

Konica 7045

INSTRUCTION MANUAL

INSTRUCTION
MANUAL

KONICA

Konica 7045

- 1** *Basic*
- 2** *Advanced*



Thank you very much for your purchase of the Konica 7045.

This Manual deals with making copies, correct handling of the machine, and precautions for safety. Please read before copying.

In order to maintain a satisfactory copying performance, please keep this Manual readily available for reference in the rear pocket of the Drawer Base Unit.



ENERGY STAR® Program

The ENERGY STAR Program has been established to encourage the widespread and voluntary use of energy-efficient technologies that reduce energy consumption and prevent pollution. As an ENERGY STAR Partner, Konica Corporation, Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency grounding it on the following features.

Auto Low Power

This function conserves energy by lowering the set temperature of the fixing unit. In the standard setting, Auto Low Power operates automatically when 15 minutes have elapsed after completion of the last copy, with the copier remaining in the ready to copy state during that time.

The time period for the Auto Low Power function can be set for 5 minutes, 10 minutes, 15 minutes, 30 minutes, 60 minutes, 90 minutes, 120 minutes, or 240 minutes. See p. 2-10 for details.

Automatic Shut-Off

This function achieves further energy conservation by partially turning OFF the power supply, thereby reducing energy consumption to 15W or less. In the standard setting, Automatic Shut-Off follows Auto Low Power, operating automatically when 60 minutes have elapsed after completion of the last copy, with the copier remaining in the ready to copy state during that time.

The time period for the Automatic Shut-Off function can be set for 15 minutes, 30 minutes, 60 minutes, 90 minutes, 120 minutes or 240 minutes. See p. 2-10 for details.

Automatic Duplex Copying

To reduce paper consumption, use this function to make double-sided (duplex) copies, automatically.

We recommend that you utilize the Auto Low Power function, the Automatic Shut-Off function, and the Automatic Duplex Copying function.

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Features of the Konica 7045

- **AE - Automatic Exposure**

Automatically adjust exposure to compensate for the original.

- **AMS - Automatic Magnification Selection**

Automatically select an appropriate magnification ratio when Paper Size is selected manually. Automatically selected when the AMS key is touched.

- **APS - Automatic Paper Selection**

Automatically select copy paper size to match the original documents.

- **ATS - Automatic Tray Switching**

Automatically switch tray to allow copying to be continued without interruption when the selected tray becomes empty while copying is in progress.

- **Auto Layout**

The original image on the platen glass is copied and centred on a sheet.

- **Auto Low Power**

Automatically lower the power after a specified period of copier inactivity.

- **Auto Reset**

Automatically reset to auto mode defaults after a specified period of copier inactivity.

- **Auto Shut-Off**

Automatically shut off the main power after a specified period of copier inactivity.

- **Booklet**

Create A5 or A4 booklets from A4 size originals in 1 ► 2 or 2 ► 2 copy mode.

- **Chapter**

Start chapter pages on the right side (front pages) of the finished document. Only duplex mode (1 ► 2 or 2 ► 2) is compatible.

- **Combination**

Copy a fixed number (2, 4, or 8) of pages onto one sheet of copy paper to create a draft copy of a multi-page report at the same time as saving paper.

- **Copy Density**

Manually select up to 9 density levels.

- **Copy Mode**

Select the desired simplex mode (1 ► 1 or 2 ► 1); or duplex mode (1 ► 2 or 2 ► 2).

- **Counter List**

Display the total counter of the machine, then print it from the Counter List Screen, if desired.

- **Density Shift**

Shift each seven density levels of 4 density modes (Text/Photo, Text, Photo, Increase Contrast) into two levels to lighter and three levels to darker.

Features of the Konica 7045

- **Dual Page**

Copy both pages of an open book or book-size sheet separately onto two A4 sheets in 1▶1 mode or separately onto each side of one A4 sheet in 1▶2 mode. You can use the Dual Page mode with the Front or Front/Back cover mode. The cover page(s) will be scanned and copied normally before image division is performed on the other pages.

- **Flip Side 2**

1-2 Flip Side 2 arranges the even pages of the simplex originals upside down on the reverse side of duplex copies, this is especially valuable when copying A3 portrait on to A4.

Similarly, 2-1 Flip Side 2 rearranges the reverse side of duplex originals which reads upside down to make normal simplex copies.

- **Folded Original**

This feature sets the RADF to accept folded originals.

- **Frame/Fold Erasure**

Erase border and/or fold image area using Frame (1 - 15mm), Fold (1 - 30mm), or Frame & Fold.

- **Image Insert**

Store pages in memory from the platen glass, and insert the pages into a document copied from the document feeder.

- **Image Rotation**

Before copying, rotate the original image when its portrait/landscape orientation is different from the copy paper orientation.

- **Image Shift**

Create or remove a binding margin (shift amount from -250 ~ +250mm in 1mm increments); reduce image to prevent image loss (reduce & shift amount from -250 ~ +250mm in 1mm increments).

- **Interrupt Copying**

Interrupt copying-in-progress to perform an urgent copy, using any of the copier features for the interrupt job.

- **Job List Confirmation**

Display on the LCD the current machine status and the list of jobs stored ready for copying.

- **Job Memory**

Program up to 15 jobs and Recall each job by job number or name, as needed. All compatible platen glass functions can be programmed into Job Memory directly after they are selected.

- **Lens Mode (RE, Zoom)**

Select Fixed ratios, three reduction and three enlargement ratios. Zoom ratios can be selected from 25% ~ 400% in 1% increments.

Features of the Konica 7045

- **Magnification**

Set user-programmable ratios under User Set 1, User Set 2 and User Set 3.

- **Manual Shut-off**

Shut off the machine's main power when pressing [POWER SAVER ON/OFF] on the control panel.

- **Mixed Original**

Copy mixed size originals from the document feeder in APS or AMS mode. APS automatically selects the copy size of each original. AMS mode allows you to select one paper size for all originals.

- **Non Image Area Erase**

When copying from the platen glass when the document cover is open, copy only the image area and not the exposed area of glass, which would otherwise copy as black, to produce clean copies of odd sized originals.

- **Non-Standard Size for Original**

Identify the special original size which the 7045 could not detect in order to select the optimal paper size for copying or printing.

- **Output Mode for Machine with FS-109 Finisher Installed:**

Non-Sort, Sort, Staple-Sort, Group and Face Up modes are available.

Output the Non-Sort copies in the same order as the originals, without offsetting.

Output the Sort copies offsetting each set.

Output the Staple-Sort copies with each set stapled.

Output the Group copies by offsetting each group.

Output the Face Up copies facing up in reverse order of the originals, without offsetting.

Finisher is equipped with three exit trays.

Tray 1 (Finisher upper exit tray) enables you to select Group and/or Face Up mode(s).

Tray 2 or 3 (Finisher middle/lower exit tray) enables you to select Sort, Group, or Staple-sort.

- **Output for Machine with no Finisher Installed:**

Normal, E-SORT and Face Up exit modes are available.

Use the Sort with normal exit as the default condition to output copies in the same order as the originals.

Use the Group with normal exit to output multiple copies of each original.

Use the E-SORT+Sort mode to alternately switch the landscape and portrait orientation of each copied set upon exit.

Use the E-SORT+Group mode to alternately switch the landscape and portrait orientation of each original.

Use the Face Up exit together with Sort, Group, and/or Rotation exit to output copies facing up.

- **Overlay**

Scan an original image and overlay it on the pages of another document. For example, you may want to incorporate a page heading, graphic design or logo into the pages of your document.

Features of the Konica 7045

• Paper Capacity

Total 2,100 sheets in the machine with DB-208 drawer, including four 500-sheet trays and a 100-sheet Multi-sheet bypass tray.

Total 1,100 sheets in the machine with DB-208A drawer, including two 500-sheet trays and a 100-sheet Multi-sheet bypass tray.

Total 2,600 sheets in the machine with DB-608 drawer, including two 500-sheet trays, a 1,500-sheet tray and a 100-sheet Multi-sheet bypass tray.

• Platen Memory

Scan documents into memory from the platen glass and/or the document feeder and insert the pages into another document copied from the document feeder. If an incompatible function is selected in this mode, the latter function will not be selected, and a Caution message will be displayed.

• Power Saver

Automatically turns off all but nominal power supply after a specified period of copier inactivity, for optimal efficiency. Power is returned after a brief warm up period by pressing [POWER SAVER ON/OFF] on the Control panel.

• Proof Copy

To ensure correct output before running multiple copies, run a proof copy by pressing [PROOF COPY] on the Control panel or touching **PROOF COPY** on the Check Screen.

• Repeat

Select the horizontal image area across the page, and repeat it down the page as many times as the repeat width setting (10 ~ 150mm) permits in manual or auto. This is useful when wishing to copy an A5 original and doubling it up on to A4.

• Reserve

Scan in subsequent copy jobs while the 7045 is busy printing or copying.

• Reverse Image

Reverse the image from black-on-white to white-on-black or vice versa.

• Sheet/Cover Insertion

Insert up to 15 blank or copied sheets from any tray including the Multi-sheet Bypass Tray, or insert blank or copied front and back covers from any tray including the Multi-Sheet Bypass Tray to enhance the presentation of multi-page documents.

• Special Paper

To be specified when using special paper for copying, i.e. OHP film, thick paper or thin paper. When using OHP film, select either Blank or Copy Sheet Interleaving mode for each original.

• Stamp

Print watermark, regular stamp, date/time, page number, and numbering onto the output copies to enhance the presentation and usefulness of the copies.

• Staple

Select the stapling position and number of staples.

Features of the Konica 7045

- **Text/Photo Enhance**

Enhance photo image in Photo mode; enhance regular image in Text/Photo mode; enhance text image in Text mode; enhance lighter image in Increase Contrast mode.

- **Userset Density (USERSET 1, USERSET 2)**

Output up to 16 density samples on a total of 4 pages that display 4 samples per page, then program the desired density under USERSET 1 and/or USERSET 2.

- **Weekly Timer**

Can be set according to the needs of each work environment. Turn main body power Off/On daily or weekly, during lunch time, on holidays, and also enable the timer-interrupt mode, which allows temporary use of the machine even when the machine is in the daily, weekly, or holiday Off mode.

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SECTION

1

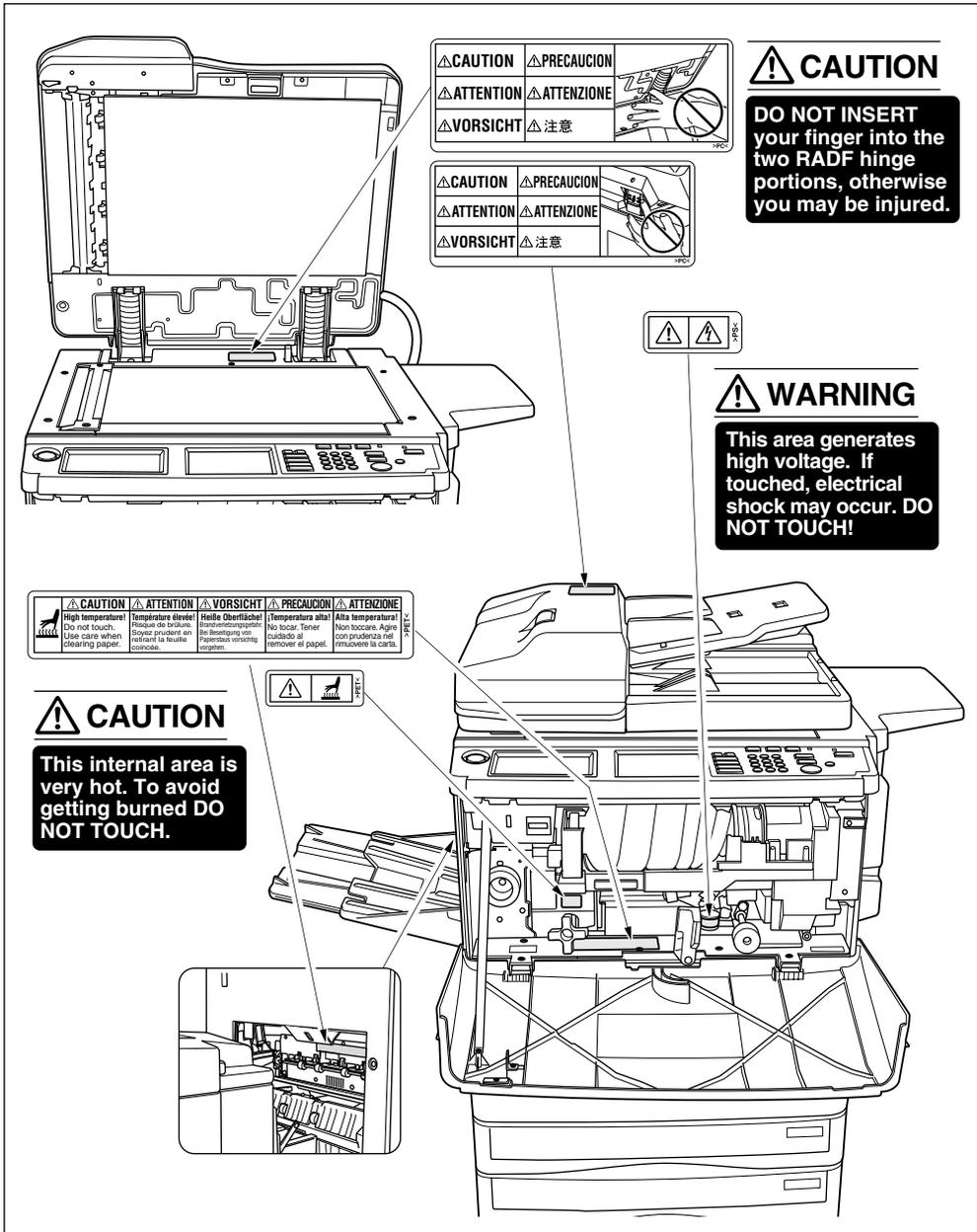
Safety Information

Precautions for Installation and Use

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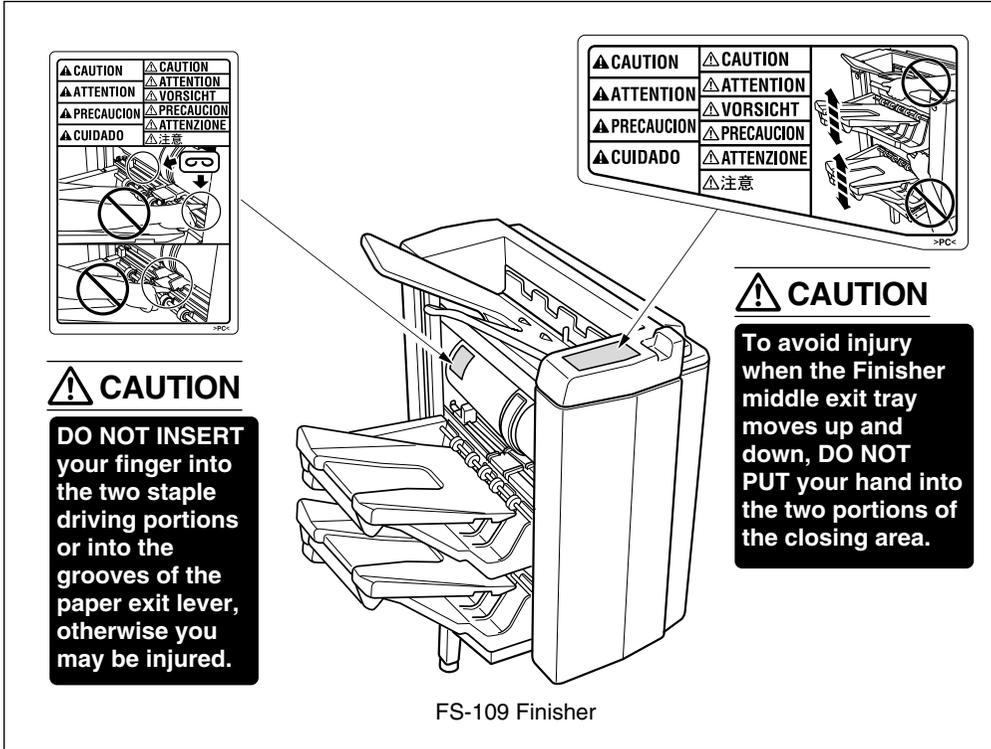
Caution Labels and Indicators

The caution labels and indicators are attached to the machine areas, as shown below, where you are advised to pay special attention to avoid any dangerous situations or serious injury.



CAUTION

Burns or injury may occur from touching the areas detailed in the caution labels and caution indicators. Do not remove caution labels or indicators. If any caution label or caution indicator is soiled, please clean to make legible. If you cannot make them legible, or if the caution label or indicator is damaged, please contact your service centre.



The following indicators are used on the caution labels or in this manual to categorize the level of safety cautions.



DANGER:

Action highly liable to cause a death or serious injury.



WARNING:

Action liable to cause a death or serious injury.



CAUTION:

Action liable to cause minor injury, medium trouble or physical damage.

If you find any of these indicators when removing jammed paper, adding toner, or reading the manual, be sure to follow the information.



If the safety cautions in the manual become illegible due to soilage, etc., please arrange a new copy from your service centre.

Requirements for Safe Use

To ensure your safe use of the machine, the following describes the precautions you are required to observe without fail for the power source of the machine and during installation and routine handling. Be sure to read and observe them.

■ Power Source

CAUTION: PLUG SOCKET

- A plug socket is limited in capacity. Use only a power source with the correct rating for the machine; otherwise, hazardous situations such as smoking or overheating may occur. See the following list to match the power supply and power consumption:
 - a) 230V/50Hz: More than 10A
 - b) 110V/60Hz: More than 15A
 - c) 230V/60Hz: More than 10A
 - d) 127V/60Hz: More than 15A
- Avoid multiple connections in the same outlet. Do not use multiple outlet adaptors.

CAUTION: POWER PLUG AND LEAD

- Be sure to insert the power plug firmly into the power socket. Otherwise an accident may occur as a result of smoking or overheating. If the inserted power plug is loose in the socket, even after it has been positively inserted, disconnect the plug and contact your electrical contractor.
- For plug cable equipment, that the socket-outlet shall be installed near the equipment and shall be easily accessible.
- Do not bend or crush the power lead. If your copier power lead is bent or damaged in any way, contact your service centre immediately. Do not attempt to repair it yourself, and do not continue to operate the copier. A damaged power lead may result in overheating, a short circuit, or fire.
- Do not bundle or coil the power lead of the copier. Otherwise an accident may occur as a result of overheating or fire.

CAUTION: CONNECTING MULTIPLE LOADS TO ONE SOCKET OUTLET PROHIBITED

Never connect multiple loads to one socket outlet using a multi-outlet extension lead or branched socket. Otherwise an accident may occur as a result of overheating or fire.

CAUTION: EXTENSION LEAD

An extension lead must never be used with this machine.

■ Environment

CAUTION: PREVENTION OF FIRE

Do not install near flammable materials, curtains and volatile combustibles, that can catch or cause fire.

CAUTION: PREVENTION OF SHORT CIRCUIT

Do not install the copier where it could be splashed with rain water, or water from a tap, to avoid a short circuit.

CAUTION: TEMPERATURE AND HUMIDITY

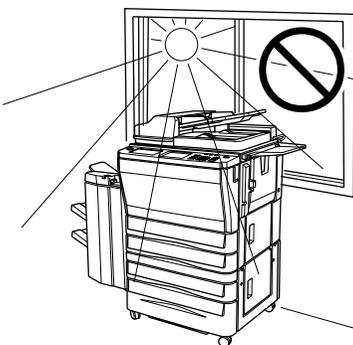
- Keep away from direct sunlight, heat sources such as stoves, cool air from an air conditioner and hot air from a heater.
- Avoid any environment that is outside the range shown below:
 - 10 to 30°C in temperature
 - 10 to 80% in humidity

CAUTION: VENTILATION

- Maintain the installation place well-ventilated.
- Keep away from dust or corrosive gases. These materials may cause poor image quality.
- During the use of machine, the machine generates ozone but in an insufficient amount to cause any hazard to the human body. However, if the machine is used in a poorly ventilated room, many copies are made, or plural copiers are used at the same time, an odour may be detected. Ensure adequate ventilation for a comfortable working environment.

CAUTION: VIBRATION

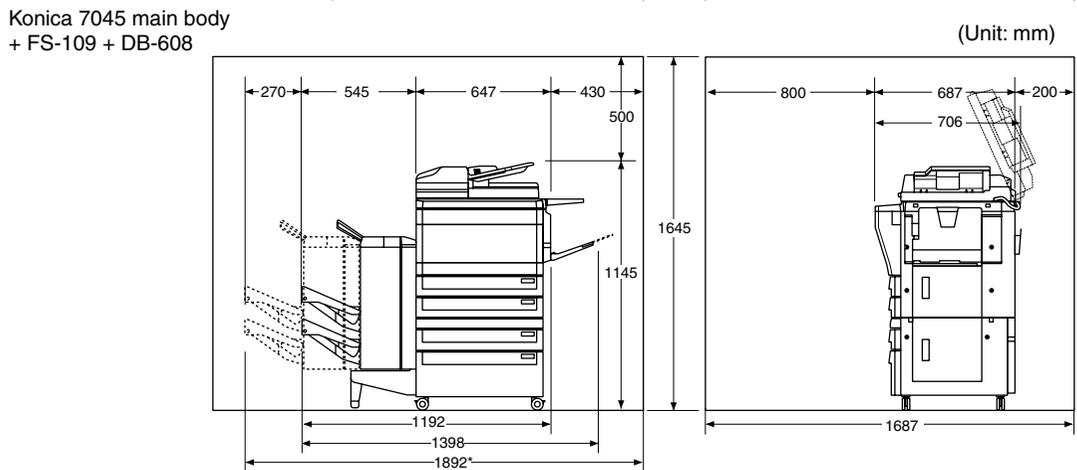
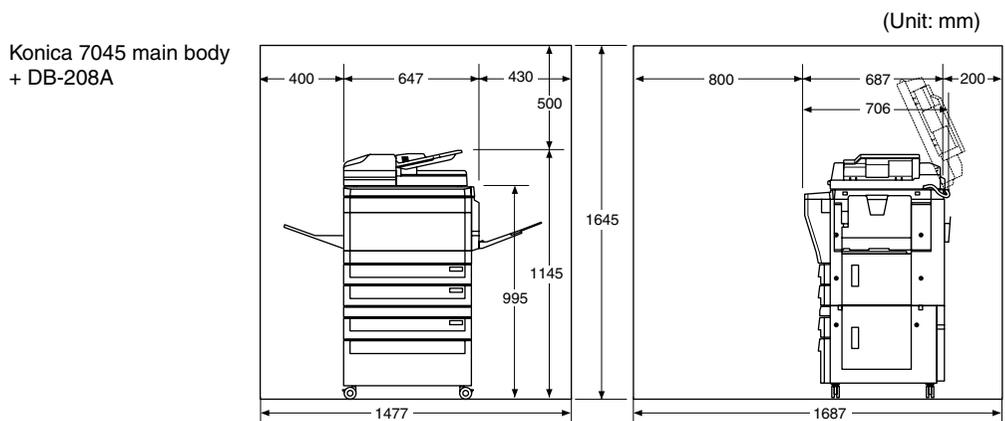
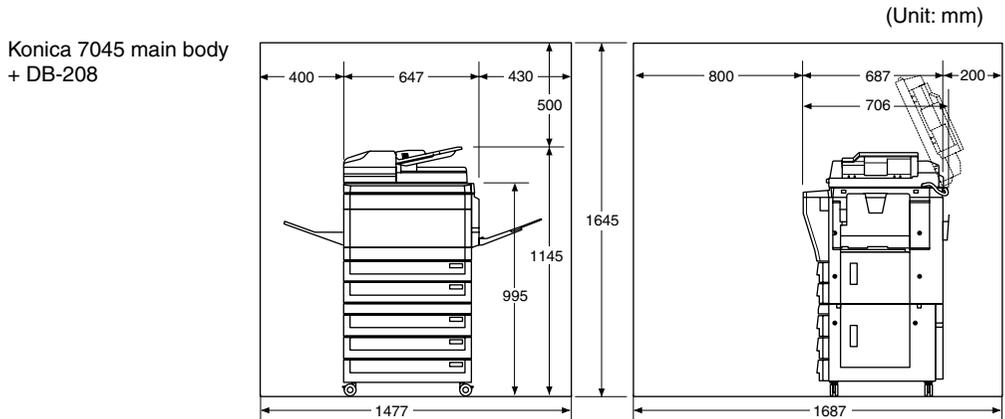
Do not install on a floor which is subject to vibration or is not level.



Requirements for Safe Use (continued)

CAUTION: INSTALLATION SPACE

Allow sufficient space for facilitating copy operation, changing parts, and periodic inspection. Especially leave an adequate space behind the machine to let hot air out from the rear fan.



* Dimension required when the Finisher is withdrawn.

■ Precautions for Routine Handling

WARNING: HIGH VOLTAGE

DO NOT TOUCH the high voltage parts indicated with WARNING label or described in the manual.

CAUTION: ACTIONS IN RESPONSE TO TROUBLES

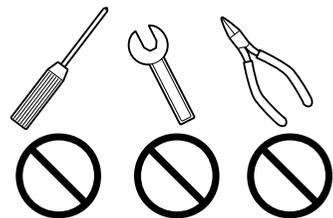
- If the Service Call screen is displayed and copier operations cannot be continued any more, stop the operation to prevent any unexpected accident. Write down the report code as stated on the 2nd line of the message, then switch off the copier and disconnect from the power socket. Contact your service centre and inform them of the report code.
- Do not touch the high temperature parts indicated with CAUTION labels or described in the manual.
- Do not touch the inside of the machine for any other purpose than removing jammed paper or adding toner.
- If machine repair is necessary, be sure to contact your service centre. Never attempt to repair it by yourself.
- If any abnormal sound, smell or smoke comes from the machine, immediately stop using it, turn off the power switch, disconnect the power plug and contact your service centre.
- If the breaker trips or the fuse blows, turn off the power switch, reset the breaker or the fuse, and turn on the machine. If the same situation occurs again, contact your service centre.
- Insure the replacement fuse conforms with the rating of the power source. Never use a fuse with an incorrect rating.

CAUTION: PREVENTION OF FIRE

Do not use volatile combustibles such as a thinner or alcohol near the machine.

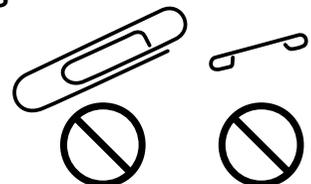
CAUTION: PROHIBITION OF MACHINE MODIFICATION

Do not modify or remove any parts by yourself.



CAUTION: PREVENTION OF MACHINE TROUBLES

- Do not drop small metallic objects such as paper clips or staples inside the machine.
- Do not place any heavy or hard objects such as a vase, books or ornaments on the machine.



Requirements for Safe Use (continued)



CAUTION: RECOMMENDATION OF PERIODIC CHECK

Be sure to check periodically the following points:

- (1) The main lead or the power plug does not generate abnormal heat.
- (2) The power plug is not inserted loosely or the lead is not cut or scratched.
- (3) The earth wire is correctly connected.
- (4) The power plug or the power outlet is not covered with dust.

If you find anything abnormal in the above items, stop using the machine and contact your service centre.



CAUTION: TONER

- Keep the toner bottle away from children. The toner is nontoxic; however if you inhale or contact with eyes by accident, flush with water and seek medical advice.
- Do not throw the empty toner bottle into a fire. If it is thrown into a fire the toner may ignite and cause a dangerous situation.



CAUTION: PAPER

Check paper to be sure it is according to specifications outlined in Section 9.



CAUTION: POWER SAVER AND WEEKLY TIMER

- During Power Saver mode the copier is still connected to the mains power supply and power is still applied to certain areas of the machine. To avoid any unexpected troubles turn the power OFF when not using the copier for long periods of time.
- When the Weekly Timer function is operating, turning power OFF will disable the function.



CAUTION: FINISHER OPERATION

- DO NOT INSERT your finger into the two staple driving portions or into the grooves of the paper exit lever, otherwise you may be injured.
- To avoid injury when the Finisher middle exit tray moves up and down, DO NOT PUT your hand into the two portions of the closing area.



CAUTION: RADF HINGES

DO NOT INSERT your finger into the two RADF hinge portions, otherwise you may be injured.



WARNING: DRUM UNIT

The drum unit has a high voltage generated.
To avoid an electrical shock, DO NOT TOUCH.



CAUTION: DISPOSE OF A DISUSED COPYING MACHINE

Do not dispose of this copier yourself. Contact your service centre, who can arrange for its safe disposal.

If you change the place of installation, please contact your service centre.

CAUTION: PAPER CAPACITY FOR THE EXIT TRAY

The exit tray capacity is max. 100 sheets. If a copy run of more than 100 is required, be sure to remove the copies from the exit tray before the maximum capacity is reached. Failure to do so will cause the copier to jam.

CAUTION: FINISHER PAPER CAPACITY

The FS-109 Finisher is equipped with three exit trays. Select an exit tray and output mode on the Output Mode Screen. To prevent paper misfeed, do not exceed the paper capacity of the Finisher.

When the total number of copies in the copy run exceeds the stated capacity, be sure to unload the exit tray whilst the copier is still copying. Failure to do so will cause the copier to jam. The following capacity is for 80g/m² paper of the same size.

Exit tray/Output mode		Paper size/Paper type				
		A5R* ³	A4, A4R, B5, 8.5"x11"	A3, B4, B5R* ³	Thick/Thin paper, OHP film	Non-standard size
Exit tray 1	Non-sort	100 sheets	100 sheets	100 sheets	10 sheets	10 sheets
Exit tray 2	Non-sort	300 sheets	700 sheets	300 sheets	–	–
Exit tray 3	Sort/Group	–	700 sheets	300 sheets	–	–
	Staple	25 sets* ¹	25 sets* ²	25 sets* ²	–	–

*¹: Total paper capacity should be 300 sheets or less.

*²: Total paper capacity should be 500 sheets or less.

*³: Stapling on rear side is not available.

SECTION

2

Machine Information

Machine Configuration, Various Touch Screen and Loading Paper

Machine Configuration	2-2
Turning On the Main Power Switch and Power Switch	2-8
Touch Screens	2-13
Loading Paper	2-16
Changing Paper Size of Universal Tray	2-20

2

Machine Information

Machine Configuration

Turn On/Off the Power

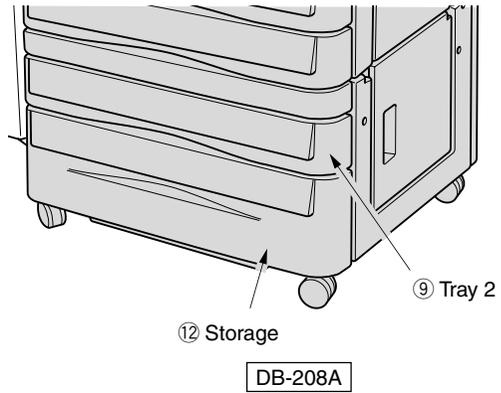
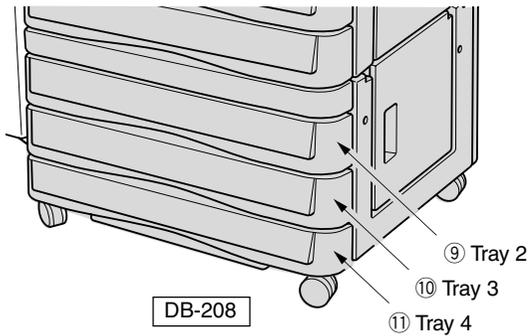
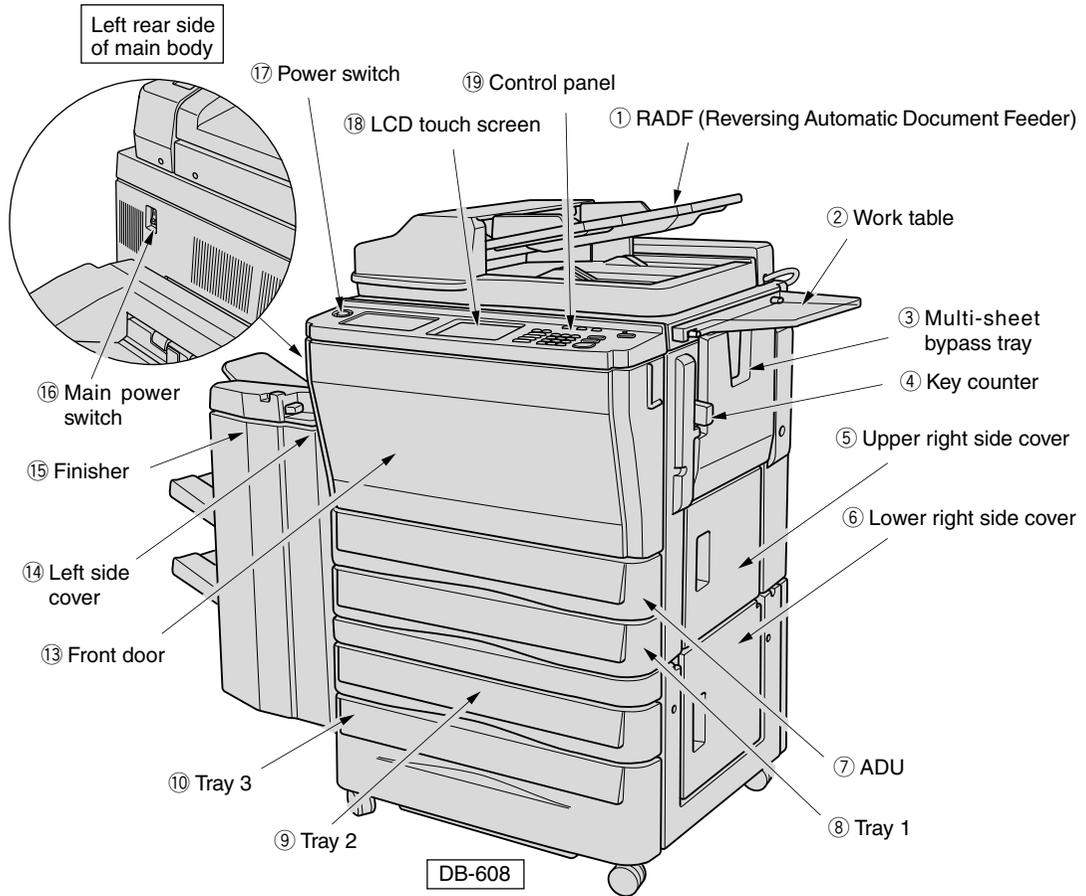
Touch Screens

Loading Paper

Changing Paper Size

Machine Configuration

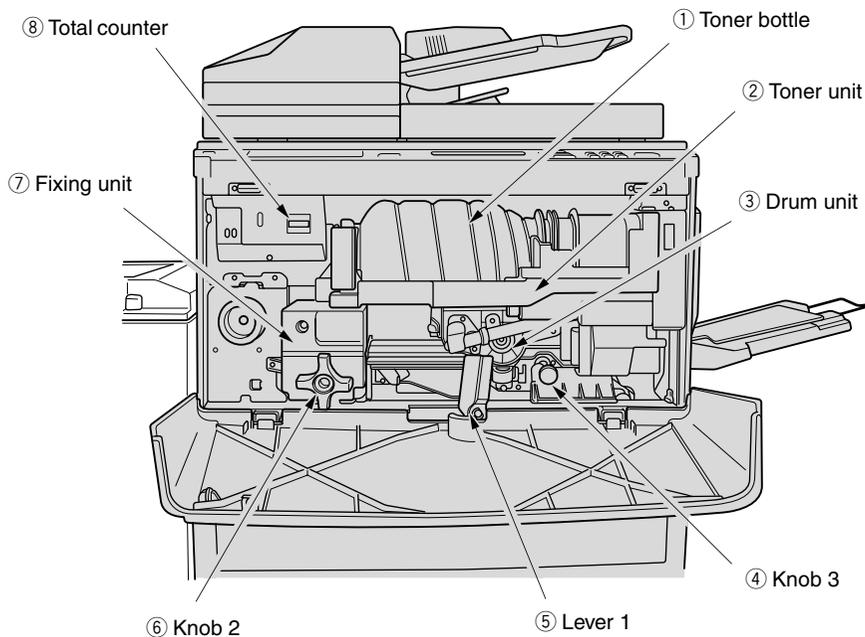
External Machine Items



Machine Configuration (continued)

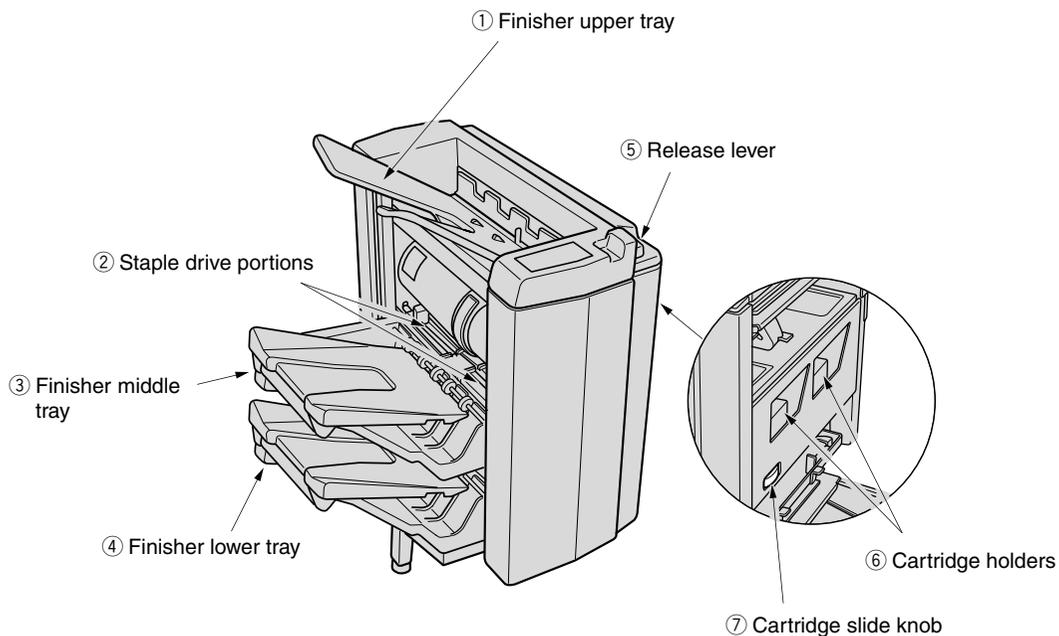
- ① **RADF (Reversing Automatic Document Feeder)** automatically feeds multiple originals one at a time to the platen glass for copying.
- ② **Work table** provides a convenient workspace for documents both before and after copying.
- ③ **Multi-sheet bypass tray** used for small quantity copying onto plain paper or special paper.
- ④ **Key counter** (option) manages the number of copies made on the machine.
- ⑤ **Upper right side cover** opens to allow removal of mishandled paper.
- ⑥ **Lower right side cover** opens to allow removal of mishandled paper.
- ⑦ **ADU** is used for stackless duplex copying.
- ⑧ **Tray 1** (universal tray) is user adjustable and holds 500 sheets from A3 to A5R, 8.5"x14", 8.5"x11"R.
- ⑨ **Tray 2** (of DB-208/208A/608 option) (universal tray) is user adjustable and holds 500 sheets from A3 to A5R, 8.5"x14", 8.5"x11"R.
- ⑩ **Tray 3** (of DB-608 option) is initially fixed at A4 and holds 1,500 sheets.
Tray 3 (of DB-208 option) (universal tray) is user adjustable and holds 500 sheets from A3 to A5R, 8.5"x14", 8.5"x11"R.
- ⑪ **Tray 4** (of DB-208 option) (universal tray) is user adjustable and holds 500 sheets from A3 to A5R, 8.5"x14", 8.5"x11"R.
- ⑫ **Storage** accommodates copy paper or copy materials.
- ⑬ **Front door** opens to the internal copier to allow clearing of mishandled paper and replenishing of toner.
- ⑭ **Left side cover** opens to allow clearing of mishandled paper.
- ⑮ **Finisher** (option) sorts, staple-sorts, and groups copies into finished sets.
- ⑯ **Main power switch** turns machine power On/Off to operate it as copier/printer.
- ⑰ **Power switch** turns copier power On/Off when pressed.
- ⑱ **LCD touch screen** displays interactive operation screens.
- ⑲ **Control panel** controls copier operations and displays messages as required.

■ Internal Machine Items



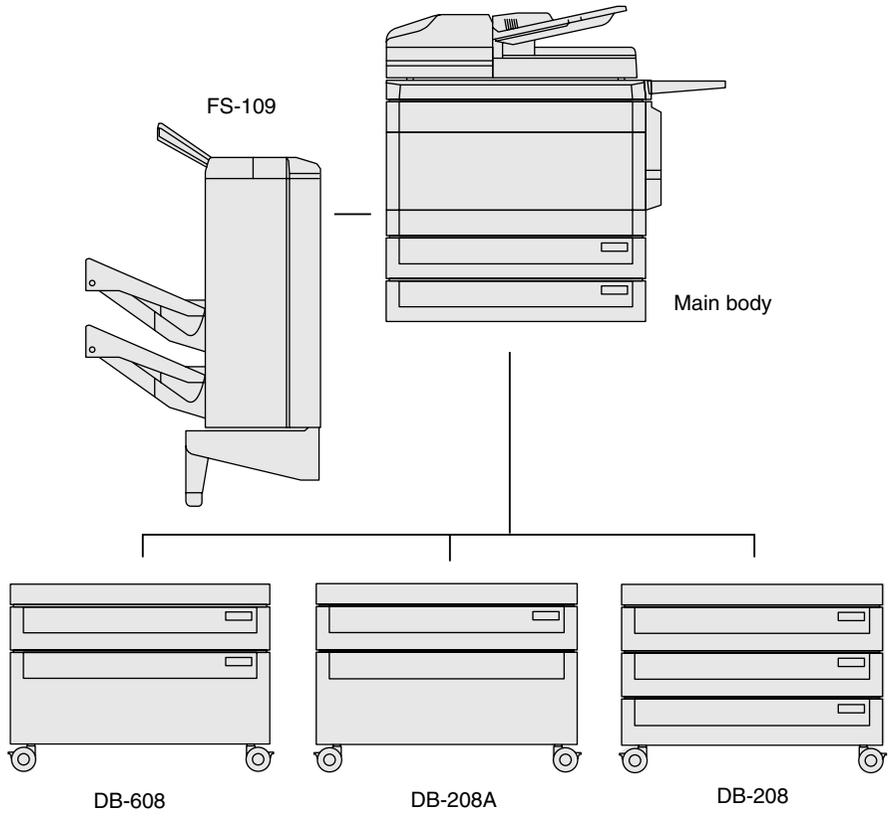
- ① **Toner bottle** holds toner and is to be replaced when supplying toner.
- ② **Toner unit** holds the toner supply.
- ③ **Drum unit** forms the copy image.
- ④ **Knob 3** can be turned for removal of mishandled paper.
- ⑤ **Lever 1** can be moved for removal of mishandled paper.
- ⑥ **Knob 2** can be turned for removal of mishandled paper from the fixing unit.
- ⑦ **Fixing unit** fuses the toner onto the copy paper.
- ⑧ **Total counter** indicates the total number of copies made.

■ Finisher

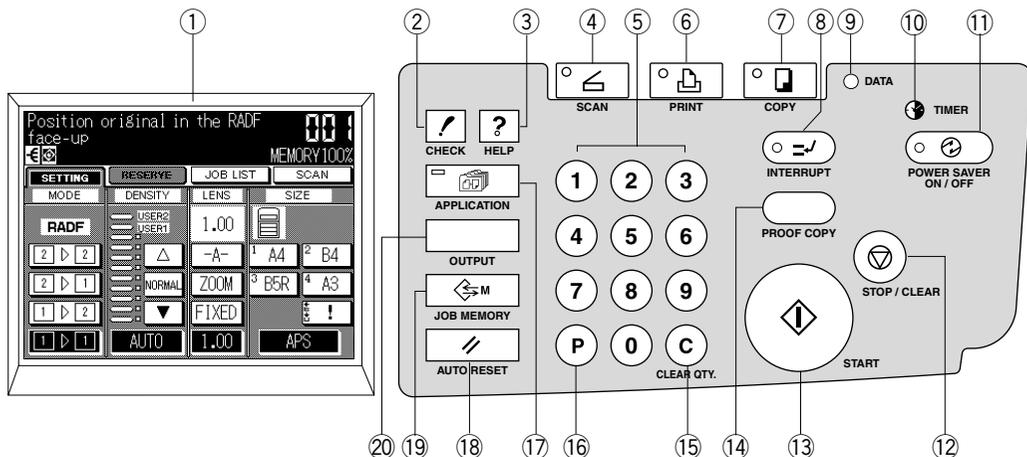


- ① **Finisher upper tray** ejects copy paper in Non-sort mode.
- ② **Staple drive portions** staple the copied set in Staple-sort mode.
- ③ **Finisher middle tray** ejects copy paper in Non-sort, Sort, Group, or Staple-sort mode.
- ④ **Finisher lower tray** ejects copy paper in Non-sort, Sort, Group, or Staple-sort mode.
- ⑤ **Release lever** releases the finisher from the main body when clearing misfed paper or supplying staples.
- ⑥ **Cartridge holders** hold staple cartridges to be replaced when supplying staples.
- ⑦ **Cartridge slide knob** can be turned to bring the staple unit near the cartridge holders.

■ Standard/Optional Equipment



■ Control Panel Layout



- ① **LCD SCREEN** displays machine and copying status; help information; interactive screens; and touch keys for selecting all functions.
- ② **CHECK** displays a screen showing all settings that are selected for the current job.
- ③ **HELP** displays a screen with help for the currently selected function or to access the Key Operator Mode Screen.
- ④ **SCAN** switches the machine operation mode to scanner.
- ⑤ **KEYPAD** enters numeric values.
- ⑥ **PRINT** accesses printing mode for network.
- ⑦ **COPY** switches the machine operation mode to copy.
- ⑧ **INTERRUPT** stops copying/printing/scanning in progress to allow copying.
- ⑨ **DATA** blinks while receiving print data in printer mode, then lights after completing it.
- ⑩ **TIMER** lights when the timer function is set.
- ⑪ **POWER SAVER ON/OFF** activates power-saving mode for times when the copier is inactive, or activates timer interrupt mode when weekly timer function is active.
- ⑫ **STOP/CLEAR** stops the copying sequence; deletes the stored memory.
- ⑬ **START** activates scanning or copying.
- ⑭ **PROOF COPY** outputs a single set of copies to confirm whether the current settings are selected properly.
- ⑮ **CLEAR QTY.** allows resetting of print quantity.
- ⑯ **[P]** displays the Counter List Screen or accesses programming modes for setting special functions.
- ⑰ **APPLICATION** displays a menu for selecting special application functions.
- ⑱ **AUTO RESET** restores copier to automatic mode settings or to key operator settings.
- ⑲ **JOB MEMORY** displays screens for selecting job store/ job recall functions.
- ⑳ **OUTPUT** displays screens for selecting an output condition.

2 Machine Information

Machine Configuration

Turn On/Off the Power

Touch Screens

Loading Paper

Changing Paper Size

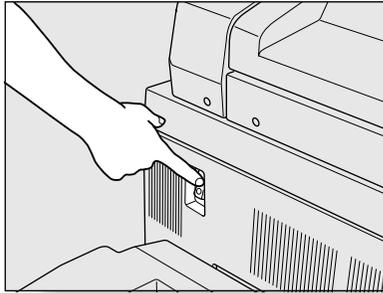
Turning On the Main Power Switch and Power Switch

This machine is equipped with two power switches.

■ To Turn On the Power

1 Turn ON the main power switch.

The main power switch is located on the rear left side of the main body.

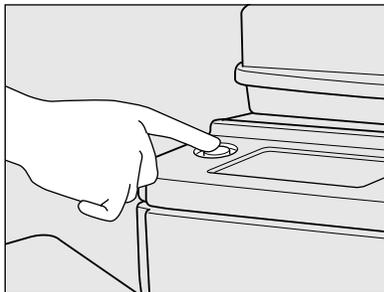


 Please Be Reminded!

When turning the main power switch OFF then ON, wait for 3 seconds or longer before turning it ON again; otherwise the copier may not function normally.

2 Turn ON the power switch.

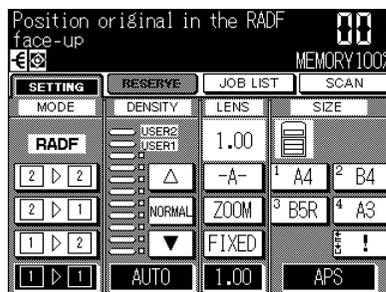
The power switch is located on the far left side of the control panel.
Warm-up takes approximately 90 seconds.



3 The Basic Screen will be displayed.

The message on the Basic Screen will inform you that copying job is now available.

 FOR DETAILS



- When the initial settings are changed by the key operator, the modified conditions will be displayed on the Basic Screen.
- When “Enter E.K.C. password” is displayed, enter your password to use the machine.

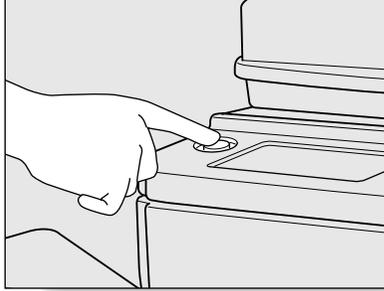
■ To Turn Off the Power

1

Turn OFF the power switch.

The power switch is located on the far left side of the control panel.

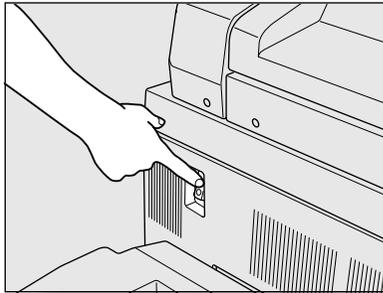
The touch screen and all the LEDs on the control panel will go out.



2

Turn OFF the main power switch.

The main power switch is located on the rear left side of the main body.



FOR DETAILS

- The main power switch is not required to be turned off usually.
- When the machine is under control of the weekly timer function, turning off the main power switch will deactivate the function.

2 Machine Information

Machine
Configuration

Turn On/Off
the Power

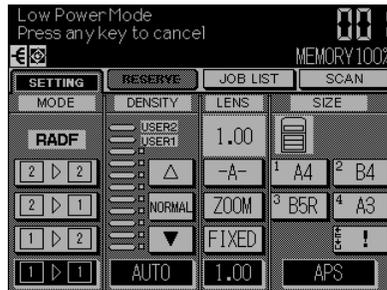
Touch
Screens

Loading
Paper

Changing
Paper Size

■ Reducing the Power in Standby Mode (Auto Low Power)

This function automatically lowers the power after a specified period (initially 15 minutes) of copier inactivity. The LCD screen becomes dark with the message “Low Power Mode / Press any key to cancel” displayed.



To start a copying job, press any key on the control panel other than .

The Auto low power will be released and the LCD screen recovers usual brightness.



The Auto low power function can be set to 5 minutes/ 10 minutes/ 15 minutes/ 30 minutes/ 60 minutes/ 90 minutes/ 120 minutes/ 240 minutes in the Key operator mode. For the key operator setting, see p. 12-33.



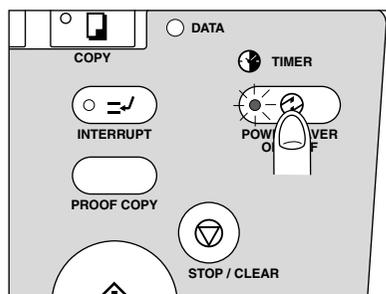
- If the Auto shut-off function activates at the same time, the power will be turned off without the LCD screen becoming dark.
- The LCD screen will not be come dark during a duplex copying job or when the Jam Position Screen is displayed.

■ Shutting Off Automatically (Auto Shut-Off)

This function automatically shuts off the power after a specified period (initially 60 minutes) of copier inactivity.

To start a copying job, press .

The copying operation will become available.



The Auto shut-off can be set for 15 minutes/ 30 minutes/ 60 minutes/ 90 minutes/ 120 minutes/ 240 minutes in the Key operator mode. For the key operator setting, see p. 12-33.



When “Timer interrupt mode / Enter password” is displayed after pressing , see p. 7-2 and follow the procedure to continue.

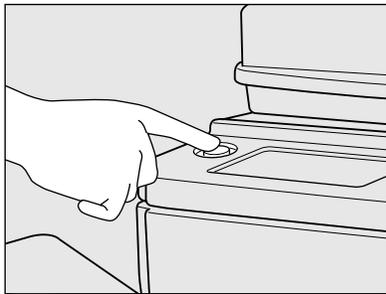
■ Entering an EKC Password (EKC)

The Electronic Key Counter (EKC) allows the key operator to monitor all copying activities by controlling EKC password accounts. Copy quantity limits for specific accounts can be set.

The EKC is not factory-set. An EKC password is required only when the EKC is activated; a User Password is assigned; and “Enter E.K.C. password” is displayed on the touch screen.

Copying will be available by following procedure.

- 1 Press the power switch.**



The Basic screen will be displayed along with the message shown below.

Enter E.K.C. password

- 2 Enter your 5-digit EKC password, using the keypad.**

The entered password will not be displayed on the screen.

If the EKC password is invalid, the copier will reset to the Initial mode. In that case, enter the correct password; or contact the key operator.

- 3 Press  .**

Your current copy count and copy limit will be displayed for 3 sec.

Current count / limit
018888/025000



For details of the EKC setting, see p. 12-14 to p. 12-20.



See p. 12-15 for setting an EKC password.

Turning On the Main Power Switch and Power Switch (continued)

4

Start a copying job.

When the message changes to “Ready to copy”, copying job is available on the machine.

5

Press while pressing .

CLEAR QTY.

The initial state will be restored, with the message “Enter E.K.C. password” displayed on the screen.

FOR DETAILS

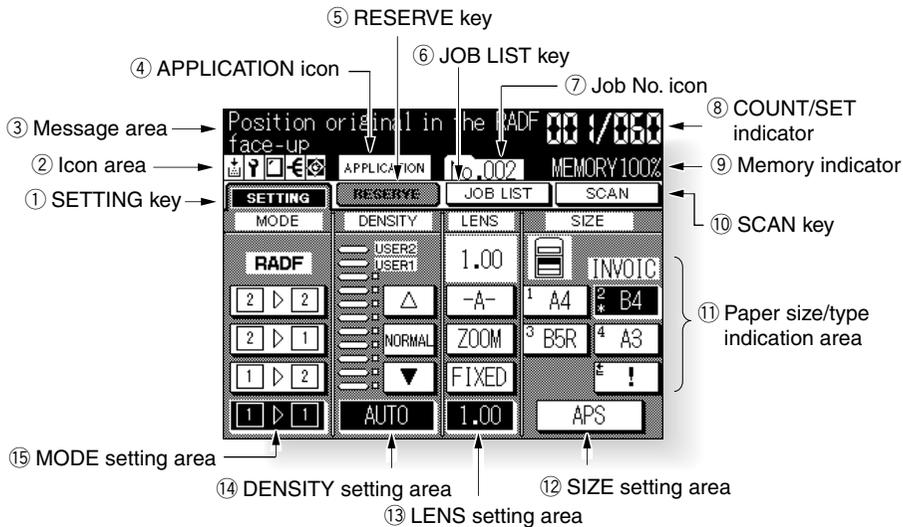
When your copy count reaches the copy limit, the message “Copy limit reached” will be displayed. In that case, contact the key operator to reset your copy limit.

Touch Screens

This copier has a large Liquid Crystal Display (LCD) in the centre of the control panel. The following pages describe various types of interactive screen and how to display them.

■ Making a Basic Copy (Basic Screen)

The Basic Screen displays when copying operation becomes available after warm-up.



- ① **SETTING key** is selected when the screen displays basic copying conditions. Touch this key to return to the current print job settings when making selections for a reserve job.

When any trouble occurs during a reserve setting, the “SETTING” changes to flashing “JAM” or “ADD PAPER” according to the trouble type. See p. 5-7 to p. 5-9.

- ② **Icon area** displays the following icons.



ADD TONER icon displays when toner supply becomes low. See p. 10-2.



PM CALL icon displays when preventive maintenance is due. See p. 5-4.



FINISHER MODE icon displays when a specific finisher mode is selected. When Staple-sort mode is selected, this icon indicates the number of staples and staple position. See p. 3-28 to p. 3-31.



ROTATION icon displays when the Rotation automatically functions. See p. 7-9 to p. 7-10.

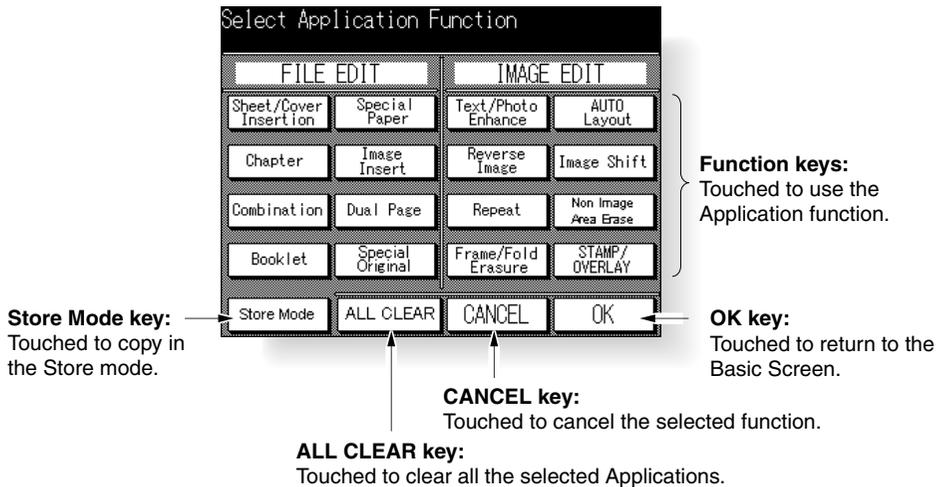
- ③ **Message area** displays the machine status and procedure required at that time.
- ④ **APPLICATION icon** displays when any application function is selected on the Application Selection Screen. See p. 8-2.

Touch Screens (continued)

- ⑤ **RESERVE key** is touched to select copy conditions for a subsequent job while the current scan/print job is in progress. See p. 3-22 to p. 3-23.
- ⑥ **JOB LIST key** is touched to view the current job status, to change the printing order of reserve jobs, or to cancel printing a reserve job. See p. 3-24 to p. 3-25.
- ⑦ **Job No. icon**  displays when  is pressed to start a reserve job of that number. Service can set the Job No. icon to display, instead of the job number, the page count while scanning originals and also the page number currently printed when printing job starts.
- ⑧ **COUNT/SET indicator** indicates the print quantity entered from the control panel keypad, and also indicates the print count on the left of the set count while printing. See p. 3-6.
- ⑨ **Memory indicator** indicates the remaining memory available for the next operation. See p. 3-21.
- ⑩ **SCAN key** is touched to start scanning originals when any copy condition which requires Store mode is selected, or Store mode is directly selected on the Application Selection Screen. See p. 3-18, and p. 3-20 to p. 3-21.
- ⑪ **Paper size/type indication area** displays the paper size loaded in each tray and paper type of the selected tray under the “SIZE” indication, if specified by the key operator. See p. 12-22.
- ⑫ **SIZE setting area** is used to select the desired paper size or APS. See p. 3-7 to p. 3-10.
- ⑬ **LENS setting area** is used to select the desired magnification ratio. See p. 3-11 to p. 3-13.
- ⑭ **DENSITY setting area** is used to specify the desired exposure level. See p. 3-14 to p. 3-15.
- ⑮ **MODE setting area** is used to select the copy mode (1▶1, 1▶2, 2▶1, or 2▶2). See p. 3-16 to p. 3-19.

■ Using Application Function (Application Selection Screen)

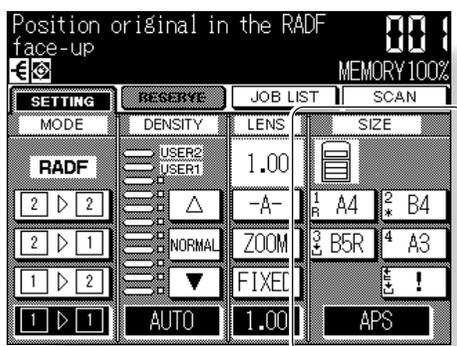
The Application Selection Screen displays when  is pressed on the control panel. 16 application function keys are provided on the screen. Touching a key displays a subsequent screen for specifying the selected function. (Touching Reverse Image, AUTO Layout, or Non-image Area Erase does not display a subsequent screen, but highlights the key on the screen.)



Sheet/Cover Insertion	Inserting Sheets and Covers: See p. 8-3
Chapter	Locating Title Pages on the Right Side: See p. 8-7
Combination	Lay Out Several Pages onto One Sheet: See p. 8-9
Booklet	Making a Multiple Page Signature Booklet: See p. 8-11
Special Paper	Copying onto OHP Films (OHP Interleaving): See p. 8-14
Special Paper	Copying onto Thin/Thick Paper (Thin/Thick Paper): See p. 8-16
Image Insert	Inserting Images into Printed Sets: See p. 8-18
Dual Page	Dividing an Image into Right and Left Pages: See p. 8-21
Special Original	Copying Mixed Size Originals (Mixed Original) : See p. 8-25
Special Original	Copying Folded Originals (Folded Original): See p. 8-27
Special Original	Copying Non-Standard Size Originals (Non-Standard Size): See p. 8-29
Special Original	Reverse the Second Side in 1 ► 2 Mode (Flip Side 2): See p. 8-31
Text/Photo Enhance	Making Copy Quality Closer to Originals: See p. 8-34
Reverse Image	Reversing Colour in Black and White Image: See p. 8-36
Repeat	Repeating Selected Image Area (Vert./Horiz. Mode): See p. 8-38
Repeat	Repeating Automatically or Selecting Repeating Times (AUTO/ Repeat Mode): See p. 8-41
Frame/Fold Erasure	Eliminating Black Copy Marks Along Borders: See p. 8-44
AUTO Layout	Copying Image in the Centre of Copy Paper: See p. 8-46
Image Shift	Creating Binding Margin: See p. 8-48
Non Image Area Erase	Erasing Outside of the Original: See p. 8-50
STAMP/OVERLAY	Printing Stamps or Watermarks onto Copies (Stamp): See p. 8-52
STAMP/OVERLAY	Printing Date/Time, Page Numbers or Numbering (Stamp): See p. 8-56
STAMP/OVERLAY	Overlying an Image onto Each Page Copied in the Job (Overlay): See p. 8-60

Loading Paper

When paper in a tray becomes empty, the indicator “” appears on the tray key. When the tray key with the indicator “” is touched, the indicator and paper size indication displayed on that key will start blinking.



Follow the procedure below to supply the empty tray with copy paper.

FOR DETAILS

When the Multi-sheet bypass tray is empty, “” will be displayed on the bypass tray key instead of the paper size indication.

HINTS

Key operator can set the machine to indicate the paper type for each tray when selected on the screen. See p. 12-22.

■ Loading Paper in Universal Tray

The capacity of the Universal tray is max. 500 sheets.

Main body tray: Tray 1
DB-208 trays: Tray 2, Tray 3, Tray 4
DB-208A tray: Tray 2
DB-608 tray: Tray 2

HINTS

See p. 2-2 to check positions of each tray.

1

Withdraw the tray to be supplied.

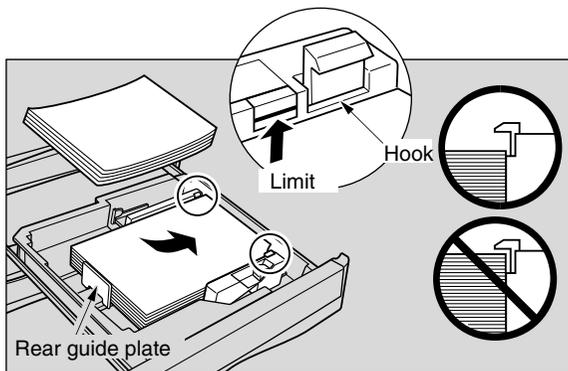
CAUTION

Do not withdraw the trays forcibly; otherwise you may be injured.

Loading Paper (continued)

2 Stack paper with curl side up.

Load paper aligning it to the right side of the tray.



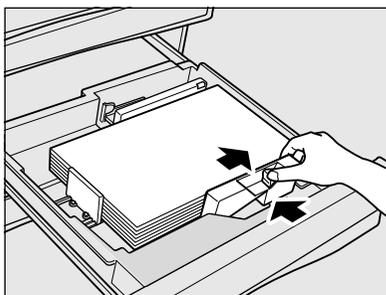
Do not load above the red line on the side guide plates.



Be sure that the rear guide plate is correctly positioned according to the paper size to be loaded; otherwise machine trouble may occur.

3 While pressing the release knob, move the side guide plate against the paper.

Release the release knob to lock the side guide plate.



Be sure that the side guide plate is securely aligned to the paper; otherwise the machine cannot detect the correct paper size.

4 Push in the tray until it locks into place.

The indicator "☒" on the tray key will disappear.

2 Machine Information

Machine Configuration

Turn On/Off the Power

Touch Screens

Loading Paper

Changing Paper Size

■ Loading Paper in LCT (Large Capacity Tray)

The capacity of the LCT is max. 1,500 sheets.

DB-608 tray: Tray 3



See p. 2-2 to check the tray position.

1

Withdraw the LCT.



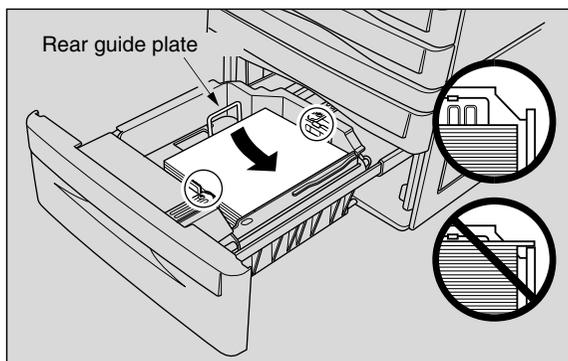
CAUTION

Do not withdraw the trays forcibly; otherwise you may be injured.

2

Stack paper with curl side up.

Load paper aligning it to the right side of the tray.



 Please Be Reminded!

Do not load paper above the hooks on the side guide plates.

 Please Be Reminded!

Be sure that the rear guide plate is correctly positioned according to the paper size to be loaded; otherwise machine trouble may occur.

3

Push in the tray until it locks into place.

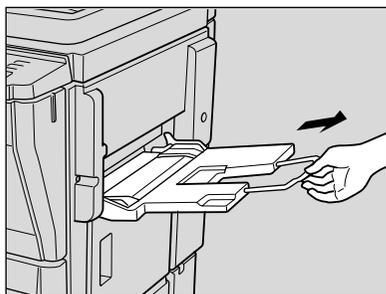
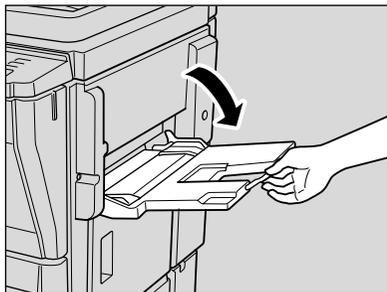
The indicator “” on the tray 3 key will disappear.

■ Loading Paper in Multi-sheet Bypass Tray

1

Open the Multi-sheet bypass tray located on the right side of the copier.

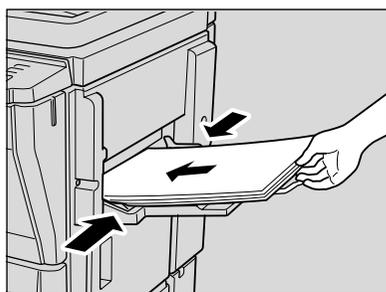
When loading A3, F4, or B4 paper, pull out the right edge to extend the tray.



2

Load copy paper, and adjust the paper guides to the paper size.

The indicators “!” and “⚠” on the Multi-sheet bypass key will disappear, and the loaded paper size will be indicated.



 **Please Be Reminded!**

Load OHP film or thin/thick paper one sheet at a time; or, stack paper, up to 100 sheets 80g/m².

3

When copying is completed, close the Multi-sheet bypass tray.

2
Machine
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Turn On/Off
the Power

Touch
Screens

Loading
Paper

Changing
Paper Size

Changing Paper Size of Universal Tray

The universal trays are user-adjustable. Change the paper size of the tray according to the procedure below.

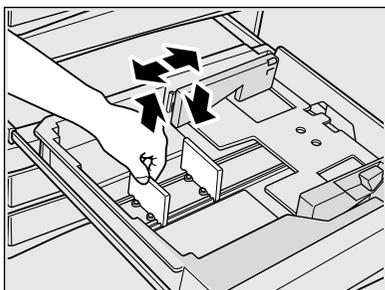
1 *Withdraw the tray of the size to be changed.*

! CAUTION

Do not withdraw the trays forcibly; otherwise you may be injured.

2 *Remove the rear guide plate, then insert it into the position designated for your desired paper size.*

The rear guide plate positions are marked on the tray base plate.

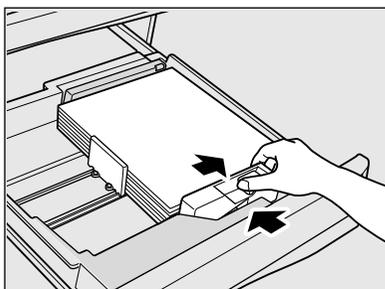


! Please Be Reminded!

Be sure to insert the rear guide plate into the position of the paper size to be set; otherwise machine trouble may occur.

3 *Stack paper, then move the side guide plate against the paper.*

Release the release knob to lock the side guide plate.



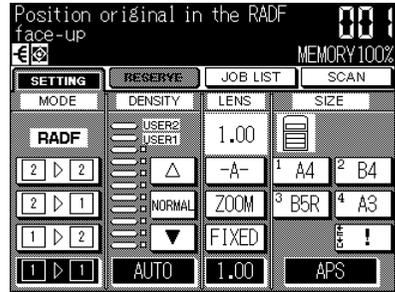
! Please Be Reminded!

Be sure that the side guide plate is securely aligned to the paper; otherwise the machine cannot detect the correct paper size.

4 *Push in the tray until it locks into place.*

The tray key on the Basic Screen will indicate the paper size currently specified.

SECTION 3



Copying Operations

How to Make a Basic Copy

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3 Copying Operations

Positioning
Originals

Setting
Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using
Memory

Output without
Finisher

FS-109
Output Modes

Check Mode
& Proof Copy

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Mode

Positioning Originals

■ Positioning Originals in RADF

The document feeder (RADF) automatically feeds up to 50 originals directly to the platen area, starting with the top sheet. The RADF should only be used for unstapled, smooth, flat originals.

Positioning originals in Normal mode

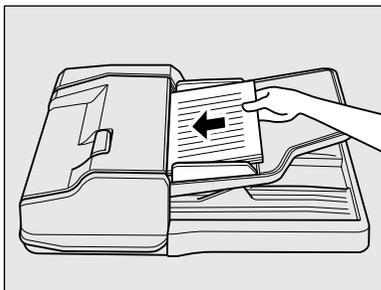
1

Arrange originals in order.

2

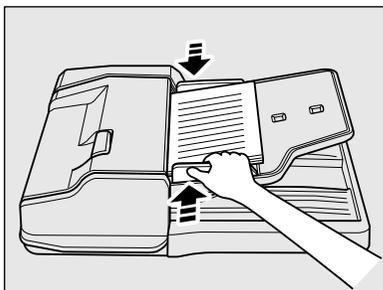
Position original(s) FACE UP in the document feeder tray.

Place two-sided originals with page one FACE UP. Up to 50 originals can be set at a time.



3

Adjust paper guides.



Please Be Reminded!

- Before placing originals in the tray, be sure the document feeder is closed fully.
- Be sure not to use unsuitable RADF originals. See p. 9-5 for details.

Please Be Reminded!

- Do not set more than 50 originals; otherwise a paper misfeed will occur.
- If the number of originals exceeds 50, divide them into blocks not exceeding 50 sheets, then load them from the block with the first page. See p. 3-20.

Positioning Originals (continued)

Positioning originals in Mixed original mode

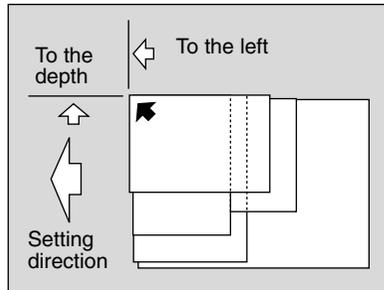
Mixed size originals can be copied together from the document feeder.

To use the Mixed original mode, see procedure on p. 8-25 to p. 8-26.

1

Arrange originals in order.

Arrange the mixed size originals as illustrated below.



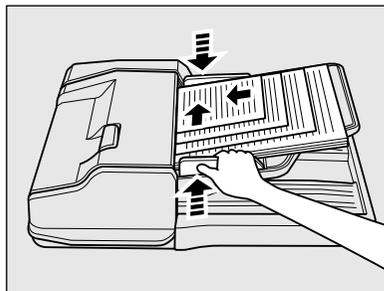
2

Position mixed originals FACE UP, aligned with the left rear side of the document feeder tray.

Place two-sided originals with page one FACE UP. Up to 50 originals can be set at a time.

3

Adjust paper guides.



Please Be Reminded!

- Before placing originals in the tray, be sure the document feeder is closed fully.
- Be sure not to use unsuitable RADF originals. See p. 9-5 for details.



See p. 9-6 for available combinations of mixed originals.

3

Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Positioning Originals (continued)

Positioning originals in Folded original mode

Folded original mode detects the folded original size without using the size detection sensor of the RADF. To use the Folded original mode, see procedure on p. 8-27 to p. 8-28.

1

Arrange originals in order.

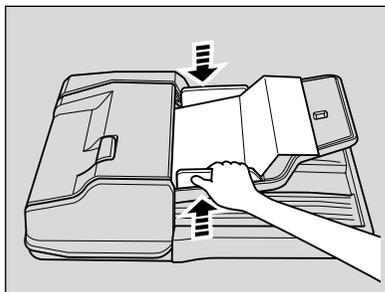
2

Position original(s) FACE UP in the document feeder tray.

Place two-sided originals with page one FACE UP. Up to 50 originals can be set at a time.

3

Adjust paper guides.

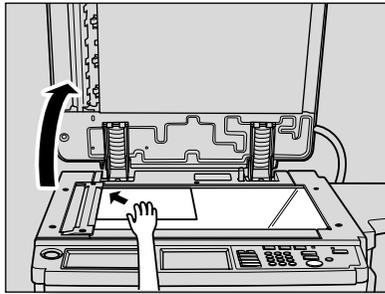


Please Be Reminded!

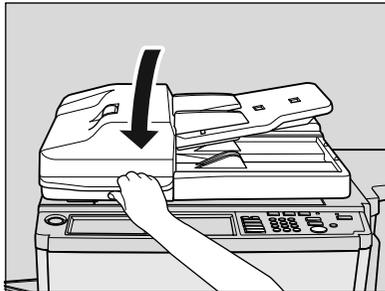
- Before placing originals in the tray, be sure the document feeder is closed fully.
- Be sure not to use unsuitable RADF originals. See p. 9-5 for details.

■ Positioning Original on Platen Glass

- 1** *Raise the document feeder.*
- 2** *Place original **FACE DOWN** in the left rear corner, aligning the edge with the left measuring guide.*



- 3** *Gently close the document feeder to prevent the original from shifting on the glass.*



Please Be Reminded!

When selecting Dual Page, AUTO mode in Repeat, or Non-image Area Erase, **DO NOT CLOSE** the document feeder. For details on each function, see Section 8.

⚠ CAUTION

Do not insert your finger into the two RADF hinge portions, otherwise you may be injured.

⚠ CAUTION

Do not place too heavy originals, or do not press strongly when thick original is placed and is under pressure of RADF; otherwise the glass may be broken and you may be injured.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

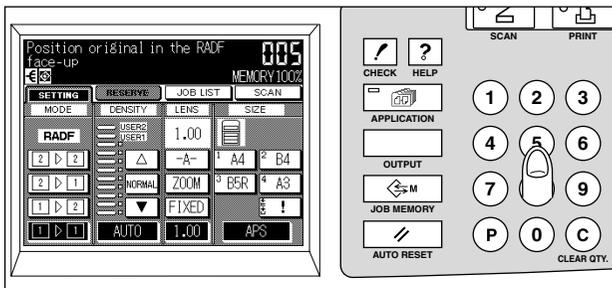
Setting Print Quantity

This section describes how to set or change print quantity.

■ To Set Print Quantity

The copier is initially set to copy the original set in amounts determined by the print quantity setting, then outputs sorted sets.

- 1** Enter the desired print quantity from the control panel keypad.

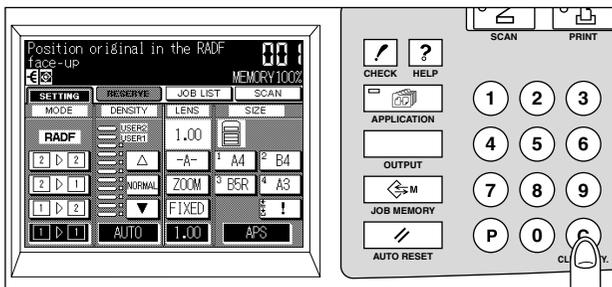


Entered quantity will be displayed on the touch panel.

■ To Change Print Quantity

Follow the procedure below to change the print quantity which has been already entered.

- 1** Press **C** .
CLEAR QTY.



The quantity displayed on the touch panel will return to 1.

- 2** Enter the correct quantity.
Entered quantity will be displayed on the touch panel.

Selecting Paper Size

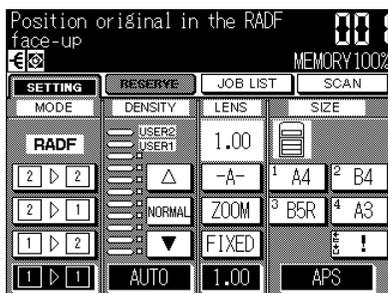
To select an appropriate paper size for getting your desired copy result, use APS (Automatic Paper Selection), or select paper size manually on the touch screen, as required.

■ To Select Paper Size Automatically (APS)

APS detects the size of originals placed on the RADF or platen glass and automatically selects and feeds copy paper of the same size, or selects an appropriate size according to the magnification ratio selected.

1 *Touch to highlight **APS** at lower right corner of the Basic Screen.*

APS is already highlighted when the initial settings are restored.



2 *Select additional copy conditions, as desired.*

3 *Enter the desired print quantity from the control panel keypad.*

4 *Position original(s).*



See the table on the following page for the relation of original size, magnification ratio and copy paper size.



The initial settings may have been altered by Key operator. See p. 12-6 to p. 12-11.



See p. 3-6 for details on setting print quantity.



- See p. 9-5 to p. 9-6 for paper sizes detectable from the RADF or on the platen glass.
- See p. 3-2 to p. 3-5 for details on positioning originals.
- Key operator can deactivate APS when original is set in the RADF or on the platen glass. See p. 12-34 to p. 12-37.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Selecting Paper Size (continued)

5

Press  **START**

Scanned image will be printed on the paper size automatically selected.

FOR DETAILS

- If the appropriate copy paper is not loaded in any tray, no copying will be performed, and a message will prompt you to load the appropriate paper.
- Copy result may not be satisfactory due to the Rotation function. In this case, set the function OFF manually. See p. 7-9 to p. 7-10.

FOR DETAILS

See the table below for the relation of original size, magnification ratio and copy paper size.

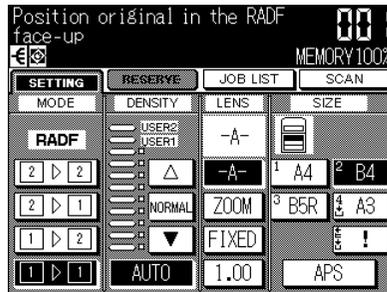
Paper size		Original size									Paper size							
		A3	B4	A4R	A4	B5R	B5	A5R	A5	B6R								
Magnification ratio	0.25 - 0.42	B6R	B6R	B6R	B6R	B6R	B6R	B6R	B6R	B6R	0.25 - 0.42	Magnification ratio						
	0.43 - 0.50	A5R									0.43 - 0.50							
	0.51 - 0.57	B5R (B5)									0.51 - 0.57							
	0.58 - 0.61	A4R(A4)	B5R (B5)	0.58 - 0.61														
	0.62 - 0.71		A5R	A5	0.62 - 0.71													
	0.72 - 0.77	B4	A4R (A4)	B5R (B5)	B5 (B5R)	A5R	A5	0.72 - 0.77										
	0.78 - 0.82		B4	A4R (A4)	A4 (A4R)	B5R (B5)	B5 (B5R)	0.78 - 0.82										
	0.83 - 0.86					A5R	A5	0.83 - 0.86										
	0.87 - 0.89	A3	B4	B4	B4	A4R (A4)	A4 (A4R)	B5R (B5)	B5 (B5R)	A5R	A5		0.87 - 0.89					
	0.90 - 1.00					A3	A3	A3	A3	A3	A3		A3	0.90 - 1.00				
	1.01 - 1.10		A3	A3	A3									A3	A3	A3	A3	1.01 - 1.10
	1.11 - 1.15					A5R (A5)	B5R (B5)	B5R (B5)	B5R (B5)	B5R (B5)	B5R (B5)		B5R (B5)					1.11 - 1.15
	1.16 - 1.22																	A4R(A4)
	1.23 - 1.41		A3	A3	A3	A3	A3	A3	A3	A3	A3		A3	1.23 - 1.41				
	1.42 - 1.63													A4R(A4)	1.42 - 1.63			
	1.64 - 1.73													B4	B4	B4	1.64 - 1.73	
1.74 - 2.00	B4											1.74 - 2.00						
2.01 - 4.00	A3		A3	A3	A3	2.01 - 4.00												

() : when Rotation functions

■ To Specify Desired Paper Size (AMS)

When a paper size is specified on the touch screen, an appropriate ratio will be selected automatically according to the original size detected from the RADF or the platen glass.

- 1 **Touch a tray key on the Basic Screen to select the desired paper size.**



Selected tray key will be highlighted, and **-A-** under the LENS indication will also be highlighted.

- 2 **Select additional copy conditions, as desired.**

- 3 **Enter the desired print quantity from the control panel keypad.**

- 4 **Position original(s).**

- 5 **Press  .**

Scanned image will be printed on the specified paper size in the magnification ratio automatically selected.



See the table on the following page for the relation of original size, copy paper size, and magnification ratio automatically selected.



If copying in 1.00 (100%) magnification mode with specifying a paper size is desired, see p. 3-11.



See p. 3-6 for details on setting print quantity.



- See p. 9-5 to p. 9-6 for paper sizes detectable from the RADF or on the platen glass.
- See p. 3-2 to p. 3-5 for details on positioning originals.



Copy result may not be satisfactory due to the Rotation function. In this case, set the function OFF manually. See p. 7-9 to p. 7-10.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Selecting Paper Size (continued)



See the table below for the relation of original size, copy paper size, and magnification ratio automatically selected.

		Original size								
		A3	B4	F4	A4	A4R	B5	B5R	A5	A5R
Paper size	A3	1.00	1.15	1.27	1.00	1.42	1.15	1.64	1.42	2.00
	B4R	0.86	1.00	1.10	0.86	1.22	1.00	1.42	1.22	1.73
	A4	0.49 (0.70)	0.57 (0.81)	0.64 (0.90)	1.00 (0.70)	0.70 (1.00)	1.15 (0.81)	0.81 (1.15)	1.42 (1.00)	1.00 (1.42)
	A4R	0.70	0.81	0.90	0.70 (1.00)	1.00	0.81 (1.15)	1.15	1.00	1.42
	B5	0.42 (0.60)	0.49 (0.70)	0.55 (0.78)	0.86 (0.60)	0.60 (0.86)	1.00 (0.70)	0.70 (1.00)	1.22 (0.86)	0.86 (1.22)
	B5R	0.60	0.70	0.78	0.60 (0.86)	0.86	0.70 (1.00)	1.00	0.86	1.22
	A5	0.35	0.40	0.45	0.70	0.49	0.81	0.57	1.00	0.70
	A5R	0.49	0.57	0.64	0.49	0.70	0.57	0.80	0.70	1.00

() is the magnification ratio of the Image rotation.

Selecting Magnification Ratio (Lens Mode)

When the copier is turned ON, the magnification ratio is set to 1.00 (100%) automatically on the Basic Screen.

Follow each procedure described in this section to select the desired magnification ratio.

■ To Copy in 1.00 Magnification Mode

Follow this procedure to make a 100% copy of the original image.

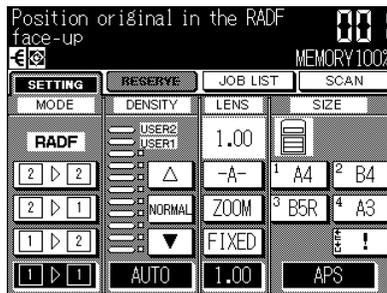
1

Close the RADF securely, then press



AUTO RESET

The initial settings are restored. Check that **1.00** is highlighted to indicate that the 1.00 magnification is selected.



2

Select additional copy conditions, as desired.

3

Enter the desired print quantity from the control panel keypad.

4

Position original(s).

5

Press  **START**.



The initial settings may have been altered by Key operator. See p. 12-6 to p. 12-11.



Specifying paper size will release 1.00 magnification and set AMS (**-A-**) automatically.

In this case, touch **1.00** to highlight it again.



See p. 3-6 for details on setting print quantity.



See p. 3-2 to p. 3-5 for details on positioning originals.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

■ To Copy in Fixed Magnification Mode (FIXED)

Use the 6 preset ratios (0.71, 0.82, 0.86, 1.15, 1.22, 1.41) and 3 userset ratios to increase or decrease magnification in fixed amounts.

Specification for Fixed Magnification Mode

- ❑ Incompatible Conditions: AMS, Repeat mode in Repeat, Reduce & Shift in Image Shift

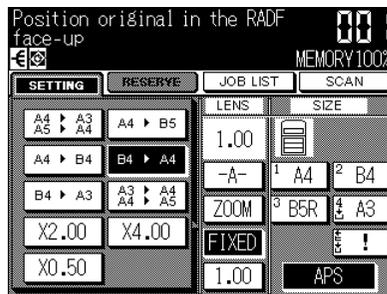
1

Touch FIXED on the Basic Screen.

The popup menu for selecting the desired preset/ userset ratio will be displayed.

2

Select the desired magnification.



3

Select additional copy conditions, as desired.

4

Enter the desired print quantity from the control panel keypad.

5

Position original(s).

6

Press  .
START

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .
AUTO RESET

FOR DETAILS

Touching any key on the popup menu will momentarily highlight that key, then the popup menu will disappear automatically.

The selected ratio will be displayed on the Basic Screen.

HINTS

Three userset ratios are adjustable by the key operator. See p. 12-13.

HINTS

See p. 3-6 for details on setting print quantity.

HINTS

See p. 3-2 to p. 3-5 for details on positioning originals.

■ To Copy in Zoom Mode

Use the Zoom mode to reduce or enlarge the copied original image in 1% increments.

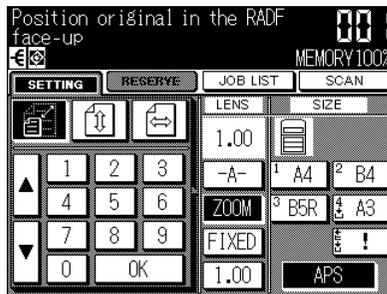
Specification for Zoom Mode

- ❑ Incompatible Conditions: AMS, Repeat mode in Repeat, Reduce & Shift in Image Shift

1 Touch **ZOOM** on the Basic Screen.

The popup menu for setting a zoom ratio will be displayed.

2 Touch  on the popup menu, if not highlighted, then set the desired zoom ratio.



3 Touch **OK**.

The popup menu disappears automatically and the specified zoom ratio will be displayed on the Basic Screen.

4 Select additional copy conditions, as desired.

5 Enter the desired print quantity from the control panel keypad.

6 Position original(s).

7 Press .

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .

FOR DETAILS

Use the keypad on the popup menu to enter the desired reduction or enlargement ratio in 3 digits; or use arrows (▲ / ▼) to scroll to the desired ratio. If an incorrect ratio is entered, continue by entering the correct 3-digit ratio.

HINTS

See p. 3-6 for details on setting print quantity.

HINTS

See p. 3-2 to p. 3-5 for details on positioning originals.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

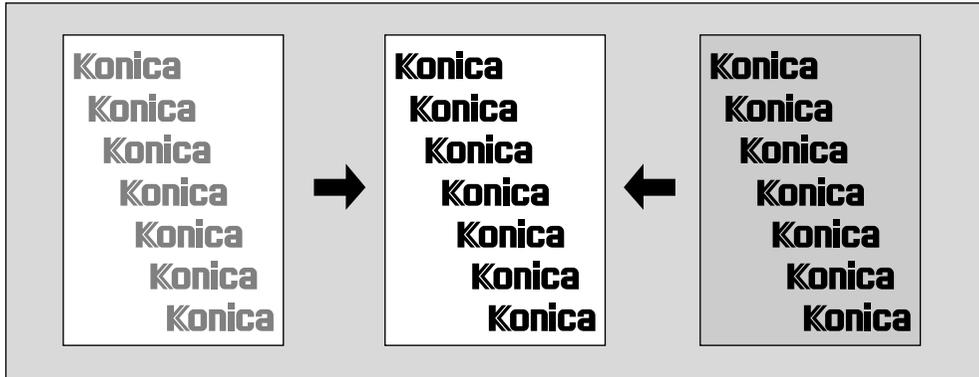
FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Selecting Density Level

Automatic Exposure (AE) operates with the initial settings. It detects the density of the original image and automatically selects the appropriate exposure for the copy.



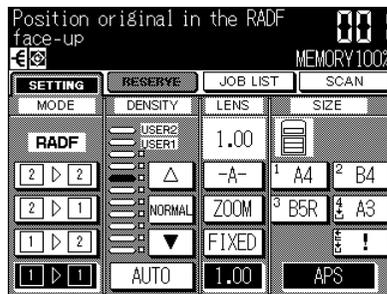
To Select Copy Density

Select manual copy density to adjust exposure (density) when originals are too light or too dark. Manual adjustments can be made in 9 levels on the Basic Screen.

- 1** Touch  to darken, or touch  to lighten the copy image.
Highlight the desired exposure level indicator.

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .



FOR DETAILS

- Touch  to select the middle density level.
- To select the userset density USER1 or USER2, touch  to highlight each indicator.
- When resuming AE, touch .

- 2** Select additional copy conditions, as desired.

HINTS

See p. 12-12 to set the userset density.

- 3** Enter the desired print quantity from the control panel keypad.

HINTS

See p. 3-6 for details on setting print quantity.

Selecting Density Level (continued)

4 *Position original(s).*



See p. 3-2 to p. 3-5 for details on positioning originals.

5 *Press*  **START**.



Density Shift

Key operator can set the copier to shift each of nine density levels into two levels of lighter and three levels of darker. This function can be set to be used in combination with each mode in Text/Photo Enhance other than the general mode. See p. 12-40.

3 Copying Operations

Positioning
Originals

Setting
Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using
Memory

Output without
Finisher

FS-109
Output Modes

Check Mode
& Proof Copy

Interrupt
Mode

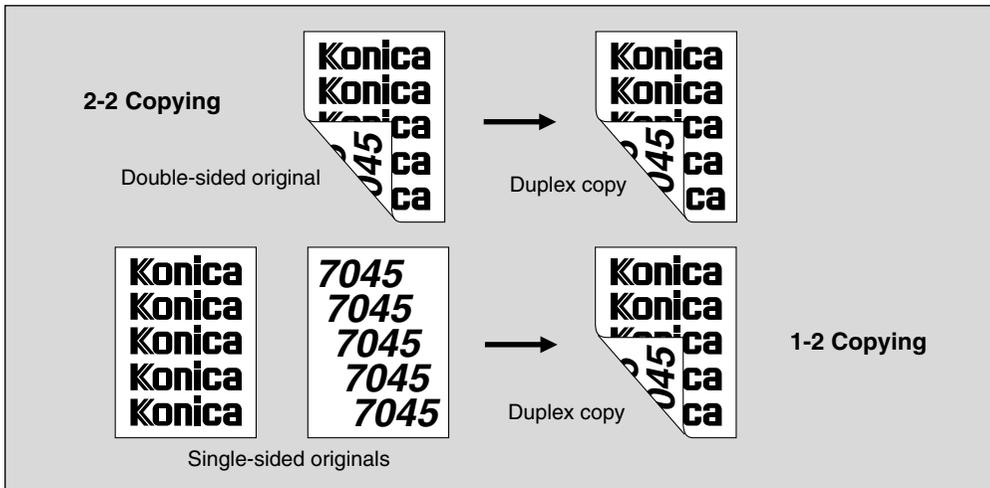
Making Double-Sided Copy (1 ▶ 2, 2 ▶ 2)

The Basic Screen is initially set to 1 ▶ 1 copy mode to make single-sided copies from single-sided originals.

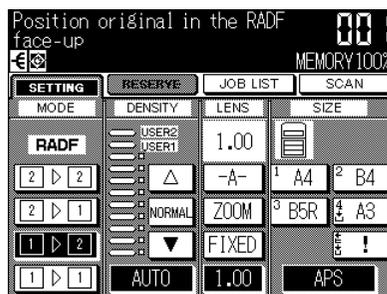
Follow the procedure below to make double-sided copies from the originals scanned from the document feeder or from the platen glass.

■ Using RADF

Select the copy mode according to the original type (single-sided or double-sided).



1 Touch **1 ▶ 2** or **2 ▶ 2** on the Basic Screen to highlight it.



2 Select additional copy conditions, as desired.

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .

FOR DETAILS

Some incompatible conditions may automatically release the selected copy mode. In this case, arrange all the settings to be compatible with the selected copy mode.

Making Double-Sided Copy (1 ▶ 2, 2 ▶ 2) (continued)

3

Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

4

Position originals FACE UP in the document feeder.



- See p. 3-2 to p. 3-4 for details on positioning originals.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

5

Press  **.**

The machine starts to scan originals, then to print duplex copies when ready for output.



Press  to suspend the scanning or printing job.



CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

■ Using Platen Glass

Use the platen glass to scan originals unsuitable for the document feeder.

- Use the Platen store mode.
- See p. 9-5 for the information on unsuitable RADF originals.
- Incompatible Conditions: Image Insert, OHP Interleaving

1

Position original FACE DOWN on the platen glass.

Be sure to start from the first page.



When starting a new copying job, be sure to close the RADF securely, then press  **.**



- See p. 9-5 for paper sizes detectable on the platen glass.
- See p. 3-5 for details on positioning originals.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

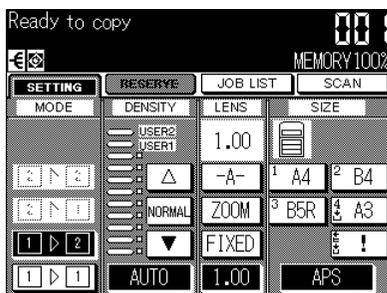
Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

- 2** Touch  on the Basic Screen to highlight it.



 Please Be Reminded!

DO NOT press  at this point, otherwise the platen mode will be released to disable the copier from scanning the original placed on the platen glass.

 FOR DETAILS

- 3** Select additional copy conditions, as desired.

- 4** Enter the desired print quantity from the control panel keypad.

- 5** Touch  on the Basic Screen.

The front side image of the double-sided copy will be scanned into memory.

- 6** Replace the original on the platen glass with the back side image original, then touch .

- 7** Press .

All the data in memory will be output.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

Some incompatible conditions may automatically release the selected copy mode.

In this case, arrange all the settings to be compatible with the selected copy mode.

HINTS

See p. 3-6 for details on setting print quantity.

 FOR DETAILS

Repeat this step until all originals are scanned.

Memory indicator on the upper right of the Basic Screen allows you to check the remaining memory.

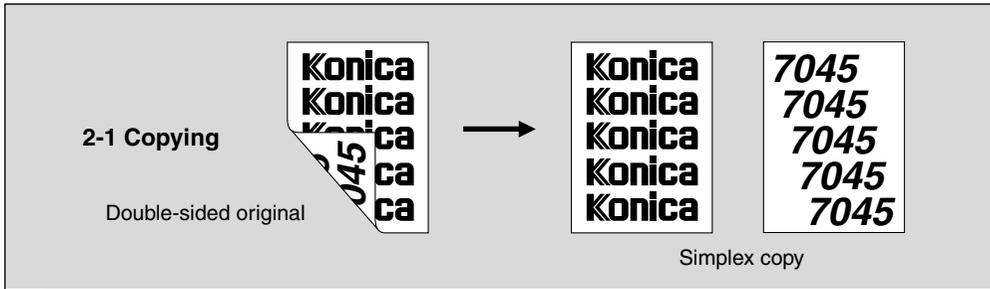
To delete the scanned data without printing, press .

 FOR DETAILS

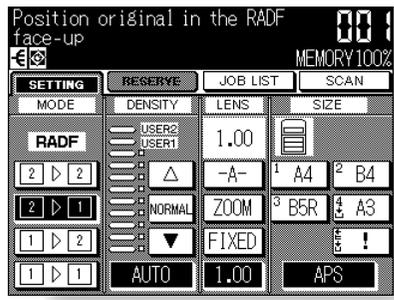
Press  to suspend the printing job.

Making Single-Sided Copy from Double-Sided Originals (2▶1)

Use RADF and select 2▶1 copy mode to make single-sided copies from double-sided originals.



1 Touch **2 ▶ 1** on the Basic Screen to highlight it.



Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .

2 Select additional copy conditions, as desired.

3 Enter the desired print quantity from the control panel keypad.

4 Position originals **FACE UP** in the document feeder.

5 Press .

The machine starts to scan originals, then to print simplex copies when ready for output.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

Some incompatible conditions may automatically release the selected copy mode. In this case, arrange all the settings to be compatible with the selected copy mode.

HINTS

See p. 3-6 for details on setting print quantity.

HINTS

- See p. 3-2 to p. 3-4 for details on positioning originals.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

FOR DETAILS

Press to suspend the scanning or printing job.

3 Copying Operations

- Positioning Originals
- Setting Print Quantity
- Paper Size
- Lens Mode
- Density
- 1▶2, 2▶2
- 2▶1
- Using Memory
- Output without Finisher
- FS-109 Output Modes
- Check Mode & Proof Copy
- Interrupt Mode

Copying Using Memory

This section describes various copying features available on this machine using built-in memory.

■ To Scan Originals into Memory (Store Mode)

Store mode allows you to scan all the originals first, then to start continuous printing job.

Use RADF store mode for scanning large amount of originals.

Use Platen store mode for originals that cannot be fed through the document feeder due to thickness, size or condition.

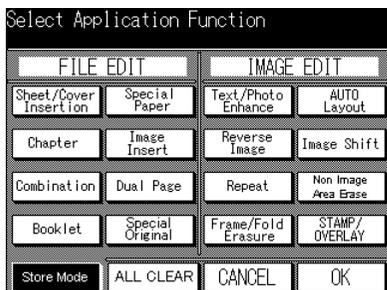
Incompatible Condition: Image Insert

1

Press  on the control panel.

2

Touch **Store Mode** on the Application Selection Screen to highlight it.



3

Make additional application selections, as desired.

4

Touch **OK** to return to the Basic Screen.

5

Select additional copy conditions, as desired.



RADF capacity is 50; however, more than 50 originals can be scanned into memory using RADF store mode.



When starting a new copying job, be sure to close the RADF securely, then press  .

Copying Using Memory (continued)

6 Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

7 Position original(s).

Using platen glass:

Place original FACE DOWN. Start scanning from the first page.

Using RADF:

Position originals FACE UP.

If the number of originals exceeds 50, divide them into blocks not exceeding 50 sheets and load them from the block with the first page.

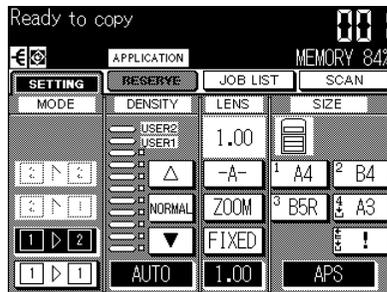


When Dual Page, Non-Image Area Erase, Auto detection mode of Repeat, or AUTO Layout is selected, keep the RADF open throughout the procedure.



See p. 3-2 to p. 3-5 for details on positioning originals.

8 Touch **SCAN** on the Basic Screen.



Repeat steps **7** and **8** until all originals are scanned. Memory indicator on the upper right of the Basic Screen allows you to check the remaining memory.

To delete the scanned data without printing, press .



Should memory overflow occur frequently, it is recommended that you contact your Konica service centre to extend the memory capacity in your machine.

9 Press .

All the data in memory will be output.



Press to suspend the printing job.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

■ To Set Next Copying Job (Reserve)

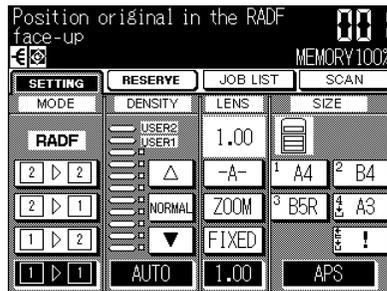
The Reserve function allows you to set up a new job while a current (scan/print) job is in process. When the current job is finished, the Reserve job starts printing immediately.

Specifications for Reserve

- ❑ Job settings: Max. 5 (current job plus 4 reserve jobs)
- ❑ When the current job is under Store mode, Image insert, or Dual page, the reserve job setting will be available after the copier starts to print the current job.
- ❑ Incompatible Conditions: Interrupt copying, Scanning in Store mode, Proof copy

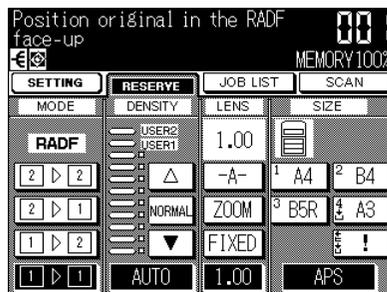
1 Press  **to start scanning/printing for the current job.**

RESERVE will become active to show that the reserve job setting is now available.



2 Touch **RESERVE** to highlight it.

The Reserve Job Setting Screen will be displayed. On the Reserve Job Setting Screen, all keys on the LCD and control panel will function for the reserve job.



3 *Select copy conditions for the reserve job, as desired.*



When trouble occurs while setting the reserve job, the **SETTING** on the Basic Screen will change to **JAM** or **ADD PAPER**. See p. 5-7 to p. 5-9.

4 *Position original(s) after completing to scan for the current job.*



See p. 3-2 to p. 3-5 for details on positioning originals.

5 *Press  to start scanning for the reserve job.*

When completed, the Basic Screen for the current printing job will be restored.



When setting more than one reserve job, the next reserve job setting will be available after the copier starts to scan for the previous reserve job.

6 *Copying on the reserve job will start automatically after completing the current job.*

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

■ To Check/Control Jobs in Progress (Job List)

The Job List Screen allows you to perform the following functions.

- Confirm machine status
- Change order of reserve job
- Delete reserve job

1 Touch **JOB LIST** on the Basic Screen.

The Job List Screen will be displayed.
Check the current status of the machine.

2 Perform the desired setting on the screen.

JOB NO.	MODE	STATUS	TOTAL PAGE(S)	MINUTE(S)
			PAGE(S) LEFT	TO GO
002	COPIER	Scanning	1	----
003	COPIER	Waiting	1	----
004	COPIER	Waiting	1	----



See the next page for details of the screen.

To change the order of reserve job:

Touch or to highlight the desired reserve job, then touch **ADVANCE**.

The highlighted reserve job is advanced in printing order next to the job in progress.

To clear reserve job:

Touch or to highlight the desired reserve job, then touch **DELETE**. The Job Clear Confirmation Screen will be displayed.

Touch **YES**, then **OK**. The highlighted reserve job will be cleared.

3 Touch **OK**.

The Basic Screen will be restored.



Contents of Job List Screen

NO. : Displays the No. (001-999) for each job assigned to the machine.

MODE: Displays the machine's current mode of operation. Three modes are listed below.
COPIER
PRINTER
SCANNER

STATUS: Displays the current status of the machine for each job.

ERROR : Error in each mode
PRINTING : Printing in each mode
NO PAPER : No paper in copy/print mode
STOP : Stop in each mode
JAM : Jam in each mode
SCANNING : Scanning original(s) in copy mode
WAITING : Waiting to be output
NOTICE : Notice message displayed

TOTAL PAGE(s): Displays the number of scanned pages for each job. (0 to 999)

PAGE(s) LEFT: Displays the remaining copy count of the job.
0 to 999
Copy count
= No. of scanned pages x Print quantity

MINUTE(s) TO GO: Displays the time (in minutes) required for completing the job.
Shorter than 1 minute: <1
2 ~ 999



The time displayed is an approximation and may take slightly longer.

3

Copying
Operations

Positioning
Originals

Setting
Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using
Memory

Output without
Finisher

FS-109
Output Modes

Check Mode
& Proof Copy

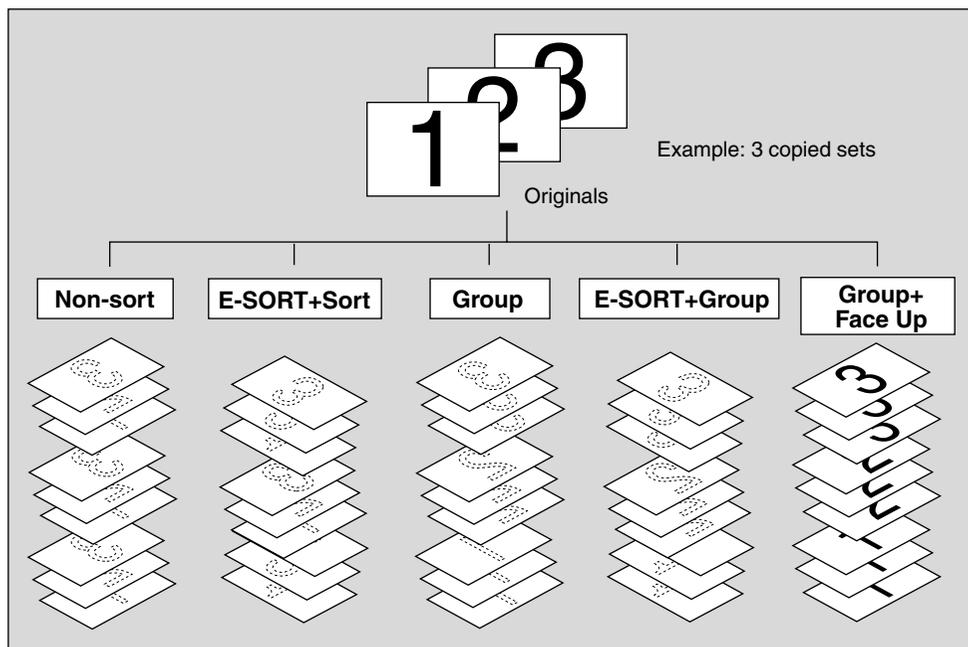
Interrupt
Mode

Output Mode for Machine without Finisher

This section describes the output modes for a copier without the Finisher. The Non-sort mode is initially selected.

- ① **Non-sort** mode copies the original set in amounts determined by the print quantity setting, then outputs sorted sets normally.
- ② **E-SORT+sort** mode rotates every other sorted sets by 90° upon exit, provided the same paper size is loaded in two trays, one tray with paper loaded in portrait orientation and the other tray with paper loaded in landscape orientation, e.g., A4 and A4R.
- ③ **Group** mode copies each original page in amounts determined by the print quantity setting, then outputs grouped sets normally.
- ④ **E-SORT+group** mode rotates every other grouped set by 90° upon exit, provided the same paper size is loaded in two trays, one tray with paper loaded in portrait orientation and the other tray with paper loaded in landscape orientation, e.g., A4 and A4R.

Using **Face Up** mode in combination with the above four modes, simplex copies and odd numbered duplex copies exit face up on the exit tray.



1

Load copy paper.

When using E-SORT+Sort or E-SORT+Group mode, load the same paper size into two trays in different orientation.

2

Press  on the control panel.

Please Be Reminded!

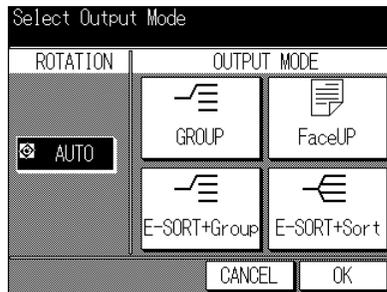
When starting a new copying job, be sure to close the RADF securely, then press  .

Output Mode for Machine without Finisher (continued)

3

Select the desired output mode.

Touch the desired key on the Output Mode Screen.



To select Non-sort mode, de-select all the keys.



Non-sort mode is initially selected. Key operator can change the initial output mode from Non-sort to E-SORT+Sort or E-SORT+Group. See p. 12-10.

4

Touch .

The Basic Screen will be restored.

5

Select additional copy conditions, as desired.

6

Enter the desired print quantity from the control panel keypad.



See p. 9-2 to be sure that the exit tray capacity is not exceeded.



See p. 3-6 for details on setting print quantity.

7

Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.



See p. 3-2 to p. 3-5 for details on positioning originals.

8

Press .



CAUTION

When the paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.



Press  to suspend the scanning or printing job.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Output Mode for Machine with Finisher FS-109

Finisher FS-109 is initially equipped with three exit trays.
Each exit tray provides the output modes as described below.

TRAY 2 or TRAY 3

- ① **Non-sort** mode simply means that the offset-stacker finisher modes are not selected. Copies will be stacked upon exit without being offset by sorted sets.
- ② **Sort** mode outputs multiple copies of the original set, having each sorted set offset by 30mm upon exit.
- ③ **Staple** mode offsets and staples each sorted set. Up to 50 sheets (or within 5mm thick) can be stapled.
- ④ **Group** mode groups together multiple copies of each original and offsets the sets by 30mm upon exit.

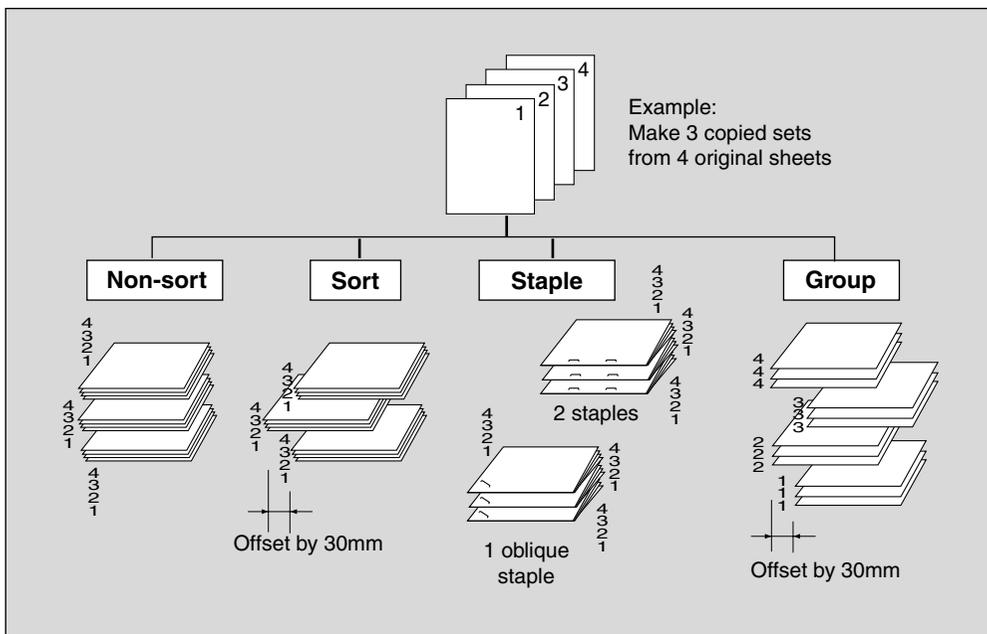
TRAY 1

Face Up mode outputs simplex copies and odd numbered duplex copies face up on the TRAY 1. This mode is incompatible with selecting TRAY 2, TRAY 3, **Sort** mode, or **Staple** mode.

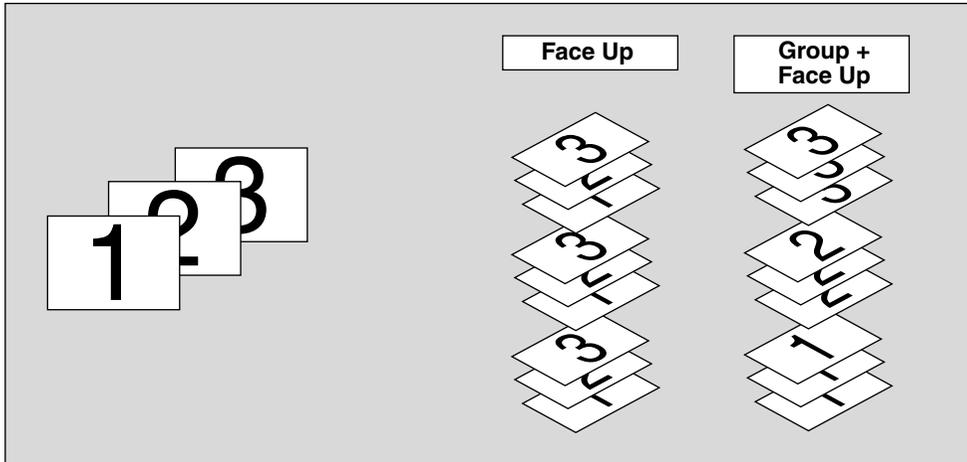
The copier is initially set to output to TRAY 2 in Sort mode.

Follow the procedure on the next page to change the output mode, as desired.

- Incompatible with Sort mode: Using platen glass (unless Platen store mode is used), OHP Interleaving, Special Original (Mixed Original with APS), Repeat, AUTO Layout, Non-Image Area Erase
- Incompatible with Staple mode: Using platen glass (unless Platen store mode is used), Booklet, OHP Interleaving, Special Original (Mixed Original with APS), Repeat, AUTO Layout, Non-Image Area Erase
- Incompatible with Group mode: Proof Copy, Sheet/Cover Insertion, Booklet, OHP Interleaving, Image Insert, Repeat, AUTO Layout, Non-Image Area Erase
- Incompatible with Face Up mode: Staple



Output Mode for Machine with Finisher FS-109 (continued)

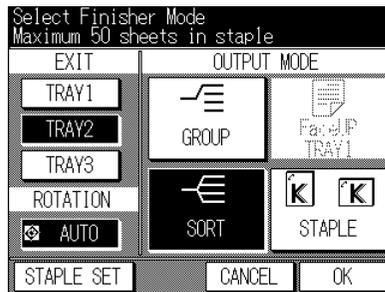


1 Press  on the control panel.

2 Select the desired exit tray.
Touch to highlight the desired exit tray key in the EXIT area.

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .



To set Non-sort, Sort, or Group mode:
Select TRAY 2 or TRAY 3, then proceed to step **3**.

To set Staple mode:
Select TRAY 2 or TRAY 3, then proceed to step **4**.

To set Face Up mode:
Select TRAY 1, then proceed to step **6**.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Output Mode for Machine with Finisher FS-109 (continued)

3

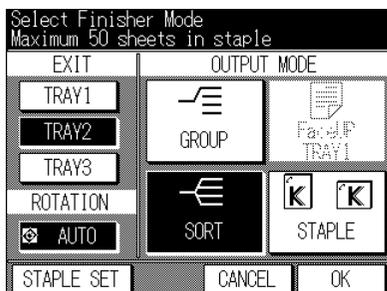
Select the desired output mode.

Touch to highlight the desired output mode key in the OUTPUT MODE area.

To select Non-sort mode, deselect all the keys.



Key operator can change the initial output mode. See p. 12-10.



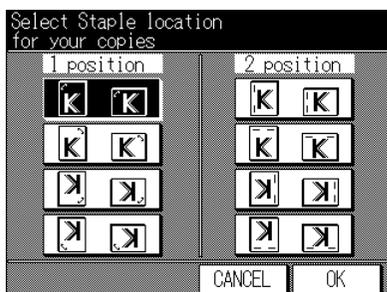
Proceed to step 7.

4

Touch **STAPLE SET**.

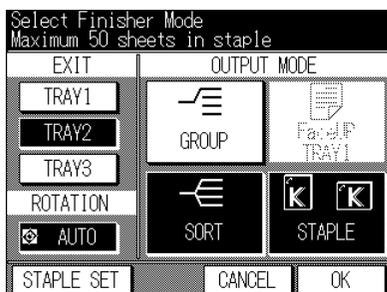
5

Select the desired staple position, then touch **OK**.



The Output Mode Screen will be restored, with SORT and STAPLE keys highlighted automatically.

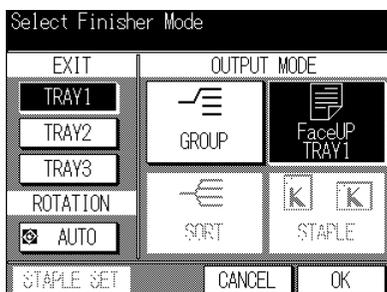
Proceed to step 7.



6

Select the desired output mode.

Touch to highlight the desired output mode key in the OUTPUT MODE area.



7

Touch **OK**.

The Basic Screen will be restored.

8

Select additional copy conditions, as desired.

9

Enter the desired print quantity from the control panel keypad.

10

Position original(s).

11

Press .

CAUTION

When the finisher exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

When TRAY 1 is selected, the SORT and STAPLE mode keys are dimmed to show inactivity. Touch FaceUP TRAY1, or touch both FaceUP TRAY1 and GROUP to specify the output mode.

FOR DETAILS

The finisher mode icon (Non-sort: None, Sort: , Group: , Staple: , Face Up: ) or staple position icon appears/disappears in the message area of the screen to indicate the selected output mode.

HINTS

See p. 9-3 to be sure that the finisher capacity is not exceeded.

HINTS

See p. 3-2 to p. 3-5 for details on positioning originals.

FOR DETAILS

Press  to suspend the scanning or printing job.

3

Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Checking Feature Selections and Proof Copying

Use the Check mode to confirm copying selections before starting print operation. In this mode, use Proof copy to produce a sample of the copied set before making multiple copies. This is a convenient and cost effective way of viewing the results of the following copying selections.

- Copying conditions using Store mode
- Sheet/Cover insertion
- Chapter
- Combination
- Booklet
- Image insert
- Dual page

Specifications for Check Mode and Proof Copy

- Proof copy is available when using RADF, or Platen store mode for multiple originals.
- Proof copy cannot be used for testing the Userset density.
- Proof copy is unavailable with Group.

1

Select the desired copy conditions and enter the desired print quantity.

2

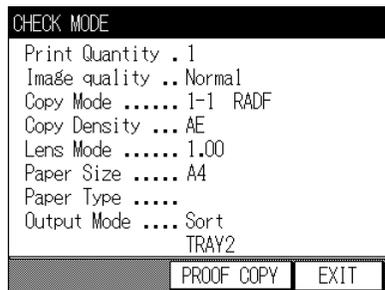
Position original(s).

3

Press  on the control panel.

Verify the settings made for the current job.

- When a set of sample copy is needed, proceed to step 4.
- When settings are OK, proceed to step 8.



- When any setting change is required before proof copying, touch  to return to the Basic Screen, then change settings, as required.

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .



See p. 3-2 to p. 3-5 for details on positioning originals.

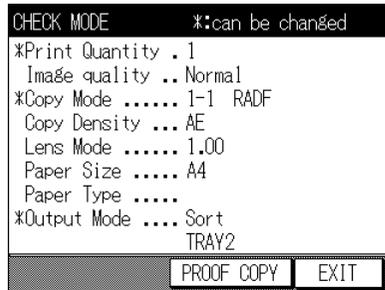
 Please Be Reminded!

Pressing  or  will clear all the settings made.

Checking Feature Selections and Proof Copying (continued)

- 4** Touch **PROOF COPY** on the Check Screen, or press  on the control panel.

A set of sample copy will be output.



After proof copying, the Check Screen displays “*” mark on the left of some settings that can be changed.

- When the copy result is satisfactory, proceed to step **7**.
- When any setting change is required, proceed to step **5**.

- 5** Touch **EXIT**.

The Basic Screen will be restored. Change settings that can be changed after proof copying, as desired.

- 6** Press  to display the Check Screen, then repeat proof copying, as required.

- 7** Change the print quantity, as required.

- 8** Press .

If the print quantity is not changed, the copier will output the rest except the sample sets.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

Press  to suspend the proof copying. In this case, the scanned image data will not be deleted from memory.

FOR DETAILS

If the desired selection cannot be changed, press  to delete all the data in memory, then press  to restart the job setting.

FOR DETAILS

Proof copy can be performed as needed, until the print quantity amount on the Basic Screen reaches zero. (Note that the print quantity amount on the Check Screen does not change.)

If required, change the print quantity on the Basic Screen.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

Interrupt Copying

Use the Interrupt mode to interrupt copying in progress to perform a simple job. When interrupt copying is completed, the settings for the initial job restore automatically and the Basic Screen displays.

Interrupt copying is available when the copier is performing the following operations:

- Continuously printing the image stored in memory
- Scanning the originals into memory
- Scanning the originals into memory while printing in Reserve mode
- In PRINT mode

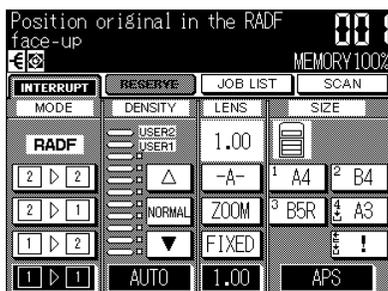
Specifications for Interrupt Mode

- The Interrupt mode cannot be selected with the following copier conditions:
 - The Basic Screen is not displayed.
 - The Call for Service message displays or a paper misfeed occurs.
- Incompatible: Reserve

1

Press  on the control panel.

The  LED goes on and **SETTING** on the Basic Screen changes to **INTERRUPT**.



2

Set copy conditions, as desired.

All copying features are compatible except Reserve mode.

The settings in Interrupt mode are as follows.

- Copy Mode : 1 ▶ 1
- RADF : ON
- AE : ON
- Lens Mode : 1.00 (100%)
- APS : ON
- Print Quantity : 1
- Finisher : Exit tray 2 in Sort mode

3

Position original(s).



The timing to enter the Interrupt mode varies according to the job in progress on the machine when  is pressed. See the following page.



In Reserve mode, pressing  before the copier finishes scanning the reserve job originals clears the settings selected for the reserve job. For details of Reserve mode, see p. 3-22 to p. 3-23.



Remove any document from the platen glass or from the document feeder, if present.



See p. 3-2 to p. 3-5 for details on positioning originals.

Interrupt Copying (continued)

4 Press  to start the interrupt copying.

5 When Interrupt copying is completed, press  again.

The  LED goes out and **INTERRUPT** on the Basic Screen returns to **SETTING**.

The settings of the initial job will be restored on the Basic Screen.

6 Press  to resume copying.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

When  is pressed during Interrupt copying, the information displayed reflects the initial copy job settings. Check mode will not display Interrupt copy job information.

3 Copying Operations

Positioning Originals

Setting Print Quantity

Paper Size

Lens Mode

Density

1 ▶ 2, 2 ▶ 2

2 ▶ 1

Using Memory

Output without Finisher

FS-109 Output Modes

Check Mode & Proof Copy

Interrupt Mode

FOR DETAILS

For particular jobs in progress, copying will cease only after certain phases of the immediate operation are completed, as indicated by the  LED conditions described below.

- Collectively printing image stored in memory
The LED blinks until one set of the current job is printed. Then the LED remains steady for the temporary job performed in Interrupt mode.
- Scanning originals into memory
The LED blinks until scanning is completed for all originals placed in the document feeder. Then, the LED remains steady for the temporary job performed in Interrupt mode.
- Scanning originals into memory while printing in Reserve mode
The LED blinks until the copier completes the current printing job, scans all originals placed on the document feeder, and prints one set of the Reserved job. The LED remains steady for the temporary job performed in Interrupt mode.

SECTION

4

Job Memory & Help Mode

How to Use Helpful Function

Storing Job Conditions (Job Memory: Job Store)	4-2
Recalling Stored Job Settings (Job Memory: Job Recall)	4-5
Displaying Screen for Operation Guide (Help Mode)	4-6

4

Job Memory
& Help Mode

Job Memory

Help Mode

Storing Job Conditions (Job Memory: Job Store)

Use Job Store to store up to 15 frequently used copy job settings, which can be recalled at any time. The stored jobs can be given alphabetical names.

Specifications for Job Memory

- All copying functions can be selected.
- Interrupt mode cannot be used while in Job Memory.

1

Make job selections from the Basic Screen, Application Selection Screen, and/or Output Mode Screen.

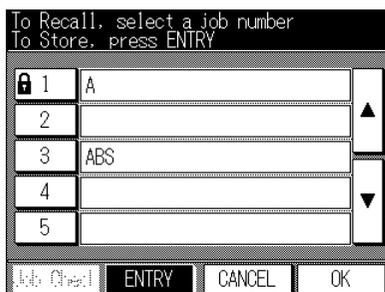
2

Press  **on the control panel.**

The Job No. Selection Screen will be displayed.

3

Touch **ENTRY**.



To Recall, select a job number
To Store, press ENTRY

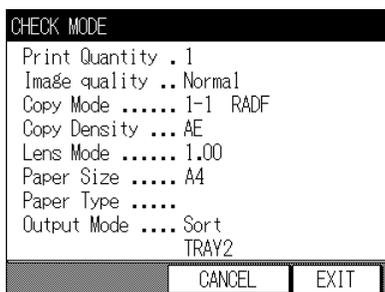
1	A	
2		
3	ABS	
4		
5		

Job Check ENTRY CANCEL OK

4

Review the settings on the Job Store Check Screen.

Check that the selections made in step 1 are correctly entered.



CHECK MODE

Print Quantity . 1
Image quality .. Normal
Copy Mode 1-1 RADF
Copy Density ... AE
Lens Mode 1.00
Paper Size A4
Paper Type
Output Mode Sort
 TRAY2

CANCEL EXIT

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .

 **FOR DETAILS**

If any correction is required, touch **CANCEL** to return to the Basic Screen. Make new selections, then restart the Job Store operation from step 2.

Storing Job Conditions (Job Memory: Job Store) (continued)

5 Touch .

The Job No. Selection Screen will be restored.

6 Touch to highlight one of the keys numbered from 1~15 to store the job under that number.



The screen displays 5 job number keys on the left. Arrow keys (▲/▼) on the right side can be used to scroll through the 15 job numbers.

A blank key indicates that no job is stored under that key.

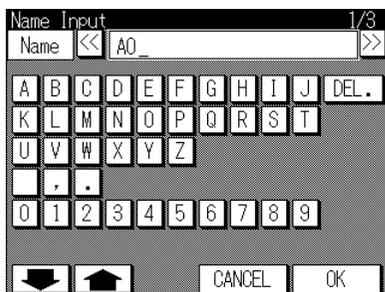
A named job without a lock icon (🔒) displayed can be overwritten.

The key with a lock icon (🔒) displayed is locked and cannot be selected.

7 Touch .

The Job Name Registration Screen will be displayed.

8 Enter a job name.



FOR DETAILS

To suspend the storing job after step **5**, press .

Job Memory mode will be cancelled, and the Basic Screen will return from any screen.

HINTS

To lock or unlock a job, and to delete a locked job, see p. 12-21.

FOR DETAILS

If you wish to cancel the job No. selection, touch  to restore the Basic Screen, which displays the settings made in step **1**.

If you wish to cancel the settings, press .

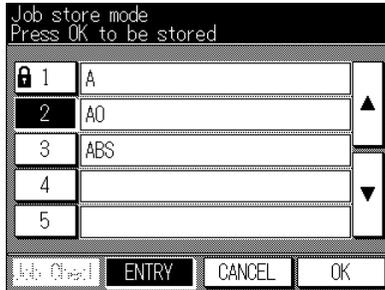
HINTS

For details on entering a job name, see the following page.

Storing Job Conditions (Job Memory: Job Store) (continued)

9 Touch .

The Job No. Selection Screen will be restored. Check that the job name has been correctly entered.



 **FOR DETAILS**

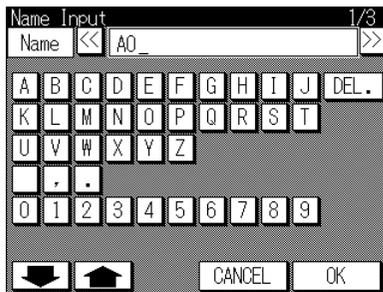
[*****] displayed on the screen indicates that a job is stored but unnamed.

 **HINTS**

10 Touch  **to complete the setting and return to the Basic Screen.**

 **FOR DETAILS**

Entering a job name



- Enter a job name in up to 24 characters, using the touch screen alphabet keypad.
 - If required, scroll with  and  to use lower case and symbol keys.
 - To correct an entry, touch  repeatedly to delete each character entered, then enter the correct job name.
 - If you do not wish to enter a name, touch .
- The key displays [*****] in place of a name.

When changing the name of a job previously stored, touch  repeatedly to delete the previous name, then enter the new name.

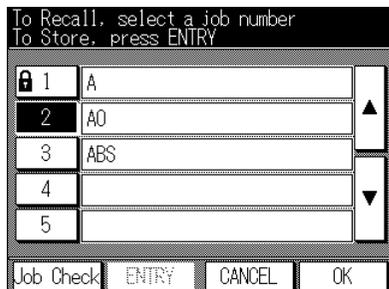
Recalling Stored Job Settings (Job Memory: Job Recall)

Use Job Recall to recall jobs that are already stored in Job Memory.

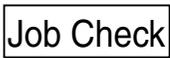
1 Press  on the control panel.

The Job No. Selection Screen will be displayed.

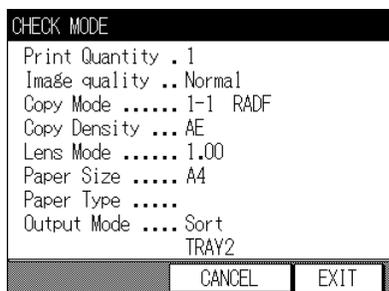
2 Touch to highlight a Job No. key to select a job you want to recall.



If required, scroll with the arrows (▲/▼) to reach the desired Job No. key (1~15).

3 If desired, touch .

The Job Recall Check Screen displays to enable you to review the settings.



4 Touch .

The settings of the selected job will be recalled on the restored Basic Screen.

5 Position original(s), then press  to print.

FOR DETAILS

To cancel the recall mode, touch  to return to the Basic Screen.

4

Job Memory
& Help Mode

Job Memory

Help Mode

Displaying Screen for Operation Guide (Help Mode)

The Help Screen provides you with the information about the current screen mode and about setting procedures. Help mode can be accessed from any screen except Job Memory and Key Operator Screens.

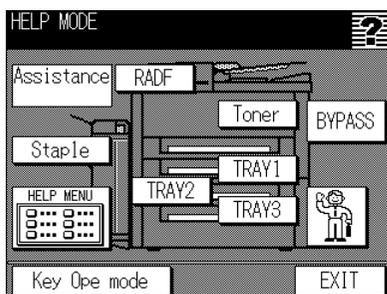
Help Mode provides two types of Help Screen according to the current screen mode:

- ① Help Screen accessed from Basic Screen
- ② Help Screen accessed from screens other than Basic Screen

■ To Display Help Screen from Basic Screen

1 Return to the Basic Screen, then press  .

2 Touch the desired key to display specific information.



Touch  to enter the Key operator mode. See p. 12-2.



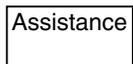
: Displays the Help Menu Screen which provides a list of all of the copier functions. When a function item is touched, the Help Screen displays information specific to that topic.



See the following page for details of the Help Menu Screen.



: Provides information on replacing staple cartridge.



: Displays the extension number of the Key operator.



: Provides information on positioning originals in the document feeder.



: Provides information on adding toner.



: Provides information on loading paper into the Multi-sheet bypass tray.



: Displays the phone/fax number of your service centre.



: Provides information on loading paper in each tray.



Touch  on the Help Screen, if provided, to scroll to the next page.

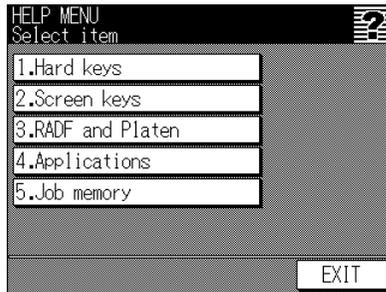
Touch  to return to the previous page.

3

Touch **EXIT** , or press **?
HELP** to return to the Basic Screen.



Help Menu Screen



Select one of the 5 Help menu items on the Help Menu Screen to display subsequent Help Screens.

Touch  on the Help Screen, if provided, to scroll to the next page.

Touch  to return to the previous page.

- “1. Hard keys” displays the information on control panel buttons.
- “2. Screen keys” displays the description of active, inactive and highlighted keys on the touch screen.
- “3. RADF and Platen” displays the information on unsuitable RADF originals and maintenance of the document feeder and platen glass.
- “4. Applications” displays operational information on 16 application functions provided on the Application Selection Screen.
- “5. Job memory” displays the information on Job Memory.

4

Job Memory
& Help Mode

Job Memory

Help Mode

■ To Display Help Screen from Other Screens

1 *While in any screen other than the Basic Screen, press .*

The Help Screen displays to provide the information about the current screen mode and setting procedures.

2 *Touch .*

The screen that was displayed before pressing  will be restored.

 **FOR DETAILS**

Some screen mode may not have Help Screens for that topic.

 **FOR DETAILS**

Touch  on the Help Screen, if provided, to scroll to the next page.

Touch  to return to the previous page.

SECTION

5

Troubleshooting

How to Handle Machine Troubles

When “Call for Service” Message Is Displayed	5-2
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Clearing Mishandled Paper	5-5
When “JAM” Appears on “SETTING” Key	5-7
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5

Troubleshooting

Call for Service

Preventive Maintenance

Clearing Mishandled Paper

JAM Key

ADD PAPER Key

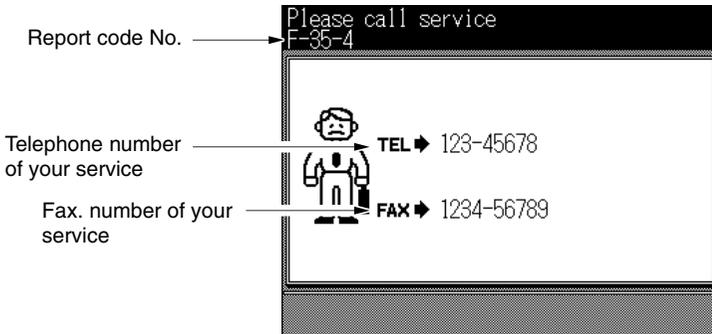
Memory Overflow

Power OFF/ON Screen

Copying Hints

When “Call for Service” Message Is Displayed

A “Call for Service” message indicates a machine condition that requires the attention of your Konica service centre. The Call for Service Screen usually displays the telephone and facsimile numbers of your service centre.

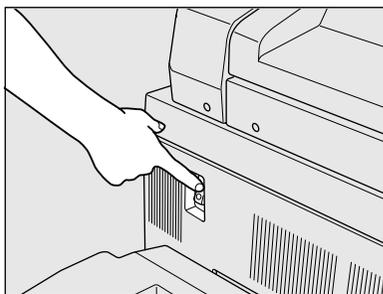
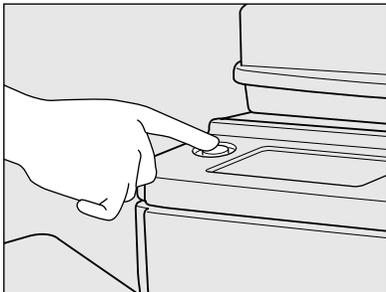


CAUTION

When the Call for Service Screen is displayed, be sure to contact your Konica service centre immediately by following the procedure below.

1 *Make note of the Report code No. indicated in the second line of the message area.*

2 *Turn OFF the power switch and main power switch.*



FOR DETAILS

In the event the machine with the Remote Diagnostics option is automatically monitored by a Konica service centre, the key operator can call for service using the key operator setting. See p. 12-41.

Please Be Reminded!

After calling for service using the key operator setting, be sure to turn OFF the power switch and main power switch immediately, then unplug the machine as described here.

3

Unplug the machine.

4

Contact your Konica service centre and report the condition and code No.

FOR DETAILS

Limited Use of the Copier in Trouble

If the message shown below is displayed on the Call for Service Screen, you may continue operating the copier on a limited function basis and utilize the trays and ADU that are not affected by the trouble. To obtain this limited functionality of the copier, consult your Konica service centre. Be sure to utilize the limited function only temporarily, and arrange for machine repair immediately.

1. If the limited use of the copier is available, the following message is displayed in the message area instead of the Report code.

ex.

Tray 2 failure
Press AUTO to select except this tray

2. Press  .

AUTO RESET

Please switch ON/OFF
E 18-2

3. Turn OFF then ON the power switch.
A copying job can be continued without using the troubled portion of the machine (ex. Tray 2).

CAUTION

EVEN IF THE COPYING JOB CAN BE CONTINUED WITH THE ABOVE OPERATION, BE SURE TO CONTACT YOUR KONICA SERVICE CENTRE IMMEDIATELY WHEN THE CALL FOR SERVICE SCREEN IS DISPLAYED.

5
Trouble-shooting

Call for Service

Preventive Maintenance

Clearing Mishandled Paper

JAM Key

ADD PAPER Key

Memory Overflow

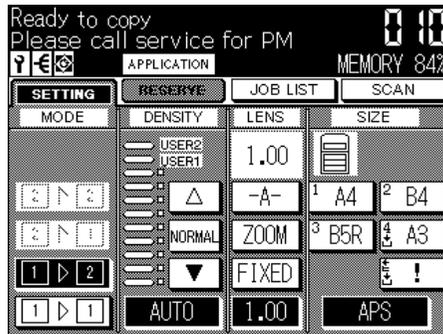
Power OFF/ON Screen

Copying Hints

Preventive Maintenance

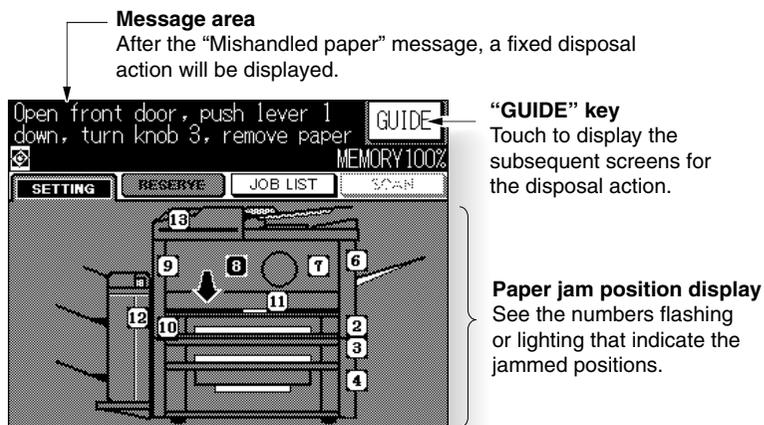
After a set number of copies have been made on your copier, Preventive Maintenance (PM) will be required for maintaining optimal performance.

When preventive maintenance is due, a message and an icon () will prompt you to contact your service centre for maintenance.



Clearing Mishandled Paper

When a paper misfeed occurs, the copier stops making copies and mishandled paper codes display on the screen to indicate misfeed area(s). Copying operation cannot be continued until all the misfeed locations are cleared.



FOR DETAILS

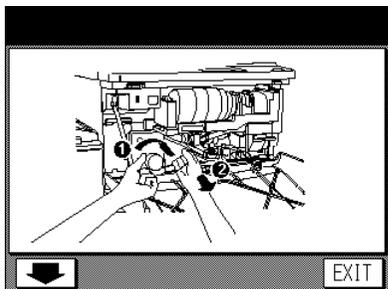
The above screen displays all the jam numbers for the sake of explanation. Actually a few numbers appear when a paper misfeed occurs.

- When removing mishandled paper, be sure to leave no torn paper inside the machine.

1 Touch **GUIDE** on the screen.

The screen illustrating the method for the disposal action will be displayed.

2 Follow the procedure on the screen to remove misfed paper.



Please Be Reminded!

Before performing the clearing procedure, see p. 1-2 for the caution label locations inside the machine.

FOR DETAILS

Touch  on the screen, if provided, to go to the next page of a series of illustrations.

5

Troubleshooting

- Call for Service
- Preventive Maintenance
- Clearing Mishandled Paper
- JAM Key
- ADD PAPER Key
- Memory Overflow
- Power OFF/ON Screen
- Copying Hints

3

When completed, touch **EXIT.**

If any misfeed location is left, the screen displays the next disposal procedure in the message area and the location number in the jam position display. Repeat steps **1** to **3** until all the locations are cleared.

The Basic Screen will be restored when all procedures are completed.

 **WARNING**

The drum unit generates high voltage. To avoid bodily electrical shock, NEVER TOUCH the area.

 **CAUTION**

The internal fixing unit is very hot. To avoid getting burned, DO NOT TOUCH.

 **CAUTION**

Be careful of removing staples stuck inside the machine so as not to get injured.

 **CAUTION**

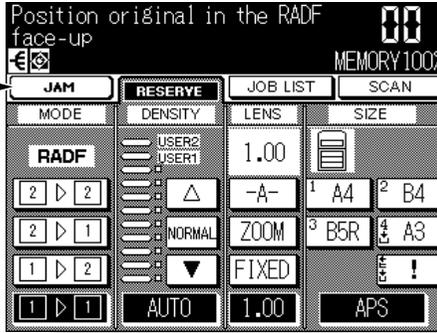
DO NOT INSERT your finger into the two RADF hinge portions, otherwise you may be injured.

When “JAM” Appears on “SETTING” Key

If a misfeed occurs with the print/scan job in progress while you are setting a reserve job, **SETTING** on the Basic Screen will change to flashing **JAM** .

Follow the procedure below to remove mishandled paper.

“JAM” flashes when a misfeed occurs during a reserve job setting.



1 Touch **JAM** .

The Jam Position Screen will be displayed.

2 Touch **GUIDE** .

The screen illustrating the method for the disposal action will be displayed.



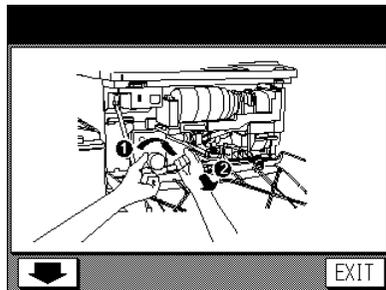
HINTS

See p. 5-5 to p. 5-6 for details on clearing procedure.

Please Be Reminded!

Before performing the clearing procedure, see p. 1-2 for the caution label locations inside the machine.

3 Follow the procedure on the screen to remove misfed paper.



FOR DETAILS

Touch  on the screen, if provided, to go to the next page of a series of illustrations.

5

Trouble-shooting

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Clearing Mishandled Paper

JAM Key

ADD PAPER Key

Memory Overflow

Power OFF/ON Screen

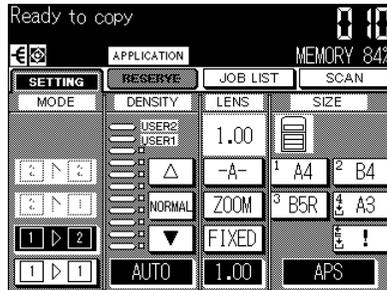
Copying Hints

When “JAM” Appears on “SETTING” Key (continued)

4

When completed, touch **EXIT**.

The Basic Screen will be restored when all procedures are completed.



FOR DETAILS

JAM has changed to **SETTING**, and the settings for the scan/print job are displayed on the screen.

5

Press .

The scan/print job will resume.

6

Touch **RESERVE** to continue the reserve job setting.

WARNING

The drum unit generates high voltage.
To avoid bodily electrical shock, NEVER TOUCH the area.

CAUTION

The internal fixing unit is very hot.
To avoid getting burned, DO NOT TOUCH.

CAUTION

Be careful of removing staples stuck inside the machine so as not to get injured.

CAUTION

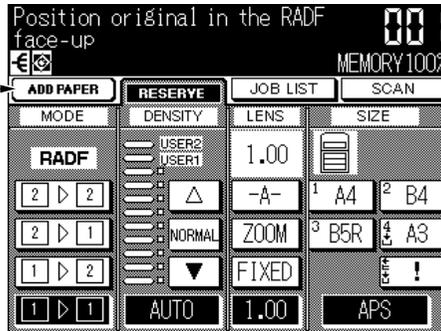
DO NOT INSERT your finger into the two RADF hinge portions, otherwise you may be injured.

When “ADD PAPER” Appears on “SETTING” Key

If the paper supply for a print job in progress becomes depleted while you are setting a reserve job, **SETTING** on the Basic Screen will change to flashing **ADD PAPER**.

Follow the procedure below to continue the copying operation.

“ADD PAPER” flashes when paper supply becomes depleted during a reserve job setting.



1 Touch **ADD PAPER**.

The Basic Screen for the print job will be displayed.

2 Check the flashing tray key, then supply that empty tray with copy paper.

When paper supply is completed, **ADD PAPER** changes to **SETTING**.



See p. 2-16 to p. 2-19 for details on loading paper.

3 Press .

The print job will resume.

4 Touch **RESERVE** to continue the reserve job setting.

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JAM Key

ADD PAPER Key

Memory Overflow

Power OFF/ON Screen

Copying Hints

When “Memory Full” Message Is Displayed (Memory Overflow)

In certain modes, this printer/copier uses memory to make operations convenient and smooth flowing. Occasional memory overflow may occur if the installed memory is inadequate for the copy conditions selected.

Memory overflow messages are displayed as follows:

If continuous working
check output after copying

-Memory full - Start => START key
Cancel => ST/CL key

To handle the Memory overflow condition while in a job, take the appropriate action indicated below. These actions enable you to continue the job or suspend the job.



Should memory overflow occur frequently, it is recommended that you contact your Konica service centre to extend the memory capacity in your machine.

■ When

If continuous working
check output after copying

Displays

The above message displays when copying in Group mode without Store mode selected.

1

Wait until the current operation is completed.

When the machine stops copying after producing one copied set irrespective of the set print quantity, all the data in memory will be erased.

2

Check the original pages, then position originals again.

3

Press  to complete the job.

FOR DETAILS

Positioning the same number of originals may cause the memory overflow again. Arrange the original pages to lighten a burden to memory.

When “Memory Full” Message Is Displayed (Memory Overflow) (continued)

■ **When** -Memory full- Start => START key
Cancel => ST/CL key **Displays**

1 *Wait until the current operation is completed.*

The machine stops copying after producing one copied set irrespective of the set print quantity. When scanning in Store mode, however, the machine stops without producing a copied set. At this time, all the data still remains in memory.

2 *Press  to continue copying.*

The machine will output the scanned data for job completion in the amount remaining in the print quantity setting.

3 *The following message displays.*

If continuous working
check output after copying

All the data in memory will be erased with this message displayed.

4 *Check the original pages, then press  to complete the job.*

Check pages of the discharged set to confirm the amount of missing data, then complete the job according to the print quantity remaining.

 **FOR DETAILS**

To suspend the job:

Press  to save the job settings. All scanned data will be erased.

Or, press  to clear the job and resume initial settings.

5
Troubleshooting

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JAM Key

ADD PAPER Key

Memory Overflow

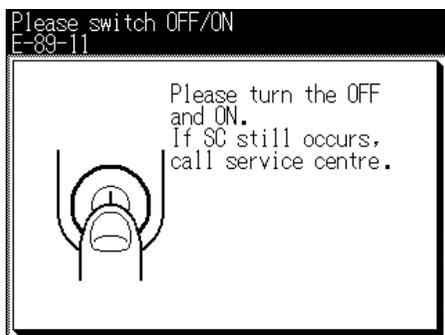
Power OFF/ON Screen

Copying Hints

When Power OFF/ON Screen Is Displayed

When any trouble affects the electric signal of the copier, the Power OFF/ON Screen will be displayed.

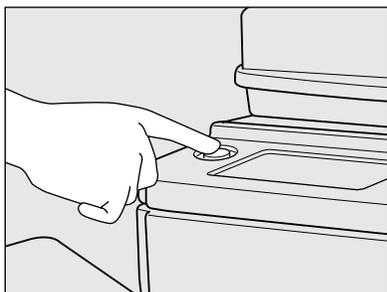
Service can set the machine to display this screen which does not appear in the initial condition. Please contact your service centre, if desired.



1

Turn OFF the power switch.

The main power switch is not required to be turned off.



2

Wait about 10 seconds.

3

Turn ON the power switch.

Troubleshooting Tips

COPIER DOES NOT OPERATE WHEN POWER SWITCH IS ON

Fully insert paper trays.

Close RADF.

Be sure power plug is firmly inserted in electrical socket.

COPY IMAGE IS TOO LIGHT

Manually adjust copy density to darker density.

Check toner indicator and add toner, if required.

Check paper for dampness. Do not leave paper in copier when humidity is high.

Check to see if Photo, Text, or Increase Contrast mode is required.

Check the Density shift.

COPY IMAGE IS TOO DARK

Manually adjust copy density to lighter density.

Check to see if Photo, Text, or Increase Contrast mode is required.

Check the Density shift.

COPY IMAGE IS NOT CLEAN OR SHOWS SPOTS

Use clean originals since dirt marks may be copied.

Keep platen glass and inner surface of document cover clean.

Call for service if “Call for service” is displayed in the message area.

Check density indicator and lighten if required.

COPY PAPER MISHANDLES DURING COPYING

Fan copy paper and load it with curl side in proper location. Do not exceed the tray capacity.

COPY IMAGE CAN BE RUBBED OFF

Check copy paper thickness. Use Thick paper mode, if paper weight requires it.

MAGNIFICATION CANNOT BE CHANGED

Image Shift and Reduce & Shift are incompatible with magnification.

Press  and set desired copying conditions without using Image Shift or Reduce & Shift.

THE TOUCH SCREEN PAPER SIZE INDICATOR DISPLAYS [!] ON THE TRAY

The [!] symbol indicates that the paper loaded in the tray is inconsistent with the tray position setting.

DUPLEX MODES CANNOT BE SELECTED

Fully close ADU and RADF, then select Duplex mode again.

COPYING DOES NOT BEGIN AFTER PRESSING START

Insert or adjust the appropriate paper tray for paper size selected.

Close document cover firmly.

Close front door completely.

5 Troubleshooting

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JAM Key

ADD PAPER Key

Memory Overflow

Power OFF/ON Screen

Copying Hints

Troubleshooting Tips (continued)

COPYING DOES NOT RESUME AFTER MISHANDLED PAPER IS REMOVED

Check copier diagram on touch screen for additional indications of mishandled paper.

COPY QUALITY IS POOR

Check paper for dampness, and replace it if necessary.

THE ORIGINAL PAPER IS MISHANDLED OR SKEWED IN THE DOCUMENT FEEDER

Originals should conform to the recommended size and weight.

Be sure originals are not stapled.

Align originals evenly in the RADF.

Check to make sure paper guides meet the width of mixed size originals.

COPY IMAGE IS SKEWED WHEN BYPASS IS USED

Be sure copy paper is inserted straight.

USING EKC, COPIES CANNOT BE MADE AFTER PASSWORD IS ENTERED

Check to see if the message EXCEEDS LIMIT is displayed.

Contact key operator to reset limit.

FINISHER DOES NOT OPERATE

Press  .

Remove mishandled paper if any exists. Properly close finisher door.

RADF INDICATOR WILL NOT LIGHT AFTER IS PRESSED

Fully close RADF.

ADD TONER MESSAGE IS DISPLAYED

New toner supply is needed. Follow instructions for adding toner.

CALL FOR PM IS DISPLAYED IN MESSAGE AREA

Contact your service centre for Preventive Maintenance.

APS SELECTS THE WRONG PAPER SIZE

RADF paper guides must be adjusted exactly to the size of originals.

IN MIXED ORIGINAL MODE, A MESSAGE TO LOAD A REQUIRED PAPER SIZE DISPLAYS, EVEN THOUGH THAT SIZE IS LOADED IN ONE OF THE TRAYS

Paper sizes loaded in the trays must be consistent with the tray position size; otherwise, the [!] symbol will be displayed on the Paper size indicator of the Basic Screen.

THE BASIC SCREEN DOES NOT DISPLAY SETTINGS AS DESCRIBED IN INSTRUCTION MANUAL

Check with the key operator, as Initial Settings may have been changed.

Troubleshooting Tips (continued)

PLEASE CHECK ORIGINAL

This message displays when the copier detects a non-standard paper size on the platen glass.

Select paper size and press  . 1.00 magnification will be selected automatically.

If this message continues to display after selecting paper size, select 1.00 magnification, even if it is already indicated, then press .

If desired, ask your Konica service centre to enable the machine to default to 1.00 magnification in this situation.

SHEET INSERTION RESULT IS NOT AS EXPECTED

Blank insertion: Be sure originals do not already include blank sheets in the locations designated for sheet insertion.

Copy insertion: To ensure that chapter sheets in 1 ► 2 mode always appear on the right hand side in the finished set, insertion sheets must be designated on the page setting screen with odd numbers, not even. If required, make an even numbered original page odd by inserting a blank sheet in front of that page, so that the blank sheet is even and the insertion sheet is odd.

FINISHER STAPLE RESULT IS NOT AS EXPECTED

The 2 staple position functions only on copy paper that is loaded vertically (portrait style).

5 Troubleshooting

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JAM Key

ADD PAPER Key

Memory Overflow

Power OFF/ON Screen

Copying Hints

SECTION

6

Machine Specifications

Main Body & Option Specifications and Copy Materials

Main Body Specifications	6-2
Option Specifications	6-3

Main Body Specifications

■ Main Body

Name:	Konica 7045
Type:	Console type
Transfer method:	Indirect electrostatic method
Platen glass:	Fixed
Light-sensitive unit:	OPC
Light source:	Xenon lamp
Developing method:	Dry, 2-component magnetic brush developing
Fixing method:	Heat roller
Density adjustment:	Automatic and manual (9 steps)
Magnification ratio:	1:1±1.0% Enlargement: 1:1.150 (115%), 1:1.220 (122%), 1:1.410 (141%) Reduction: 1:0.860 (86%), 1:0.820 (82%), 1:0.710 (71%) Zoom/Special ratio magnification ratio: 25% to 400% in 1% increments User set: 3
Copy paper:	Plain paper: 50 to 130g/m ² for Multi-sheet bypass tray 60 to 90g/m ² for main body and drawer base trays Special paper: OHP film, Labels, Tab, 3-hole
Copying speed:	45 copies/min. (A4), 31 copies/min. (A4R), 23 copies/min. (A3), 45 copies/min. (B5), 26 copies/min. (B4), 34 copies/min. (B5R)
Continuous copying:	1 to 999 copies
Types of original:	Sheet, book originals
Original size:	A3 maximum
Copy size:	A3 to B6 size (image cutoff width: leading and trailing ends 4.5 mm ± 1.5 mm, top and bottom 1.5 mm ± 1.5 mm)
Paper supply method:	Tray 1 (universal); 500 sheets (80 g/m ²) (main body tray) Tray 2 (universal); 500 sheets (80 g/m ²) (DB-208/208A/608 option) Tray 3 (universal); 500 sheets (80 g/m ²) (DB-208 option) Tray 3 (fixed); 1,500 sheets (80 g/m ²) (DB-608 option) Tray 4 (universal); 500 sheets (80 g/m ²) (DB-208 option) Multi-sheet bypass tray; 100 sheets (80 g/m ²)
Warm-up time:	Approximately 90 seconds
First copy time:	Approx. 3.9 seconds (A4)
Power:	AC 230V/50Hz (This equipment selects the correct voltage automatically.)
Power consumption:	1.8KW max. (with option)
Sound power level:	71dB max. (with option)
Weight:	Approx. 104kg (main body + RADF)
Size:	647(W) x 706(D) x 1145(H) mm (main body + RADF + DB) 1192(W) x 706(D) x 1145(H) mm (main body + RADF + Finisher + DB)
Effective size*:	853(W) x 706(D) mm (main body + RADF) 1398(W) x 706(D) mm (main body + RADF + Finisher + DB)

*: Effective size is the dimensions required when the Multi-sheet bypass tray is opened.

These specifications are subject to change without notice.

Option Specifications

■ RADF (DF-315)

Function:	Feeds 1- and 2-sided originals automatically
Type of original:	Plain paper (50 to 130g/m ²)
Original size:	A3, B4, F4, A4, A4R, B5, B5R, A5, A5R, 8.5"x11"
Original capacity:	50 sheets max. (80g/m ²)
Original insertion:	Automatic feed at a time
Power source:	Supply from main body

*: 8.5"x11" size is available in portrait (📄) orientation only.

■ FS-109 In-Bin Stapler Finisher

Type:	Offset catch tray
Sorting system:	Sorting by shifting (30±2 mm)
Types of paper:	A3, B4, F4, A4R, A4, B5R, B5, A5, A5R, 8.5"x14", 8.5"x11", 8.5"x11"R (60 to 110g/m ² paper)
Number of stapled sheet:	50 sheets max. or 5 mm or less (80g/m ² paper)
Staple cartridge:	5,000 staples
Dimensions:	545.4(W) x 599.2(D) x 623.2(H) mm
Weight:	Approx. 37kg
Power source:	Supply from main body

■ DB-208 Drawer Base Unit

Function:	Paper feed into main body
Configuration:	3 trays
Capacity:	Tray 2 (upper)/ Tray 3 (middle)/ Tray 4 (lower); 500 sheets each
Types of paper:	A3, B4, F4, A4R, A4, B5R, B5, A5R, 8.5"x14", 8.5"x11"R (64g to 90g/m ² plain/recycled paper)
Power source:	Supply from main body

■ DB-208A Drawer Base Unit

Function:	Paper feed into main body; storage for copy material
Configuration:	1 tray and a storage
Capacity:	Tray 2 ; 500 sheets
Types of paper:	A3, B4, F4, A4R, A4, B5R, B5, A5R, 8.5"x14", 8.5"x11"R (64g to 90g/m ² plain/recycled paper)
Power source:	Supply from main body

These specifications are subject to change without notice.

Option Specifications (continued)

■ DB-608 Drawer Base Unit

Function:	Paper feed into main body
Configuration:	2 trays
Capacity:	Tray 2 ; 500 sheets Tray 3 ; 1,500 sheets
Types of paper:	Tray 2 (universal) ; A3, B4, F4, A4R, A4, B5R, B5, A5R, 8.5"x14", 8.5"x11"R (64g to 90g/m ² plain/recycled paper) Tray 3 ; Fixed to A4 (can be changed to A4R, B5R, B5, 8.5"x11", or 8.5"x11"R) (64g to 90g/m ² plain/recycled paper)
Power source:	Supply from main body

■ Expanded Memory Unit

MU-403: 32MB
MU-404: 64MB
MU-405: 128MB

■ Others

Remote Diagnostics
Key Counter

These specifications are subject to change without notice.

Advanced

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7

Advanced Information

Advanced Function and Touch Screen

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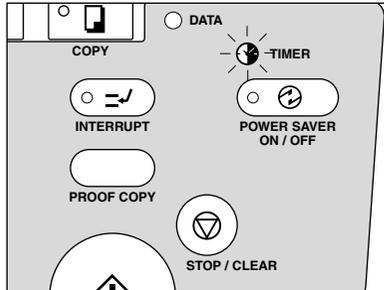
7

Advanced
Information

Programmed Shut Off (Weekly Timer)

The Weekly timer function manages a copier to be turned on and off at the time specified by the key operator to disable copying during off time. This function is not factory-set.

When a copier is under control of the weekly timer function, the TIMER indicator on the right side of the control panel is lit.



IMPORTANT: WHEN THE TIMER INDICATOR IS LIT, THE COPIER WILL TURN OFF AUTOMATICALLY. DO NOT TURN IT OFF BY PRESSING POWER SWITCH.

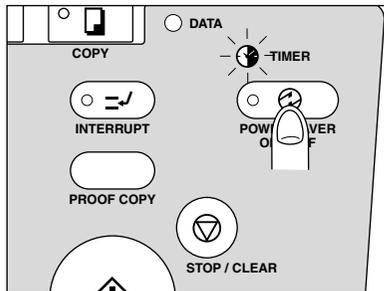
When the TIMER indicator light is on and other indicators are off, copying is unavailable due to the weekly timer function. However, copying will be available by using the following procedure.

1

Press  **on the control panel.**



For details of the Weekly timer function, see p. 12-25 to p. 12-31.



The Basic screen will be displayed along with the message shown below.

Timer interrupt mode
Enter password



The machine power will be turned off automatically after 5 minutes from this state.

The timer interrupt password is not factory set and must be entered by the key operator. In the event the timer interrupt password has not been entered by the key operator, the following message will display instead.

Input copy time is
0 hour(s) 05 minute(s)

When the above message displays, proceed to step **4**.

Programmed Shut Off (Weekly Timer)

2

Enter the password.

Enter a 4-digit number timer interrupt password using the keypad on the control panel.



For setting the timer interrupt password, see p. 12-31.

3

Press  .

The following message will be displayed on the Basic Screen.

Input copy time is
0 hour(s) 05 minute(s)



If an invalid password is entered, continue by entering the valid 4-digit password.

4

Set the hour for the interrupt use.

Enter a 1-digit hour (ex. 3 hours is 3) using the keypad on the control panel. (0 ~ 9)

5

Press  .

Your copy time is
3 hour(s) 05 minute(s)



6

Set the minute for the interrupt use.

Enter a 2-digit minute (ex. 7 minutes is 07) using the keypad on the control panel. (00 ~ 59)

Your copy time is
3 hour(s) 07 minute(s)

Entering a number smaller than 5 will set the minute at 5.

7

Press  .

Copying is available until the set time is up.

When timer interrupt of the copier is finished, press



The copier returns to the OFF condition and copying is again disabled.

Programmed
Shut Off

Touch
Screens

Rotation

V/H Zoom

7
Advanced
Information

Advanced Touch Screens

The following pages describe main screen except Basic and Application Screens and how to display them.

■ Checking Machine Status (Job List Screen)

The screenshot shows a screen titled "JOB LIST" with a table of jobs and a control bar at the bottom. The table has columns for JOB NO., MODE, STATUS, TOTAL PAGE(S), and MINUTE(S). The first row is highlighted.

JOB NO.	MODE	STATUS	TOTAL PAGE(S)	MINUTE(S)
002	COPIER	Scanning	1	----
003	COPIER	Waiting	1	----
004	COPIER	Waiting	1	----

At the bottom of the screen are five buttons: a left arrow, a home icon, "DELETE", "ADVANCE", and "OK".

Job List: Displays current status of the machine. Highlighted job can be advanced or deleted by touching the keys provided below.

OK key: Touch to return to the Basic Screen.

Arrow keys: Touch to select the job to be advanced/ deleted.

ADVANCE key: Touch to advance the highlighted job by one in printing order.

DELETE key: Touch to delete the highlighted job.

The Job List Screen displays when **JOB LIST** is touched on the Basic Screen. This screen allows you to view the machine status.

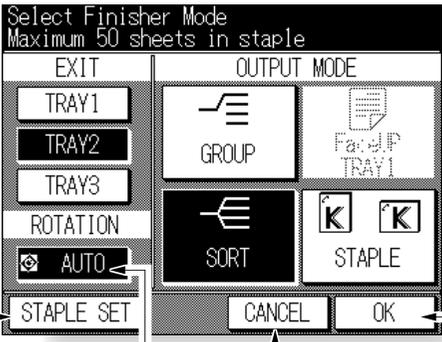
HINTS See p. 3-24 to p. 3-25 for details.

■ Setting Output Mode (Output Mode Screen)

The Output Mode Screen displays when  is pressed on the control panel. The following settings are available on the Output Mode Screen.

For the machine with finisher installed:

- Selecting the exit tray (p. 3-29)
- Selecting the output mode (p. 3-30)
- Selecting the staple position (p. 3-30)
- Activating/Deactivating the Rotation function (p. 7-9)



Exit tray key: Touch to select the desired exit tray.

STAPLE SET key: Touch to display the screen for selecting staple position in STAPLE mode.

AUTO key: Touch to activate/deactivate the ROTATION function.

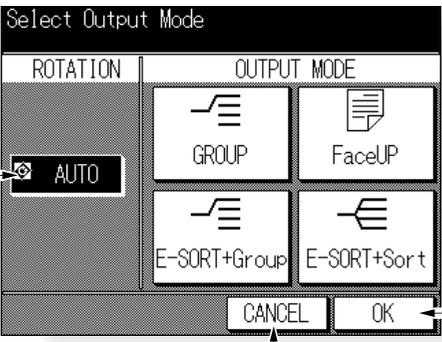
CANCEL key: Touch to cancel the selection made on this screen.

OK key: Touch to return to the Basic Screen.

Touch **SORT/ GROUP/ STAPLE/ FaceUP TRAY1** to select the desired output mode.

For the machine without finisher:

- Selecting the output mode (p. 3-27)
- Activating/Deactivating the Rotation function (p. 7-9)



AUTO key: Touch to activate/deactivate the ROTATION function.

OK key: Touch to return to the Basic Screen.

CANCEL key: Touch to cancel the selection made on this screen.

Touch **E-SORT + Sort/ E-SORT + Group/ GROUP/ FaceUP** to select the desired output mode.

Programmed
Shut Off

Touch
Screens

Rotation

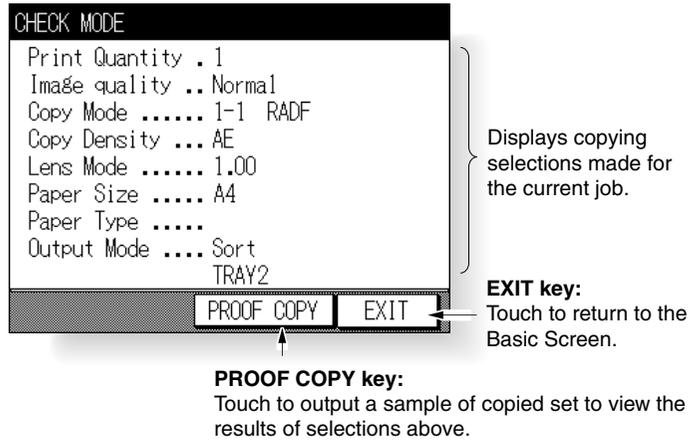
V/H Zoom

7
Advanced
Information

■ Checking Job Conditions (Check Screen)

The Check Screen displays when  is pressed on the control panel with the Basic Screen displayed.

This screen allows you to view all the copying selections made for the present job, and also the copy results by producing a sample of copied set (Proof copy).

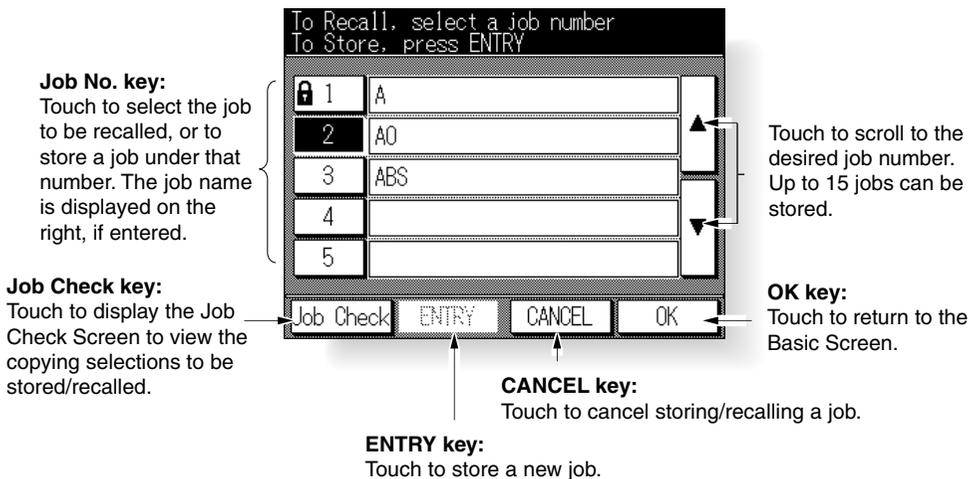


 See p. 3-32 to p. 3-33 for details.

■ Storing and Recalling Job Conditions (Job No. Selection Screen)

The Job No. Selection Screen displays when  is pressed on the control panel.

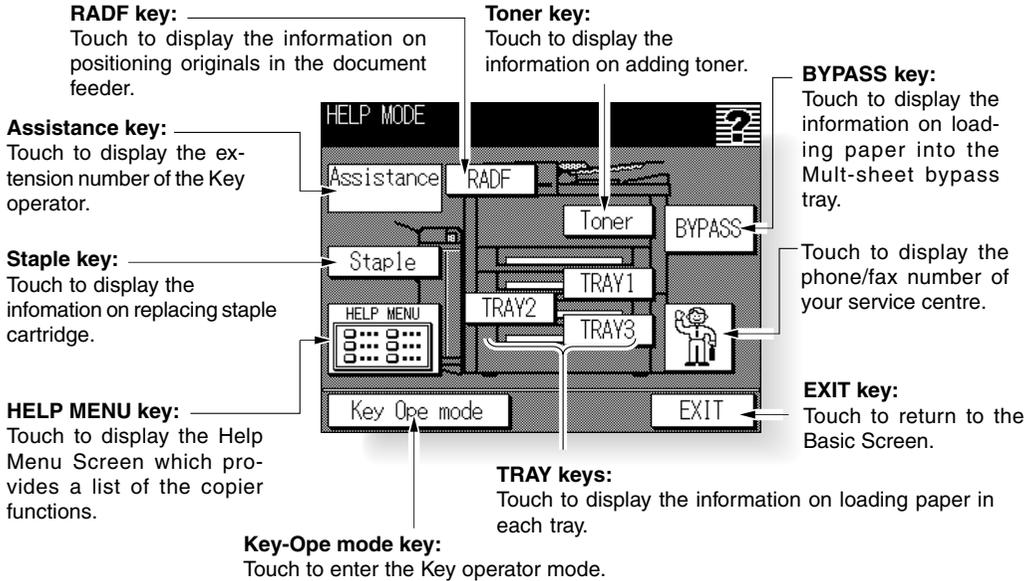
On this screen frequently used copy job settings can be stored or recalled, to simplify the process of setting up regular jobs.



 See p. 4-2 to p. 4-5 for details.

■ Getting Information on Machine Operation (Help Screen)

The Help Screen displays when  is pressed on the control panel with the Basic Screen displayed.



The Help Screen for giving instructions on the current setting will display when  is pressed with the current setting screen displayed.

 See p. 4-6 to p. 4-8 for details.

Programmed
Shut Off

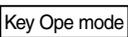
Touch
Screens

Rotation

V/H Zoom

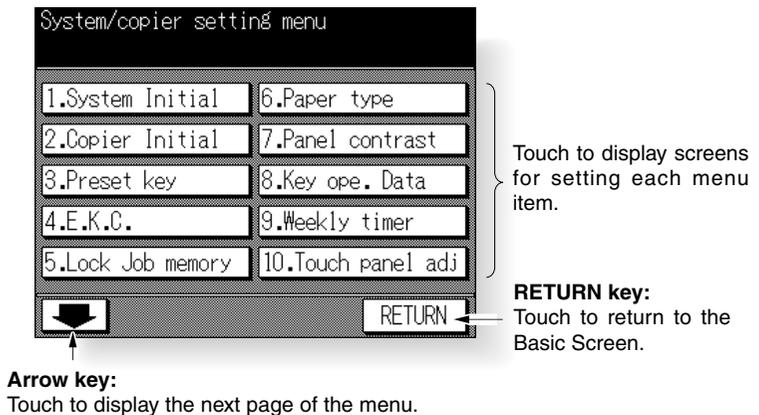
7
Advanced
Information

■ Modifying Machine Settings (Key Operator Mode Screen)

To access the Key Operator Mode, press  on the control panel when the Basic Screen is displayed, then touch  on the Help Screen.

The Key Operator Password Entry Screen displays, if a unique key operator password has been set by service at installation. Enter the password to display the Key Operator Mode Screen.

From this screen, the key operator can modify machine settings or monitor overall copier activities.



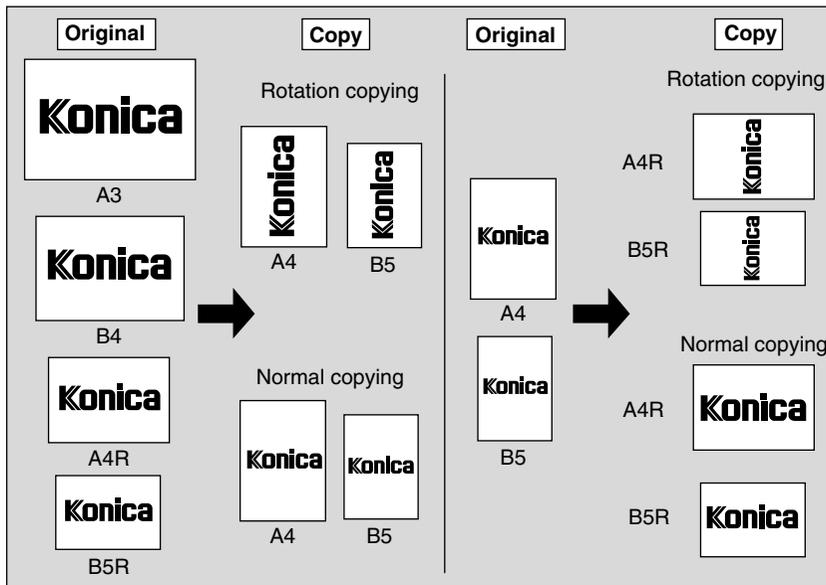
 See p. 12-2 for details.

Rotation

This function allows you to utilize APS or AMS and copy the original documents onto size A4 or B5, irrespective of the copy paper feeding direction.

FOR DETAILS

By default, Rotation requires APS or AMS to function; however, the key operator may set this function ON, OFF, to operate when APS, AMS or reduce functions, or to operate when APS functions. See p. 12-34 to p. 12-37.



The copier is initially set to activate the Rotation function automatically.
Follow the procedure below to release/resume this function.



Press on the control panel.



Programmed
Shut Off

Touch
Screens

Rotation

V/H Zoom

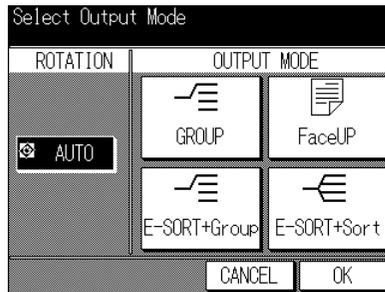
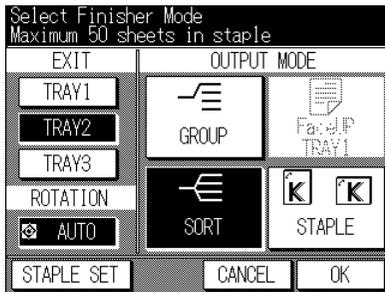
7

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Information

2

Touch to deselect **AUTO** under the **ROTATION** indication to release this function.

Touch to highlight **AUTO** to resume this function.



3

Touch **OK** to return to the Basic Screen.

When Rotation is released, the Rotation icon () on the Basic Screen will disappear to indicate that this function is cancelled.

When Rotation is resumed, the Rotation icon will be displayed on the screen.

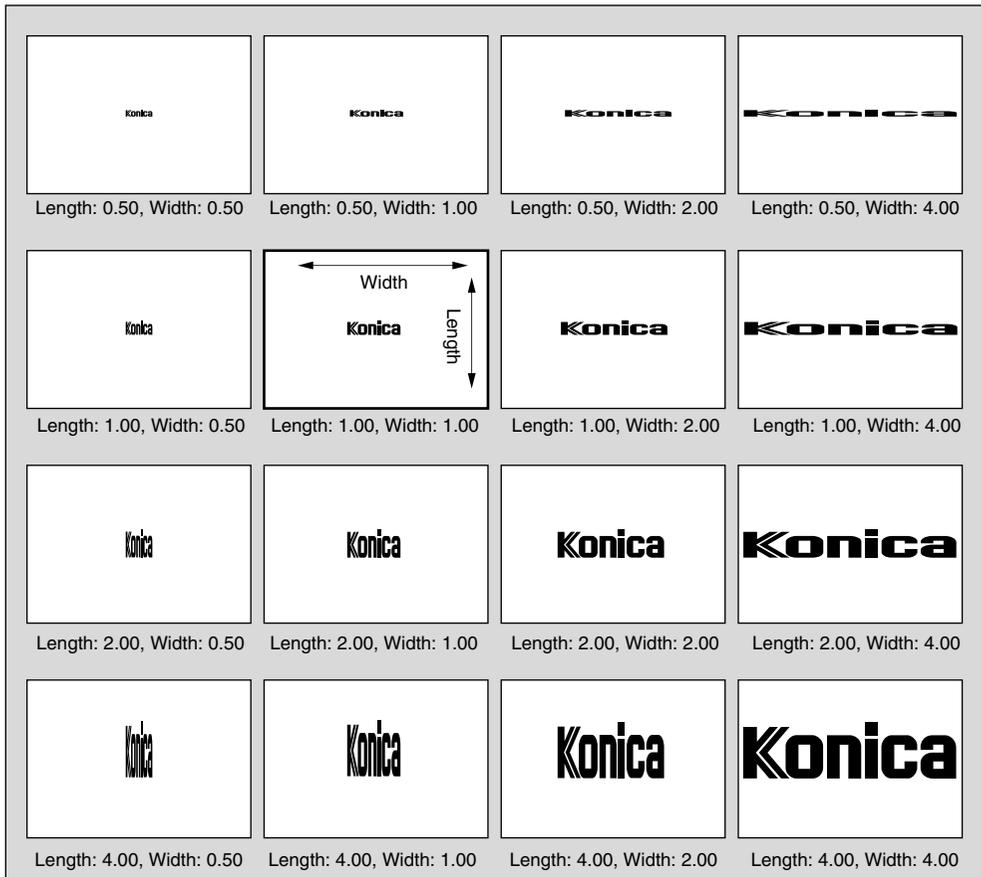
Vertical/Horizontal Zoom Mode

Use the Vertical/Horizontal zoom mode to reduce or enlarge vertical and horizontal dimensions, independently.

Vertical/Horizontal Zoom Mode Specifications

- Vertical/Horizontal zoom range: 0.25~4.00
- Incompatible Conditions: APS, AMS, Reduce & Shift in Image Shift

The figure shown below is the sample image using the Vertical/Horizontal zoom.



Programmed
Shut Off

Touch
Screens

Rotation

V/H Zoom

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Advanced
Information

Vertical/Horizontal Zoom Mode (continued)

- 1** Touch **ZOOM** on the Basic Screen.

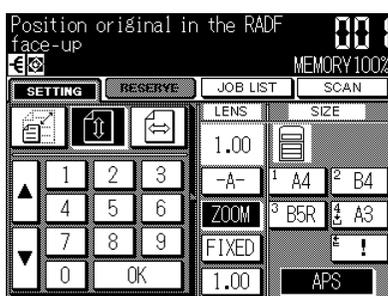
The popup menu for setting a zoom ratio will be displayed.

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .

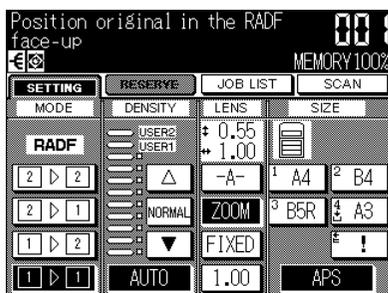
- 2** Touch  on the popup menu to highlight it, then set the vertical zoom ratio.

Similarly, touch  to highlight it, then set the horizontal zoom ratio.



- 3** Touch **OK**.

The popup menu disappears automatically and the specified zoom ratio will be displayed on the Basic Screen.



- 4** Select additional copy conditions, as desired.

- 5** Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

Vertical/Horizontal Zoom Mode (continued)

6 *Position original(s).*

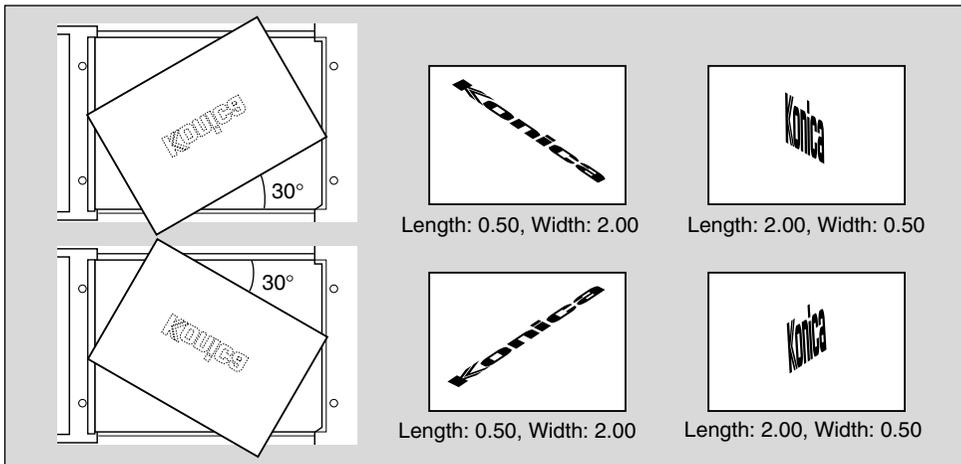


See p. 3-2 to p. 3-5 for details on positioning originals.

7 *Press*  **START**

FOR DETAILS

The figure shown below is the sample image using the Vertical/Horizontal Zoom with an original placed slantwise on the platen glass.



Programmed
Shut Off

Touch
Screens

Rotation

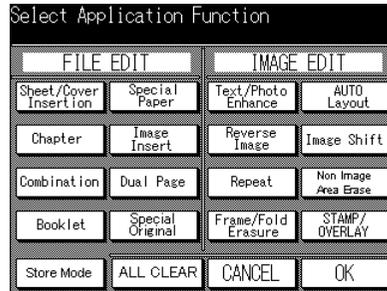
V/H Zoom

7
Advanced
Information

SECTION 8

Applications

How to Use Application Functions



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Application Selection Screen

Sheet/Cover Insertion

Chapter

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Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8
Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

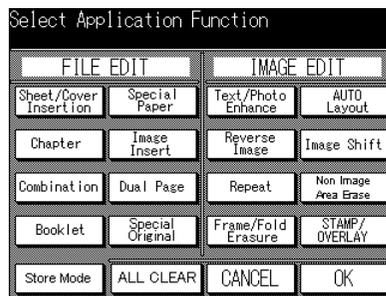
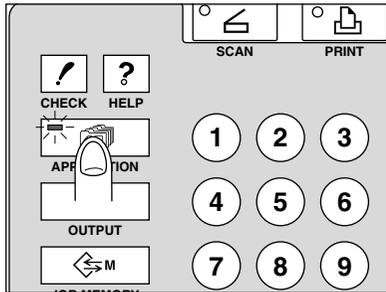
To Display Application Selection Screen

Follow the procedure below to display the Application Selection Screen and select the desired copying features.

1

Press  on the control panel.

The Application Selection Screen will be displayed on the touch panel.



To cancel individual functions in application mode, touch the highlighted key.

To restore the original copying conditions, touch .

To clear all Application settings, touch .

2

Touch  on the Application Selection Screen.

Selections will be completed and the Basic Screen will be restored.

With the Basic Screen displayed, you can press  to perform the operation.

FOR DETAILS

- When a function key is touched, it becomes highlighted. If you touch a function key, another screen or two will display to enable you to enter the appropriate settings.
- If one function on the menu is incompatible with another, it will appear dimmed.

FOR DETAILS

The indicator light on the  will be lit and  will be displayed on the Basic Screen when application selections have been made.

Inserting Sheets and Covers (Sheet/Cover Insertion)

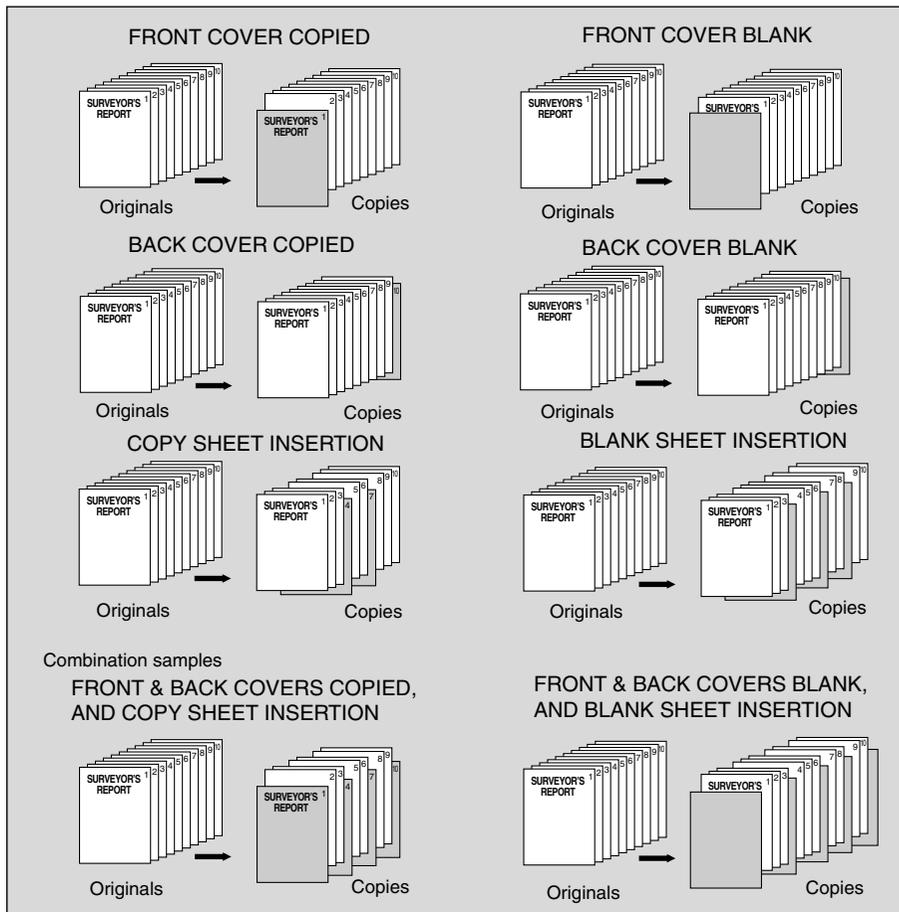
Use Sheet/Cover Insertion in copy mode or blank mode to insert chapter sheets or separator sheets into the finished set, as well as front and back covers. Sheet insertion from tray 1* may be used in conjunction with Front/Back cover insertion from tray 1* or the Multi-sheet bypass tray. If using the thick paper for front/back cover, select the Multi-sheet bypass tray for Front cover insertion. All other trays will be used for regular copied sheets.

HINTS

*: The source of insertions and covers can be shifted from tray 1 to tray 2, 3, 4, or Multi-sheet bypass tray by key operator. See p. 12-34 to p. 12-37.

Specifications for Sheet/Cover Insertion

- Use RADF.
- Trays for copy paper, front/back covers, and insertions should have the same paper size loaded. AMS (Automatic Magnification Selection) is automatically selected.
- Max. insert sheets: 15 locations, from 1~999, including front and back covers
- Incompatible Conditions: APS, Group, Chapter, Combination, Booklet, OHP Interleaving, Thin/Thick Paper, Image Insert, Dual page, Mixed Original, Repeat, AUTO Layout, Non-image Area Erase, STAMP (PAGE, SET NUMBERING)/OVERLAY



Application Selection Screen

Sheet/Cover Insertion

Chapter

Combination

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OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8
Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

Inserting Sheets and Covers (Sheet/Cover Insertion) (continued)

1

Load paper for copies, insertions and covers.

Load cover sheets into tray 1 or into Multi-sheet bypass tray, load insertion sheets into tray 1, and load regular sheets into copy paper tray source.

 Please Be Reminded!

- If thick covers are required, load thick paper into the Multi-sheet bypass tray.
- Be sure to load cover/insertion sheets of the same size as copy paper.

2

Press  on the control panel.



 Please Be Reminded!

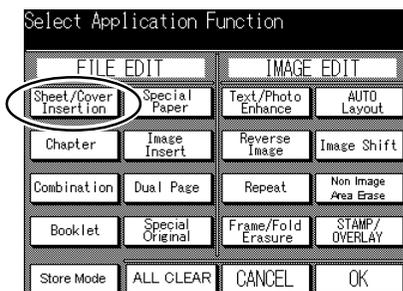
3

Touch  on the Application Selection Screen.



When starting a new copying job, be sure to close the RADF securely, then press  .

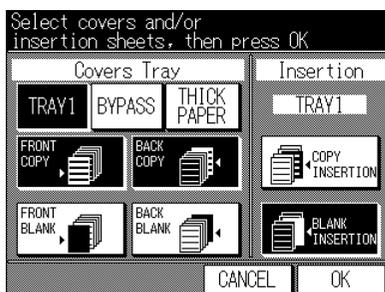
AUTO RESET



4

Select the desired function.

Example: Touch  to insert a copied front cover.



 FOR DETAILS

5

Select the tray from which the front/back cover is fed, if a cover is desired.

Selecting THICK PAPER will automatically select BYPASS at the same time.

Inserting Sheets and Covers (Sheet/Cover Insertion) (continued)

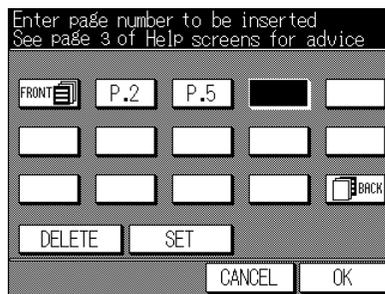
6 Touch **OK**.

Proceed to step 7 when Copy/Blank Insertion mode is selected.

When only Front/Back Cover mode is selected, the Application Selection Screen will be restored.

7 When selecting Insertion mode: Enter the page number.

Use the control panel keypad to enter the page number of insertion location.



Touch **SET** after each entry to move to the next key.

To clear an incorrect entry, touch **DELETE**. The insertion location will be deleted.

When all page numbers are entered, touch **OK** to return to the Sheet/Cover Insertion Screen.

Touch **OK** again to return to the Application Selection Screen.

8 Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.

9 Enter the desired print quantity from the control panel keypad.



See p. 8-6 for details on entering page numbers.



See p. 3-6 for details on setting print quantity.

Application Selection Screen

Sheet/Cover Insertion

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OHP Interleaving

Thin/Thick Paper

Image Insert

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Mixed Original

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Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

Inserting Sheets and Covers (Sheet/Cover Insertion) (continued)

10

Position originals FACE UP in the document feeder.



- For details on positioning originals, see p. 3-2.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

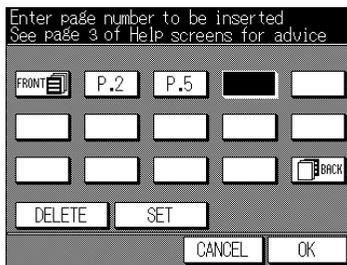
11

Press



CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.



FOR DETAILS

Entering Page Numbers

Fifteen keys are displayed on the screen to designate each insertion location.

The first (upper left) key displays the Front Cover icon if selected. The Back Cover icon appears, if selected, as the last (lower right) key.

Touch to highlight a blank key, then use the control panel keypad to enter the page number of insertion location.

Example: If p. 4 is entered in blank mode, a blank sheet will be inserted between p. 4 and p. 5; in copy mode, a copied sheet is inserted at p. 4.

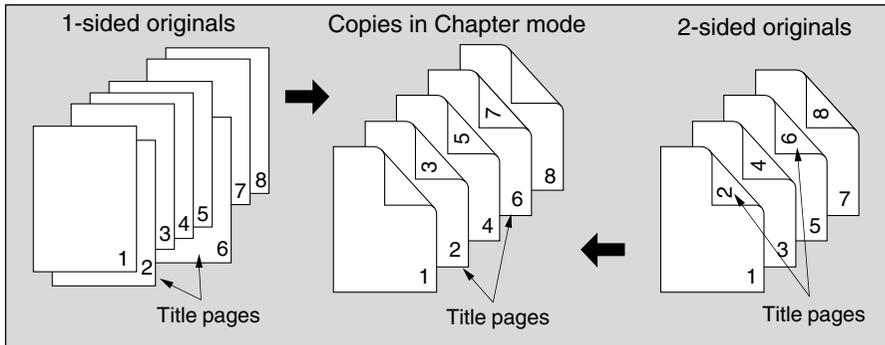
Locating Title Pages on the Right Side (Chapter)

Chapter is used with RADF in 1▶2 or 2▶2 mode for the purpose of locating title pages on the right side, rather than reverse side, of a duplex copy to improve the presentation of double-sided copies.

To effectively locate the title page on the right, a blank sheet will be automatically created on the reverse side of a sheet, if required.

Specifications for Chapter

- Use RADF.
- Max. title pages: 15 sheets, from 1 ~ 999
- Incompatible Conditions: 1▶1, 2▶1, Group, Sheet/Cover Insertion, Combination, OHP Interleaving, Thin/Thick Paper, Image Insert, Dual Page, Repeat, AUTO Layout, Non-image Area Erase, OVERLAY



1

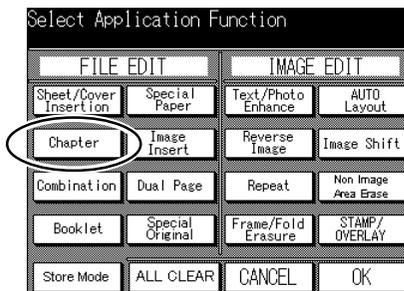
Press  on the control panel.

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .

2

Touch **Chapter** on the Application Selection Screen.



Application Selection Screen

Sheet/Cover Insertion

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OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8 Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

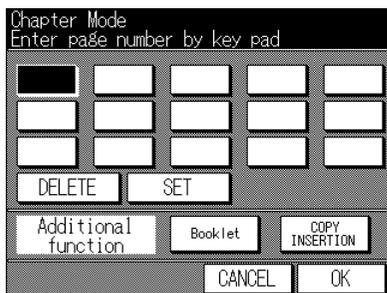
Image Shift

Non-Image Area Erase

STAMP/OVERLAY

3

Use the control panel keypad to enter the page number of each title page.



Touch **SET** after each entry to move to the next key.

To clear an incorrect entry, touch **DELETE**. The entered number will be deleted.

4

Touch **OK**.

The Application Selection Screen will be restored.

5

Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.

6

Enter the desired print quantity from the control panel keypad.

7

Position originals **FACE UP** in the document feeder.

8

Press  **START**.



CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

- Entering the same page number twice will be ignored on the screen.
- Chapter insertions occur in sequence even if original page numbers are entered out of sequence.
- When a page number is larger than the total original page count, insertion occurs as the last page of the document.

OPTION

Touch **Booklet** on the Chapter Page Setting Screen to use this function.

To change the selection of paper tray for copying title pages, touch **COPY INSERTION** on the screen.

HINTS

See p. 3-6 for details on setting print quantity.

HINTS

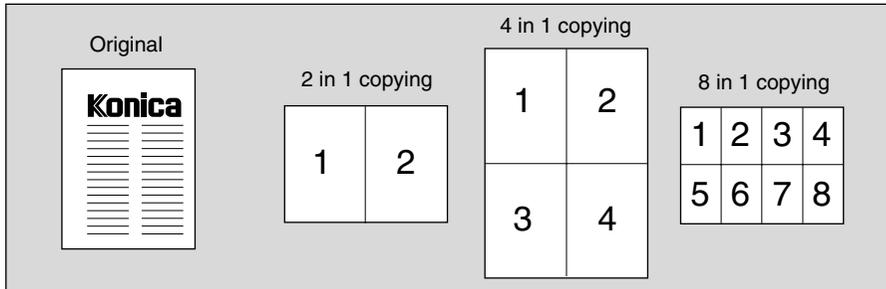
- For details on positioning originals, see p. 3-2 to p. 3-4.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

Lay Out Several Pages onto One Sheet (Combination)

Use this function to lay out and copy a fixed number (2, 4, or 8) of pages onto one sheet of copy paper (2 in 1, 4 in 1, or 8 in 1).

Specifications for Combination

- Use RADF.
- AMS is automatically selected. The paper size in tray 1 and original size are sensed, and the correct ratio will be automatically selected. (Tray source can be changed manually.)
- Incompatible Conditions: APS, Sheet/Cover Insertion, Chapter, Booklet, Image Insert, Dual page, Mixed Original, Non-standard Size, Flip Side 2, Repeat, Frame/Fold Erasure, AUTO Layout, Non-image Area Erase, OVERLAY

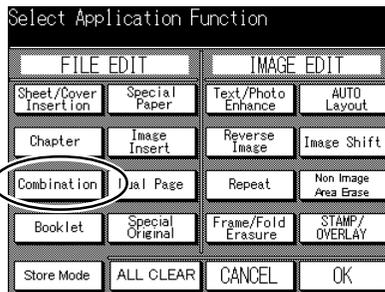


1

Press  on the control panel.

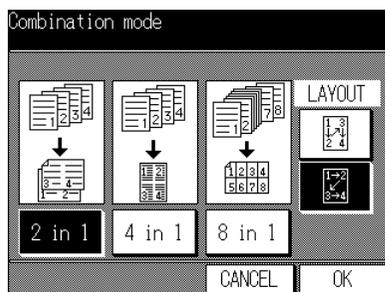
2

Touch **Combination** on the Application Selection Screen.



3

Select the desired Combination mode.



 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .

 FOR DETAILS

Touch **2 in 1**, **4 in 1** or **8 in 1**, and select one key between the two in the LAYOUT area, referring to the table on the following page.

Application Selection Screen

Sheet/Cover Insertion

Chapter

Combination

Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8 Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

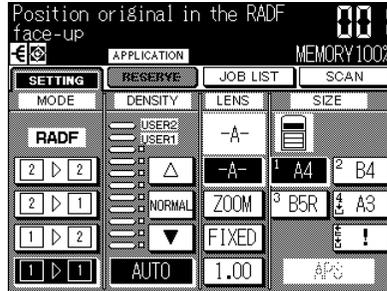
Lay Out Several Pages onto One Sheet (Combination) (continued)

4 Touch **OK**.

The Application Selection Screen will be restored.

5 Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.



FOR DETAILS

AMS is automatically selected, and tray 1 is selected. When selecting any other tray, touch the desired tray key.

6 Enter the desired print quantity from the control panel keypad.

HINTS

See p. 3-6 for details on setting print quantity.

7 Position originals **FACE UP** in the document feeder.

HINTS

- For details on positioning originals, see p. 3-2.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

8 Press **START**.

FOR DETAILS

Refer to the table below to select the desired Combination mode and layout order.

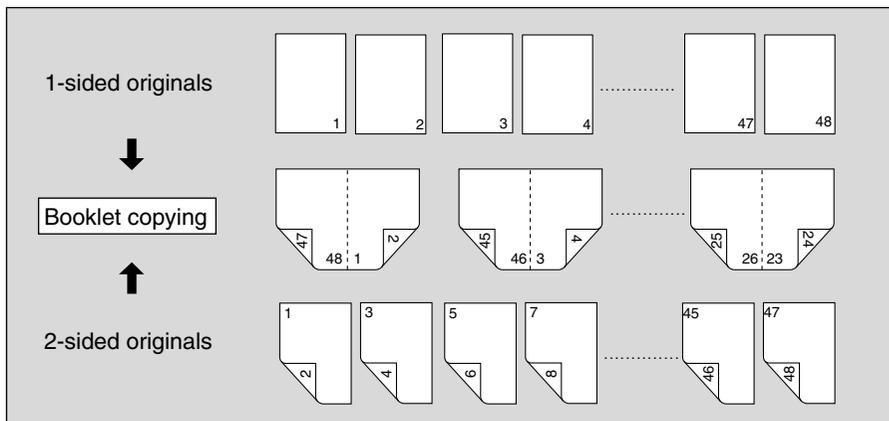
Original \ Layout	Horizontal order			Vertical order	
	2 in 1	4 in 1	8 in 1	4 in 1	8 in 1
Portrait type 					
Landscape type 					

Making a Multiple Page Signature Booklet (Booklet)

Use the Booklet to make a multiple page signature booklet on both sides of A3, B4, A4R, A4, or B5R paper. Original images are scanned into memory and automatically arranged in booklet format in correct order to create an easy to use finished document.

Specifications for Booklet

- Use RADF.
- Original pages should be a multiple of 4; otherwise blank pages are automatically inserted to the last.
- AMS is automatically selected. Select the desired paper size.
- Original size: A4R, A4, or B5
- Incompatible Conditions: APS, 1 ▶ 1, 2 ▶ 1, Staple, Group, Sheet/Cover Insertion, Combination, OHP Interleaving, Thin/Thick Paper, Mixed Original, Non-standard Size, Flip Side 2, Repeat, Fold erasure, AUTO Layout, Shift mode in Image Shift, Non-image Area Erase, STAMP (PAGE, SET NUMBERING)/OVERLAY



1

Load Copy Paper.

Load A3, B4, A4R, A4, or B5R copy paper in a tray.

2

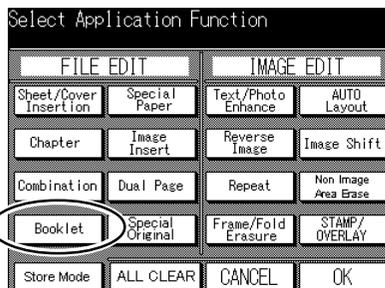
Press  on the control panel.

3

Touch **Booklet** on the Application Selection Screen.

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .



Application Selection Screen

Sheet/Cover Insertion

Chapter

Combination

Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8
Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

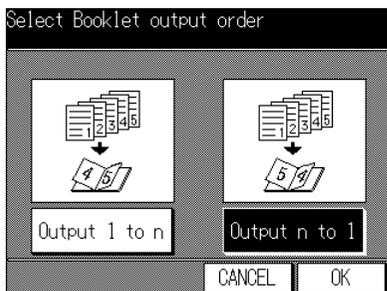
Image Shift

Non-Image Area Erase

STAMP/OVERLAY

4

Touch to highlight the desired output order key.



5

Touch OK.

The Application Selection Screen will be restored.

6

Touch OK on the Application Selection Screen.

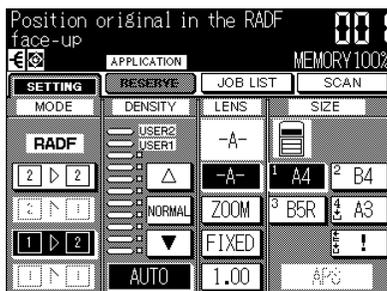
The Basic Screen will be restored.
AMS is selected automatically.

7

Select the tray in which you loaded copy paper in step 1.

8

Select the 1 > 2 or 2 > 2 copy mode.



9

Enter the desired print quantity from the control panel keypad.



To release AMS, select the desired magnification, then select paper size.



See p. 3-6 for details on setting print quantity.

10

**Position originals in the document feeder
FACE UP in portrait orientation (□).**



- For details on positioning originals, see p. 3-2.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

11

Press  .



CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.



Original pages should be a multiple of 4; otherwise blank pages are automatically inserted to the last.

Application Selection Screen

Sheet/Cover Insertion

Chapter

Combination

Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8
Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

Copying onto OHP Films (OHP Interleaving)

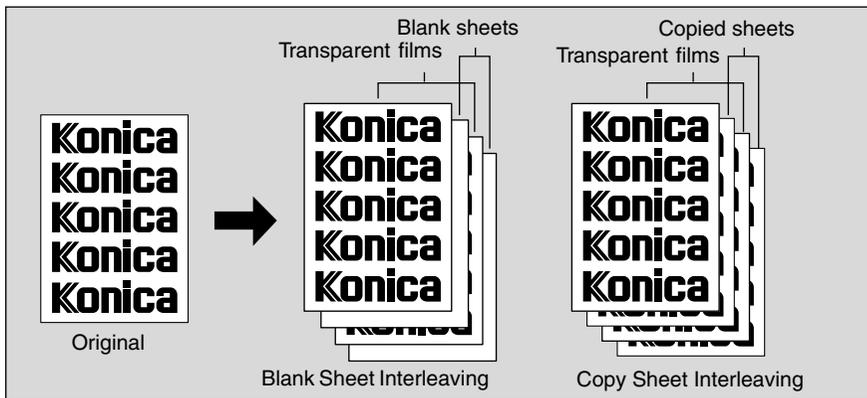
Use the OHP Interleaving function in 1▶1 or 2▶1 mode to copy onto overhead projection transparent films, and output a blank or copied interleaf sheet with each copied transparent film.

In the Blank sheet interleaving mode, a blank interleaf sheet is output with each transparent film to keep the film material from sticking together.

In the Copy sheet interleaving mode, a copied interleaf sheet is output with each transparent film to provide reference during a presentation; a medium for photocopying; and a set for filing or inserting into a binder.

Specifications for OHP Interleaving

- Transparent film source: Multi-sheet bypass tray
- Print quantity: 1
- AMS is automatically selected.
- Incompatible Conditions: APS, 1▶2, 2▶2, Sort, Staple, Group, Sheet/Cover Insertion, Chapter, Booklet, Thin/Thick Paper, Image Insert, Mixed Original, Repeat



1

Insert a sheet of transparent film into the Multi-sheet bypass tray.

Please Be Reminded!

Do not load transparent films into any other tray.

2

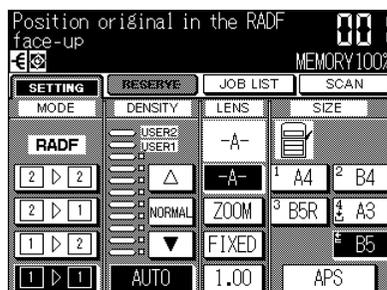
When interleaf sheet is needed, load copy paper in tray 1, 2, 3, or 4 to match the size of transparent films.

3

Select the Multi-sheet bypass tray on the Basic Screen.

Please Be Reminded!

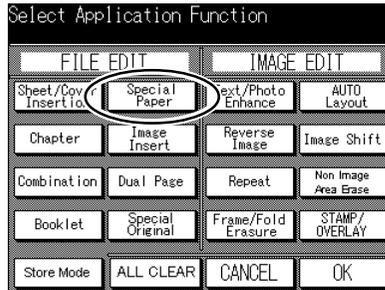
When starting a new copying job, be sure to close the RADF securely, then press  .



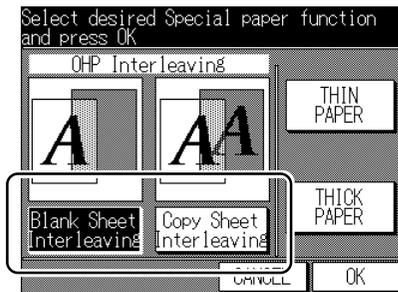
Copying onto OHP Films (OHP Interleaving) (continued)

4 Press  on the control panel.

5 Touch  on the Application Selection Screen.



6 Select the desired OHP Interleaving mode, then touch .



7 Touch  on the Application Selection Screen.

The Basic Screen will be restored.

8 Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.

9 Press .

FOR DETAILS

AMS is selected automatically. To release AMS, select the desired magnification. Print quantity is already set to 1. Not available to enter any other number.

HINTS

For details on positioning originals, see p. 3-2 to p. 3-5.

Application Selection Screen

Sheet/Cover Insertion

Chapter

Combination

Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8
Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

Copying onto Thin/Thick Paper (Thin/Thick Paper)

Use this function to select the appropriate mode when copy paper is thin or thick.

Specifications for Thin/Thick Paper

- Thin/Thick paper source: Multi-sheet bypass tray
- Print quantity: 1
- Incompatible Conditions: 1▶2, 2▶2, Sort, Staple, Group, Rotation exit, Sheet/Cover Insertion, Chapter, Booklet, OHP Interleaving, Mixed Original

1

Insert a sheet of thin or thick paper into the Multi-sheet bypass tray.

Please Be Reminded!



Do not load thin/thick paper into any other tray.

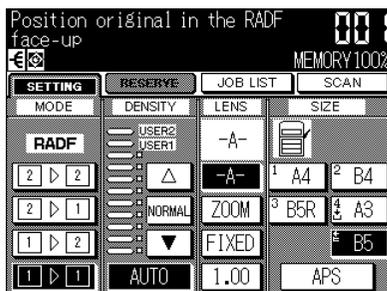
2

Select the Multi-sheet bypass tray on the Basic Screen.

Please Be Reminded!



When starting a new copying job, be sure to close the RADF securely, then press  .

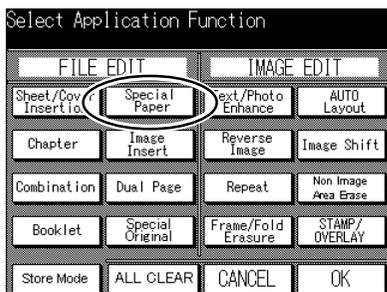


3

Press  on the control panel.

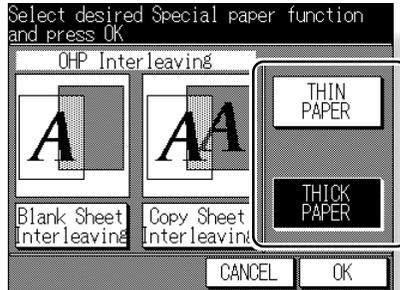
4

Touch  on the Application Selection Screen.



Copying onto Thin/Thick Paper (Thin/Thick Paper) (continued)

- 5** Select the desired mode key, then touch **OK**.



- 6** Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.

- 7** Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.



For details on positioning originals, see p. 3-2 to p. 3-5.

- 8** Press .

Application Selection Screen

Sheet/Cover Insertion

Chapter

Combination

Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8
Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

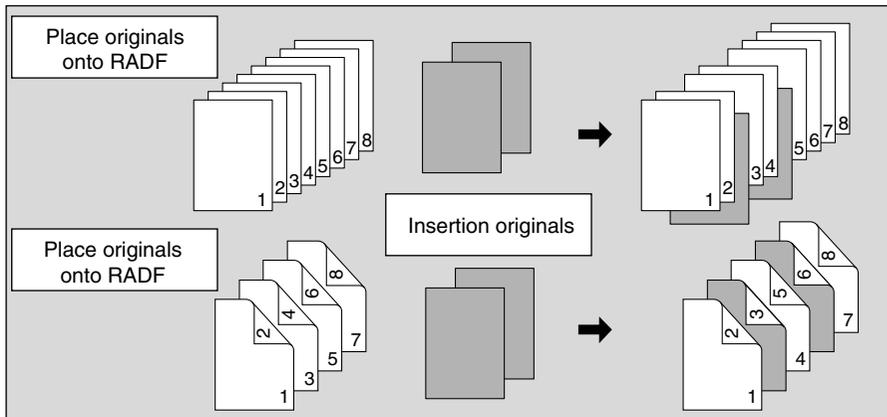
STAMP/OVERLAY

Inserting Images into Printed Sets (Image Insert)

Use the Image insert mode to combine images scanned from the platen glass, such as photos, paste-ups, newspaper articles, graphs, etc., with images scanned from the document feeder. Then, output the combined images as a finished set. The selected copy paper size is determined by the size of originals loaded in the document feeder.

Specifications for Image Insert

- ❑ This function is available for the machine equipped with the RADF.
- ❑ Max. image insert: 15 locations, from p. 1 to p. 999
- ❑ Incompatible Conditions: Group, Sheet/Cover Insertion, Chapter, Combination, OHP Interleaving, Dual Page, Mixed Original, Non-standard Size, Repeat, AUTO Layout, Image Shift, Non-image Area Erase, OVERLAY



1

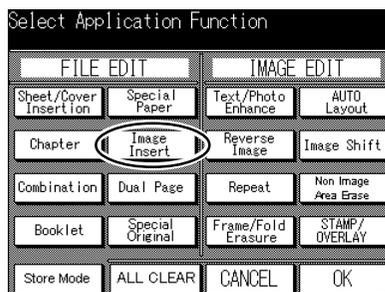
Press  on the control panel.

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .

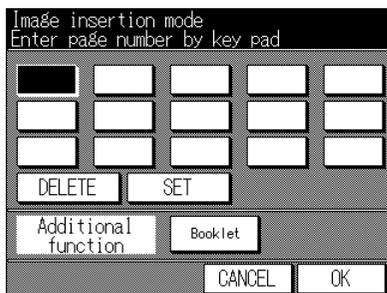
2

Touch  on the Application Selection Screen.



3

Use the control panel keypad to enter the page number.



Touch **SET** after each entry to move to the next key.

To clear an incorrect entry, touch **DELETE**. The entered page number will be deleted.

4

Touch **OK.**

The Application Selection Screen will be restored.

5

Touch **OK on the Application Selection Screen.**

The Basic Screen will be restored.

6

Enter the desired print quantity from the control panel keypad.

7

Scan the document feeder images.

Position originals FACE UP in the document feeder.

8

Touch **SCAN on the Basic Screen.**

The originals positioned in the document feeder will be scanned into memory.



See p. 8-20 for detailed example.



- When a page number is larger than the total original count, a sheet is inserted as the last page.
- Entering the same page number twice will insert two sheets at that location.
- Insertions occur in sequence, even if page numbers are entered out of sequence.



Touch **Booklet** on the Image Insertion Page Setting Screen to use this function.



See p. 3-6 for details on setting print quantity.



If the number of originals exceeds 50, divide them into blocks not exceeding 50 sheets and load them from the block with the first page.

Application Selection Screen

Sheet/Cover Insertion

Chapter

Combination

Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8 Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

9 **Scan the platen glass images.**

Open the document feeder.
Position an original **FACE DOWN** on the platen glass, then close the document feeder.

Please Be Reminded!

PLACE AND SCAN THE ORIGINALS ACCORDING TO PAGINATION.

10 **Touch SCAN on the Basic Screen.**

Repeat steps 9 and 10 for all originals.



- Memory overflow may occur during scanning. See p. 5-10 to p. 5-11.
- Should memory overflow occur frequently, it is recommended that you contact your Konica service centre to extend the memory capacity in your machine.

11 **Press .**

The copier will start printing when ready for output.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

Entering Page Numbers

To insert more than one sheet at the same location, enter the page number repeatedly.

For example, if insertion locations are [2/2/6], scanned platen images will be inserted as follows:

The first scanned platen image will be inserted after page 2.

The second scanned platen image will be inserted directly after the first scanned Image insertion.

The third scanned platen image will be inserted after page 6.

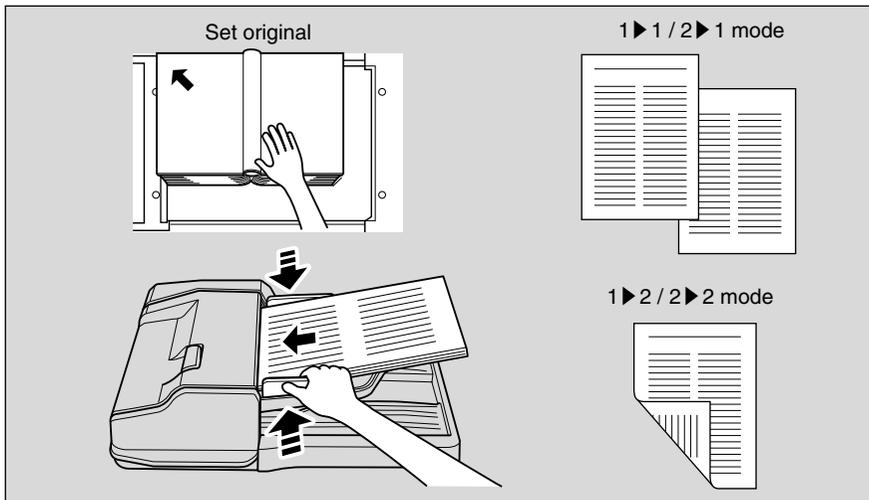
Dividing an Image into Right and Left Pages (Dual Page)

The Dual Page mode performs image division on the original image. Use Dual Page to copy an open book or a A3/B4 size sheet onto two A4/B5 sheets in 1▶1 or 2▶1 mode, or onto the front and back sides of one A4/B5 sheet in 1▶2 or 2▶2 mode. The following three modes can be selected from the Dual Page Screen.

- Facing Pages mode: Image division starts from the first scan.
- Front Cover + Facing Pages mode: Image division starts from the second scan, after the first scan copies normally.
- Front/Back + Facing Pages mode: Image division starts from the third scan, after the first and second scan copy normally.

Specifications for Dual Page

- Store mode is automatically selected.
- Paper size: A4, B5, 8.5"x11"
- Incompatible Conditions: APS, Sheet/Cover Insertion, Chapter, Combination, Image Insert, Mixed Original, Folded Original, Non-standard Size, Flip Side 2, Repeat, Fold Erasure, Image Shift, STAMP/OVERLAY

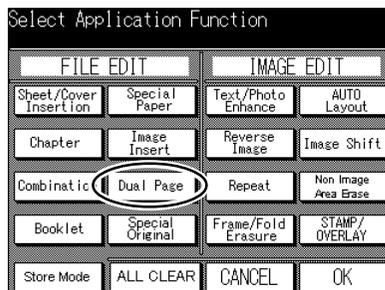


1 Press  on the control panel.

2 Touch **Dual Page** on the Application Selection Screen.

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .



Application Selection Screen

Sheet/Cover Insertion

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Combination

Booklet

OHP Interleaving

Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8
Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

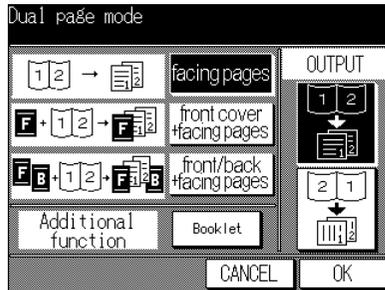
STAMP/OVERLAY

Dividing an Image into Right and Left Pages (Dual Page) (continued)

3

Select the desired Dual Page mode.

Touch to highlight the desired mode key.



Touch **Booklet** on the Dual Page Screen to use this function.

4

Select the scanning order.

Touch either key in the OUTPUT section to select the scanning order according to the original.

5

Touch **OK**.

The Application Selection Screen will be restored. Store Mode is automatically selected on the screen.

6

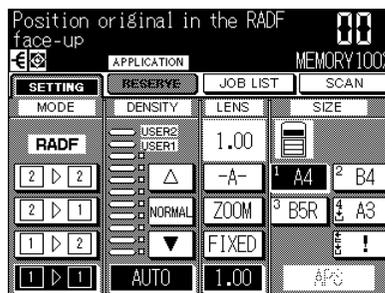
Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.

7

Select the desired paper size.

Make additional feature selections, as desired.



- Available paper size is A4, B5, or 8.5"x11".
- When facing pages mode is selected, AMS is automatically selected. Select the desired paper size, and select 1 ► 1 or 1 ► 2 copy mode if scanning from the platen glass.
- When front cover + facing pages or front/back + facing pages mode is selected, 1.00 magnification is automatically selected. Change the magnification after scanning cover(s), if desired.

Dividing an Image into Right and Left Pages (Dual Page) (continued)

8

Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

9

Position original(s).

When using platen glass to scan, position the first page FACE DOWN with document feeder kept open.

When using document feeder, position original(s) FACE UP.



For details on scanning originals in front cover + facing pages and front/back + facing pages mode, see the description on the following page.

10

Touch SCAN on the Basic Screen.

Repeat steps 9 and 10 for all originals.



When using platen glass, Non-Image Area Erase and AUTO Layout are automatically selected. DO NOT CLOSE the document feeder throughout the scanning job.

11

Press  .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

Application Selection Screen

Sheet/Cover Insertion

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OHP Interleaving

Thin/Thick Paper

Image Insert

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8 Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

Dividing an Image into Right and Left Pages (Dual Page) (continued)



Scanning Original for Cover

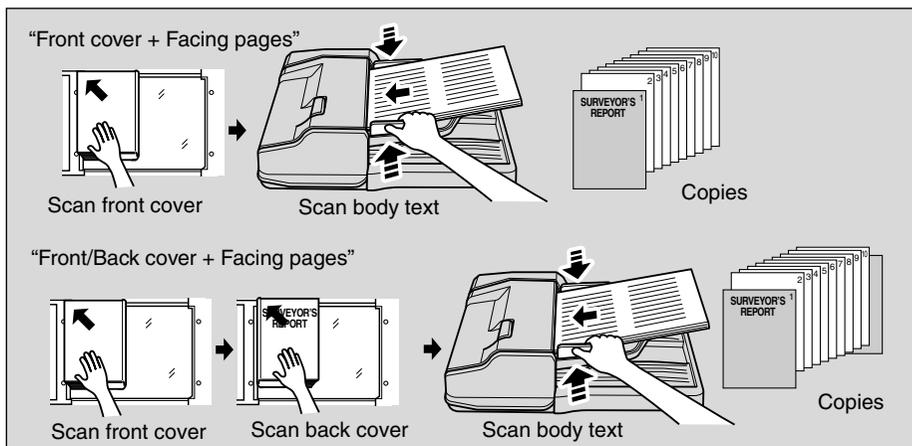
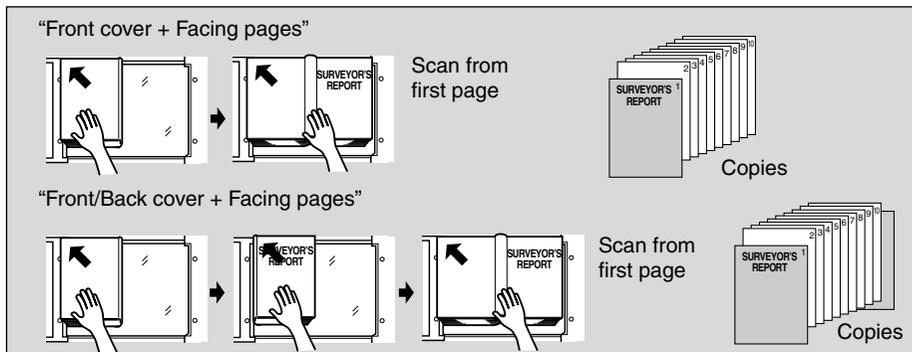
Use platen glass for scanning original for cover.

- 1 Open the document feeder.
- 2 Position original for front cover FACE DOWN on the platen glass.
- 3 Touch **SCAN** on the Basic Screen to start scanning.
- 4 When front/back + facing pages is selected, scan original for back cover according to the above steps 2 and 3.
- 5 Use platen glass or document feeder, as required, for scanning body text originals.
To output the set in the same order as the originals, start scanning from the first page.
- 6 Touch **SCAN** on the Basic Screen to start scanning.
- 7 Repeat steps 5 and 6 for subsequent originals.



Please Be Reminded!

- Memory overflow may occur during scanning. See p. 5-10 to p. 5-11.
- When using platen glass, Non-Image Area Erase and AUTO Layout are automatically selected. DO NOT CLOSE the document feeder throughout the scanning job.



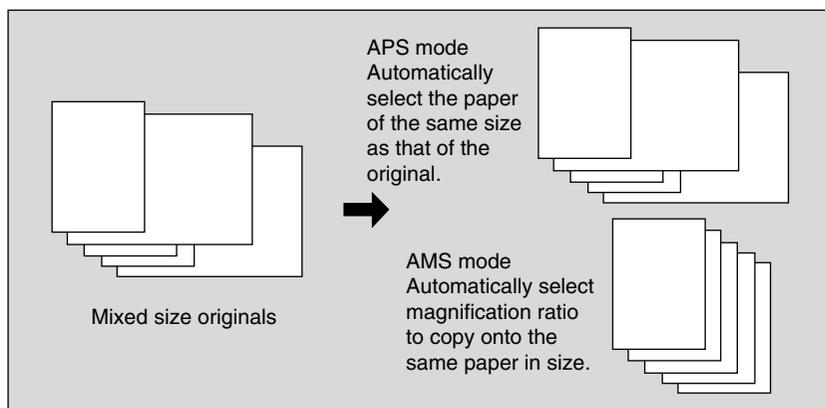
Copying Mixed Size Originals (Mixed Original)

Use the Mixed original mode with the document feeder or with the Store mode to copy [A3, B4, A4R, A4, B5, and A5 originals mixed], [B4, A4R, B5, B5R, and A5 originals mixed], or [A4R, B5R, and A5 originals mixed].

Each original in the mixed set will be copied to paper of the same size (APS mode) or to paper of desired size with appropriate ratio automatically selected (AMS mode).

Specifications for Mixed Original

- Use RADF. Up to 50 sheets can be set at a time.
- Combination of original sizes to be mixed depends on the width of the RADF original guides. See p. 9-6 for details.
- Incompatible Conditions: Using platen glass, Sheet/Cover Insertion, Combination, Booklet, OHP Interleaving, Thin/Thick Paper, Image Insert, Dual Page, Folded Original, Non-standard Size, Flip Side 2, Repeat, Fold Erasure, AUTO Layout, Image Shift, Non-image Area Erase, STAMP/OVERLAY



1

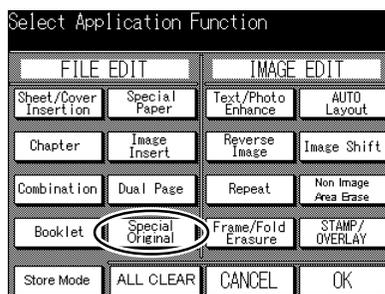
Press  on the control panel.

 Please Be Reminded!

2

Touch  on the Application Selection Screen.

When starting a new copying job, be sure to close the RADF securely, then press .



Application Selection Screen

Sheet/Cover Insertion

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Thin/Thick Paper

Image Insert

Dual Page

Mixed Original

Folded Original

8 Applications

Non-Standard Size

Flip Side 2

Text/Photo Enhance

Reverse Image

Repeat

Frame/Fold Erasure

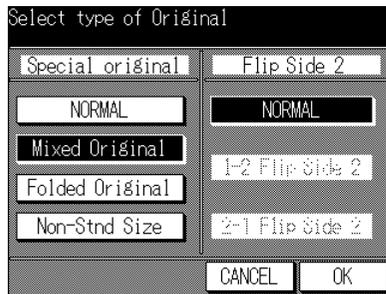
AUTO Layout

Image Shift

Non-Image Area Erase

STAMP/OVERLAY

3 Touch **Mixed Original** on the **Special Original Screen**.



4 Touch **OK**.

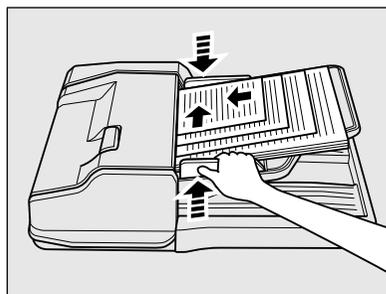
The Application Selection Screen will be restored.

5 Touch **OK** on the **Application Selection Screen**.

The Basic Screen will be restored.

6 Enter the desired print quantity from the control panel keypad.

7 Position mixed originals **FACE UP** in the document feeder.



8 Press **START**.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

- APS mode is automatically selected to copy each original size to a matching paper size in 1:1 mode. Change magnification manually, if desired.
- To select AMS, touch the tray key on the Basic Screen to select the desired paper size.

HINTS

See p. 3-6 for details on setting print quantity.

HINTS

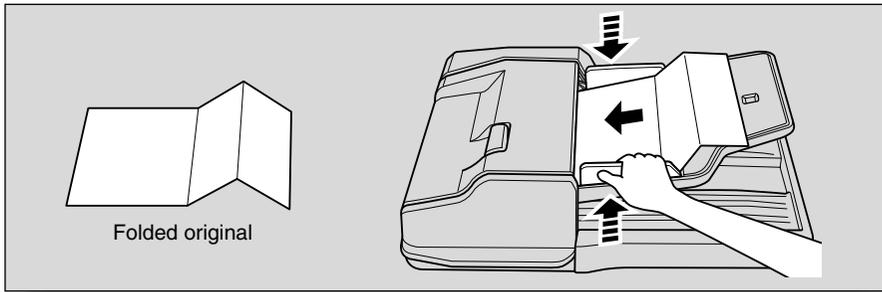
- For details on positioning originals, see p. 3-3.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

Copying Folded Originals (Folded Original)

Use the Folded original mode with the document feeder to copy folded originals. Otherwise, the size detection sensor of the RADF may function incorrectly. This mode requires more scanning time to detect the original size.

Specifications for Folded Original

- Use RADF. Up to 50 sheets can be set at a time.
- Incompatible Conditions: Using platen glass, Dual Page, Mixed Original, Non-standard Size, AUTO Layout, Non-image Area Erase



1

Press  on the control panel.

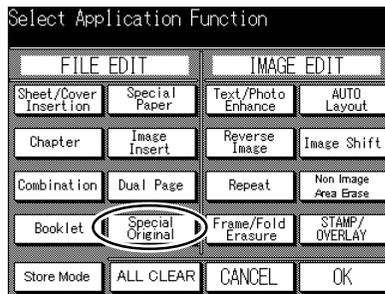
2

Touch  on the Application Selection Screen.

Please Be Reminded!

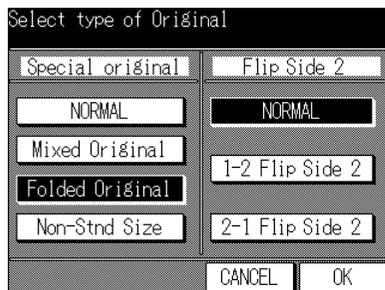


When starting a new copying job, be sure to close the RADF securely, then press .



3

Touch  on the Special Original Screen.



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Copying Folded Originals (Folded Original) (continued)

4 Touch .

The Application Selection Screen will be restored.

5 Touch  on the *Application Selection Screen*.

The Basic Screen will be restored.

6 Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

7 Position folded original(s) **FACE UP** in the document feeder.

Normal originals can also be loaded at the same time.



- For details on positioning originals, see p. 3-4.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

8 Press .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

Copying Non-Standard Size Originals (Non-Standard Size)

Feeding special size originals through the RADF without selecting the Non-standard size mode may cause the copier to stop scanning and mistakenly sense that the size detection sensor has malfunctioned or even cause a paper misfeed. Using Non-standard size mode, the copier will search and copy onto the standard size copy paper that is closest to the original size with no interruption to the copying process.

Specifications for Non-standard Size

- Use RADF. Platen glass is not available.
- Incompatible Conditions: APS, AMS, Combination, Booklet, Image Insert, Dual Page, Mixed Original, Folded Original, Flip Side 2, Repeat, Frame/Fold erasure, AUTO Layout, Image Shift, Non-image Area Erase, STAMP/OVERLAY

1

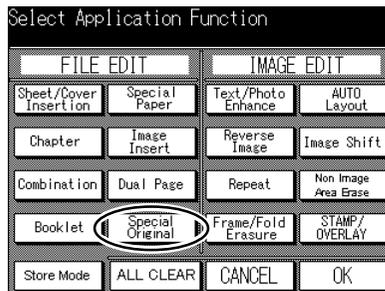
Press  on the control panel.

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .

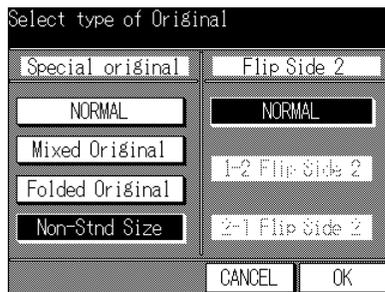
2

Touch  on the Application Selection Screen.



3

Touch  on the Special Original Screen.



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Copying Non-Standard Size Originals (Non-Standard Size) (continued)

4 Touch .

The Application Selection Screen will be restored.

5 Touch  on the *Application Selection Screen*.

The Basic Screen will be restored.

6 Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

7 Position original(s) **FACE UP** in the document feeder.



- For details on positioning originals, see p. 3-2.
- Use RADF store mode (p. 3-20 to p. 3-21) when the original count exceeds 50.

8 Press .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

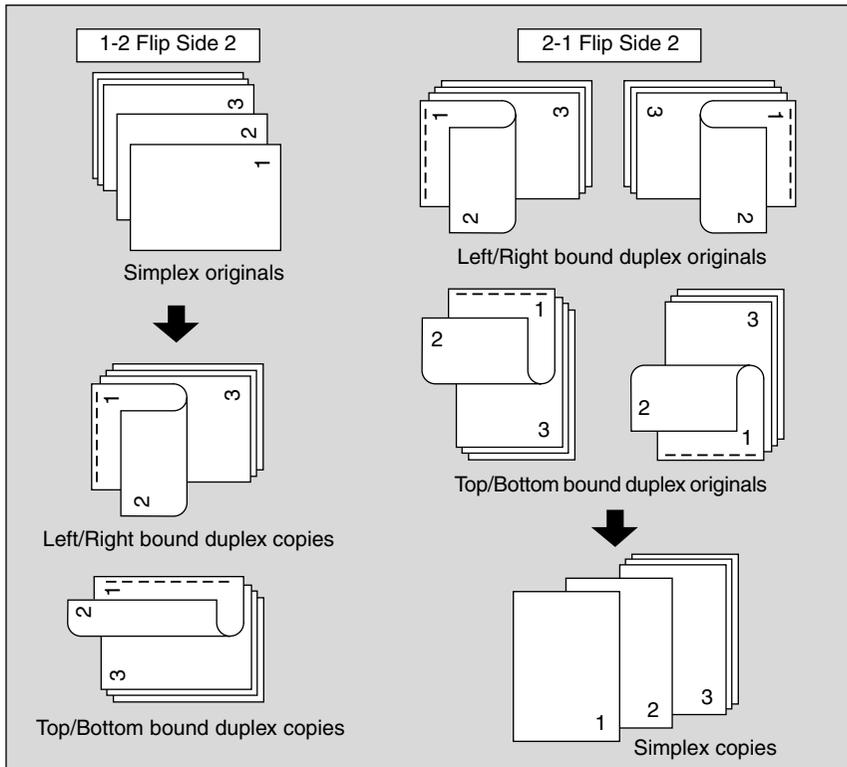
Reverse the Second Side in 1▶2 Mode (Flip Side 2)

1-2 Flip Side 2 arranges the even pages of the simplex originals upside down on the reverse side of duplex copies, this is especially valuable when coping A3 portrait on to A4.

Similarly, 2-1 Flip Side 2 rearranges the reverse sides of duplex originals which read upside down to make normal simplex copies.

Specifications for Non-standard Size

- Incompatible with 1-2 Flip Side 2: 1▶1, 2▶2, 2▶1, OHP Interleaving, Thin/Thick Paper
- Incompatible with 2-1 Flip Side 2: 1▶1, 1▶2, 2▶2
- Incompatible with both: Combination, Booklet, Dual Page, Mixed Original, Non-standard Size, Repeat, AUTO Layout, Image Shift, Non-image Area Erase, OVERLAY



1

Press  on the control panel.



Please  Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .

AUTO RESET

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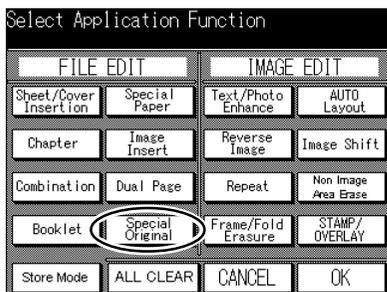
Non-Image Area Erase

STAMP/OVERLAY

Reverse the Second Side in 1►2 Mode (Flip Side 2) (continued)

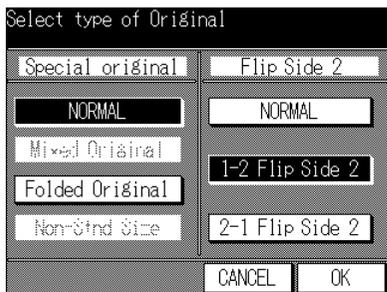
2

Touch **Special Original** on the **Application Selection Screen**.



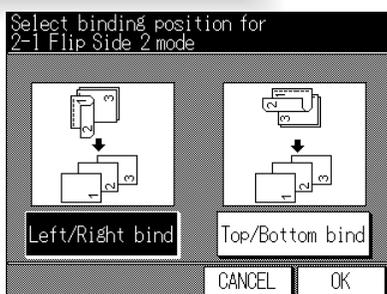
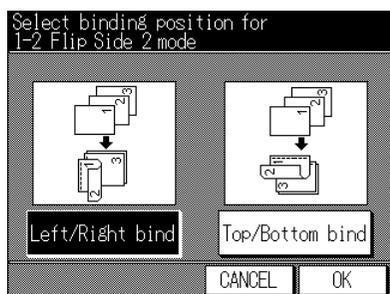
3

Touch **1-2 Flip Side 2** or **2-1 Flip Side 2** on the **Special Original Screen**.



4

Touch to select the binding type of copies/originals, then touch **OK**.



FOR DETAILS

For 1-2 Flip Side 2, select the binding type of duplex copies (see the upper screen).
For 2-1 Flip Side 2, select the binding type of duplex originals (see the lower screen).

Reverse the Second Side in 1►2 Mode (Flip Side 2) (continued)

5 Touch **OK** on the *Special Original Screen*.

The Application Selection Screen will be restored.

6 Touch **OK** on the *Application Selection Screen*.

The Basic Screen will be restored.

7 Enter the desired print quantity from the control panel keypad.

8 Position originals **FACE UP** in the document feeder.

9 Press  .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

 Please Be Reminded!

- 1-2 Flip Side 2 functions only when 1►2 copy mode is selected.
- 2-1 Flip Side 2 functions only when 2►1 copy mode is selected and RADF is used.



See p. 3-6 for details on setting print quantity.



- For details on positioning originals, see p. 3-2.
- Platen glass is available for scanning originals when 1-2 Flip Side 2 is selected. See p. 3-17 to p. 3-18.

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Making Copy Quality Closer to Originals (Text/Photo Enhance)

Use this function to enhance the reproducibility of half tones so that the copy quality more closely matches that of the original.

Photo Mode

Use the Photo mode to reproduce a half-tone photo image. The copy will closely represent the half-tones of the original image.

Text Mode

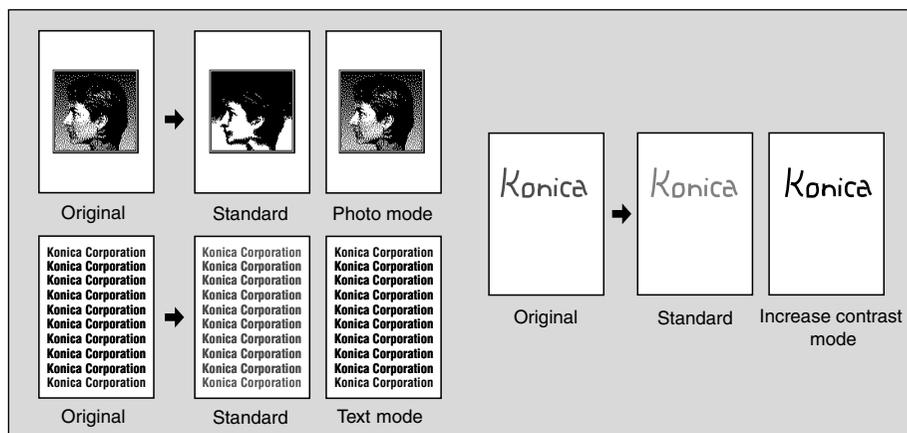
Use the Text mode when copying the text original. In this mode, text is improved in comparison to using the general mode.

Increase Contrast Mode

Select Increase Contrast to darken lightly printed images (e.g., pencil) without changing background exposure. In cases where the image is light and background is dark, the background will not be changed.

Specifications for Text/Photo Enhance

- Incompatible Condition: None



1

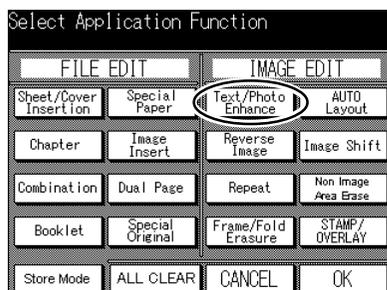
Press  on the control panel.

2

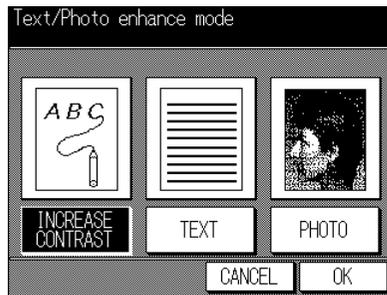
Touch  on the Application Selection Screen.

 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .



3 Touch the desired mode key on the Text/Photo Enhance Screen.



HINTS

The key operator can set the copier to shift each of nine density levels into two levels of lighter and three levels of darker for each of the four modes, i.e., Text/Photo (general), Text, Photo, and Increase Contrast. See p. 12-40.

4 Touch **OK**.

The Application Selection Screen will be restored.

5 Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.

6 Enter the desired print quantity from the control panel keypad.

HINTS

See p. 3-6 for details on setting print quantity.

7 Position original(s) FACE UP in the document feeder or FACE DOWN on the platen glass.

HINTS

For details on positioning originals, see p. 3-2 to p. 3-5.

8 Press .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

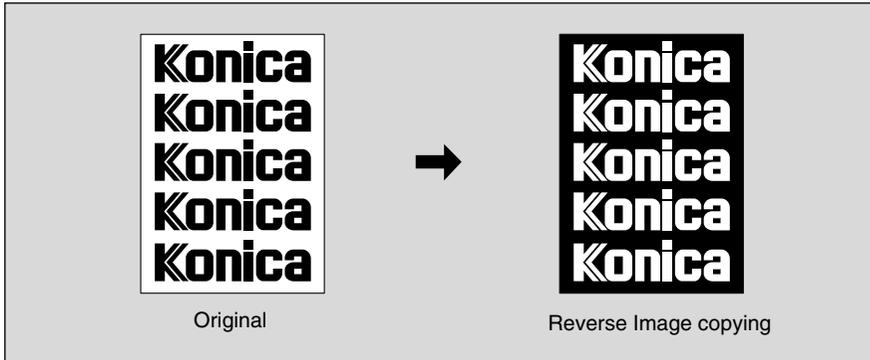
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Reversing Colour in Black and White Image (Reverse Image)

Use Reverse image to reverse the image from black-on-white to white-on-black, and vice versa. This is very good for copying white-on-black originals and reversing them ready to fax.

Specifications for Reverse Image

- Incompatible Conditions: AUTO detection mode in Repeat, AUTO Layout, Non-Image Area Erase



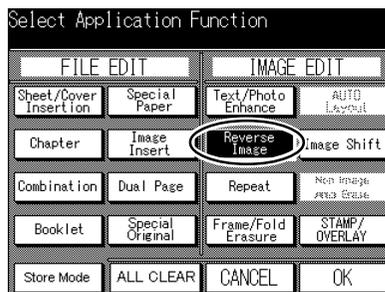
1 Press  on the control panel.

Please Be Reminded!

2 Touch  on the Application Selection Screen.

When starting a new copying job, be sure to close the RADF securely, then press  .

The incompatible function keys will be dimmed to show inactivity.



3 Touch  on the Application Selection Screen.

The Basic Screen will be restored.

Reversing Colour in Black and White Image (Reverse Image) (continued)

4 Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

5 Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.



For details on positioning originals, see p. 3-2 to p. 3-5.

6 Press  .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

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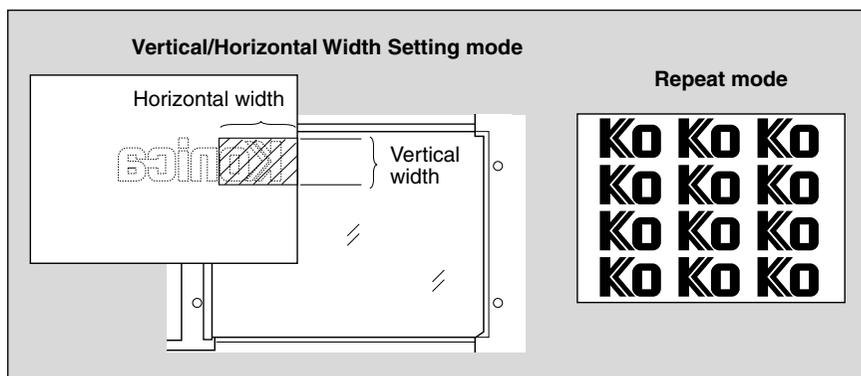
STAMP/OVERLAY

Repeating Selected Image Area (Repeat: Vert./Horiz. Mode)

Use this function to repeat the selected image area of 10mm ~ 150mm in both vertical and horizontal widths measured from the rear right corner of the A3 original area indicated on the right edge of the platen glass.

Vertical/Horizontal Width Setting Mode Specifications

- ❑ Use the platen glass. (Document feeder cannot be used.)
- ❑ Incompatible Conditions: Using RADF, 2▶2, 2▶1, APS, AMS, Sort, Staple, Group, Sheet/Cover Insertion, Chapter, Combination, Booklet, OHP Interleaving, Image Insert, Dual Page, Mixed Original, Folded Original, Non-standard Size, Flip Side 2, Frame/Fold Erasure, AUTO Layout, Image Shift, Non-image Area Erase, STAMP/OVERLAY

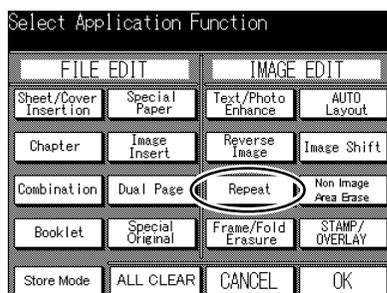


1 Press  on the control panel.

Please Be Reminded!

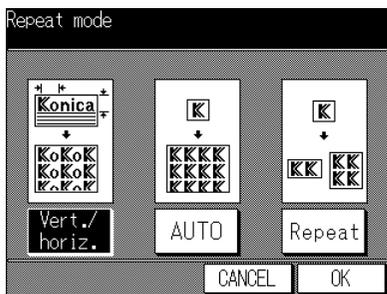
When starting a new copying job, be sure to close the RADF securely, then press  .

2 Touch **Repeat** on the Application Selection Screen.

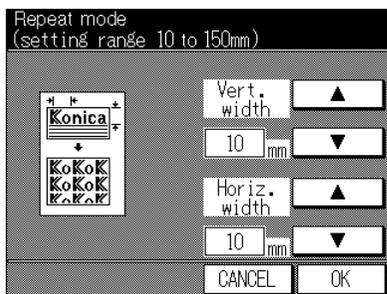


Repeating Selected Image Area (Repeat: Vert./Horiz. Mode) (continued)

- 3** Touch **Vert./horiz.** on the Repeat Mode Selection Screen.



- 4** Specify the vertical and horizontal widths of the scanning area using **▲** or **▼**.



FOR DETAILS

The scanning area can be specified from 10~150 mm in 1 mm increments. Keep touching the key to increase or decrease the value continuously.

- 5** Touch **OK**.
The Repeat Mode Selection Screen will be restored.

- 6** Touch **OK** on the Repeat Mode Selection Screen.
The Application Selection Screen will be restored.

- 7** Touch **OK** on the Application Selection Screen.
The Basic Screen will be restored.

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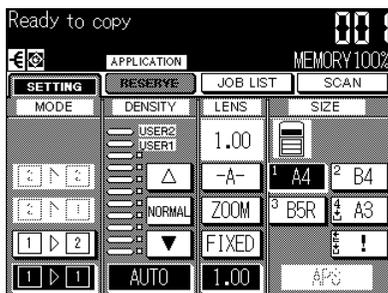
AUTO Layout

Image Shift

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8 Select the desired magnification and paper size on the Basic Screen.



FOR DETAILS

- APS and AMS are automatically released, and 1.00 (100%) is selected as a magnification ratio.
- Copy mode is automatically set to 1 ▶ 1. When selecting 1 ▶ 2 mode, Platen store mode will function automatically.

9 Enter the desired print quantity from the control panel keypad.

HINTS

See p. 3-6 for details on setting print quantity.

10 Position original **FACE DOWN** on the platen glass.

HINTS

See the illustration on p. 8-38 for details.

11 Press  .

CAUTION

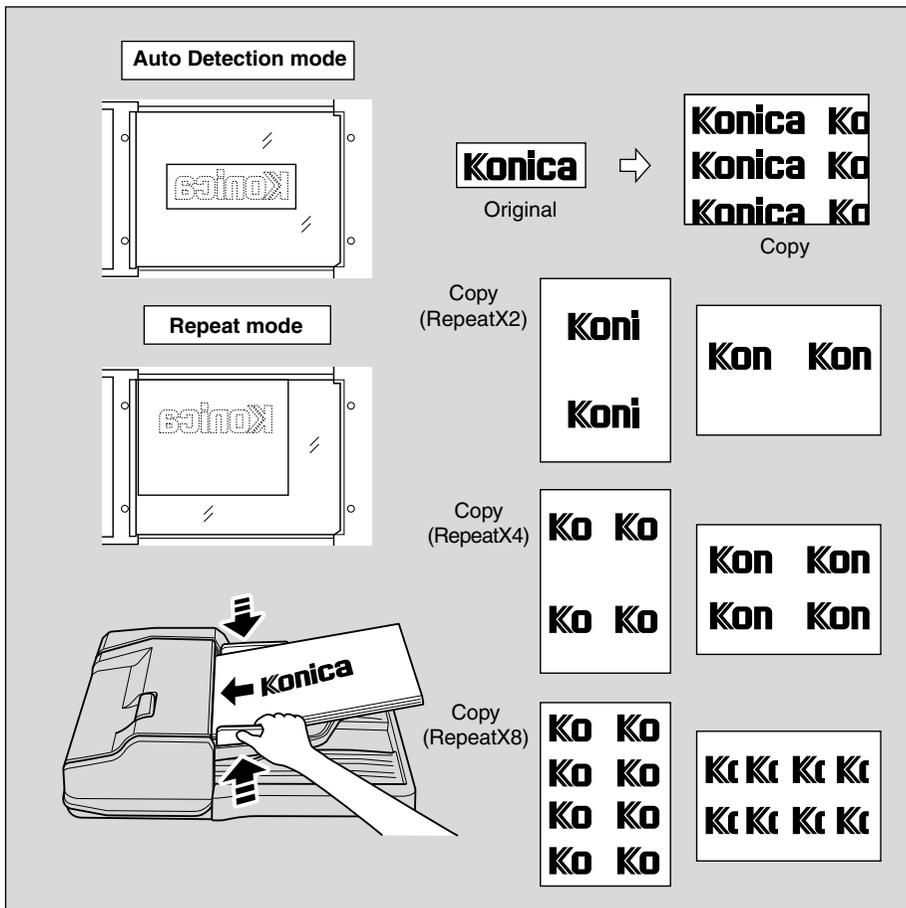
When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

Repeating Automatically or Selecting Repeating Times (Repeat: AUTO/ Repeat Mode)

Auto Detection mode will automatically set the equal repeat area to the size of the original placed onto the platen glass by activating Non-image area erase. Repeat mode will scan the image area specified by the selected paper size and mode (RepeatX2, RepeatX4, or RepeatX8), then arrange the image by specified times in one copy sheet.

Auto Detection/ Repeat Mode Specifications

- Auto Detection Mode: Use the platen glass. RADF cannot be used.
- Repeat Mode Magnification ratio: 1.00 (100 %) fixed
- Incompatible Conditions with Auto Detection Mode
Using RADF, 2▶2, 2▶1, APS, AMS, Sort, Staple, Group, Sheet/Cover Insertion, Chapter, Combination, Booklet, OHP Interleaving, Image Insert, Dual Page, Mixed Original, Folded Original, Non-standard Size, Flip Side 2, Reverse Image, Frame/Fold Erasure, AUTO Layout, Image Shift, Non-Image Area Erase, STAMP/OVERLAY
- Incompatible Conditions with Repeat Mode
2▶2, 2▶1, APS, AMS, Change magnification, Sort, Staple, Group, Sheet/Cover Insertion, Chapter, Combination, Booklet, OHP Interleaving, Image Insert, Dual Page, Mixed Original, Folded Original, Non-standard Size, Flip Side 2, Frame/Fold Erasure, AUTO Layout, Image Shift, Non-Image Area Erase, STAMP/OVERLAY



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Image Shift

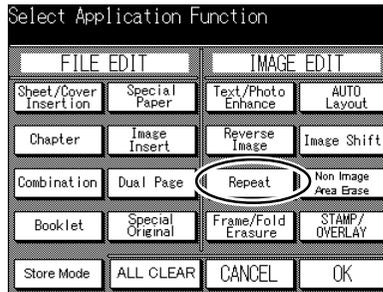
Non-Image Area Erase

STAMP/OVERLAY

Repeating Automatically or Selecting Repeating Times (Repeat: AUTO/ Repeat Mode) (continued)

1 Press  on the control panel .

2 Touch **Repeat** on the Application Selection Screen.



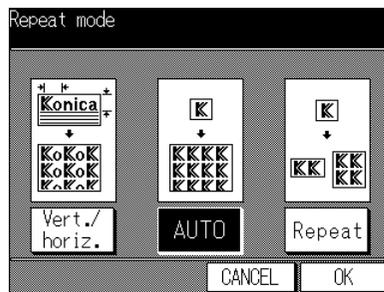
 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .

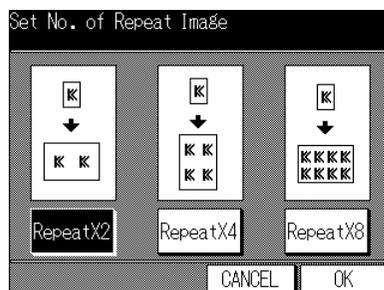
3 Touch **AUTO** or **Repeat** on the Repeat Mode Selection Screen.

When selecting **AUTO** , proceed to step **6** .

When selecting **Repeat** , proceed to step **4** .



4 Select the desired mode key on the Repeat Screen.

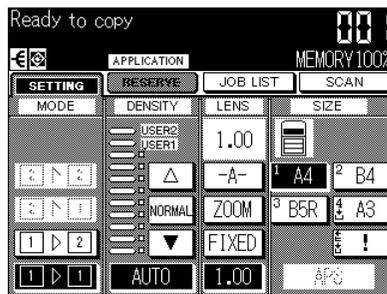


5 Touch **OK** to restore the Repeat Mode Selection Screen.

6 Touch **OK**.
The Application Selection Screen will be restored.

7 Touch **OK** on the Application Selection Screen.
The Basic Screen will be restored.

8 Select the desired magnification and paper size on the Basic Screen.



9 Enter the desired print quantity from the control panel keypad.

10 Position original.
For AUTO mode original, open the document feeder, then position the original FACE DOWN on the platen glass.
For RepeatX2, RepeatX4 or RepeatX8 mode original, RADF is also available.

11 Press  START.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

Non-Image Area Erase is automatically selected on the Application Selection Screen when AUTO mode is selected.

FOR DETAILS

- APS and AMS are automatically released, and 1.00 (100%) is selected as a magnification ratio.
- When RepeatX2, RepeatX4, or RepeatX8 is selected, the scanning area will be a portion of the selected paper size equally divided according to the selected mode. In this case, magnification ratio will be fixed to 1.00 (100%).
- Copy mode is automatically set to 1 ▶ 1. When selecting 1 ▶ 2 mode, Platen store mode will function automatically.

HINTS

See p. 3-6 for details on setting print quantity.



When AUTO mode is selected, Non-Image Area Erase functions automatically. DO NOT close the document feeder.

FOR DETAILS

The AUTO mode may not operate properly if the lighting in the work place is directly over the platen glass. In this case, consult your service centre about an appropriate place for installation.

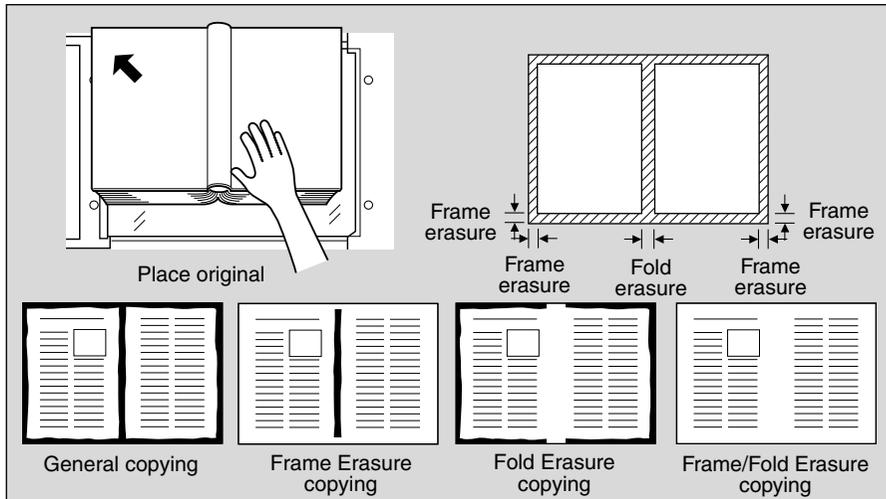
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Eliminating Black Copy Marks Along Borders (Frame/Fold Erasure)

Use Frame/Fold Erasure to eliminate black copy marks along borders to clean up and improve the presentation of the copy.

Specifications for Frame/Fold Erasure

- ❑ Incompatible Conditions with Frame Erasure: Combination, Non-Standard Size, Repeat
- ❑ Incompatible Conditions with Fold Erasure: Combination, Booklet, Dual Page, Mixed Original, Non-Standard Size, Repeat



1

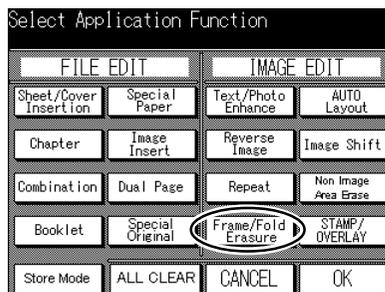
Press  on the control panel.

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press .

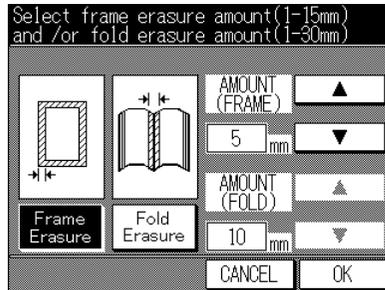
2

Touch  on the Application Selection Screen.



Eliminating Black Copy Marks Along Borders (Frame/Fold Erasure) (continued)

- 3** Touch **Frame Erasure** or **Fold Erasure** on the **Frame/Fold Erasure Setting Screen**, then set the erasure amount.



FOR DETAILS

Use and to set the desired erasure amount, from 1 to 15mm in 1mm increments for Frame Erasure, and from 1 to 30mm in 1mm increments for Fold Erasure. Select Frame Erasure and Fold Erasure to use both modes.

- 4** Touch **OK**.

The Application Selection Screen will be restored.

- 5** Touch **OK** on the **Application Selection Screen**.

The Basic Screen will be restored.

- 6** Enter the desired print quantity from the control panel keypad.

- 7** Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.

- 8** Press .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

HINTS

See p. 3-6 for details on setting print quantity.

HINTS

For details on positioning originals, see p. 3-2 to p. 3-5.

Please Be Reminded!

When lowering the document feeder onto thick original (e.g. open book), do not press it down too hard. Keep the document feeder open, if required.

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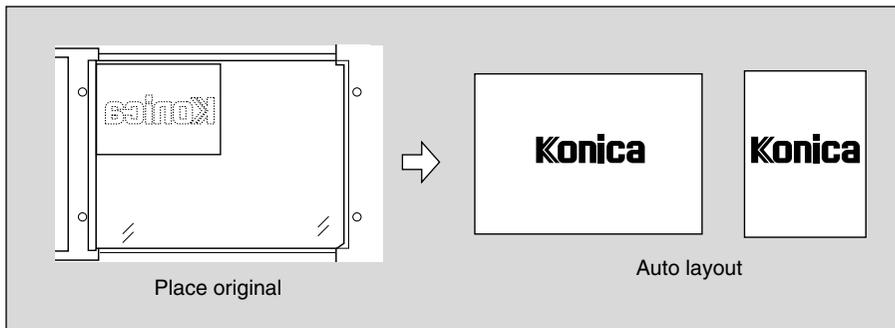
STAMP/OVERLAY

Copying Image in the Centre of Copy Paper (AUTO Layout)

Use this function to detect the image area of the original on the platen glass and centre the whole image on the copy paper making it easy to copy small pieces of paper.

Specifications for AUTO Layout

- Use platen glass. (RADF cannot be used.)
- Non-image area erase is automatically selected (can be released manually).
- Incompatible Conditions: Using RADF, 2▶2, 2▶1, APS, AMS, Sort, Staple, Group, Sheet/Cover Insertion, Chapter, Combination, Booklet, Image Insert, Mixed Original, Folded Original, Non-standard Size, Flip Side 2, Reverse Image, Repeat, Image Shift, STAMP/OVERLAY



1

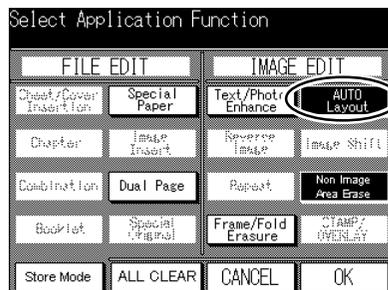
Press  on the control panel.

 Please Be Reminded!

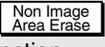
When starting a new copying job, be sure to close the RADF securely, then press  .

Touch  on the Application Selection Screen.

The incompatible function keys will be dimmed to show inactivity.



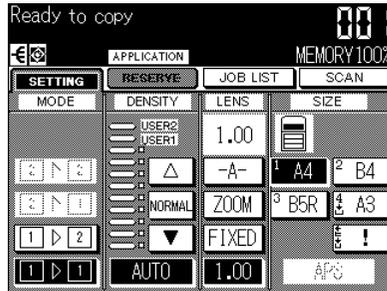
 FOR DETAILS

Non-Image Area Erase will be selected automatically. If desired, touch  to de-select this function,

3

Touch  on the Application Selection Screen.

4 Select the desired magnification and paper size on the Basic Screen.



FOR DETAILS

- APS and AMS are automatically released, and 1.00 (100%) is selected as a magnification ratio.
- Copy mode is automatically set to 1 ▶ 1. When selecting 1 ▶ 2 mode, Platen store mode will function automatically.

5 Enter the desired print quantity from the control panel keypad.

HINTS

See p. 3-6 for details on setting print quantity.

6 Position originals **FACE DOWN** on the platen glass.

HINTS

For details on positioning original, see p. 3-5.

7 Press  .

 Please Be Reminded!

DO NOT close the RADF when Non-Image Area Erase is selected.

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

FOR DETAILS

Having Any Problem?

The AUTO layout function may not operate properly if the lighting in the work place is directly over the platen glass. In this case, consult your service centre about an appropriate place for installation.

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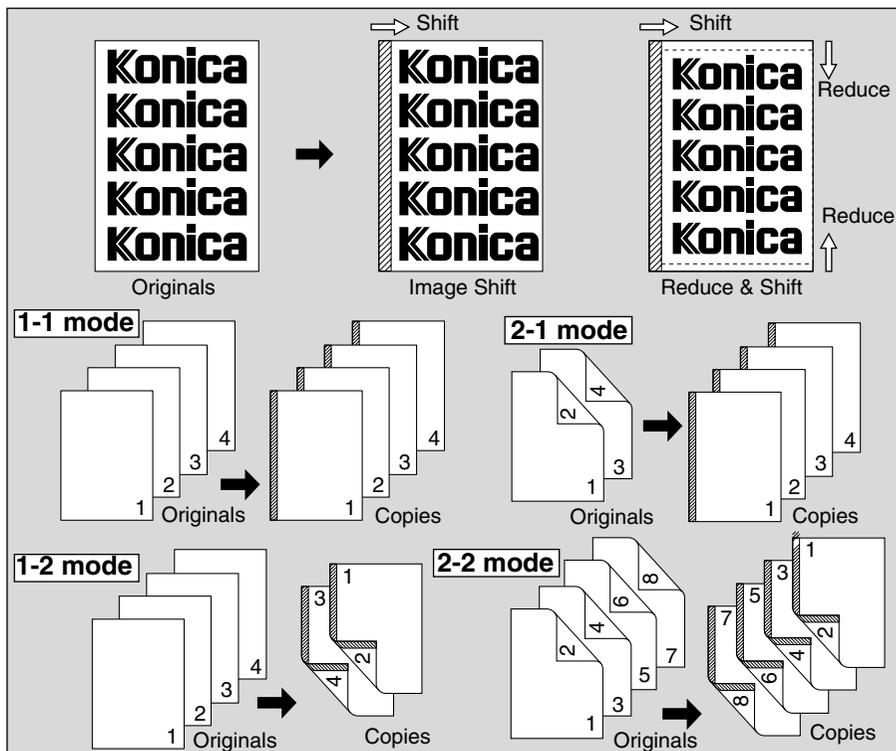
STAMP/OVERLAY

Creating Binding Margin (Image Shift)

Use Image shift to create a new binding margin on originals to make it easier for filing purposes. If image loss is likely, select the Reduce & shift mode instead of regular Image shift.

Specifications for Image Shift

- ❑ Incompatible Conditions: APS (Reduce&Shift mode only), Booklet (Shift mode only), Image Insert, Dual Page, Mixed Original, Non-standard Size, Flip Side 2, Repeat, AUTO Layout, Non-Image Area Erase, STAMP/OVERLAY



1

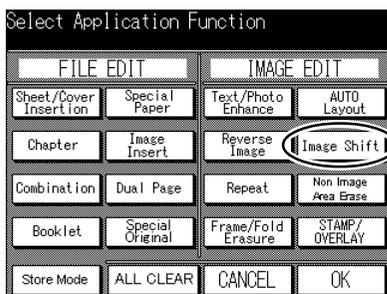
Press  on the control panel.

2

Touch **Image Shift** on the Application Selection Screen.

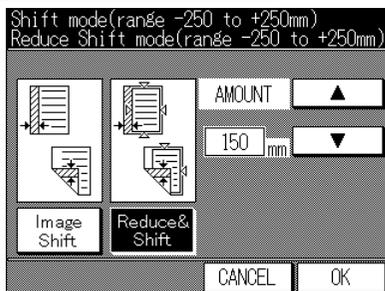
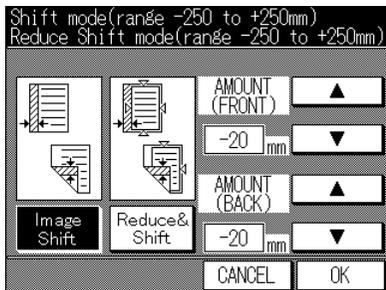
 Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .



Creating Binding Margin (Image Shift) (continued)

- 3** Touch **Image Shift** or **Reduce & Shift** on the **Image Shift Setting Screen**, then set the shift amount.



- 4** Touch **OK**.

The Application Selection Screen will be restored.

- 5** Touch **OK** on the **Application Selection Screen**.

The Basic Screen will be restored.

- 6** Enter the desired print quantity from the control panel keypad.

- 7** Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.

- 8** Press .

FOR DETAILS

- Use  and  to set the desired shift amount, from -250 to +250mm in 1mm increments. The AMOUNT (BACK) functions only for duplex copying.
- In Reduce & Shift mode, the amount of front and back cannot be set individually.
- Reduction ratio varies according to the shift amount in Reduce & Shift mode.

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HINTS

See p. 3-6 for details on setting print quantity.

HINTS

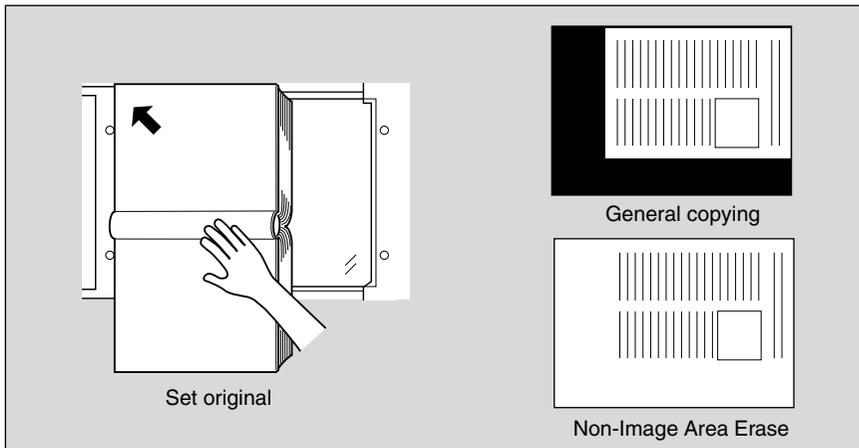
For details on positioning originals, see p. 3-2 to p. 3-5.

Erasing Outside of the Original (Non-Image Area Erase)

The Non-image area erase mode is used to copy non standard or special originals, such as books, magazines, paste-ups, graphs, thick or thin materials, etc. from the platen glass. The exposed glass area outside the borders of the original will not be copied.

Specifications for Non-Image Area Erase

- ❑ Use the platen glass only. Keep RADF open throughout the procedure.
- ❑ Incompatible Conditions: Using RADF, 2▶2, 2▶1, APS, AMS, Sort, Staple, Group, Sheet/Cover Insertion, Chapter, Combination, Booklet, Image Insert, Mixed Original, Folded Original, Non-Standard Size, Flip Side 2, Reverse Image, Image Shift, STAMP/OVERLAY



1

Press  on the control panel.

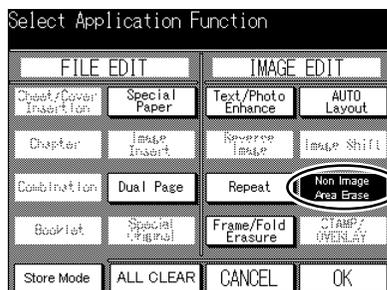
Please Be Reminded!

2

Touch **Non Image Area Erase** on the Application Selection Screen.

When starting a new copying job, be sure to close the RADF securely, then press .

The incompatible function keys will be dimmed to show inactivity.



Erasing Outside of the Original (Non-Image Area Erase) (continued)

3 Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.
Select magnification and paper size, as desired.

FOR DETAILS

- APS and AMS are automatically released.
- Copy mode is automatically set to 1 ▶ 1.
When selecting 1 ▶ 2 mode, Platen store mode will function automatically.

4 Enter the desired print quantity from the control panel keypad.

HINTS

See p. 3-6 for details on setting print quantity.

5 Position original **FACE DOWN** on the platen glass.

Please Be Reminded!

DO NOT CLOSE THE DOCUMENT FEEDER.

FOR DETAILS

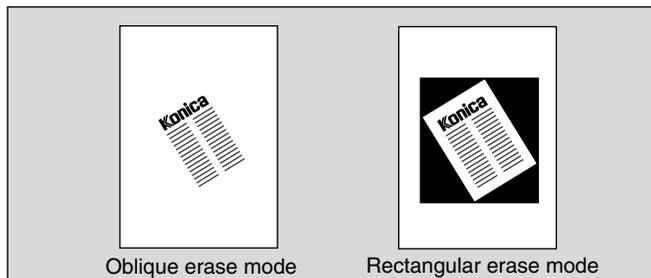
Original size should be larger than 10mm x 10mm.

6 Press  .

FOR DETAILS

Oblique Erase and Rectangular Erase Modes

The Non-image area erase has two modes; namely, Rectangular erase mode and Oblique erase mode. The copier is initially set to Rectangular erase mode. This initial setting can be changed in Key operator mode. See p. 12-11.



Having Any Problem?

- This function may not operate for the dark originals. Detectable original density level can be specified in the Key operator mode. See p. 12-11.
- This function may perform incorrectly if the lighting in the work place is directly over the platen glass. In this case, consult your service centre about an appropriate place for installation.

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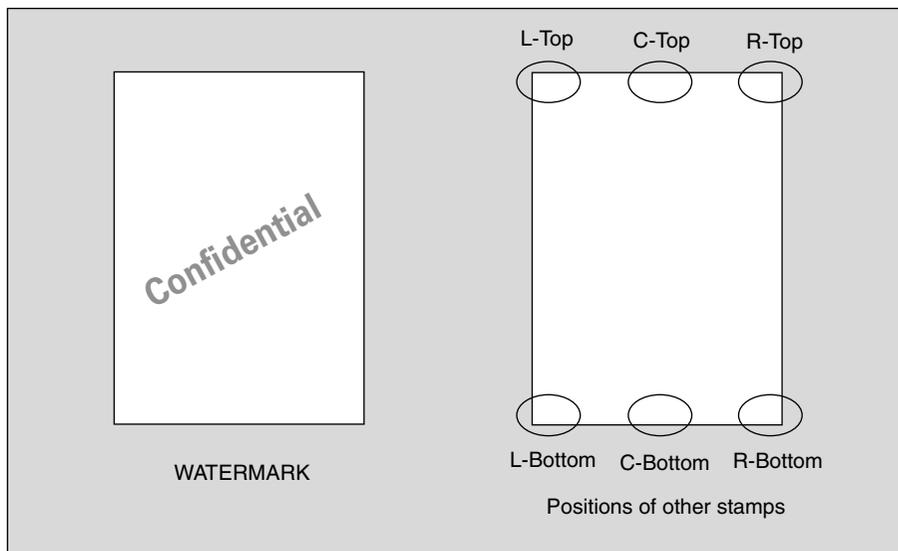
STAMP/OVERLAY

Printing Stamps or Watermarks onto Copies (Stamp)

This function allows you to print onto output copies the desired type of stamp at the location designated on the screen, or of watermark in the centre of the page. The five stamp types provided on the Stamp/Overlay Selection Screen can be used individually or in multiple combinations.

Specification for STAMP and WATERMARK

- ❑ Incompatible Conditions: Dual Page, Mixed Original, Non-Standard Size, Repeat, AUTO Layout, Image Shift, Non-Image Area Erase, OVERLAY

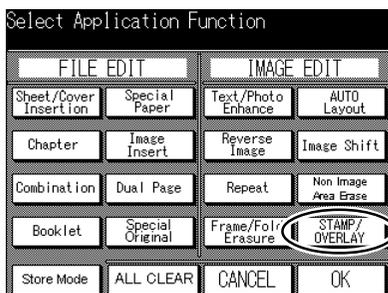


1 Press  on the control panel.

Please Be Reminded!

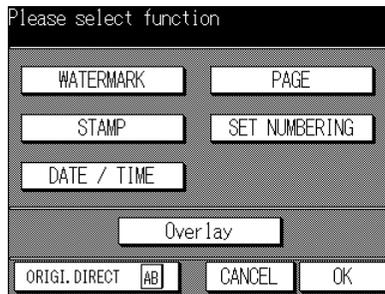
2 Touch  on the Application Selection Screen.

When starting a new copying job, be sure to close the RADF securely, then press .



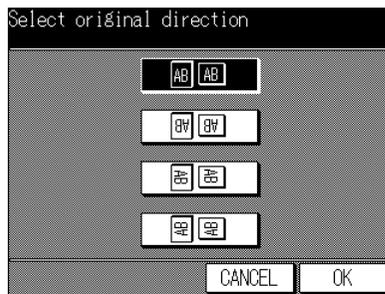
Printing Stamps or Watermarks onto Copies (Stamp) (continued)

- 3** Touch **ORIGI. DIRECT** on the Stamp/Overlay Selection Screen.

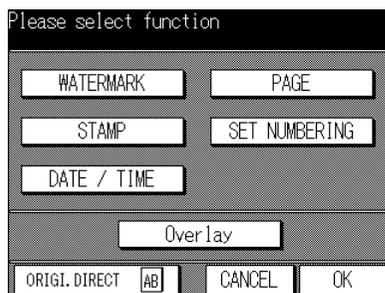


- 4** Touch the key to match the originals to be copied, then touch **OK**.

The Stamp/Overlay Selection Screen will be re-stored.



- 5** Touch **WATERMARK** or **STAMP**, as desired.



See p. 8-56 for selecting PAGE, SET NUMBERING, or DATE / TIME.

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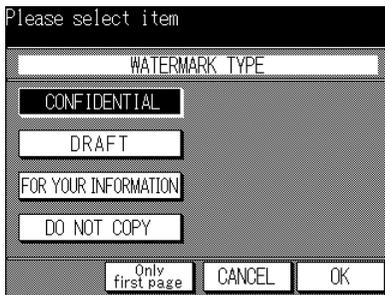
AUTO Layout

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- 6** Touch to select the desired type of watermark (or stamp) on the screen.



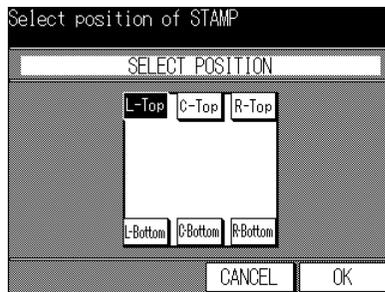
Touch **Only first page** to print the selected watermark or stamp on the first page only.



- 7** (For STAMP only) When changing the print location, touch **POSITION** on the Stamp Selection Screen.

- 8** Touch the desired position key, then touch **OK**.

The Stamp Selection Screen will be restored.



- 9** Touch **OK** on the Stamp Selection Screen or on the Watermark Selection Screen.

10

When all the setting is completed, touch **OK** on the Stamp/Overlay Selection Screen.

The Application Selection Screen will be restored.

11

Touch **OK** on the Application Selection Screen.

The Basic Screen will be restored.

12

Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

13

Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.



- Make sure that the original is positioned in correct direction, as specified in step 4.
- For details on positioning originals, see p. 3-2 to p. 3-5.

14

Press  .



CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

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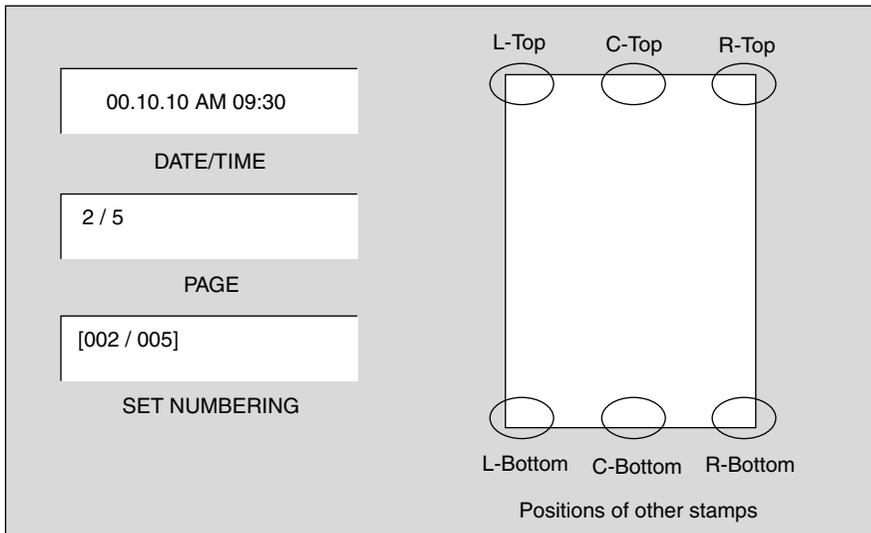
STAMP/OVERLAY

Printing Date/Time, Page Numbers or Numbering (Stamp)

This function allows you to print onto output copies the desired type of page number, numbering, or date and time at the location designated on the screen. The five stamp types provided on the Stamp/Overlay Selection Screen can be used individually or in multiple combinations.

Specification for DATE/TIME, PAGE and SET NUMBERING

- ❑ Incompatible Conditions: Sheet/Cover Insertion, Booklet, Dual Page, Mixed Original, Non-Standard Size, Reverse Image, Repeat, AUTO Layout, Image Shift, Non-Image Area Erase, OVERLAY



1

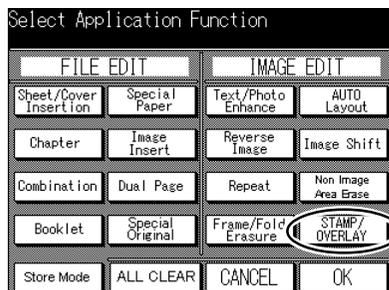
Press  on the control panel.

Please Be Reminded!

2

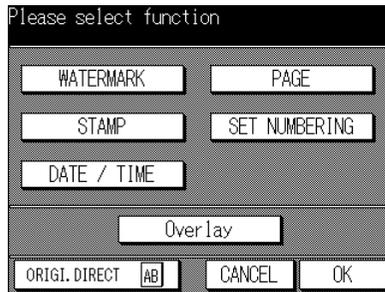
Touch  on the Application Selection Screen.

When starting a new copying job, be sure to close the RADF securely, then press  .



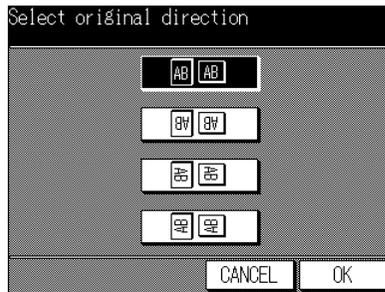
Printing Date/Time, Page Numbers or Numbering (Stamp) (continued)

- 3** Touch **ORIG. DIRECT** on the Stamp/Overlay Selection Screen.

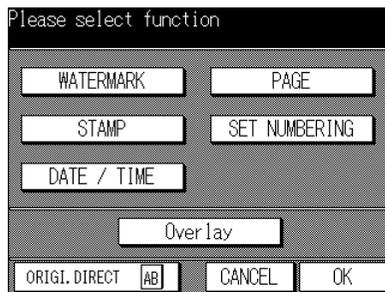


- 4** Touch the key to match the originals to be copied, then touch **OK**.

The Stamp/Overlay Selection Screen will be restored.



- 5** Touch **DATE / TIME**, **PAGE** or **SET NUMBERING**, as desired.



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Printing Date/Time, Page Numbers or Numbering (Stamp) (continued)

- 6** *Touch to select the desired type of page, numbering, or date/time on each screen.*

Please select type of Date & Time
Position: Left top

DATE	TIME
yy.mm.dd	AM/PM hh:mm
	hh:mm
dd-mm-yy	None

POSITION Only first page CANCEL OK

 **FOR DETAILS**

Touch Only first page to print the selected date/time or numbering on the first page only.

Please select item
Position: Left top

PAGE TYPE

P1,P2,P3

1,2,3

1/5,2/5,3/5

-1-,-2-,-3-

POSITION CANCEL OK

Please select item
Position: Left top

NUMBERING TYPE

[001],[002]

[001/005],[002/005]

Blank Fig 0,2

POSITION Only first page CANCEL OK

- 7** *When changing the print location, touch POSITION on each screen.*

- 8** *Touch the desired position key, then touch OK.*

Select position of STAMP

SELECT POSITION

L-Top C-Top R-Top

L-Bottom C-Bottom R-Bottom

CANCEL OK

Printing Date/Time, Page Numbers or Numbering (Stamp) (continued)

9 Touch  on each selection screen.

10 Touch  on the Stamp/Overlay Selection Screen.

The Application Selection Screen will be restored.

11 Touch  on the Application Selection Screen.

The Basic Screen will be restored.

12 Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

13 Position original(s) **FACE UP** in the document feeder or **FACE DOWN** on the platen glass.



- Make sure that the original is positioned in correct direction, as specified in step 4.
- For details on positioning originals, see p. 3-2 to p. 3-5.

14 Press  .

CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

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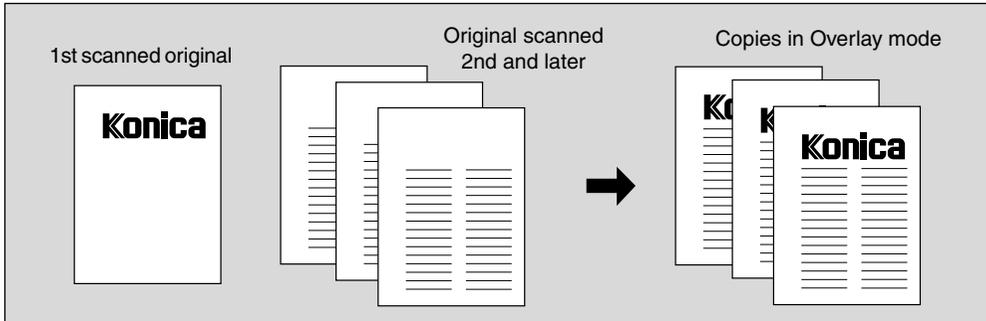
STAMP/OVERLAY

Overlaying an Image onto Each Page Copied in the Job (Overlay)

Use this function to scan an image, then overlay the image onto each page copied in the job.

Specification for Overlay

- Store mode is automatically selected.
- Incompatible Conditions: APS, AMS, Rotation exit, Sheet/Cover Insertion, Combination, Booklet, Mixed Original, Non-Standard Size, Flip Side 2, Image Insert, Dual page, Repeat, AUTO Layout, Image Shift, Non-Image Area Erase, STAMP



1

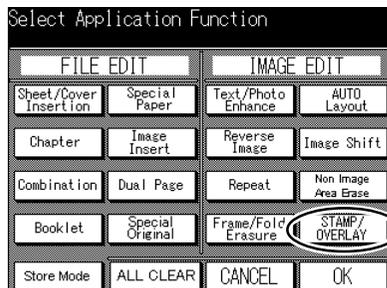
Press  on the control panel.

Please Be Reminded!

When starting a new copying job, be sure to close the RADF securely, then press  .

2

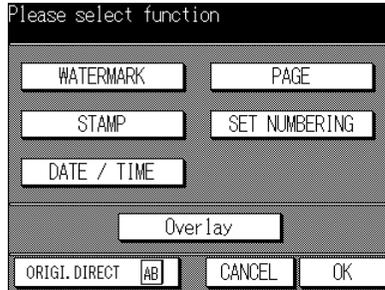
Touch  on the Application Selection Screen.



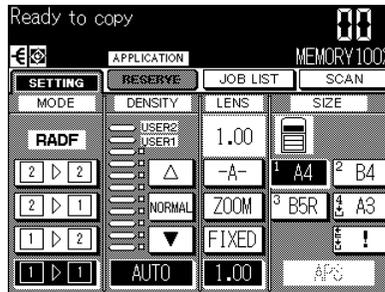
Overlaying an Image onto Each Page Copied in the Job (Overlay) (continued)

- 3** Touch **Overlay** on the Stamp/Overlay Selection Screen.

The Basic Screen will be automatically restored.



- 4** Select the desired paper size and magnification on the Basic Screen.



APS and AMS are automatically released, and 1.00 (100%) is selected as a magnification ratio.

- 5** Enter the desired print quantity from the control panel keypad.



See p. 3-6 for details on setting print quantity.

- 6** Position the overlaying original.

Position the original FACE UP in the document feeder or FACE DOWN on the platen glass.



For details on positioning originals, see p. 3-2 to p. 3-5.

- 7** Touch **SCAN** on the Basic Screen.

The original image will be scanned into memory.

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Overlaying an Image onto Each Page Copied in the Job (Overlay) (continued)

8

Position the original(s) to be overlaid.

Position the original FACE UP in the document feeder or FACE DOWN on the platen glass.

9

Touch .

Repeat steps **8** and **9** for all originals.

10

Press .



CAUTION

When the finisher / paper exit tray capacity is exceeded due to the print quantity selected, remove the copied sets as they exit; otherwise, mishandled paper will occur.

 Please Be Reminded!

If the number of originals exceeds 50, divide them into blocks not exceeding 50 sheets and load them from the block with the first page.

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Paper and Original Information

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Paper Information

This machine is equipped with the following trays for loading copy paper.

- Main body tray (Tray 1)
- DB-208 trays (Tray 2, 3 and 4)
- DB-208A tray (Tray 2)
- DB-608 trays (Tray 2 and 3)
- Multi-sheet bypass tray

Also, following equipments are provided for conveying/delivering copies.

- ADU (Automatic Duplex Unit)
- Finisher
- Exit tray (for the machine without finisher)

Refer to the following information on paper capacity for each.

■ Paper Weight

Paper Trays	Weight
Main body tray (Tray 1)	60~90g/m ²
DB-208 (Tray 2, 3, 4)	
DB-208A (Tray 2)	
DB-608 (Tray 2, 3)	
Multi-sheet bypass tray	50~130g/m ²
Equipments	Weight
ADU	60~90g/m ²
Finisher (Exit tray 1)	50~130g/m ²
Finisher (Exit tray 2, 3)	60~130g/m ²
Exit tray	50~130g/m ²

■ Tray/ Exit Tray Capacity

Paper Trays	Capacity
Main body tray (Tray 1)	500 sheets (80g/m ²)
DB-208 (Tray 2, 3, 4)	
DB-208A (Tray 2)	
DB-608 (Tray 2)	
DB-608 (Tray 3)	1,500 sheets (80g/m ²)
Multi-sheet bypass tray	100 sheets (80g/m ²) 1 sheet each for thick/ thin paper and OHP film
Equipments	Capacity
ADU	Unlimited
Finisher	See the following page.
Exit tray	100 sheets



Paper in FS-109 Finisher (Option)

This Finisher is equipped with three exit trays.

The Exit tray capacities classified according to paper size and type in each output mode are described below (capacities at 80g/m², unless otherwise indicated).

Up to 50 sheets (or within 5mm thick) can be stapled in Staple mode, however, the capacity cannot exceed that in non-staple mode.

Exit tray/Output mode		Paper size/Paper type				
		A5R* ³	A4, A4R, B5, 8.5"x11"	A3, B4, B5R* ³	Thick/Thin paper, OHP film	Non-standard size
Exit tray 1	Non-sort	100 sheets	100 sheets	100 sheets	10 sheets	10 sheets
Exit tray 2	Non-sort	300 sheets	700 sheets	300 sheets	–	–
	Sort/Group	–	700 sheets	300 sheets	–	–
Exit tray 3	Staple	25 sets* ¹	25 sets* ²	25 sets* ²	–	–

*1: Total paper capacity should be 300 sheets or less.

*2: Total paper capacity should be 500 sheets or less.

*3: Stapling on rear side is not available.

■ Paper Size

Paper Trays	Available Sizes
Main body tray (Tray 1)	A3, B4, F4, A4, A4R, B5, B5R, A5R*, 8.5"x11"R, 8.5"x14"
DB-208 (Tray 1, 2, 3)	
DB-208A (Tray 2)	
DB-608 (Tray 2)	
DB-608 (Tray 3)	A4, A4R, B5, B5R, 8.5"x11", 8.5"x11"R
Multi-sheet bypass tray	A3, B4, F4, A4, A4R, B5, B5R, A5R*, 8.5"x11"
Equipments	
Available Sizes	
ADU	A3 to A5R*
Finisher	A3 to A5R*
Exit tray	A3 to A5R*



Main body tray (Tray 1), DB-208 trays (Tray 2, 3, 4), DB-208A tray (Tray 2) and DB-608 tray (Tray 2) are user-adjustable. See p. 2-20 to change the paper size of the tray.



DB-608 tray (Tray 3) is initially fixed to A4 size by service and accepts 1,500 sheets at a time. Contact your service centre to change the tray size, if desired.



*: This size can be loaded in landscape orientation (□) only.

■ Special Paper in Multi-Sheet Bypass Tray

Multi-sheet bypass tray accepts non-standard size or special paper type that cannot be loaded in the main body trays.

Thin paper (50~59g/m²)

Thick paper (91~130g/m²)

Special (OHP film, labels, hole punch, rag content)



Key operator can set the machine to indicate the paper type when paper is loaded in the Multi-sheet bypass tray. See p. 12-22.

■ To Store Copy Paper

- Store paper in a cool, dry area. Using damp copy paper may cause a paper misfeed. Keep partially used packages tightly wrapped during storage.
- Do not place paper packages vertically to store. Paper curl due to the vertical storage may cause a paper misfeed.

Original Information

Use the platen glass or document feeder to position originals to copy.

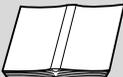
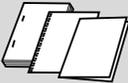
■ Platen Glass Originals

Use the platen glass when originals are not suitable for use with the document feeder, e.g., when size is incompatible, or when originals are folded, stapled, torn, or in generally poor condition.



See each description in this manual for copy conditions which cannot use the document feeder to scan.

Unsuitable RADF Originals

1  Curled, creased or folded originals	2  Paste-ups or cut-outs	3  Books
4  Glossy or transparent originals, OHP film, art paper, cellophane	5  Doubled, punched or stapled originals	6  Thin or thick originals

Platen Glass Original Specifications

- Max. original size: A3, sheet or book
- Max. book weight/thickness: 6.8kg / 30mm
- Original placement: Face down on left depth side of glass



Do not place too heavy originals, or do not press strongly when thick original is placed and is under pressure of RADF; otherwise the glass may be broken and you may be injured.

Paper
Information

Original
Information

9
Paper &
Original Info

■ RADF Originals

Following three modes are provided when using the document feeder (RADF) to scan originals.

- Normal mode
- Mixed original mode
- Folded original mode

Specifications for each mode are described as follows.

Normal mode

- ❑ Detectable original size: A3, B4, F4, A4R, A4, B5R, B5, A5, A5R, 8.5"x11"
- ❑ Original weight: 35~130g/m² (no special stock)
- ❑ Max. feeder capacity: 50 sheets (80g/m² paper)
- ❑ Curling tolerance: 10mm or less
- ❑ Original placement: Face up; orientation same as copy paper

Mixed original mode

Use Mixed original mode to copy mixed size originals. See p. 8-25 for details.

- ❑ Original size: Three types of size combination are determined by the RADF guide width.
 - A3 in landscape / A4 in portrait orientation:
A3, B4, A4R, A4, B5, A5 mixed
 - B4 in landscape / B5 in portrait orientation:
B4, A4R, B5R, B5, A5 mixed
 - A4 in landscape / A5 in portrait orientation:
A4R, B5R, A5 mixed
- ❑ Original weight: 35~130g/m² (no special stock)
- ❑ Max. feeder capacity: 50 sheets (80g/m² paper)
- ❑ Curling tolerance: 10mm or less
- ❑ Original placement: Face up (see p. 3-3 for details.)

Folded original mode

Use Folded original mode to scan folded originals without using the size detection sensor of the RADF. See p. 8-27 for details.

- ❑ Detectable original size: A3, B4, F4, A4R, A4, B5R, B5, A5, A5R, 8.5"x11"
- ❑ Original weight: 35~130g/m² (no special stock)
- ❑ Max. feeder capacity: 50 sheets (80g/m² paper)
- ❑ Curling tolerance: 10mm or less
- ❑ Original placement: Face up; orientation same as copy paper

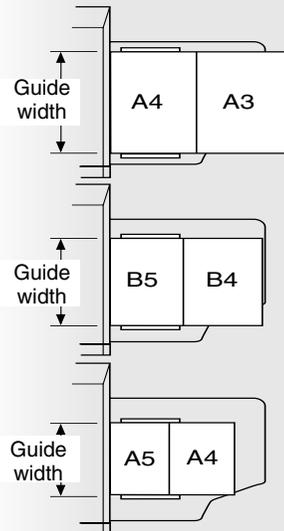
FOR DETAILS

*: This size can be loaded in landscape orientation (☐) only.

Key operator can change the setting to allow this size to be placed in portrait orientation (☐). See p. 12-37.

FOR DETAILS

See below for the guide width of each combination.



FOR DETAILS

*: This size can be loaded in landscape orientation (☐) only.

Key operator can change the setting to allow this size to be placed in portrait orientation (☐). See p. 12-37.

SECTION

10

Supplies

How to Add Toner and Staples

Adding Toner	10-2
Inserting a New Staple Cartridge	10-6
Copy Materials	10-9

Adding Toner

Inserting New
Staple Cartridge

Copy
Materials

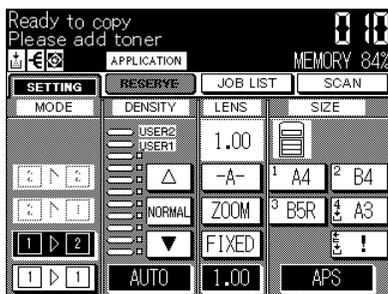
10
Supplies

Adding Toner

■ Add Toner Message

When toner supply is low, “Please add toner” message and the icon “

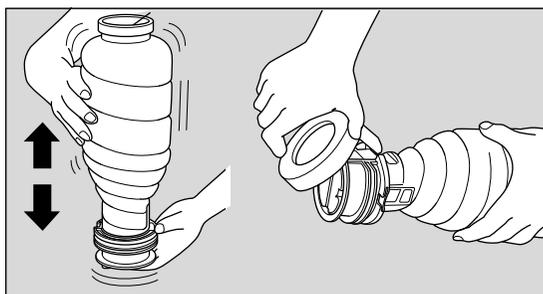
Add toner according to the procedure as follows.



FOR DETAILS

The icon “

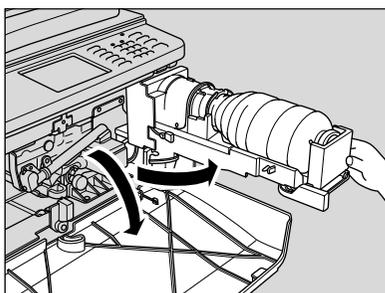
- 1** *To loosen toner, shake the new toner bottle several times, then remove the toner bottle cap.*



Please Be Reminded!

Use the toner bottle specified only for this machine. Using a toner bottle for other machines may cause machine trouble.

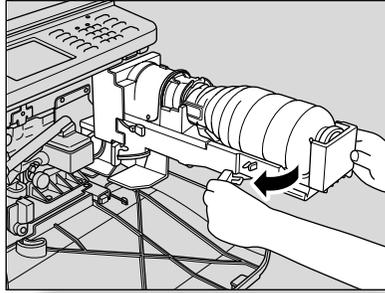
- 2** *Open the machine front door. Pull the toner unit 90° to the right.*



Adding Toner (continued)

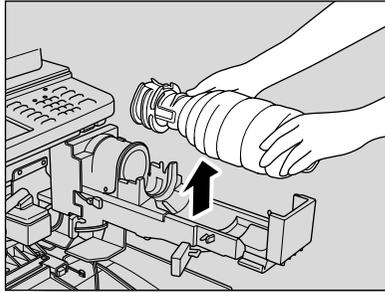
3

Push the lock lever to the left until it stops.



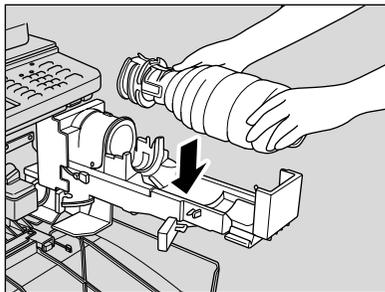
4

Remove the empty toner bottle.



5

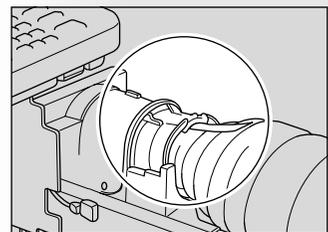
Set the new toner bottle into the toner unit.



Please Be Reminded!



Set the toner bottle with the lock tape and cut-off portion on the top as illustrated on the right.



Adding Toner

Inserting New
Staple Cartridge

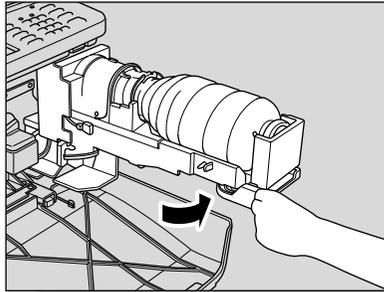
Copy
Materials

10
Supplies

Adding Toner (continued)

6

Return the lock lever to the left until it stops.



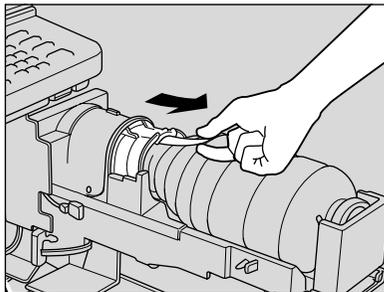
 **Please Be Reminded!**

Be sure the cut-off portion of the toner bottle is shown on the top; otherwise the lock lever cannot be returned.

The lock tape will be pushed out from the cut-off portion of the toner bottle.

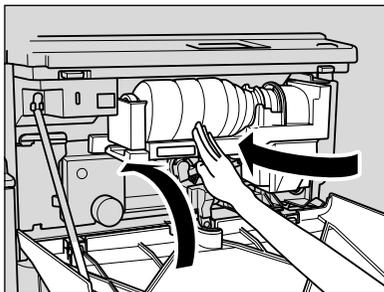
7

Remove the lock tape from the toner bottle.



8

Return the toner unit to its original position, then close the machine front door securely.



Adding Toner (continued)



CAUTION

Keep the toner bottle away from children. The toner is nontoxic; however if you inhale or contact with eyes by accident, flush with water and seek medical advice.



CAUTION

Do not throw the empty toner bottle into a fire. If it is thrown into a fire, the toner may ignite and cause a dangerous situation.

Inserting a New Staple Cartridge

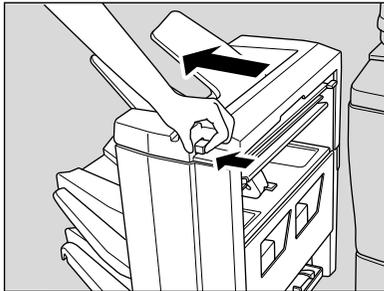
When the staple cartridge of the Finisher is empty, the following message will be displayed on the touch screen.

Please separate Finisher from the copier and replace staples

Follow the procedure below to replace the staple cartridge.

1

While pressing the Finisher release lever, slide the finisher to the left.

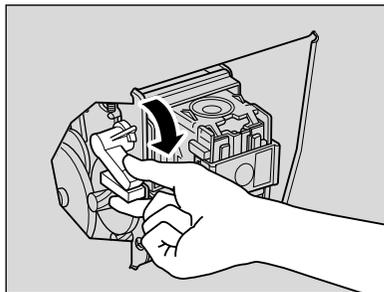


Please Be Reminded!

Use only the staples supplied by Konica. Contact your service centre to purchase.

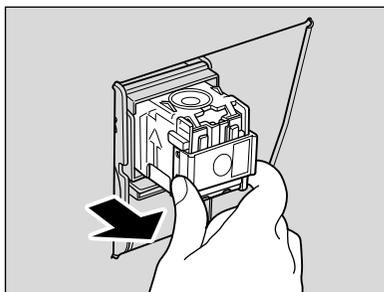
2

Push down the staple cartridge lever to release the staple cartridge from the cartridge holder.



3

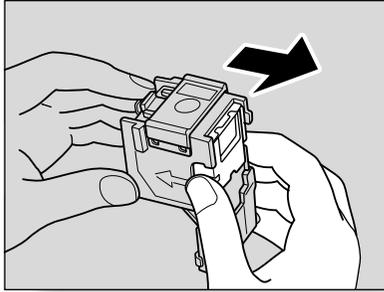
Remove the staple cartridge.



Inserting a New Staple Cartridge (continued)

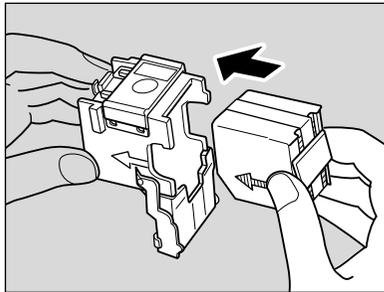
4

Remove the empty staple case from the cartridge.



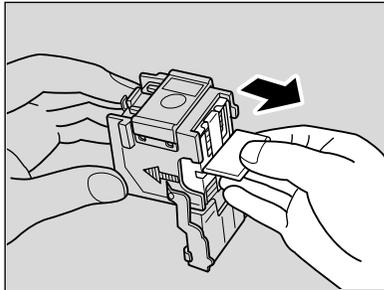
5

Firmly insert the new staple case into the staple cartridge, while aligning the arrow sides of both case and cartridge.



6

Remove the lock tape from the staple case.



Adding Toner

Inserting New
Staple Cartridge

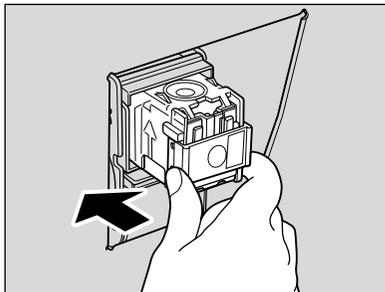
Copy
Materials

10
Supplies

Inserting a New Staple Cartridge (continued)

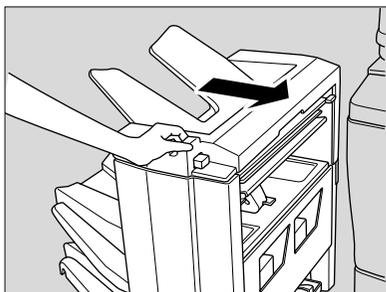
7

Return the staple cartridge to its original position and push in it securely.



8

Slide the Finisher to the right and securely connect it with the main body.



Copy Materials

■ Maintenance Kit

Cleaning blade	1
Corona wire (Charging)	1
Charging control plate	1
Cleaner MT base assy	1
Charging cleaner block/C assy	1
Charging cleaner block/D assy	1
Corona wire (Transfer/Separation)	2
Fixing cleaning roller	1
Fixing roller/A	1
Fixing cleaner pad	1
Cotton swabs (4 pcs)	1
Cleaning pad (10 pcs)	3
Dust bag	1
Developer collecting sheet	1
Collecting hand bag	1

Adding Toner

Inserting New
Staple Cartridge

Copy
Materials

10
Supplies

SECTION

11

Maintenance

How to Maintain the Copier

Cleaning Image Scanning Section	11-2
Checking Copy Count	11-4

Cleaning Image Scanning Section

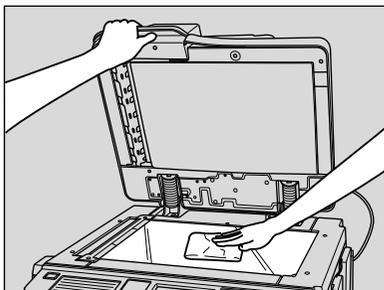
In order to maintain optimum copy quality, always keep the following areas clean.

■ Cleaning the Document Glass

Cleaning the Platen Glass

Raise the document feeder, and clean the glass with a clean soft cloth.

The glass may also be cleaned with a soft cloth dampened slightly with water, if it is difficult to be cleaned.



 Please Be Reminded!

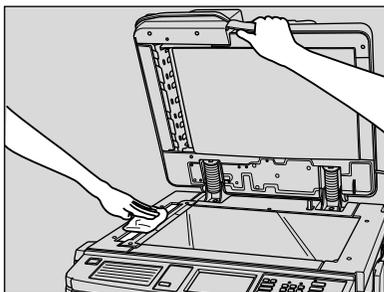
Never use paint solvents, such as benzene or thinner, to clean the platen glass.

■ Cleaning the RADF

Cleaning the Left Partition Glass

Keep the glass clean; otherwise soil marks may be copied, resulting in dark lines on the copies.

Clean the left partition glass with a clean soft cloth.

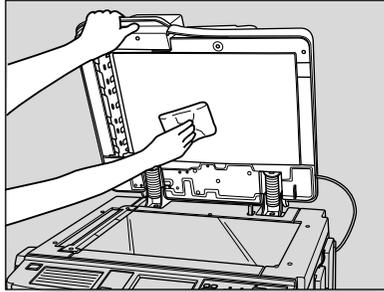


Cleaning Image Scanning Section (continued)

Cleaning the RADF Platen Guide Cover

The RADF platen guide cover should be kept clean; otherwise, soil marks may be copied, or the original size cannot be detected correctly.

Clean the RADF platen guide cover with a clean soft cloth.

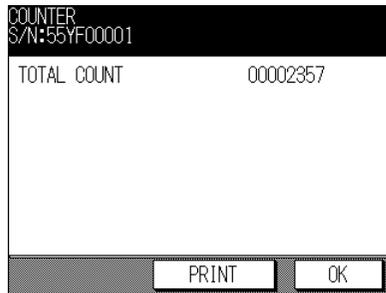
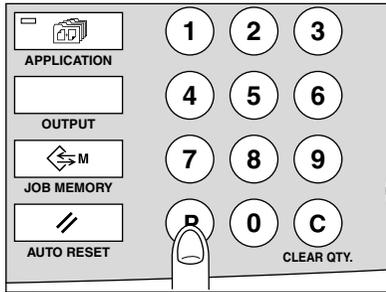


 **Please Be Reminded!**

Never use paint solvents, such as benzene or thinner, to clean the RADF platen guide cover.

Checking Copy Count

The Counter List Screen allows you to view the total count calculated as a list. Check the list, then print it if desired.



■ To Display the Counter List Screen

1

Press **P** **on the control panel.**

The Counter List Screen will be displayed.

2

Touch **OK** **.**

The Basic Screen will be restored.

■ To Print the Counter List

1

Press **P** **on the control panel.**

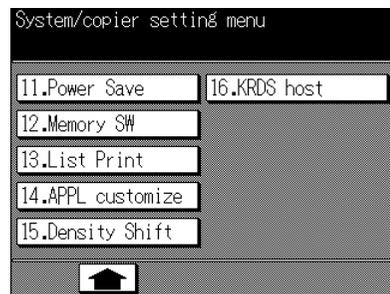
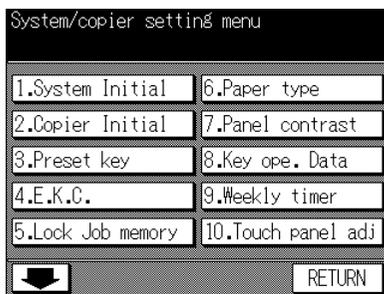
The Counter List Screen will be displayed.

2

Touch **PRINT** **.**

The counter list will be output.

SECTION 12



Key Operator Mode

How to Monitor Copier Activity and Modify Machine Settings

How to Access the Key Operator Mode	12-2
[1] System Initial	12-4
[2] Copier Initial	12-6
[3] Preset Key	12-12
[4] EKC (Electronic Key Counter)	12-14
[5] Lock Job Memory	12-21
[6] Paper Type	12-22
[7] Panel Contrast	12-23
[8] Key Operator Data	12-24
[9] Weekly Timer	12-25
[10] Touch Panel Adjustment	12-32
[11] Power Save	12-33
[12] Memory Switch	12-34
[13] List Print	12-38
[14] Application Customize	12-39
[15] Density Shift	12-40
[16] KRDS Host	12-41

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

How to Access the Key Operator Mode

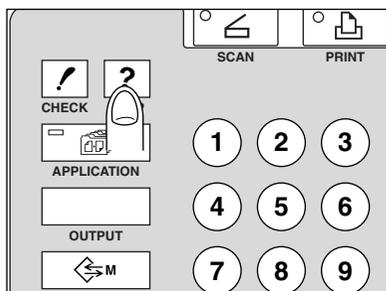
The key operator is trained to handle all special key operator functions that are not accessible to the general user, such as monitoring overall copier activity, machine performance, and service information; modifying machine settings; and controlling user activity, for billing purposes.

A unique 4-digit key operator password is normally set by service at installation. If the unique code is not set by service, the copier will not display Key Operator Password Entry Screen when the Key Operator mode is being accessed, and a key operator password will not be required. A service-set 8-digit EKC master key code must be entered by the key operator to access the Electronic Key Counter functions, and a service-set 4-digit Weekly timer master key code must be entered by the key operator to access the Weekly timer functions.

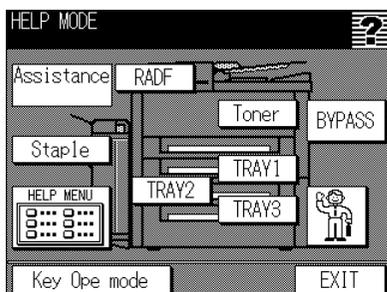
To ensure the security of Key Operator mode, it is recommended that you establish a unique key operator password, along with the key operator EKC master key code and Weekly timer master key code, and keep them in a confidential file.

■ To Display the Key Operator Mode Screen

- 1 Press **?** HELP on the control panel to display the Help Screen.



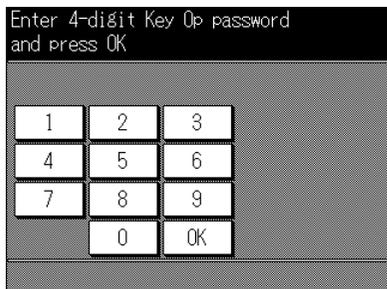
- 2 Touch **Key Ope mode** on the Help Screen.



How to Access the Key Operator Mode (continued)

3

Use the keypad on the touch screen to enter your 4-digit key operator password; then touch **OK** .



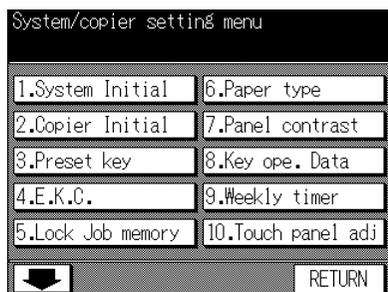
FOR DETAILS

If an invalid Key operator password is entered, continue by entering the valid 4-digit password.

If the key operator password is not valid, check with your service centre.

4

Make setting changes from the Key Operator Mode Screen, as described on the following pages.



FOR DETAILS

To display menus 11. to 16. of the Key Operator Mode Screen, touch  .

To return the menu 1. to 10. of the Key Operator Mode Screen, touch  .



FOR DETAILS

When the machine is equipped with IP-431 option, a mode selection screen displays after entering the key operator password.

Select "1. System/copier" to enter the System/copier setting mode; or select "2. Printer/scanner" to enter the Printer/scanner setting mode.

5

Touch **RETURN** to exit the Key operator mode.

The Basic Screen will be restored.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

12
Key Operator Mode

[1] System Initial

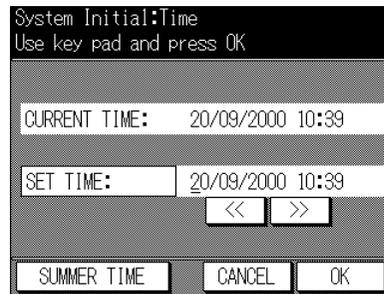
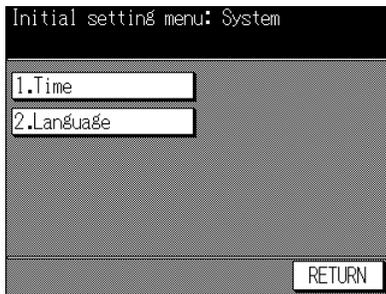
Set the following initial conditions of the copier.

- Time: Current date and time, summer time
- Language: Language used in LCD

■ 1. Time

Set the current date and time, and also the summer time.

- Default setting: Summer time off



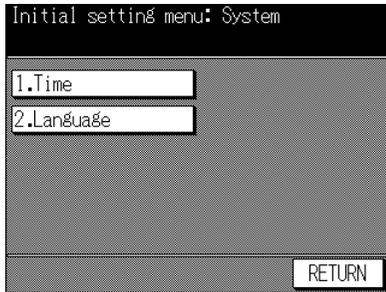
Procedure

- 1 Touch **1. System Initial** on the Key Operator Mode Screen to display the System Initial Setting Menu Screen.
- 2 Touch **1. Time** to display the Time Setting Screen.
- 3 Adjust the time.
The time that the copier currently has is displayed in the upper line, in the order of date, month, year, and time (in 24-hour expression).
 - (1) Touch the left arrow (<<) and right arrow (>>) keys displayed under the SET TIME to move the cursor to the number to be changed.
 - (2) Press the keypads on the control panel to enter the number.
- 4 To activate the summer time function, touch **SUMMER TIME** to highlight it.
NOTE:
This operation advances the current time of the copier by an hour. If any other time is required to be set, contact your service representative.
- 5 Touch **OK** to complete the setting and return to the System Initial Setting Menu Screen.
- 6 Touch **RETURN** to restore the Key Operator Mode Screen.
- 7 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

■ 2. Language

Select the language used in the LCD.

□ Default setting: English



Procedure

- 1 Touch **1. System Initial** on the Key Operator Mode Screen to display the System Initial Setting Menu Screen.
- 2 Touch **2. Language** to display the Language Selection Screen.
- 3 Touch **ENGLISH, FRENCH, SPANISH, DUTCH, GERMAN, ITALIAN, DANISH, or SWEDISH**.
- 4 Touch **OK** to complete the setting and return to the System Initial Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

[2] Copier Initial

Initial settings are the settings that display automatically when the copier is powered on, when Auto Reset timer is operated, or when  is pressed.

These settings can be changed by the key operator, as shown in this section. Initially, i.e., at installation, the Basic Screen displays the following condition to meet Energy Star requirements:

Initial Setting

Copy Mode: 1-1
Copy Density: AE
Lens Mode: 1:1
Paper Tray: APS
Finisher: ON

When Initial settings are changed by the key operator, the new initial settings display when the copier is powered on, when Auto Reset timer is reached, or when  is pressed.

NOTE:

When changing "Initial" to "Full-Auto" in the Memory switch No.2, you cannot use the new initial settings. See p. 12-34.

The following initial settings can be changed by the key operator:

Copy mode:	[RADF; 1-1; 1-2; 2-2; 2-1]
Copy density:	[AE; manual]
Lens mode:	[AMS; 1.00; ratio 0.25~4.00]
Paper tray:	[APS; trays 1, 2, 3, 4, or Multi-sheet bypass tray]
Output mode:	[Tray 1, 2, 3; Sort, Group, Staple, Face up tray 1; Staple location; Automatic Rotation on/off] (machine with Finisher) [E-SORT+sort, E-SORT+group, Group, Face up; Automatic Rotation on/off] (machine without Finisher)
Non-image erase:	[Oblique erase, Rectangular erase; Original density]

Setting procedures are described on the following pages.

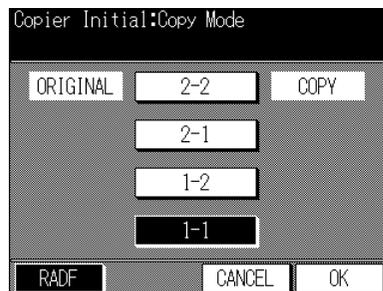
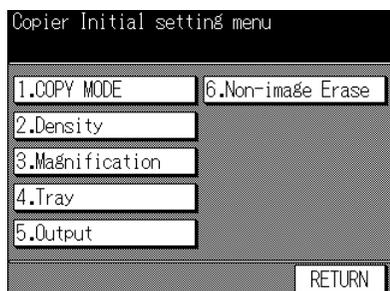
NOTE:

The most commonly-used settings are established at installation. Before changing any of the copier settings, be sure that you understand the overall and long-range effect of the change.

■ 1. Copy Mode

Set Copy mode to occur after power on or after Auto/Reset occurs.

- Default setting: RADF on, 1-1



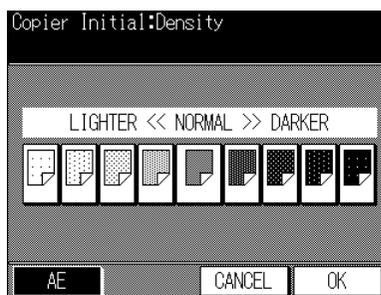
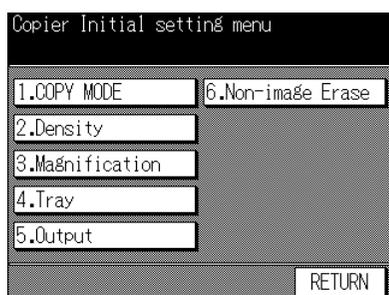
Procedure

- 1 Touch **2. Copier Initial** on the Key Operator Mode Screen to display the Copier Initial Setting Menu Screen.
- 2 Touch **1. COPY MODE** to display the Copy Mode Initial Setting Screen.
- 3 Touch the setting you want for the initial condition of the copier.
If 2-2 or 2-1 mode is selected, **RADF** will also be selected, automatically. In this case, the RADF must be in a closed position when power is turned ON, or when Auto/Reset is functioning. Otherwise, the message "Please close RADF" will be displayed.
- 4 Touch **OK** to complete the setting and return to the Copier Initial Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

■ 2. Density

Set Copy density to be effective after power on or after Auto/Reset occurs.

- Default setting: AE on



Procedure

- 1 Touch **2. Copier Initial** on the Key Operator Mode Screen to display the Copier Initial Setting Menu Screen.
- 2 Touch **2. Density** to display the Copy Density Initial Setting Screen.
- 3 Touch **AE** to select AE mode, or touch the density level required.
Nine exposure levels are displayed.
- 4 Touch **OK** to complete the setting and return to the Copier Initial Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

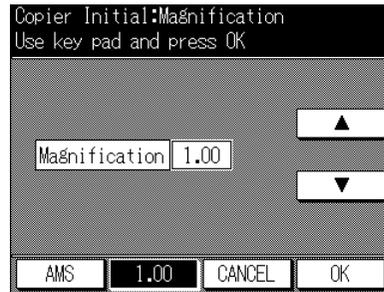
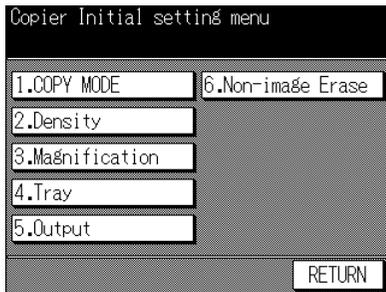
12
Key Operator Mode

■ 3. Magnification

Set the magnification ratio you initially want to display after the user turns the power on or after Auto/Reset restores the Initial settings.

NOTE:

This setting should not conflict with the Initial setting for Paper Tray. For example, if APS is selected for the initial paper tray setting, a ratio setting other than AMS will be ignored.



Procedure

- 1 Touch **2. Copier Initial** on the Key Operator Mode Screen to display the Copier Initial Setting Menu Screen.
- 2 Touch **3. Magnification** to display the Magnification Initial Setting Screen. The default setting is 1.00.
- 3 Select the desired setting from the Magnification Initial Setting Screen:
To select 1.00 if it is not already displayed, touch **1.00**.
To select another ratio, touch upper/lower arrow key to display the desired ratio, or enter a 3-digit ratio using the keypad on the control panel.
To select AMS, touch **AMS**.
- 4 Touch **OK** to complete the setting and return to the Copier Initial Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

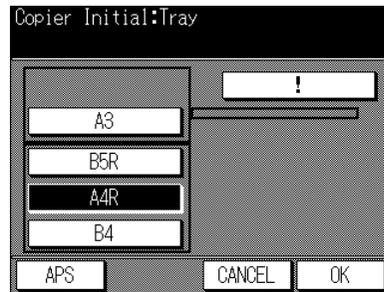
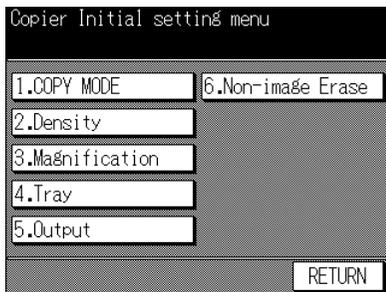
■ 4. Tray

Set paper tray priority to be in effect after power is turned on or after Auto/Reset occurs.

This function sets tray priority, not paper size priority. Therefore, if paper size is changed in the tray, the tray will still remain the priority tray.

The initial paper tray setting should not conflict with the initial setting for Lens Mode. For example, if the initial paper tray setting is APS, the initial setting for paper tray priority will be ignored.

- Default setting: APS on, no specified tray



Procedure

- 1 Touch **2. Copier Initial** on the Key Operator Mode Screen to display the Copier Initial Setting Menu Screen.
- 2 Touch **4. Tray** to display the Tray Initial Setting Screen.
- 3 Touch **APS**, or touch any tray key to select a specific tray.
- 4 Touch **OK** to complete the setting and return to the Copier Initial Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

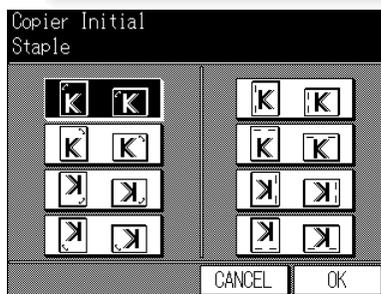
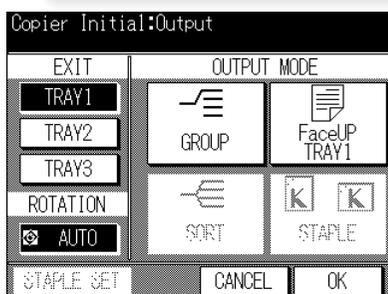
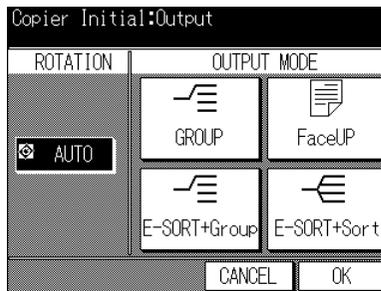
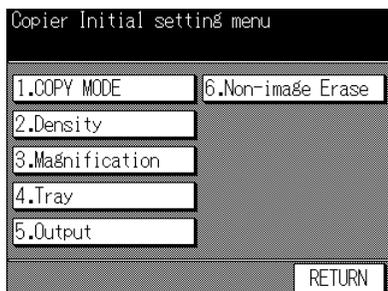
Density Shift

KRDS Host

■ 5. Output

Set initial Output mode of the Finisher or exit tray to be effective after power is turned on or after Auto/Reset occurs.

- Default setting for machine with Finisher: EXIT Tray 2; OUTPUT MODE Sort; Automatic Rotation ON
- Default setting for machine without Finisher: OUTPUT MODE Non-sort; Automatic Rotation ON



Procedure

- 1 Touch **2. Copier Initial** on the Key Operator Mode Screen to display the Copier Initial Setting Menu Screen.
- 2 Touch **5. Output** to display the Output Mode Initial Setting Screen.
- 3 For the machine with Finisher, perform the following operation then proceed to step 5. To select the exit tray, touch **TRAY1**, **TRAY2** or **TRAY3**.

NOTE:

If **TRAY1** is selected, **SORT** and **STAPLE** are automatically dimmed. If **TRAY2** or **TRAY3** is selected, **Face UP TRAY1** is automatically dimmed.

To select the Output mode, touch **SORT**, **GROUP**, **STAPLE**, or **Face UP TRAY1**.

NOTES:

1. If **STAPLE** is selected, **SORT** is automatically highlighted.
2. If selecting Non-sort mode, do not highlight any key.

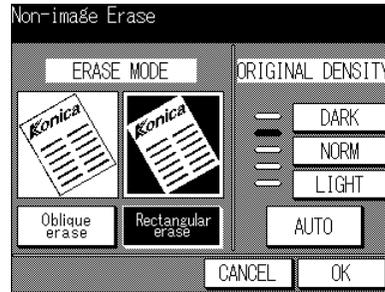
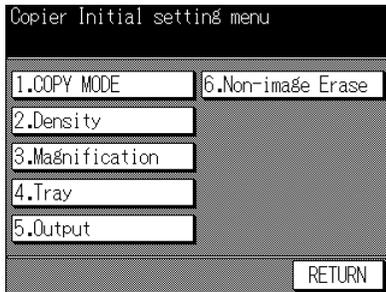
To select the desired staple location, touch **STAPLE SET**. Touch the desired location on the Staple Location Initial Setting Screen, then touch **OK**.

You can also select on/off of the Automatic rotation initial setting. To release the Automatic rotation mode, touch **AUTO** so that it is no longer highlighted.

- 4 For the machine without Finisher, perform the following operation. To select the Output mode, touch **E-SORT+Sort**, **E-SORT+Group**, **GROUP**, or **Face UP**. You can also select on/off of the Automatic rotation initial setting. To release the Automatic rotation mode, touch **AUTO** so that it is no longer highlighted.
- 5 Touch **OK** on the Output Mode Initial Setting Screen to complete the setting and return to the Copier Initial Setting Menu Screen.
- 6 Touch **RETURN** to restore the Key Operator Mode Screen.
- 7 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

■ 6. Non-Image Erase

Select the mode of Non-Image Area Erase function to be in effect when this feature is selected on the Application Selection Screen after power is turned on or after Auto/Reset occurs.



Procedure

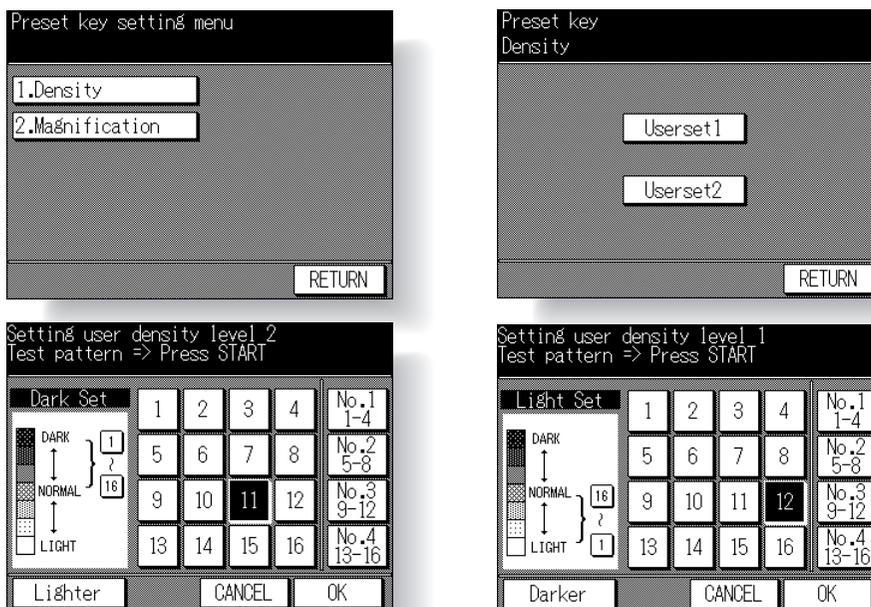
- 1 Touch **2. Copier Initial** on the Key Operator Mode Screen to display the Copier Initial Setting Menu Screen.
- 2 Touch **6. Non-image Erase** to display the Non-Image Erase Initial Setting Screen.
- 3 Touch **Oblique erase** or **Rectangular erase**, as desired.
You can also select the original density level to obtain the optimum copy effect using this function. Touch **AUTO**, or select the density level required. Five exposure levels are provided.
- 4 Touch **OK** to complete the setting and return to the Copier Initial Setting Menu Screen. If other copier initial setting changes are required, touch the desired key.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen. If other key operator settings are required, touch the desired key.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

[3] Preset Key

Set two USERSETs of copy density and three Presets of magnification.

■ 1. Density

Output copying samples from 16 density levels from LIGHT to NORMAL or NORMAL to DARK, then select the desired exposure and program it as Userset 1 or 2. The programmed copy density can be recalled by selecting USER 1 or USER 2 on the Basic Screen.



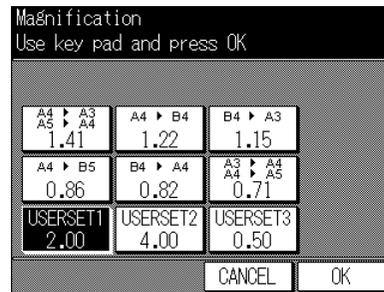
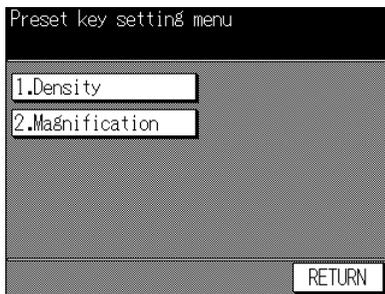
Procedure

- 1 Touch **3. Preset key** on the Key Operator Mode Screen to display the Preset Key Setting Menu Screen.
- 2 Touch **1. Density** to display the Userset Density Selection Screen.
- 3 Place the original on the platen glass.
- 4 Touch **UserSet 1** or **UserSet 2**. The Userset Density Darker Setting Screen will be displayed.
- 5 To program Userset (1 or 2) to a darker level, perform the following operation, then proceed to step 7.
 - (1) Touch **No.1 1~4**, **No.2 5~8**, **No.3 9~12**, or **No.4 13~16**, then press [START]. The darker level sample sheet will be output.
 - (2) Select the desired darker exposure level from the sample sheet(s), then touch the density No. from 1 to 16.
- 6 To program Userset (1 or 2) to a lighter level, perform the following operation.
 - (1) Touch **Lighter** to display the Userset Density Lighter Setting Screen.
 - (2) Touch **No.1 1~4**, **No.2 5~8**, **No.3 9~12**, or **No.4 13~16**, then press [START]. The lighter level sample sheet will be output.
 - (3) Select the desired lighter exposure level from the sample sheet(s), then touch the density No. from 1 to 16.
- 7 Touch **OK** to complete the settings and return to the Userset Density Selection Screen.
- 8 Touch **RETURN** on the Userset Density Selection Screen to return to the Preset Key Setting Menu Screen.
- 9 Touch **RETURN** to restore the Key Operator Mode Screen.
- 10 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

■ 2. Magnification

PRESET and USERSET ratios are used to reduce and enlarge the original image to accommodate copy paper size, and are available when RE is selected from the Basic Screen. The userset ratios may be changed by the key operator as shown below.

- Default setting: USERSET 1: 2.00
USERSET 2: 4.00
USERSET 3: 0.50



Procedure

- 1 Touch **3. Preset key** on the Key Operator Mode Screen to display the Preset Key Setting Menu Screen.
- 2 Touch **2. Magnification** to display the Userset Magnification Setting Screen.
- 3 Touch the **USERSET** you want to change, then enter a ratio from 0.25~4.00, using the keypad.
If a ratio under 0.25 is entered, 0.25 will be displayed.
If a ratio over 4.00 is entered, 4.00 will be displayed.
NOTE:
If you wish to change these PRESETs, contact your service centre.
- 4 Touch **OK** to complete the setting and return to the Preset Key Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

[4] EKC (Electronic Key Counter)

This setting can only be accessed by the key operator after an 8-digit EKC master key code is entered.

The EKC stores up to 256 EKC passwords, each of which represents a separate account that can be used for billing and recordkeeping. The number of users assigned to each EKC password may depend upon the billing system in operation and the number of individuals and departments using the copier. When the EKC is activated, copying can be performed only after a valid 5-digit EKC password is entered.

The following EKC settings can be made:

1. Change E.K.C. Data:

Create up to 256 individual EKC passwords, 00000~99999, and limit copy count for each password to a max. 999,999 copies.

2. E.K.C. Data List:

Display the copy count for each EKC password, and change limit settings.

3. All Counter Reset:

Clear the copy count for all passwords.

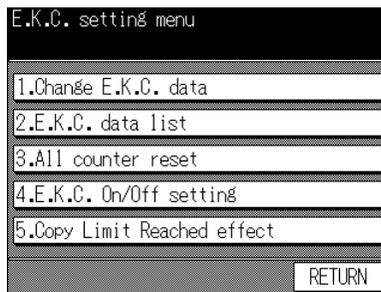
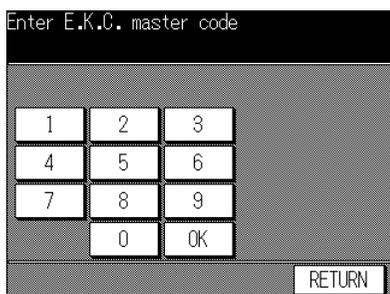
4. E.K.C. On/Off Setting:

Select the function to be on or off. The initial setting is Off.

5. Copy Limit Reached Effect:

Set the machine condition when the copy limit is reached. The machine can be set to stop immediately or after a job is completed, or to only display a warning message.

■ How to Access the EKC Setting Mode



Procedure

- 1 Touch **4. E.K.C.** on the Key Operator Mode Screen. The EKC Master Key Code Screen displays, if a code is required.
- 2 Use the keypad on the touch screen to enter your 8-digit EKC master key code, then touch **OK** to display the EKC Setting Menu Screen. (See note.)
- 3 Select the desired EKC function, and make settings, as required.
To exit the EKC mode, touch **RETURN** on the EKC Setting Menu Screen.
- 4 To exit the Key Operator mode, touch **RETURN** on the Key Operator Mode Screen to restore the Basic Screen.

NOTE:

If an invalid EKC master key code is entered, continue by entering the valid 8-digit code.

■ 1. Change EKC Data

Assign an ID No. for an individual or for a group, then create individual password(s) for each user. You can specify a name and limit count for each password.

- EKC ID No.: ID No. from 000~255, designated by key operator.
- EKC Password: Unique 5-digit numeric code programmed by key operator for user.
- User Name: max. 20 characters
- Copy Limit: 0 to 999,999 copies

Procedure

- 1 Touch **4. E.K.C.** on the Key Operator Mode Screen. Enter an 8-digit EKC master key code, then touch **OK** to display the EKC Setting Menu Screen.

NOTE:

If an invalid EKC master key code is entered, continue by entering the valid 8-digit code.

- 2 Touch **1. Change E.K.C. data** to display the EKC Data Input Screen.
- 3 **ID No.** key is highlighted, enabling you to immediately enter an ID No. Enter a 3-digit ID No. from 000~255 using the keypad on the control panel.

Change E.K.C. data
Use key pad and press OK

ID No.	
Password	
Name	
Limit	/

OK

Clear RETURN

- 4 Touch **Password** to highlight it. Enter a 5-digit EKC password using the keypad on the control panel.

NOTES:

1. Do not enter "00000". The initial EKC password value is "00000".
2. We recommend that you make a list of all EKC passwords and ID Nos.

Change E.K.C. data
Use key pad and press OK

ID No.	100
Password	
Name	
Limit	000000 / 000000

OK

Clear RETURN

- 5 Touch **Name** to display the Name Input Screen. If you do not specify the name, proceed to step **8**. This operation can be completed normally without the name specified.

Change E.K.C. data
Use key pad and press OK

ID No.	100
Password	11223
Name	
Limit	000000 / 000000

OK

Clear RETURN

Name Input 1/3

Name << KONICA >>

A	B	C	D	E	F	G	H	I	J	DEL.
K	L	M	N	O	P	Q	R	S	T	
U	V	W	X	Y	Z					
	.									
0	1	2	3	4	5	6	7	8	9	

Navigation arrows CANCEL OK

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

[4] EKC (Electronic Key Counter) (continued)

- 6 Input desired name according to the procedure below.
 - (1) Max. 20 characters can be entered.
 - (2) Use **↑** Upper arrow and **↓** Lower arrow keys on the Name Input Screen to input uppercase and lowercase letters and symbols.
 - (3) Touch **DEL.** to delete the input character from the last.
 - (4) Touching **CANCEL** on the Name Input Screen will clear all the input characters.
 - (5) To change the existing name, touch **DEL.** to delete it and enter the new name.
- 7 Touch **OK** on the Name Input Screen to return to the EKC Data Input Screen.

- 8 Touch **Limit**. Limit key will be highlighted, enabling you to immediately enter copy limit.
- 9 Enter a 6-digit copy limit for the ID No. using the keypad on the control panel. The input copy limit will be displayed on the right of the copy count.

NOTES:

1. If an invalid copy limit is entered, continue by entering the valid 6-digit copy limit.
2. Entering "000000" signifies no copy limit.
3. The Clear key, though it clears copy count, does not function on the EKC Data Input Screen.

- 10 To complete the settings, touch **OK** on the EKC Data Input Screen. To cancel the settings, touch **RETURN**.

When the same EKC password has been used for another ID No., the Password Duplication Screen will be displayed. To re-enter new password, touch **YES** and return to the step 4. To create duplicate password, touch **NO**, then touch **OK**.

NOTE:

It is possible to assign the same EKC password to different ID Nos. Note, however, that the number of copies will be counted only for the EKC password with the smallest ID No. Copy count for the other ID Nos. will not be monitored. We recommend you do not use duplicate EKC password.

- 11 The EKC Setting Menu Screen will be displayed.
Touch **RETURN** to restore the Key Operator Mode Screen.
- 12 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Change E.K.C. data	
Use key pad and press OK	
ID No.	100
Password	11223
Name	KONICA
Limit	000000 / 030000
OK	
Clear	RETURN

Password has been used	
Input new password?	
Yes	No
CANCEL OK	

■ 2. EKC Data List

Use this setting to display the list of copy count and copy limit for each ID No., and to edit, add, and delete these EKC data.

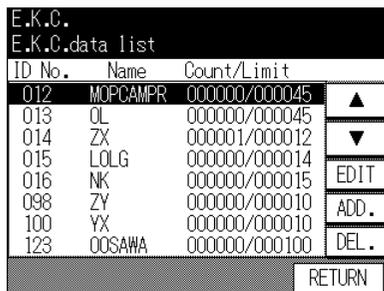
Procedure

- 1 Touch **4. E.K.C.** on the Key Operator Mode Screen. Enter an 8-digit EKC master key code, then touch **OK** to display the EKC Setting Menu Screen.

NOTE:

If an invalid EKC master key code is entered, continue by entering the valid 8-digit code.

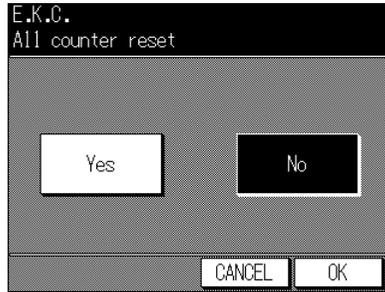
- 2 Touch **2. E.K.C.** data list to display the EKC Data List Screen.
- 3 To delete the EKC data:
 - (1) Touch Upper or Lower arrow (▲/▼) key on the right in the EKC Data List Screen to highlight the EKC data to be deleted.
 - (2) Touch **DEL.** The Delete Confirmation Screen will be displayed.
 - (3) Touch **Yes** to delete, or touch **No** to cancel.
- 4 To add the EKC data, touch **ADD.** The EKC Data Input Screen with invalid Clear key will be displayed. To input the EKC data, see p. 12-15 to p. 12-16.
- 5 To edit the EKC data, touch Upper or Lower arrow (▲/▼) key on the right in the EKC Data List Screen to highlight the EKC data to be edited, then touch **EDIT.** The EKC Data Edit Screen with valid Clear key will be displayed.
 - (1) To edit the EKC password, touch **Password.** Enter a new 5-digit EKC password using the keypad on the control panel. Do not enter "00000".
 - (2) To edit the name, touch **Name.** For details on the Name Input Screen, see p. 12-16.
 - (3) To edit the copy limit, Touch **Limit.** Enter a new 6-digit copy limit using the keypad on the control panel. Entering "000000" signifies no copy limit.
 - (4) To clear the copy count, touch **Clear.**
 - (5) To complete the settings, touch **OK** on the EKC Data Edit Screen. To cancel the settings, touch **RETURN.** The EKC Data List Screen will be displayed.
- 6 Touch **RETURN** to restore the EKC Setting Menu Screen.
- 7 Touch **RETURN** to restore the Key Operator Mode Screen.
- 8 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.



- Key Operator Mode
- System Initial
- Copier Initial
- Preset Key
- EKC**
- Lock Job Memory
- Paper Type
- Panel Contrast
- Key Operator Data
- Weekly Timer
- Touch Panel Adjustment
- Power Save
- Memory Switch
- List Print
- Application Customize
- Density Shift
- KRDS Host

■ 3. All Counter Reset

Reset the count for all EKC password Nos.



Procedure

- 1 Touch **4. E.K.C.** on the Key Operator Mode Screen. Enter an 8-digit EKC master key code, then touch **OK** to display the EKC Setting Menu Screen.
NOTE:
If an invalid EKC master key code is entered, continue by entering the valid 8-digit code.
- 2 Touch **3. All counter reset** to display the All Counter Reset Screen.
- 3 Touch **Yes** to reset all counters to zero.
Or, touch **No** not to reset. The selected key will be highlighted.
- 4 Touch **OK** to complete the settings and return to the EKC Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

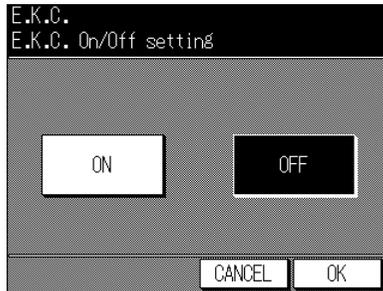
■ 4. EKC On/Off Setting

Use this function to turn EKC ON or OFF.

NOTE:

If EKC OFF is selected while EKC functions, the copier will be enabled to perform copying job without an EKC password entered, and both copy count and copy limit functions will be discontinued.

□ Default setting: EKC on



Procedure

- 1 Touch **4. E.K.C.** on the Key Operator Mode Screen. Enter an 8-digit EKC master key code, then touch **OK** to display the EKC Setting Menu Screen.

NOTE:

If an invalid EKC master key code is entered, continue by entering the valid 8-digit code.

- 2 Touch **4. E.K.C. On/Off setting** to display the EKC On/Off Setting Screen.
- 3 Touch **ON** to activate EKC or touch **OFF** to de-activate EKC.
The selected key will be highlighted.
- 4 Touch **OK** to complete the settings and return to the EKC Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

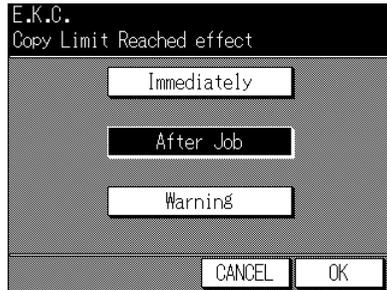
Density Shift

KRDS Host

■ 5. Copy Limit Reached Effect

Use this function to select whether the copier will stop when the count limit is reached, or if the copier will complete the copy job before stopping when reaching maximum copy count.

□ Default setting: After job



Procedure

- 1 Touch **4. E.K.C.** on the Key Operator Mode Screen. Enter an 8-digit EKC master key code, then touch **OK** to display the EKC Setting Menu Screen.

NOTE:

If an invalid EKC master key code is entered, continue by entering the valid 8-digit code.

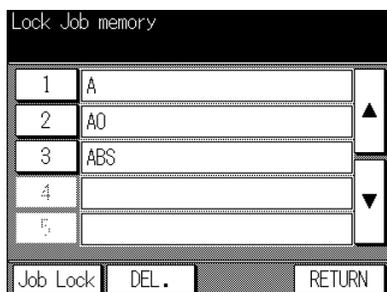
- 2 Touch **5. Copy Limit Reached effect** to display the Copy Limit Reached Effect Screen.
- 3 Select setting option:
Touch **Immediately** to stop the copier when the copy limit is reached.
In this case, the paper in process will be completed, and the message "Enter EKC password" will display after the copier stops.
Touch **After job** to stop the copier after the current job is completed.
Touch **Warning** only to display a warning message when copy limit is reached.
- 4 Touch **OK** to complete the settings and return to the EKC Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

[5] Lock Job Memory

Use this function to lock/unlock or delete a Job that has been programmed.

A locked job is indicated by a lock icon (🔒) on the job number of the Job Selection Screen.

The settings of a locked job cannot be changed.



Procedure

- 1 Touch **5. Lock Job memory** on the Key Operator Mode Screen to display the Job Memory Lock/Delete Screen.
- 2 To lock or unlock a job memory, operate the procedure below.
 - (1) Use ▲ Upper arrow and ▼ Lower arrow keys on the right in the Job Memory Lock/Delete Screen to scroll to the job to be locked/unlocked.
 - (2) Touch the desired job number key to highlight it.
 - (3) Touch **Job Lock**. The job to be locked will display the lock icon in the job number. The previously locked job will be unlocked and the lock icon will disappear.
- 3 To delete a job memory, operate the procedure below.
 - (1) Use ▲ Upper arrow and ▼ Lower arrow keys on the right in the Job Memory Lock/Delete Screen to scroll to the job to be deleted.
 - (2) Touch the desired job number key to highlight it.
 - (3) Touch **DEL.** Programs and the name will be deleted from the job memory.

NOTES:

- A locked job can also be deleted, with the lock on the job number released at the same time.
- Once deleted, the programs cannot be restored.

- 4 Touch **RETURN** to restore the Key Operator Mode Screen.
- 5 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

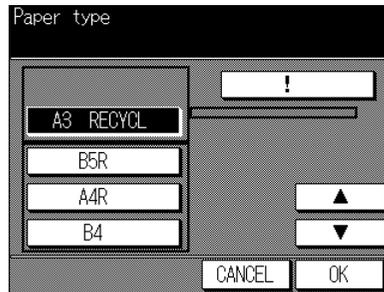
Density Shift

KRDS Host

12
Key Operator Mode

[6] Paper Type

Use this function to indicate a specific paper type for each tray key on the Basic Screen. This is especially useful when special paper is used on a regular basis and is always placed in a specific paper tray.



Procedure

- 1 Touch **6. Paper type** on the Key Operator Mode Screen to display the Paper Type Setting Screen.
- 2 Touch the desired paper tray to highlight it.
- 3 Touch the ▲ Upper arrow or ▼ Lower arrow key to select paper type.
The name of paper type displayed on the highlighted tray key will change as follows:
---- (blank) → RECYCL → COLOUR → LTRHD → SPCL. → LABELS → INVOIC → LEGAL
Touch the arrow keys until the desired name appears.
- 4 Touch **OK** to complete the setting and return to the Key Operator Mode Screen.
- 5 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

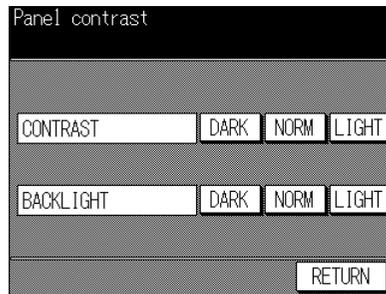
[7] Panel Contrast

Use this feature to adjust the contrast and backlight of the touch screen portion of the control panel.

NOTE:

The control panel contrast feature can be adjusted from the Help Screen provided that the feature setting is activated by Service. When the Control panel contrast key is pressed, the Contrast Adjustment Screen will be displayed. Contact your service centre if the feature is required.

- Default settings: Contrast normal; Back light normal



Procedure

- 1 Touch **7. Panel contrast** on the Key Operator Mode Screen to display the Panel Contrast Screen.
- 2 To adjust the contrast, touch **DARK**, **NORM**, or **LIGHT** of CONTRAST.
- 3 To adjust the backlight, touch **DARK**, **NORM**, or **LIGHT** of BACKLIGHT.
- 4 Touch **RETURN** to complete the setting and return to the Key Operator Mode Screen.
- 5 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

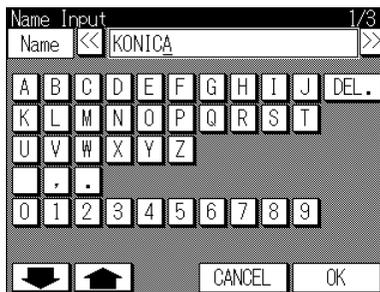
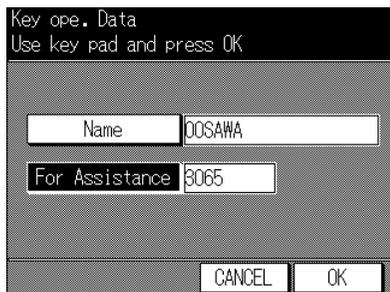
Density Shift

KRDS Host

12
Key Operator Mode

[8] Key Operator Data

Use this screen to enter the extension number of the key operator indicated on the Help Screen.



Procedure

- 1 Touch **8. Key ope. Data** on the Key Operator Mode Screen to display the Key Operator Data Input Screen.
- 2 Touch **Name** to display the Name Input Screen.
Input desired name according to the procedure below.
 - (1) Max. 20 characters can be entered.
 - (2) Use **↑** Upper arrow and **↓** Lower arrow keys on the Name Input Screen to input uppercase and lowercase letters and symbols.
 - (3) Touch **DEL.** to delete the input character from the last.
 - (4) Touching **CANCEL** on the Name Input Screen will clear all the input characters.
 - (5) To change the existing name, touch **DEL.** to delete it and enter the new name.
- 3 Touch **OK** on the Name Input Screen to return to the Key Operator Data Input Screen.
- 4 Touch **For Assistance**.
Enter an extension number up to 8 digits from the keypad on the control panel.

NOTE:

If an invalid extension number is entered, continue by entering the valid 8-digit number.

- 5 Touch **OK** to complete the setting and return to the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

[9] Weekly Timer

The Weekly Timer is a copier management function that shuts down power to the machine on a daily or hourly basis. The timer can be programmed specifically for lunch breaks, weekends and holidays, or any time the copier is not required.

A unique 4-digit Weekly timer master key code is normally set by service installation. If the unique code is not set by service, the copier will not display the Weekly Timer Master Key Code Screen when the Weekly Timer mode is being accessed, and a Weekly timer master key code will not be required.

To ensure the security of Weekly Timer mode, it is recommended that you establish a unique Weekly timer master key code.

In Addition, Timer Interrupt can be enabled (with or without a password requirement) to allow temporary use of the machine during periods when power is shut down by the Timer function.

Conditions required to use the Weekly Timer:

- The power plug is inserted into the socket.
- The main power switch and power switch are turned on.
- The current date and time are correctly set.

If the Weekly timer needs to be activated on your machine, contact your service centre.

The following Weekly timer settings can be made.

1. Weekly Timer Setting

Enable and disable the Timer function.

2. Weekly Timer Copier ON/OFF Time Set

Specify the times that the copier will turn ON and OFF for each day of the week or the entire week.

3. Machine Working Day Individual Set

Specify the working days of the machine by the Timer, for all Mondays through Sundays, and/or individually for each day of the given month.

4. Lunch Hour Off Function

Specify the lunch time interval during which the copier will go off and on.

5. Password Setting

Require Password entry for the Timer off function and establish the amount of usage time.

NOTES:

- The time is set in terms of the 24 hour clock, where hour [1] is the first hour after midnight; and hour [24] is the hour of midnight. For example, 6 a.m. is 06:00 hours; 6 p.m. is 18:00 hours.
- The [AUTO RESET] key is used to change numbers determined by the **SET** touch key.

Key Operator
Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job
Memory

Paper Type

Panel
Contrast

Key Operator
Data

Weekly Timer

Touch Panel
Adjustment

Power Save

Memory
Switch

List Print

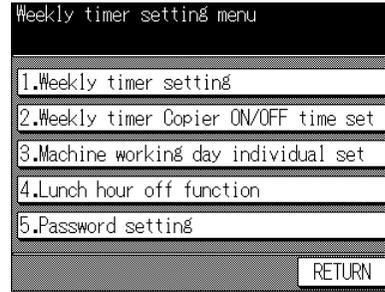
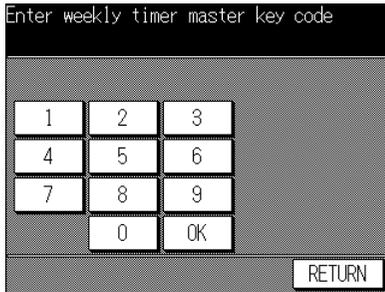
Application
Customize

Density Shift

KRDS Host

12
Key Operator
Mode

■ How to Access the Weekly Timer Setting Mode

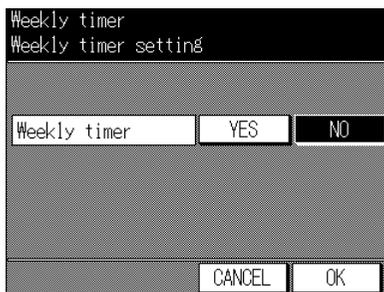


Procedure

- 1** Touch **9. Weekly Timer** on the Key Operator Mode Screen.
The Weekly Timer Master Key Code Screen displays when the 4-digit Weekly timer master key code is set by service.
Otherwise, the Weekly Timer Setting Menu Screen displays without the code requirement.
- 2** If the Weekly Timer Master Key Code Screen is displayed, use the keypad on the touch screen to enter your 4-digit Weekly timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen.
NOTE:
If an invalid Weekly timer master key code is entered, continue by entering the valid 4-digit code.
- 3** Select the desired Weekly timer function, and make settings, as required.
- 4** To exit the Weekly timer mode, touch **RETURN** on the Weekly Timer Setting Menu Screen.
- 5** To exit the Key operator mode, touch **RETURN** on the Key Operator Mode Screen to restore the Basic Screen.

■ 1. Weekly Timer Setting

□ Default setting: Weekly timer OFF



Procedure

- 1 Touch **9. Weekly Timer** on the Key Operator Mode Screen. Enter your 4-digit Weekly timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen.

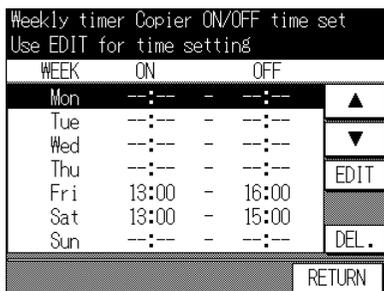
NOTE:

If an invalid Weekly timer master key code is entered, continue by entering the valid 4-digit code.

- 2 Touch **1. Weekly timer setting** to display the Weekly Timer ON/OFF Setting Screen.
- 3 Touch **YES** to activate Weekly timer, or touch **NO** to de-activate Weekly timer. The selected key will be highlighted.
- 4 Touch **OK** to complete the setting and return to the Weekly Timer Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

■ 2. Weekly Timer Copier ON/OFF Time Set

Use this function to set the On/Off times in hours and minutes for each day of the week, or set the collective time for the entire week, i.e., the same On/Off time for each day.



Procedure

- 1 Touch **9. Weekly Timer** on the Key Operator Mode Screen. Enter your 4-digit Weekly timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen.

NOTE:

If an invalid Weekly timer master key code is entered, continue by entering the valid 4-digit code.

- 2 Touch **2. Weekly timer copier ON/OFF time set** to display the W.T. ON/OFF Time Setting Screen.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

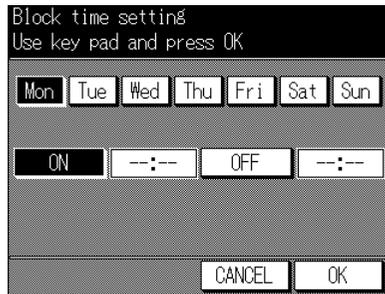
Density Shift

KRDS Host

12
Key Operator Mode

[9] Weekly Timer (continued)

- 3 Use the procedure below to set the ON time and OFF time for the desired days of the week.
 - (1) Touch **EDIT** to display the W.T. ON/OFF Time Block Setting Screen.



- (2) Touch and highlight the keys of the desired day of the week from Monday through Sunday to set the same ON time and OFF time.
- (3) Touch **ON** to enter the ON time.
Enter a 2-digit ON-hour (ex. 8 a.m. is 08) and a 2-digit ON-minute (ex. 7 min. is 07) using the keypad on the control panel.
- (4) Touch **OFF** to enter the OFF time.
Enter a 2-digit OFF-hour (ex. 6 p.m. is 18) and a 2-digit OFF-minute using the keypad on the control panel.

NOTES:

- If ON-time and OFF-time are the same, power will not go on.
- Be sure to enter both ON-time and OFF time.
- Be sure to enter the On/Off time for a day off also, so that you can specify the machine working days on the W.T. Working Day Individual/Block Setting Screen.

- (5) Touch **OK** to complete the settings and return to the W.T. ON/OFF Time Setting Screen.
 - (6) Confirm the ON-time and OFF-time on the W.T. ON/OFF Time Setting Screen.
- 4 Use the procedure below to delete the ON-time and OFF-time of the day of the week.
 - (1) Use the ▲ Upper arrow and ▼ Lower arrow keys to select the day of the week to be deleted.
 - (2) Touch **DEL**.
 - (3) On-time and OFF-time of the day of the week are deleted and "--:--" are displayed.

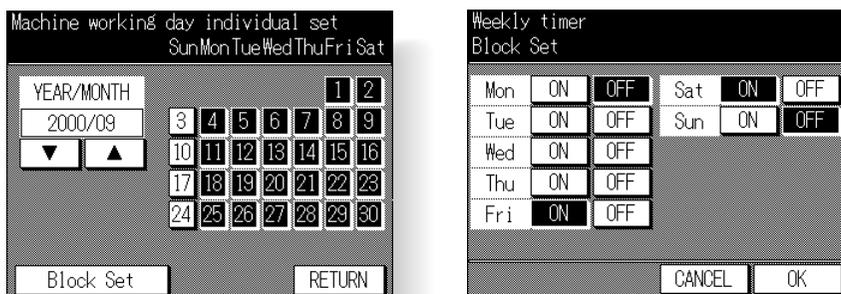
NOTE:

On the day of the week with the ON/OFF-time deleted, you can not turn on the power.

- 5 Touch **RETURN** to complete the settings and return to the Weekly Timer Setting Menu Screen.
- 6 Touch **RETURN** to restore the Key Operator Mode Screen.
- 7 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

■ 3. Machine Working Day Individual Set

Use this function to set the On/Off condition of the copier for a given month. Set the On/Off condition for specific days; or collectively, for all Mondays through Sundays of the given month. The default setting is collective: On for Mondays through Saturdays, and Off for Sundays.



Procedure

- 1 Touch **9. Weekly Timer** on the Key Operator Mode Screen. Enter your 4-digit Weekly timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen.

NOTE:

If an invalid Weekly timer master key code is entered, continue by entering the valid 4-digit code.

- 2 Touch **3. Machine working day individual set** to display the W.T. Working Day Individual Setting Screen.
- 3 Use the procedure below to individually set the timer-active days.
 - (1) Touch the key for the timer-active day to be highlighted.
 - (2) Use the **▲** Upper arrow and **▼** Lower arrow keys to scroll to the desired month.
- 4 Use the procedure below to collectively set the timer-active days by the day of the week.
 - (1) Touch **Block Set** to display the W.T. Working Day Block Setting Screen.
 - (2) To set the Timer action ON, touch **ON** for the desired day.
To set the Timer action OFF, touch **OFF** for the desired day.
If you touch an already-highlighted key, no change will occur.
 - (3) Touch **OK** to complete the settings and return to the W.T. Working Day Individual Setting Screen.

NOTE:

The selected days will be highlighted in black on the W.T. Working Day Individual Setting Screen when restored, however, the working day individual setting has priority so that you can make setting change for each day on that screen, if desired.

- 5 Touch **RETURN** to complete the settings and return to the Weekly Timer Setting Menu Screen.
- 6 Touch **RETURN** to restore the Key Operator Mode Screen.
- 7 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

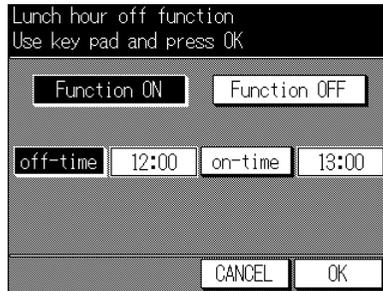
KRDS Host

12
Key Operator Mode

■ 4. Lunch Hour Off Function

The Weekly timer function turns the copier ON and OFF once a day. Use the Lunch hour off function to shut down power during the lunch break and then turn it on again according the Weekly timer function setting. Only one off-time interval can be programmed.

- Default setting: Lunch hour off function OFF



Procedure

- 1 Touch **9. Weekly Timer** on the Key Operator Mode Screen. Enter your 4-digit Weekly timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen.

NOTE:

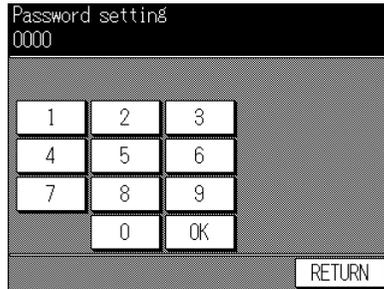
If an invalid Weekly timer master key code is entered, continue by entering the valid 4-digit code.

- 2 Touch **4. Lunch hour off function** to display the Lunch Hour Off Setting Screen.
- 3 Use the procedure below to activate Lunch hour off.
 - (1) Touch **Function ON** to highlight it.
 - (2) Touch **off-time**.
Enter a 2-digit off-hour (ex. 9 a.m. is 09) and a 2-digit off-minute (ex. 7 min. is 07) using the keypad on the control panel.
 - (3) Touch **on-time**.
Enter a 2-digit on-hour and a 2-digit on-minute using the keypad on the control panel.
- 4 To de-activate Lunch hour off, touch **Function OFF**. The time setting area will appear grayed out and cannot be selected. The Function OFF setting is the factory default setting.
- 5 Touch **OK** to complete the setting and return to the Weekly Timer Setting Menu Screen.
- 6 Touch **RETURN** to restore the Key Operator Mode Screen.
- 7 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

■ 5. Password Setting

Use this password setting mode to establish a 4-digit password requirement for using Timer Interrupt function. The default password of 0000 allows the timer function to be interrupted without the requirement for password entry.

- Default setting: Timer interrupt password 0000



Procedure

- 1 Touch **9. Weekly Timer** on the Key Operator Mode Screen. Enter your 4-digit Weekly timer master key code, then touch **OK** to display the Weekly Timer Setting Menu Screen.

NOTE:

If an invalid Weekly timer master key code is entered, continue by entering the valid 4-digit code.

- 2 Touch **5. Password setting** to display the W.T. Interrupt Password Setting Screen.
- 3 Input a new 4-digit password using touch panel keypad, and touch **OK** to complete the setting.

NOTE:

When the password setting is 0000 (factory default setting), timer interrupt can be used simply by pressing the Power switch.

- 4 Touch **RETURN** to restore the Weekly Timer Setting Menu Screen.
- 5 Touch **RETURN** to restore the Key Operator Mode Screen.
- 6 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

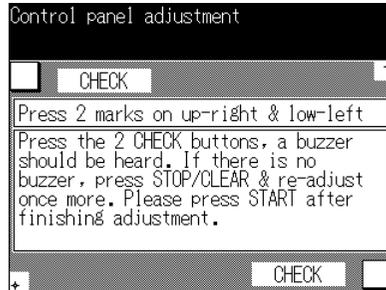
KRDS Host

12
Key Operator Mode

[10] Touch Panel Adjustment

Use this feature to check the malfunction of the LCD touch screen due to the shift in position of the touch sensor.

- When the Touch Panel Adjustment Screen does not display in step 2, press one from keypad [0] ~ [9].



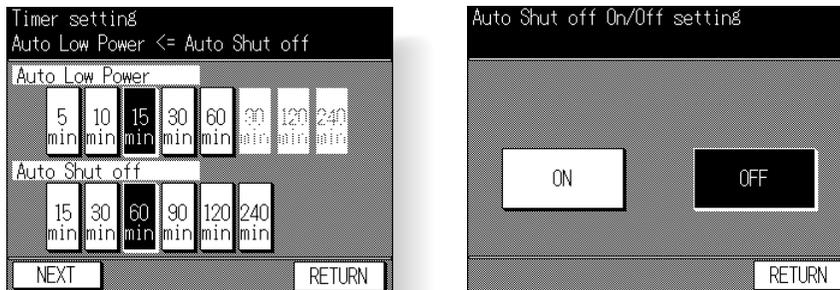
Procedure

- 1 Touch **10. Touch panel adj** on the Key Operator Mode Screen to display the Touch Panel Adjustment Screen.
- 2 Touch the “+” indication at the upper right and lower left corners on the Control Panel Adjustment Screen. The present coordinates will be displayed in the message area of the screen.
NOTE:
When touching the “+” indications, it is recommended that you use a sharp point such as a pencil to be much more accurate.
- 3 Check that the X coordinate and Y coordinate displayed in the first line of the message area fall within the standard value displayed in the second line.
- 4 Touch the **CHECKs** at the upper left and lower right corners on the screen to check if the buzzer tone functions normally.
- 5 If the coordinates fall out of the range of the standard value in step 3, or the buzzer tone does not sound in step 4, repeat the adjustment procedure from 2 to 4, or contact Konica service centre.
- 6 Press [START] on the control panel to complete the setting.

[11] Power Save

Select the interval of time that must elapse before Auto Low Power and Auto Shut Off become activated. Or, select the Auto Shut Off function to On or Off.

- Default settings: Auto low power; 15 min.
Auto shut off; 60 min.



Procedure

- 1 Touch **11. Power Save** on the Key Operator Mode Screen to display the Power Save Timer Setting Screen.
- 2 Touch the timer key below the “Auto Low Power” indicator to select a specific waiting period before activation of the Auto Low Power function. The default setting is 15min. If the Auto Shut off function is not desired, proceed to step 4. If the “Auto Low Power” indicator light is dim and the timer keys cannot be selected, proceed to step 3.

NOTES:

- The period of time selected for Auto Low Power cannot exceed the Auto Shut Off setting.
- If the same period of time as Auto Shut Off is selected for Auto Low Power, the Auto Shut Off will function instead of Auto Low Power.

- 3 Touch the timer key displayed under the “Auto Shut off” indicator on the Power Save Timer Setting Screen, to select the period of time to wait before activating Auto Shut Off. The default setting is 60 min.

NOTE:

If the period of time selected for Auto Shut Off is shorter than the Auto Low Power setting, the setting for Auto Low Power will be automatically changed to that of the Auto Shut Off setting, and the Auto Low Power indicator light will dim. In this case, Auto Low Power will not function.

- 4 Touch **NEXT** on the Timer Setting Screen to display the Auto Shut Off ON/OFF Setting Screen.
- 5 Touch **ON** to activate Auto Shut Off, or touch **OFF** to de-activate it. The default setting is the ON setting. When OFF is selected, Auto Shut Off will not function and the period of time for Auto Low Power can be selected from 5, 10, 15, 30, 60, 90, 120, and 240min.
- 6 Touch **RETURN** to restore the Key Operator Mode Screen.
- 7 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

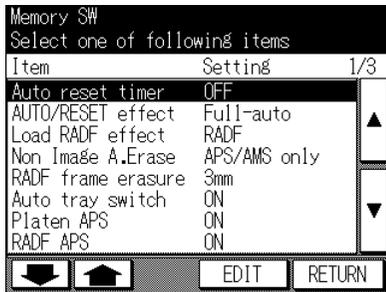
12
Key Operator Mode

[12] Memory Switch

This function allows you to change the Memory Settings listed below. Underlined settings indicate factory settings. See pp. 12-36~12-37 for details on Memory Settings.

SW No. Item	Setting (default is underlined)
No.01: Auto reset timer	<u>OFF</u> / 30sec. / 60 sec. / 90 sec. / 120 sec. / 150 sec. / 180 sec. / 210 sec. / 240 sec. / 270 sec. / 300 sec.
No.02: Auto/reset effect	<u>Full-auto</u> / Initial setting
No.03: Load RADF effect	<u>RADF</u> / RADF + AUTO RESET
No.04: Non Image A. Erase	ON / <u>APS/AMS only</u>
No.05: RADF frame erasure	None / 1 mm / 2 mm / <u>3 mm</u> / 4 mm / 5 mm
No.06: Auto tray switch	<u>OFF</u> / ON
No.07: Platen APS	OFF / <u>ON</u>
No.08: RADF APS	OFF / <u>ON</u>
No.09: ATS/APS (Bypass)	OFF / <u>ON</u>
No.10: ATS/APS SW (Tray 1)	OFF / <u>ON</u>
No.11: ATS/APS SW (Tray 2)	OFF / <u>ON</u>
No.12: ATS/APS SW (Tray 3)	OFF / <u>ON</u>
No.13: ATS/APS SW (Tray 4)	OFF / <u>ON</u>
No.14: Platen AMS	OFF / <u>ON</u>
No.15: RADF AMS	OFF / <u>ON</u>
No.16: Staple mode reset	<u>OFF</u> / ON
No.17: Key click sound	<u>OFF</u> / Low / High
No.18: Job memory recall	<u>OFF</u> / ON
No.19: Sheet insertion	<u>Tray 1</u> / Tray 2 / Tray 3 / Tray 4 / Bypass
No.20: A5 original type	<u>Landscape</u> / Portrait
No.21: Rotation	OFF / ON / APS/AMS/reduce / <u>APS/AMS only</u> / APS only
No.22: 1 SHOT Indication	1 sec. / 2 sec. / <u>3 sec.</u> / 4 sec. / 5 sec.

[12] Memory Switch (continued)



Procedure

- 1 Touch **12. Memory SW** on the Key Operator Mode Screen to display the Memory Switch Screen. The Memory Switch Screen can be scrolled to the third screen.
- 2 Use the procedure below to select the desired item and change the setting.
 - (1) Use **▲** Upper arrow and **▼** Lower arrow keys at the lower left on the Memory Switch Screen to scroll the screen.
 - (2) Touch **▲** Upper arrow or **▼** Lower arrow key at the right on the Memory Switch Screen to highlight the desired item.
 - (3) Touch **EDIT** to change the setting of the highlighted item.
 - (4) Repeat above steps (1) to (3) to make several changes in succession.
- 3 Touch **RETURN** to restore the Key Operator Mode Screen.
- 4 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

12
Key Operator Mode

[12] Memory Switch (continued)

The following functions can be provided by the Memory switch settings.

[1] Auto reset timer

Sets the time interval for the machine to reset to the initial condition.

Options: Off or 30/60/90/120/150/180/210/240/270/300 seconds.

[2] Auto/reset effect

Sets the condition of Copy mode, Copy density, Magnification, and Paper tray selection when the [AUTO RESET] key is pressed.

Options: Full-auto (factory setting) or Initial (key operator setting). Full-auto is the default setting.

[3] Load RADF effect

Determines how the machine initializes when it is in the platen copy mode (non RADF) and an original is inserted in the RADF feed tray.

Options: RADF and RADF + AUTO/RESET. The RADF option will activate the RADF without resetting any other features. The RADF + AUTO/RESET option will activate the RADF and reset the machine to the features programmed in memory switch #2.

[4] Non Image Area Erase

Establishes how the machine determines the image area of the copy.

Options: ON and APS/AMS only. ON option limits the copy image area to that of the original. The APS/AMS only option limits the copy image area to that of the copy paper sizes and the magnification automatically selected by the machine.

[5] RADF frame erasure

Sets the amount of frame erase when using the RADF.

Options: None, 1mm/ 2mm/ 3mm/ 4mm/ 5mm.

[6] Auto tray switch

During a copy job when ATS is on and multiple paper trays are loaded with the same size paper, the machine will automatically switch to another tray when the initial tray runs out of paper. Refer to memory switches 9 through 13 to activate this feature for each tray.

[7] Platen APS

This feature allows the machine to automatically detect the size of the original placed on the glass and select the same size copy paper. Refer to switches 9 ~ 13 to activate this feature for each tray.

[8] RADF APS

This feature allows the machine to detect the size of the original fed through the RADF. Refer to switches 9 ~ 13 to activate this feature for each tray.

[9] ATS/APS (Bypass)

This setting activates ATS and APS (platen and RADF) for Multi-sheet bypass.

[10] ATS/APS SW (Tray 1)

This setting activates ATS and APS (platen and RADF) for Tray 1.

[12] Memory Switch (continued)

[11] ATS/APS SW (Tray 2)

This setting activates ATS and APS (platen and RADF) for Tray 2.

[12] ATS/APS SW (Tray 3)

This setting activates ATS and APS (platen and RADF) for Tray 3.

[13] ATS/APS SW (Tray 4)

This setting activates ATS and APS (platen and RADF) for Tray 4.

[14] Platen AMS

This feature allows the machine to automatically select the proper magnification ratio when copy paper size is selected manually and an original is placed on the platen glass.

[15] RADF AMS

This feature allows the machine to automatically select the proper magnification ratio when copy paper size is selected manually and an original is fed from the RADF.

[16] Staple mode reset

When copying in the sort/staple mode, this setting allows the machine to automatically reset to non-staple mode when the job in progress is completed.

[17] Key click sound

When this feature is Low or High, the machine activates a buzzer sound when the touch sensitive screen is touched or any key is pressed. This confirms the machine recognition of the selection.

[18] Job memory recall

This feature allows the machine to initialize using selections stored in job memory No.15 when the power is turned on or the [AUTO RESET] key is pressed.

NOTE:

This function works only when job memory No.15 is registered.

[19] Sheet insertion

This setting allows selection of tray 1, tray 2, tray 3, tray 4, or Bypass as the source of the inserted sheets.

[20] A5 original type

Selects orientation of A5 size originals.
Options: Landscape or portrait.

[21] Rotation

When turned on the feature allows the machine to automatically rotate an A4 original image to match the manually selected paper size. For example, if an original is placed in the RADF or on the platen glass in the A4R position and the A4 paper size is selected, the machine will rotate the image to fit the A4 paper.

[22] 1 SHOT indication time

Determines the duration of messages that are displayed, i.e., 50 SHEETS MAXIMUM IN STAPLE MODE.
Options: 1/ 2/ 3/ 4 or 5 seconds.

Key Operator
Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job
Memory

Paper Type

Panel
Contrast

Key Operator
Data

Weekly Timer

Touch Panel
Adjustment

Power Save

Memory
Switch

List Print

Application
Customize

Density Shift

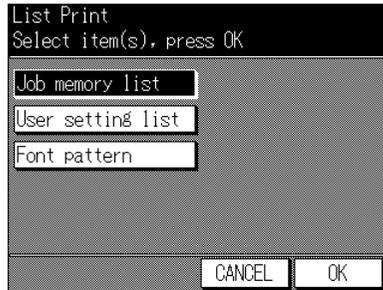
KRDS Host

12
Key Operator
Mode

[13] List Print

Use this function to print out the list selected from the following items.

- Job memory list: Programmed contents of Job memory
- User setting list: Machine informations managed by EKC and home position settings selected by user
- Font pattern: Font patterns used in the machine

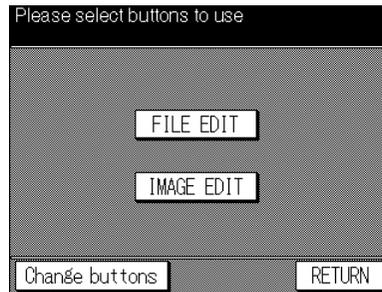
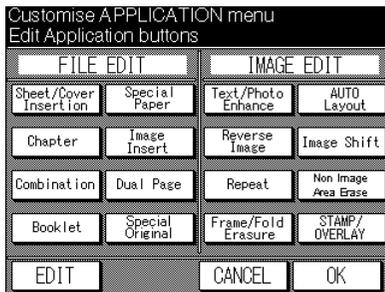


Procedure

- 1 Touch **13. List Print** on the Key Operator Mode Screen to display the List Print Screen.
- 2 Touch **Job memory list**, **User setting list**, or **Font pattern** to highlight it.
- 3 Touch **OK** to print out the desired list.
Press the [STOP/CLEAR] key on the control panel to stop printing.
After completion of printing, the copier will automatically return to the List Print Screen.
When printing other lists, return to step 2.
- 4 Touch **CANCEL** to restore the Key Operator Mode Screen.
- 5 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

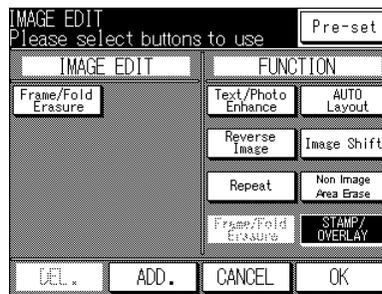
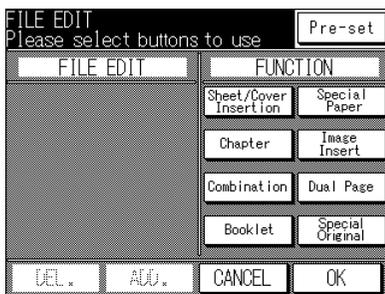
[14] Application Customize

Use this function to rearrange, display, or hide the application keys on the Application Selection Screen.



Procedure

- 1 Touch **14. APPLI customize** on the Key Operator Mode Screen to display the Application Customize Screen.
The application function keys currently set are displayed on the screen.
When setting change is desired, touch **EDIT** to display the Item Selection Screen.
- 2 Touch **FILE EDIT** or **IMAGE EDIT**, as desired.



- 3 On the File/Image Edit Customize Screen, touch to highlight the desired application function key on the right, then touch **ADD**. Selected key will move to the left part of the screen, while the key on the right will be dimmed to show inactivity.
- 4 To cancel the selection you made, touch to highlight the desired key on the left, then touch **DEL**. The selected key will disappear.
Touch **Pre-set** to restore the previous setting.
- 5 Touch **OK** to complete the settings, then touch **EDIT** to return to the Item Selection Screen.
Touch another item key, if desired, or touch **Change buttons** to restore the factory setting.
- 6 Touch **RETURN** to restore the Application Customize Screen. Confirm the setting you made on this screen.
- 7 Touch **OK** to restore the Key Operator Mode Screen.
- 8 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

Memory Switch

List Print

Application Customize

Density Shift

KRDS Host

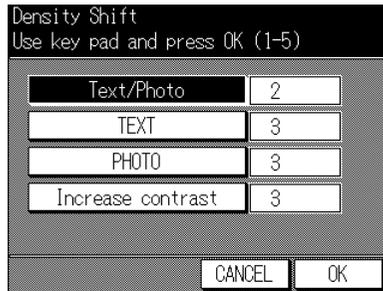
12
Key Operator Mode

[15] Density Shift

Density shift divides each of nine density levels into two levels of lighter and three levels of darker when used in combination with Text/Photo Enhance.

Density shift selection can be made in each of four Text/Photo Enhance modes; Text/Photo (general), Text, Photo, and Increase Contrast.

- Setting options: Density shift 0/ 1/ 2/ 3 (standard)/ 4/ 5



Procedure

- 1 Touch **15. Density Shift** on the Key Operator Mode Screen to display the Density Shift Setting Screen.
- 2 Select the Text/Photo Enhance mode.
Touch **Text/Photo**, **TEXT**, **PHOTO**, or **Increase contrast** to highlight it, then enter the desired density shift (from 0 to 5) using the control panel keypad.
- 3 Touch **OK** to complete the settings and return to the Key Operator Mode Screen.
- 4 If no further changes are required, touch **RETURN** to restore the Basic Screen to perform copying operations.

[16] KRDS Host

When activated, the Remote Diagnostics option is automatically monitored by a Konica service centre. In case of machine trouble, select the KRDS host option. Your service centre will contact you to determine the appropriate means for resolving the problem.



Procedure

- 1 Touch **16. KRDS host** on the Key Operator Mode Screen to display the KRDS Host Menu Screen.
- 2 Touch **1. JAM history, 2. SC history, 3. NO TONER, 4. NO PAPER, 5. COPY QUALITY, or 6. OTHER REASON**, as required.
The Start Call Screen will be displayed.
- 3 Touch **START** to call remote service centre.
- 4 Touch **RETURN** to restore the Key Operator Mode Screen.
- 5 Touch **RETURN** to restore the Basic Screen.

Key Operator Mode

System Initial

Copier Initial

Preset Key

EKC

Lock Job Memory

Paper Type

Panel Contrast

Key Operator Data

Weekly Timer

Touch Panel Adjustment

Power Save

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List Print

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KRDS Host

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