and A4						
B4 and B5						

Hanging Finisher (MJ-1022)

Model name	MJ-1022	
Type	Hanging-type	
Acceptable paper size	LD, LG, LT, LT-R, ST-R, COMP, A3, A4, A4-R, B4, B5, A5-R, FOLIO	
Acceptable paper weight	17 lb. Bond - 110 lb. Index	
Number of copies stapled at a time (Acceptable weight for staple: 17 - 20 lb. Bond)	LT, LT-R, A4, A4-R, B5	30 sheets
	LG, B4	20 sheets
	LD, COMP, A3, FOLIO	15 sheets
Stapling position	Rear	
Power source	Supplied from the copier	
Dimensions	17.76" (W) x 21.22" (D) x 23.23" (H)	
Weight	Approx. 37.5 lb.	
Power consumption	40 W max.	

**Tray loading capacity of Hanging Finisher (MJ-1022)
(MJ-1022 with mixed paper not loaded)**

Unit: inch (with allowable error of $\pm 0.276''$)
Values in parentheses: Number of sheets (20 lb. Bond)

Mode Tray No.	Non-Sort		Sort/Group		Stapled	
	1	2	1	2	1	2
ST-R, A5-R, B5-R	1.18" (200)	3.89" (700)	-	-	-	-
LT, LT-R, A4, A4-R, B5	1.18" (200)	3.89" (700)	1.18" (200)	3.89" (700)	Whichever of 170 sheets or 30 sets is reached first	Whichever of 600 sheets or 50 sets is reached first
LG, B4	0.78" (140)	2.75" (490)	0.78" (140)	2.75" (490)	Whichever of 110 sheets or 30 sets is reached first	Whichever of 400 sheets or 50 sets is reached first
LD, COMP, A3, FOLIO	0.59" (100)	1.92" (350)	0.59" (100)	1.92" (350)	Whichever of 80 sheets or 30 sets is reached first	Whichever of 300 sheets or 50 sets is reached first

(MJ-1022 with mixed paper loaded)

Unit: inch (with allowable error of $\pm 0.276''$)
Values in parentheses: Number of sheets (20 lb. Bond)

Mode Tray No.	Non-Sort		Sort/Group		Stapled	
	1	2	1	2	1	2
Combination of dif- ferent width paper	0.59" (100)	1.92" (350)	-	-	-	-
LD and LT	0.59" (100)	1.92" (350)	0.59" (100)	1.92" (350)	Whichever of 100 sheets or 15 sets is reached first	Whichever of 350 sheets or 15 sets is reached first
LG and LT-R	0.59" (100)	1.92" (350)	0.59" (100)	1.92" (350)	Whichever of 100 sheets or 15 sets is reached first	Whichever of 350 sheets or 15 sets is reached first
A3 and A4	0.59" (100)	1.92" (350)	0.59" (100)	1.92" (350)	Whichever of 100 sheets or 15 sets is reached first	Whichever of 350 sheets or 15 sets is reached first
B4 and B5	0.59" (100)	1.92" (350)	0.59" (100)	1.92" (350)	Whichever of 100 sheets or 15 sets is reached first	Whichever of 350 sheets or 15 sets is reached first

Finisher (Type B) (MJ-1101)

Model name	MJ-1101			
Type	Floor type (Console type)			
Acceptable paper size	LD, LG, LT, LT-R, ST-R, COMP, A3, A4, A4-R, A5-R, B4, B5, B5-R, FOLIO			
Acceptable paper weight	17 lb. Bond - 110 lb. Index			
Number of copies stapled at a time (Including 2 covers (17 lb. Bond to 110 lb. Index))	Paper size	17-20 lb. Bond	21-24 lb. Bond	25-28 lb. Bond
	LT, A4, B5, 8.5"SQ, 16K	50 sheets	30 sheets	30 sheets
	LD, LG, LT-R, COMP, 13LG, 8K, A3, A4-R, B4, FOLIO	30 sheets	15 sheets	15 sheets
Stapling position	Front, Rear			
Power source	Supplied from the equipment			
Dimensions	21.4" (W) x 23.92" (D) x 43.68" (H)			
Weight	Approx. 74.8 lb.			
Power consumption	70 W max.			

Finisher (Type B) (MJ-1101)

Unit: inch (with allowable error of $\pm 0.276''$)
 Values in parentheses: Number of sheets (20 lb. Bond)

Upper Tray

MJ-1101 with mixed paper not loaded	
Mode	Non-Sort
LT, ST-R, A4, B5, A5-R, 8.5"SQ, 16K	1.45" (250)
LD, LG, LT-R, COMP, A3, A4-R, B4, B5-R, FOLIO, 13LG, 8K, 16K-R	0.72" (125)

Lower Tray

MJ-1101 with mixed paper not loaded			
Mode	Non-Sort	Sort/Group	Stapled
LT, A4, B5	11.76" (2000)	11.76" (2000)	Whichever of 11.76", 2000 sheets or 30 sets is reached first
LD, LG, LT-R, COMP, A3, A4-R, B4, FOLIO	5.88" (1000)	5.88" (1000)	Whichever of 5.88", 1000 sheets or 30 sets is reached first

Job Separator

Model name	MJ-5004		
Acceptable paper size	LD, LG, LT, LT-R, ST-R, COMP, 13" LG, 8.5" SQ		
Acceptable paper weight	Upper stacker: 17 lb. to 28 lb. Lower stacker: 13 lb. to 55 lb. (110 lb. Index type)		
Loading Capacity	Upper stacker: 0.98" (150 sheets) Lower stacker: 1.57" (250 sheets)		*1
Power source	Supplied from the multifunctional digital systems		
Dimensions	19.6" (W) x 16.3" (D) x 6.0" (H)		
Weight	Approx. 7.3 lb.		

*1. Values in parentheses is the number of 20 lb. Bond sheets.

Offset Tray

Model name	MJ-5005
Acceptable paper size	LD, LG, LT, LT-R, ST, ST-R
Acceptable paper weight	13 lb. to 55 lb. (110 lb. Index type)
Loading Capacity	1.54" (250 sheets) *1
Shift Amount	Approx. 1.2"
Power source	Supplied from the multifunctional digital systems
Dimensions	19.7" (W) x 16.3" (D) x 6.7" (H)
Weight	Approx. 7.7 lb.

*1. Values in parentheses is the number of 20 lb. Bond sheets.

Hole Punch Unit (MJ-6004)

Model name	MJ-6004
Acceptable paper size	LD, LG, LT, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO
Acceptable paper weight	17 lb. Bond - 110 lb. Index (OHP film and specially treated paper are not available.)
Dimensions	4.4" (W) x 24.3" (D) x 14.9" (H) (excl. Lower cover)
Weight	Approx. 19.8 lb.

	Number of punching holes and hole diameter	Available paper size
Japan and most of Europe (MJ-6004E)	2 holes (0.26" dia.)	LD, LG, LT, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO
North America (MJ-6004N)	2/3 holes switchable (0.32" dia.)	2 holes: LG, LT-R, A4-R 3 holes: LD, LT, A3, A4
France (MJ-6004F)	4 holes (0.26" dia.; 3.15" pitch)	LD, LT, A3, A4
Sweden (MJ-6004S)	4 holes (0.26" dia.; 2.76" and 0.83" pitch)	LD, LG, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO

Hole Punch Unit (MJ-6101)

Model name	MJ-6101
Acceptable paper size	LD, LG, LT, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO
Acceptable paper weight	17 lb. Bond – 110 lb. Index (OHP film and specially treated paper are not available.)
Dimensions	4.48" (W) x 22.92" (D) x 12.92" (H) (excl. Lower cover)
Weight	Approx. 15.4 lb.

	Number of punching holes and hole diameter	Available paper size
Japan and most of Europe (MJ-6101E)	2 holes (0.26" dia.)	LD, LG, LT, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO
North America (MJ-6101N)	2/3 holes switchable (0.32" dia.)	2 holes: LG, LT-R, A4-R 3 holes: LD, LT, A3, A4
France (MJ-6101F)	4 holes (0.26" dia.; 3.15" pitch)	LD, LT, A3, A4
Sweden (MJ-6101S)	4 holes (0.26" dia.; 2.76" and 0.83" pitch)	LD, LG, LT-R, COMP, A3, A4, A4-R, B4, B5, B5-R, FOLIO

Bridge Unit

Model name	KN-3520
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- Toshiba-recommended paper is used for the values above. Specifications and appearance are subject to change without notice in the interest of product improvement.

3. Packing List

Packing list	Operator's Manual
	Operator's Manual pocket
	Setup report
	Warranty sheet
	CD-ROM (2 pcs.)
	Stopper (for control panel)
	Toner bag

4. Copying Function Combination Matrix

Combination Matrix 1/2

Next setting	1 to 1 Simplex	1 to 2 Duplex	2 to 1 Split	2 to 2 Duplex	Book to 2	Non-sort/ Non-staple	Sort	Group	Staple sort	Magazine sort	Magazine sort & Saddle stitch	Hole punch	Saddle stitch	Rotate sort	Rotate copier (A4, B5, A5, LT)	Mixed original sizes	ADF	SADF
Already setting																		
1 to 1 Simplex		*1	*1	*1	*1	YES	YES	YES	YES	*1	*1	YES	*1	YES	--	YES	YES	YES
1 to 2 Duplex	*1		*1	*1	*1	YES	YES	YES	YES	YES	YES	YES	*1	YES	--	(YES)	YES	YES
2 to 1 Split	*1	*1		*1	*1	YES	YES	YES	YES	NO	NO	YES	*1	YES	--	YES	YES	YES
2 to 2 Duplex	*1	*1	*1		*1	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	YES	YES	YES
Book to 2	*1	*1	*1	*1		YES	YES	YES	YES	NO	NO	YES	*1	NO	--	NO	YES	--
Non-sort/Non-staple	YES	YES	YES	YES	YES					*1	*1	YES	*1	*1	--	YES	YES	YES
Sort	YES	YES	YES	YES	YES	*1	*1	*1	*1	*1	*1	YES	*1	*1	--	YES	YES	YES
Group	YES	YES	YES	YES	YES	*1	*1	*1	*1	*1	*1	YES	*1	*1	--	(YES)	YES	YES
Staple sort	YES	YES	YES	YES	YES	*1	*1	*1	*1	*1	*1	YES	*1	*1	--	(YES)	YES	YES
Magazine sort	NO	YES	NO	YES	NO	*1	*1	*1	*1	*1		NO	*1	*1	--	NO	YES	YES
Magazine sort & Saddle stitch	NO	YES	NO	YES	NO	NO	*1	*1	*1	*1		NO	*1	*1	--	NO	YES	YES
Hole punch	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO		NO	NO	--	(YES)	YES	YES
Saddle stitch	NO	NO	NO	YES	NO	*1	*1	*1	*1	*1		NO	NO	*1	--	NO	YES	YES
Rotate sort	YES	YES	YES	YES	NO	*1	*1	*1	*1	*1		NO	*1	*1	--	YES	YES	YES
Rotate copier (A4, B5, A5, LT)	--	--	--	--	--	--	--	--	--	YES	YES	YES	YES	YES	--	YES	YES	YES
Mixed original sizes	YES	(YES)	YES	YES	NO	YES	YES	YES	(YES)	NO	NO	(YES)	NO	NO	--	YES	YES	YES
ADF	YES	YES	YES	YES	--	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	YES	YES	YES
SADF	YES	YES	YES	YES	--	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	YES	YES	*1
Image direction	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	YES	YES	YES
Book - Tablet	*1	*1	*1	YES	NO	YES	YES	YES	YES	NO	NO	YES	NO	YES	--	YES	YES	YES
Edge erase	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	YES	YES	YES
Image shift	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	NO	YES	YES
2IN1/4IN1	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	YES	NO	YES	--	NO	YES	YES
Book center erase	YES	YES	NO	NO	NO	YES	YES	YES	YES	NO	NO	NO	NO	YES	--	NO	YES	--
XY zoom	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO	NO	YES	NO	NO	--	NO	YES	YES
Dual page	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO	NO	YES	NO	NO	--	NO	YES	--
Mirror	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO	NO	YES	NO	YES	--	NO	YES	--
Trim/Mask	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO	NO	YES	NO	YES	--	NO	YES	YES
Top blank	YES	YES	YES	YES	NO	NO	YES	NO	YES	YES	YES	YES	YES	NO	--	YES ²	YES	YES
Cover	YES	YES	YES	YES	NO	NO	YES	NO	YES	YES	YES	YES	YES	NO	--	YES ²	YES	YES
Sheet	YES	YES	YES	YES	NO	NO	YES	NO	YES	NO	NO	YES	NO	NO	--	YES ²	YES	YES
Top copied back blank	YES	YES	YES	YES	NO	NO	YES	NO	YES	NO	NO	YES	NO	NO	--	YES ²	YES	YES
Sheet insertion	YES	YES	YES	YES	NO	NO	YES	NO	YES	NO	NO	YES	NO	NO	--	YES ²	YES	YES
Date stamp	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	NO	YES	YES
Page number	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	--	NO	YES	YES
Job build	*5	*5	*5	*5	NO	*3	*3	*3	*3	NO	NO	*3	*3	*3	--	*3	YES	YES

YES: The functions can be combined.
 NO: The function set first takes precedence.
 (YES): The result is not guaranteed although the function are operable.
 *1: The function set last takes precedence.
 *2: Only AMS (Automatic Magnification Selection).
 *3: Bookbinding margin setting in the image shift functions cannot be combined with the dual page setting.
 *4: The setting cannot be changed from 2nd job or later.
 *5: The type of original (1-sided or 2-sided) can be changed.

Combination Matrix 2/2

Next setting	Image direction	Book - Tablet	Edge erase	Image shift	2IN1/4IN1	Book center erase	XY zoom	Dual page	Mirror	Trim/ Mask	Cover sheet			Sheet insertion	Date stamp	Page number	Job build
											Top blank	Top copied	Both blank				
Already setting																	
1 to 1 Simplex	YES	*1	YES	YES	*1	YES	YES	*1	YES	YES	YES	YES	YES	YES	YES	YES	*5
1 to 2 Duplex	YES	*1	YES	YES	*1	YES	YES	*1	YES	YES	YES	YES	YES	YES	YES	YES	*5
2 to 1 Split	YES	*1	YES	YES	*1	NO	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	*5
2 to 2 Duplex	YES	YES	YES	YES	*1	NO	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	*5
Book to 2	YES	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	YES	YES	NO
Non-sort/Non-staple	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	*1	*1	*1	YES	YES	YES	*3
Sort	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	*3
Group	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	NO	NO	YES	YES	YES	*3
Staple sort	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	*3
Magazine sort	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO
Magazine sort & Saddle stitch	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	YES	YES	NO	YES	YES	YES	NO
Saddle stitch	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	*3
Rotate sort	YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	*3
Rotate copier (A4,B5,A5,L,T)	YES	YES	YES	*1	YES	*1	*1	YES	YES	YES	YES	YES	YES	YES	YES	YES	--
Mixed original sizes	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	*3
ADF	YES	YES	YES	YES	YES	--	YES	--	YES	YES	YES	YES	YES	YES	YES	YES	YES
SADF	YES	YES	YES	YES	YES	--	YES	--	YES	YES	YES	YES	YES	YES	YES	YES	YES
Image direction	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Book - Tablet	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	*4
Edge erase	YES	YES	YES	NO	NO	NO	YES	NO	YES	YES	YES	YES	YES	YES	YES	NO	*4
Image shift	YES	NO	YES	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	YES
2IN1/4IN1	YES	NO	YES	YES	YES	YES	YES	YES* 3</td <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>*4</td>	YES	YES	YES	YES	YES	YES	YES	YES	*4
Book center erase	YES	NO	YES	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
XY zoom	YES	YES	YES	YES	NO	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO
Dual page	YES	NO	YES	YES* 3</td <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td> <td>NO</td>	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Mirror	YES	YES	NO	YES	NO	YES	NO	NO	NO	--	YES	YES	YES	YES	YES	YES	NO
Trim/Mask	YES	YES	NO	YES	NO	NO	NO	NO	--	YES	YES	YES	YES	YES	YES	YES	NO
Top blank	YES	YES	YES	YES	NO	NO	NO	NO	YES	YES	--	--	--	YES	YES	YES	NO
Cover sheet	YES	YES	YES	YES	NO	NO	YES	NO	YES	YES	--	--	--	YES	YES	YES	NO
Both blank	YES	YES	YES	YES	NO	NO	YES	NO	YES	YES	--	--	--	YES	YES	YES	NO
Top copied back blank	YES	YES	YES	YES	NO	NO	YES	NO	YES	YES	--	--	YES	YES	YES	YES	NO
Sheet insertion	YES	YES	YES	YES	NO	NO	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	NO
Date stamp	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	*4
Page number	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	*4
Job build	*4	*4	YES	*4	*4	*4	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	*4

YES: The functions can be combined.
 NO: The function set first takes precedence.
 (YES): The result is not guaranteed although the function are operable.
 *1: The function set last takes precedence.
 *2: Only AMS (Automatic Magnification Selection).
 *3: Bookbinding margin setting in the image shift function cannot be combined with the dual page setting.
 *4: The setting cannot be changed from 2nd job or later.
 *5: The type of original (1-sided or 2-sided) can be changed.

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MULTIFUNCTIONAL DIGITAL SYSTEMS
Operator's Manual for Basic Function

e-STUDIO352/452

e-STUDIO353/453

TOSHIBA TEC CORPORATION

2-17-2, HIGASHIGOTANDA, SHINAGAWA-KU, TOKYO, 141-8664, JAPAN

