

# 3005ci | 3505ci | 4505ci | 5505ci

### User Manual





### **Preface**

Thank you for purchasing the 3005ci/3505ci/4505ci/5505ci.

This Operation Guide is intended to help you operate the machine correctly, perform routine maintenance, and take simple troubleshooting measures as needed so that the machine can always be used in the optimum condition.

Please read this Operation Guide before using the machine.

#### We recommend the use of our own brand supplies.

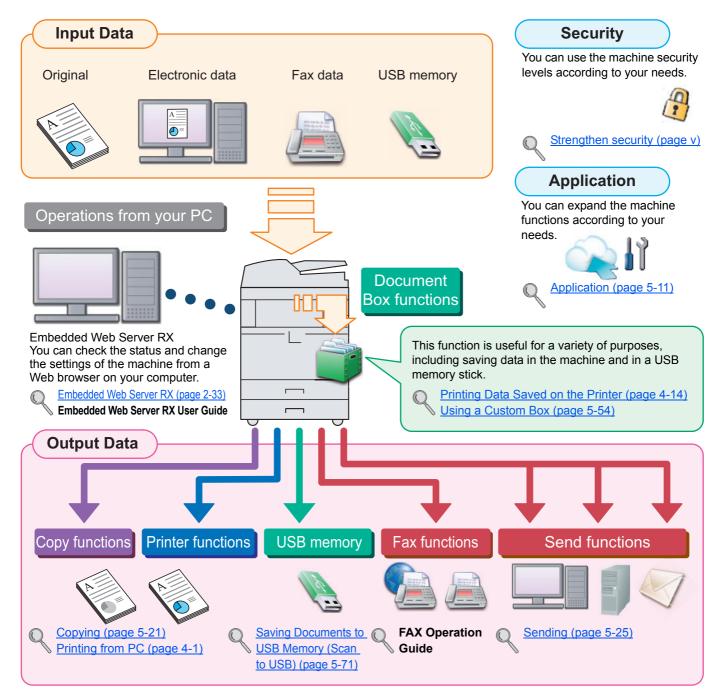
Please use our genuine toner containers, which have passed rigorous quality control testing.

The use of non-genuine toner containers may cause failure.

We will not be liable for any damages caused by the use of third party supplies in this machine.

### **Overview**

This machine is equipped standard with copy and print functions, and a scanned image can be sent to an E-mail recipient as an attachment or to a computer on the same network. A fax function is available as an option.



#### NOTE

- Before using the machine, be sure to read Legal and Safety Information on page 1-1.
- For preparations for use of the machine such as cable connections and software installation, refer to <u>Installing and Setting up the Machine on page 2-1</u>.
- To learn how to load paper, place originals, set up shared folders, and add addresses to the address book, refer to Preparation before Use on page 3-1.

### **Machine Features**

The machine is equipped with many useful functions. Here are some examples. For details, refer to <u>Using Various</u> Functions (page 6-1).

#### Optimize your office workflow

Access to frequently used functions with just one touch (Program)



You can preset frequently used functions. Once you set the functions as a preset program, all you need to do is press the program number to call up the functions. Using this program brings the same results even if operated by another person.



Program (page 5-6)

Scan originals of different sizes at a time (Mixed Size Originals)



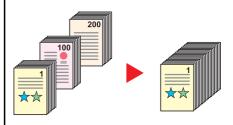
It is useful when preparing conference materials.

You can set the different sized originals at one time so you don't need to reset the originals regardless of size.



Mixed Size Originals (page 6-14)

Scan a large number of originals in separate batches and produce as one job (Continuous Scan)



It is useful when preparing many-page handouts.

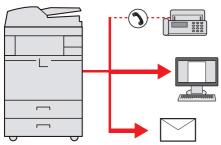
When a large number of originals cannot be placed in the document processor at one time, the originals can be scanned in separate batches and then copied or sent as one job.



Continuous Scan (page 6-58)

#### Optimize your office workflow

Send one time with multiple sending options (Multi Sending)



You can send a same document to the multiple destinations using a different method.

You can specify multiple destinations of different send methods such as E-mail, SMB, and Fax.

You can reduce your workflow by sending a job at once.



Sending to Different Types of Destinations (Multi Sending) (page 5-38)

Save frequently used documents in the machine (Custom Box)



You can share frequently used documents with the others.

You can save the frequently used document in the machine and print or send it when needed.

A document can be shared among multiple users.



Using a Custom Box (page 5-54)

#### Save energy and cost

Save energy as needed (Energy Saver function / Energy Saver Recovery Level)



The machine is equipped with Energy Saver function that automatically switched into Low Power Mode or Sleep Mode. You can set appropriate Energy Saver Recovery Level depending on the operation.

In addition, the machine can automatically be switched into Sleep and recovered at a specified time for each day of the week.

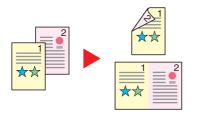


Energy Saver function (page 3-14)

Weekly Timer Settings (page 8-56)

#### Save energy and cost

## Print multiple originals onto one sheet (Duplex / Combine)



You can print originals on both sides of the paper. You can also print multiple originals onto one sheet.



Combine (page 6-36)
Duplex (page 6-44)

# Skip blank pages when printing (Skip Blank Page)



When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank.



Skip Blank Page (page 6-63)

#### Create attractive documents

# Prevent image bleed-through (Prevent Bleed-through)



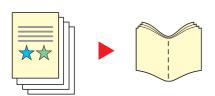
You can prevent image bleed-through from the reverse side when scanning thin originals.



Prevent Bleed-thru (page 6-31)

#### Create attractive documents

### Create a booklet (Booklet)



It is useful when preparing handout.

You can create a magazine, pamphlet, or other booklet from sheet originals.

Facing-page, two-sided copies of originals can be folded down the center to create a booklet.

The cover page can be printed onto colored paper or heavy paper.



Booklet (page 6-41)

### Print a stamp on copies (Text Stamp / Bates Stamp)



It is useful when adding text or date that is not included in originals.

You can print desired text and date as a stamp onto the first page or all pages.



Text Stamp (page 6-54)

Bates Stamp (page 6-56)

# Change appearance of image easily (One touch image adjust)



Change the appearance of image by using the preset settings.

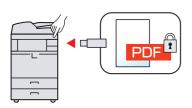
You can change the appearance of image by simple operation without making fine adjustment.



One-touch Image Adjust (page 6-28)

#### Strengthen security

# Password-protect a PDF file (PDF Encryption Functions)



Use the PDF format's password security options to restrict document viewing, printing and editing.



Encrypted PDF Password (page 6-572)

## Protect data on the hard disk (Encryption / Overwrite)



You can overwrite the unnecessary data that remains on the hard disk automatically.

To prevent an external leakage, the machine encrypts data before writing it to the hard disk.



Data Security (page 8-50)

### Prevent loss of finished documents (Private Print)



You can temporarily save a printer document in the machine. By printing the document from the machine prevents someone takes your document.



#### Strengthen security

# Log in by ID card (Card Authentication)



You can log in simply by touching an ID card. You don't need to enter your user name and password.



Card Authentication Kit(B) "Card Authentication Kit" (page 11-6)

# Strengthen security (for administrator use)



Various functions are available for administrators to strengthen security.



To Strengthen the Security (page 2-31)

#### Use functions more efficiently

# Expand functions as necessary (Application)



The functionality of the machine can be expanded by installing applications.

Applications that help you perform your daily more efficiently such as a scan feature and an authentication feature are available.



Application (page 5-11)

#### Use functions more efficiently

Display file size before sending / storing a job (File Size Confirmation)



You can check the file size before sending/storing the document.

If your server specifies an e-mail size limit, you can check the size in advance.



File Size Confirmation (page 6-71)

Install the machine without concerning the network cables (Wireless Network)



In an environment where the wireless LAN is used, you can install the machine without concerning the network cables.



Wireless Network (page 8-48)

# Use USB memory (USB Memory)



It is useful when you need to print document outside your office or you cannot print document from your PC.

You can print the document from the USB memory by plugging it directly into the machine.

Original scanned at the machine can be saved in the USB memory also.

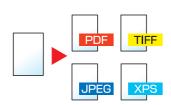


Printing Documents Stored in Removable USB Memory (page 5-69)

Saving Documents to USB Memory (Scan to USB) (page 5-71)

#### Use functions more efficiently

# Specify image file format (Scan Format)



You can select the various file formats when sending/storing images.



File Format (page 6-66)

# Skip the error job (Job Skip Functions)



When paper empty error occurs at the cassette by specifying the special paper size or type, the machine skips the error job and perform the next job.



Error Job Skip (page 8-55)

# Perform remote operation (Embedded Web Server RX)



You can access to the machine remotely to print, send or download data.

Administrators can configure the machine behavior or management settings.



Embedded Web Server RX (page ≥33)

# **Color and Image Quality Functions**

The machine is equipped with various color and image quality functions. You can adjust the scanned image as desired.

#### **Basic Color Modes**

The basic color modes are as follows. For details, refer to Color Selection (page 6-24).

Color mode	Description	Referen	ce image
Color mode	Color mode Description		After
Auto Color	Automatically recognizes whether a document being scanned or printed is color or black & white.		
Full Color	Scans or prints a document in full color.		
Grayscale	Scans a document in grayscale. Produces a smooth, detailed image.		
Black & White	Scans or prints a document in black & white.		
Single Color	Prints in any desired color.		

# **Adjusting Image Quality and Color**

To adjust the image quality or color of an image, use the following functions.

I want to	Sample image		Function	Page
i want to	Before	After	Function	raye
asily adjust the image quality to mate	ch your own image	1		
Adjust the skin color. Example: Create a tanned effect.	900		One Touch Image Adjust [Portrait Photo]	page 6-28
Adjust the blue landscape.  Example: Make the blue more vivid			One Touch Image Adjust [Landscape Photo (Blue)]	page 6-28
Adjust the green landscape.  Example: Change to yellow- green			One Touch Image Adjust [Landscape Photo (Green)]	page 6-28
Produce overall image vividly.			One Touch Image Adjust [Vivid]	page 6-28
			Program [Vivid Copy]	page 5-7
Remove dark background or bleed-through from the original such as a newspaper.	World News  • 3000.100 / 100 /	World News  ■ 16/05/15/09  • 16/05/15/09  • 16/05/15/09  • 16/05/15/09  • 16/05/15/09  • 16/05/05/09  • 16/05/05/09  • 16/05/05/09  • 16/05/05/05/05/05/05/05/05/05/05/05/05/05/	Program [Newspaper Copy]	page 5-6
Clearly reproduce fine lines, faint lines, broken lines, and other fine details in a CAD or other drawings.	95.3 ex 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	195.3 da 9 2 277.4	Program [Drawing Copy]	page 5-6
Clearly reproduce the text or colors of a highlighter.	long-life technology is ut and multifunctonal produ of the disposal of interch value is realized by utilizi	long-life technology is ut and multifunctonal produ of the disposal of interch value is realized by utilizi	Program [Highlighter Copy]	page 5-7

Locatile	Sample	e image	E continu	<b>D</b>
I want to	Before	After	- Function	Page
Adjust the color precisely.				
Adjust the density.	A <u> </u>	A <u></u>	Density	page 6-22
Adjust the color by strengthening blue or red tones.  Example: Strengthening red			Color Balance	page 6-26
Change the image by individually adjusting each of the six colors: red, blue, green, cyan, magenta, and yellow.  Example: Changing red tones close to yellow to yellow, and cyan tones close to blue to blue			Hue adjustment	page 6-27
Adjust the saturation.	****		Saturation	page 6-31
Adjust the image quality precisely				
Emphasize or blur the image outline. Example: Emphasize the image outlines			Sharpness	page 6-30
Darken or lighten the background (the area with no texts or images) of a document.  Example: Lightening the background	A ====================================	A ====================================	Background Density	page 6-30
Prevent bleed-through in 2-sided originals.	ABC	АВС	Prevent Bleed- through	page 6-31
Adjust the scanned image				
Decrease the file size and produce the characters clearly.	Сору	Сору	File format [High Comp. PDF]	page 6-66
Convert a paper document to PDF with searchable text.	Glossary Accessibility The machine is designed featuri visually impaired. Touch panel c	Glossary  Accessibility  The machine is designed feature visually impaired. Touch panel of	File format [PDF] or [High Comp. PDF] with [OCR]	page 6-66

### **Guides Provided with the Machine**

The following guides are provided with the machine. Refer to each guide as needed. The contents of the guides are subject to change without notice for the purpose of improvement of machine performance.

#### **Printed guides**

# Start using the machine quickly

#### Quick Guide

Explains how to use basic functions of the machine, how to use convenient features, how to perform routine maintenance, and what to do when problems occur.

#### Safety Guide

# For safe use of the machine

Provides safety and cautionary information for installation and use of the machine. Be sure to read this guide before using the machine.

#### Safety Guide (3005ci/3505ci/4505ci/5505ci)

Indicates the space required for machine installation, and describes the cautionary labels and other safety information. Be sure to read this guide before using the machine.

#### **Guides (PDF) on the DVD (Product Library)**

# Use the machine thoughtfully

#### **Operation Guide (This Guide)**

Explains how to load paper and perform copy, print and scan operations, and indicates default settings and other information.

#### Use the fax functions

#### **FAX Operation Guide**

Explains how to use the fax function.

#### Use the ID card

#### Card Authentication Kit (B) Operation Guide

Explains how to perform authentication using the ID card.

#### Strengthen security

#### Data Security Kit (E) Operation Guide

Explains how to introduce and use the Data Security kit (E), and how to initialize the system.

# Easily register machine information and configure settings

#### **Embedded Web Server RX User Guide**

Explains how to access the machine from a Web browser on your computer to check and change settings.

# Print data from a computer

#### Printing System Driver User Guide

Explains how to install the printer driver and use the printer function.

#### Directly print a PDF file

#### Network Tool for Direct Printing Operation Guide

Explains how to print PDF files without launching Adobe Acrobat or Reader.

# Monitor the machine and printers on the network

#### **NETWORK PRINT MONITOR User Guide**

Explains how to monitor your network printing system (the machine) with NETWORK PRINT MONITOR.

# Scan images and save with information

#### File Management Utility User Guide

 Explains how to use File Management Utility to set various parameters and send and save scanned documents.

Install the Adobe Reader (version 8.0 or later) to view the manuals on the DVD.

# **About the Operation Guide (this Guide)**

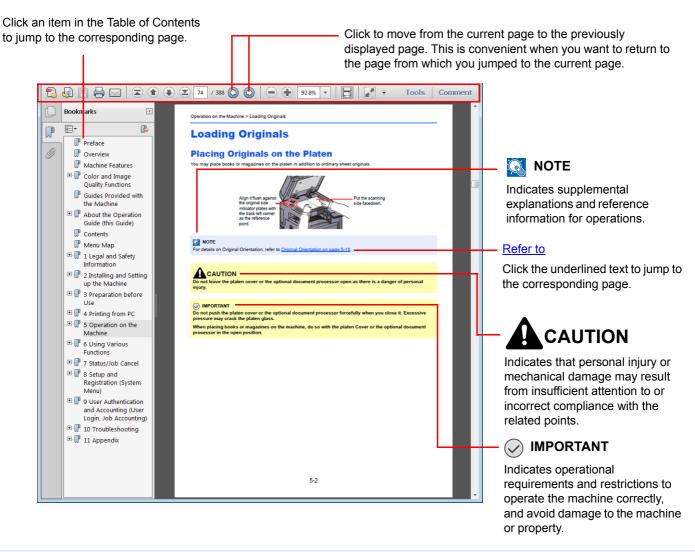
### Structure of the guide

The Operation Guide contains the following chapters.

Chapter		Contents
1	Legal and Safety Information	Provides precautions regarding use of the machine and trademark information.
2	Installing and Setting up the Machine	Explains part names, cable connections, installation of the software, login, logout, and other matters related to administration of the machine.
3	Preparation before Use	Explains preparations and settings that are required in order to use the machine, such as how to use the operation panel, load paper, log in and log out, and create an address book.
4	Printing from PC	Explains functions that are available when the machine is used as a printer.
5	Operation on the Machine	Explains the basic procedures for using the machine, such as placing originals, making copies, sending documents, and using user boxes.
6	Using Various Functions	Explains convenient functions that are available on the machine.
7	Status/Job Cancel	Explains how to check the status of a job and the job history, and how to cancel jobs being printed or waiting to print. Also explains how to check paper and toner levels, how to check the device status, and how to cancel fax transmission.
8	Setup and Registration (System Menu)	Explains System Menu and how it relates to the operation of the machine.
9	User Authentication and Accounting (User Login, Job Accounting)	Explains user login and job accounting.
10	Troubleshooting	Explains what to do when toner runs out, an error is displayed, or a paper jam or other problem occurs.
11	Appendix	Describes convenient options that are available for the machine. Provides information on media types and paper sizes, and gives a glossary of terms. Explains how to enter characters, and lists the specifications of the machine.

#### **Conventions Used in This Guide**

Adobe Reader X is used as an example in the explanations below.



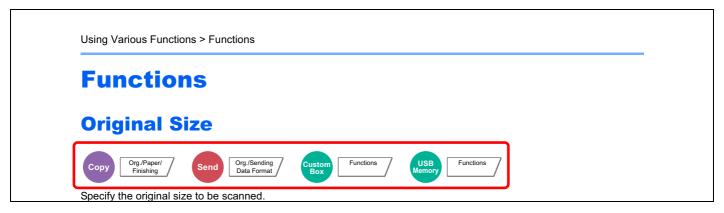


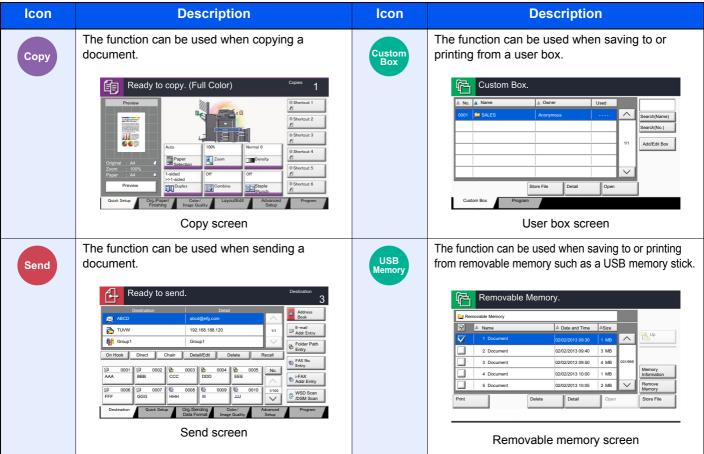
The items that appear in Adobe Reader vary depending on how it is used. If the Table of Contents or tools do not appear, refer to Adobe Reader Help.

Certain items are indicated in this guide by the conventions described below.

Convention	Description	Example
[Bold]	Indicates keys on the operation panel and buttons on your computer screen.	Press the [Start] key. Click the [OK] button.
[Regular]	Indicates keys on the touch panel.	Press [OK].
"Regular"	Indicates a message or setting displayed on the touch	"Ready to copy." appears.
	panel or computer screen.	You can select from the "Print size" menu.

On pages that explain a convenient function, the modes in which that function can be used are indicated by icons.





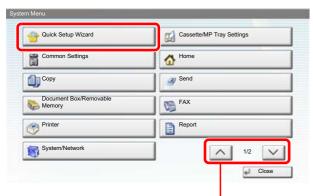
Icon	Description
Copy Org./Paper/ Finishing	Access to the function is indicated by icons.  Example: Press the [Org./Paper/Finishing] tab in the Copy screen to use the function.

#### Conventions used in procedures for operating the machine

In this Operation Guide, continuous operation of the keys on the touch panel is as follows:

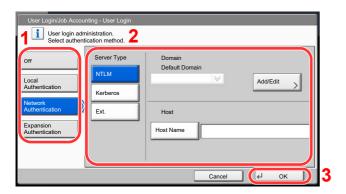
Actual procedure	Procedure indicated in this guide
Press the [System Menu] key ▼	Press the [System Menu] key, [Common Settings], [✓] (twice), and then [Next] in "Message Board Settings".
Press [Common Settings]  ▼	
Press [✓] twice ▼	
Press [Next] in "Message Board Settings"	

Touch panel keys that are pressed are outlined in red.



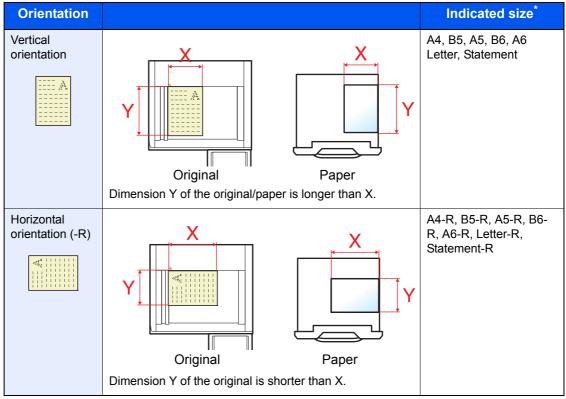
Press  $[ \land ]$  or  $[ \lor ]$  to scroll up and down.

Procedures consisting of a sequence of operation panel or touch panel operations are numbered as shown below.



#### **Originals and Paper Sizes**

Original sizes and paper sizes such as A4, B5, and Letter can be used in both the horizontal and vertical orientations. To distinguish the orientations when these sizes are used, "R" is added to sizes used in the horizontal orientation.



Original/paper sizes that can be used vary depending on the function and source tray. For details, refer to <a href="Specifications on page 11-23">Specifications on page 11-23</a>.

#### Icons on the touch panel

The following icons are used to indicate original and paper placement orientations on the touch panel.

Orientation	Original	Paper
Vertical orientation		
Horizontal direction		

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(The names displayed on the touch panel are used here. These may differ from the referenced titles.)





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# 1 Legal and Safety Information

Please read this information before using your machine. This chapter provides information on the following topics.

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## **Notice**

## **Safety Conventions in This Guide**

The sections of this guide and parts of the machine marked with symbols are safety warnings meant to protect the user, other individuals and surrounding objects, and ensure correct and safe usage of the machine. The symbols and their meanings are indicated below.



WARNING: Indicates that serious injury or even death may result from insufficient attention to or incorrect compliance with the related points.



**CAUTION**: Indicates that personal injury or mechanical damage may result from insufficient attention to or incorrect compliance with the related points.

#### **Symbols**

The  $\triangle$  symbol indicates that the related section includes safety warnings. Specific points of attention are indicated inside the symbol.



... [General warning]



✓ ... [Warning of high temperature]

The  $\bigcirc$  symbol indicates that the related section includes information on prohibited actions. Specifics of the prohibited action are indicated inside the symbol.



... [Warning of prohibited action]



... [Disassembly prohibited]

The ● symbol indicates that the related section includes information on actions which must be performed. Specifics of the required action are indicated inside the symbol.



... [Alert of required action]



... [Remove the power plug from the outlet]



... [Always connect the machine to an outlet with a ground connection]

Please contact your service representative to order a replacement if the safety warnings in this Operation Guide are illegible or if the guide itself is missing (fee required).



#### NOTE

An original which resembles a bank note closely may not be copied properly in some rare cases because this machine is equipped with a counterfeiting prevention function.

#### **Environment**

The service environmental conditions are as follows:

- Temperature: 50 to 90.5 °F (10 to 32.5 °C)
   (But humidity should be 70% or less when temperature is 90.5 °F (32.5 °C).)
- Humidity: 15 to 80%
   (But temperature should be 86 °F (30 °C) or less when humidity is 80%.)

Use coated paper at a temperature of 80.6 °F (27°C) or less and a humidity of 60% or less.

Adverse environmental conditions may affect the image quality. It is recommended to use the machine at a temperature: around 60.8 to 80.6 °F or less (16 to 27 °C), humidity: around 36 to 65%. In addition, avoid the following locations when selecting a site for the machine.

The machine automatically detects and displays the following message when the environmental temperature is too high or too low.

Message: "Warning for high temperature. Adjust the room temperature." or "Warning for low temperature. Adjust the room temperature."

To use the machine under optimum conditions, adjust the temperature and the humidity of your room if the message is displayed.

- Avoid locations near a window or with exposure to direct sunlight.
- · Avoid locations with vibrations.
- Avoid locations with drastic temperature fluctuations.
- Avoid locations with direct exposure to hot or cold air.
- Avoid poorly ventilated locations.

If the floor is delicate against casters, when this machine is moved after installation, the floor material may be damaged.

During copying, some ozone is released, but the amount does not cause any ill effect to one's health. If, however, the machine is used over a long period of time in a poorly ventilated room or when making an extremely large number of copies, the smell may become unpleasant. To maintain the appropriate environment for copy work, it is suggested that the room be properly ventilated.

#### **Precautions for Use**

#### Cautions when handling consumables



Do not attempt to incinerate parts which contain toner. Dangerous sparks may cause burns.

Keep parts which contain toner out of the reach of children.

If toner happens to spill from parts which contain toner, avoid inhalation and ingestion, as well as contact with your eyes and skin.

- If you do happen to inhale toner, move to a place with fresh air and gargle thoroughly with a large amount of water. If coughing develops, contact a physician.
- If you do happen to ingest toner, rinse your mouth with water and drink 1 or 2 cups of water to dilute the contents of your stomach. If necessary, contact a physician.
- If you do happen to get toner in your eyes, flush them thoroughly with water. If there is any remaining tenderness, contact a physician.
- If toner does happen to get on your skin, wash with soap and water.

Do not attempt to force open or destroy parts which contain toner.

#### Other precautions

Return the exhausted toner container and waste toner box to your dealer or service representative. The collected toner container and waste toner box will be recycled or disposed in accordance with the relevant regulations.

Store the machine while avoiding exposure to direct sunlight.

Store the machine in a place where the temperature stays below 40 °C while avoiding sharp changes of temperature and humidity.

If the machine will not be used for an extended period of time, remove the paper from the cassette and the Multi Purpose (MP) Tray, return it to its original package and reseal it.

## **Laser Safety (Europe)**

Laser radiation could be hazardous to the human body. For this reason, laser radiation emitted inside this machine is hermetically sealed within the protective housing and external cover. In the normal operation of the product by user, no radiation can leak from the machine.

This machine is classified as Class 1 laser product under IEC/EN 60825-1:2007.

Caution: Performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

These labels are attached to the laser scanner unit inside the machine and are not in a user access area.



ATTENZIONE - CLASSE 3B RADIAZIONE
LASER IN CASO DI APERTURA.

LASER IN CASO DI APERTURA.

LASERSTRAAL INDIEN GEOPEND. VERMIJD
LASERSTRAAL INDIEN GEOPEND. VERMIJD
LASER CHANDO SE ABRE.

WAARSCHUWING - KLASSE 3B
LASERSTRAAL INDIEN GEOPEND. VERMIJD
LASER CHANDO SE ABRE.

STRAAL

VERMINENTE - VERMINGEN DE V

Внимание. · Когда устройство открыто, присутствует лазерное излучение класса ЗВ. Избегайте прямого попадания лазерного луча.

警告・该产品为38楽激光产品, 打开盖子后会有激光辐射、清避免光束照射。 警告・該産品品38類激光産品, 打開蓋子後會有激光輻射、請避免光束照射。 위費・CLASS 3B 가시 레이저광선을 직접 サスID(4JA) 오

1月商士で後晋行成元年初,高度光元米照射。 **위험・**CLASS 3B 가시 레이저광선을 직접 보지마십시오. 警告・ここを開くとクラス3Bレーザー光がでます。 ビームを直接見たり、触れないでください。

The label shown below is attached on the right side of the machine.

**CLASS 1 LASER PRODUCT KLASSE 1 LASER PRODUKT** 

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- · Paper money
- · Bank note
- · Securities
- Stamp
- Passport
- · Certificate

Local laws and regulations may prohibit or restrict copying/scanning of other items not mentioned above.

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Maschinenlärminformations-Verordnung 3. GPSGV, 06.01.2004: Der höchste Schalldruckpegel beträgt 70 dB (A) oder weniger gemäß EN ISO 7779.

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## **Energy Saving Control Function**

The device comes equipped with a **Low Power Mode** where energy consumption is reduced after a certain amount of time elapses since the device was last used, as well as a **Sleep** where printer and fax functions remain in a waiting state but power consumption is still reduced to a minimum when there is no activity with the device within a set amount of time.

#### **Low Power Mode**

The device automatically enters Low Power Mode when 3 minutes or 5 minutes (for 5505ci) have passed since the device was last used. The amount of time of no activity that must pass before Low Power Mode is activated may be lengthened. For more information refer to <u>Low Power Mode and Auto Low Power Mode (page 3-14)</u>.

#### Sleep

The device automatically enters Sleep when 30 minutes (for 3005ci), 45 minutes (for 3505ci), or 60 minutes (for 4505ci or 5505ci) have passed since the device was last used. The amount of time of no activity that must pass before Sleep is activated may be lengthened. For more information see <u>Sleep and Auto Sleep (page 3-15)</u>.

## **Automatic 2-Sided Copy Function**

This device includes 2-sided copying as a standard function. For example, by copying two 1-sided originals onto a single sheet of paper as a 2-sided copy, it is possible to lower the amount of paper used. For more information refer to <a href="Duplex (page 6-44">Duplex (page 6-44)</a>).

Printing in duplex mode reduces paper consumption and contributes to the conservation of forest resources. Duplex mode also reduces the amount of paper that must be purchased, and thereby reduces cost. It is recommended that machines capable of duplex printing be set to use duplex mode by default.

## **Resource Saving - Paper**

For the preservation and sustainable use of forest resources, it is recommended that recycled as well as virgin paper certified under environmental stewardship initiatives or carrying recognised ecolabels, which meet EN 12281:2002\* or an equivalent quality standard, be used.

This machine also supports printing on 64 g/m<sup>2</sup> paper. Using such paper containing less raw materials can lead to further saving of forest resources.

\* : EN12281:2002 "Printing and business paper - Requirements for copy paper for dry toner imaging processes"

Your sales or service representative can provide information about recommended paper types.

## **Environmental benefits of "Power Management"**

To reduce power consumption when idle, this machine is equipped with a power management function that automatically activates energy-saving mode when the machine is idle for a certain period of time. Although it takes the machine a slight amount of time to return to READY mode when in energy-saving mode, a significant reduction in energy consumption is possible. It is recommended that the machine be used with the activation time for energy-saving mode set to the default setting.

## **Energy Star (ENERGY STAR®) Program**



We have determined as a participating company in the International Energy Star Program that this product is compliant with the standards laid out in the International Energy Star Program.

ENERGY STAR<sup>®</sup> is a voluntary energy efficiency program with the goal of developing and promoting the use of products with high energy efficiency in order to help prevent global warming. By purchasing ENERGY STAR<sup>®</sup> qualified products, customers can help reduce emissions of greenhouse gases during product use and cut energy-related costs.

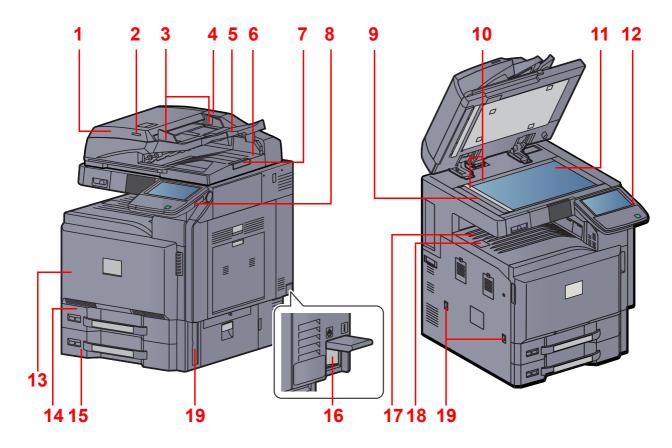
# 2 Installing and Setting up the Machine

This chapter provides information for the administrator of this machine, such as part names, cable connection, and software installation.

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## **Part Names**

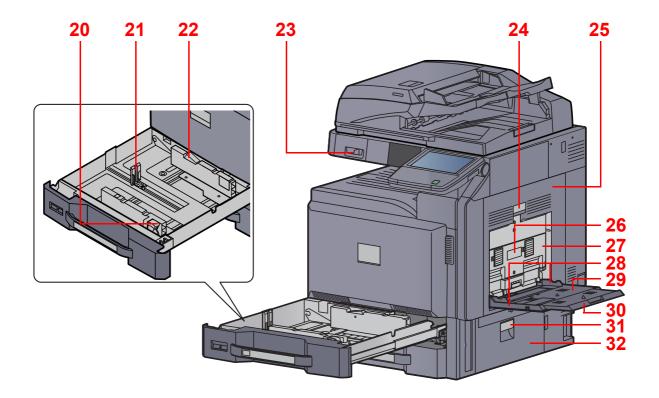
## **Machine Exterior**



- 1 Document Processor (Option)
- 2 Original Loaded Indicator
- 3 Original Width Guides
- 4 Cleaning Cloth Compartment
- 5 Original Table
- 6 Original eject table
- 7 Original stopper
- 8 USB Port (A1)
- 9 Slit Glass
- 10 Original Size Indicator Plates
- Q

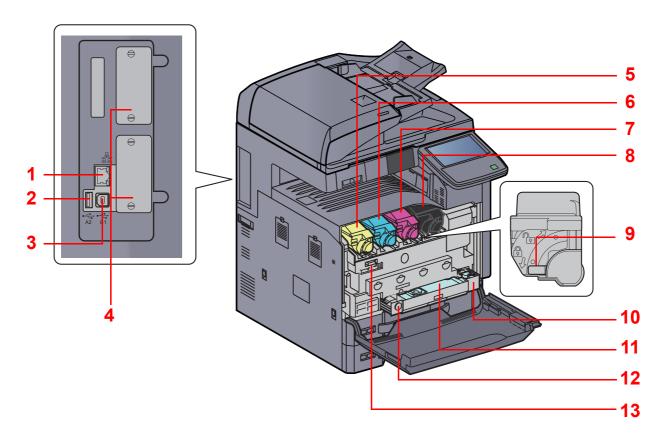
Optional Equipment (page 11-2)

- 11 Platen
- 12 Operation Panel
- 13 Front Cover
- 14 Cassette 1
- 15 Cassette 2
- 16 Main Power Switch
- 17 Inner Tray
- 18 Paper stopper
- 19 Handles



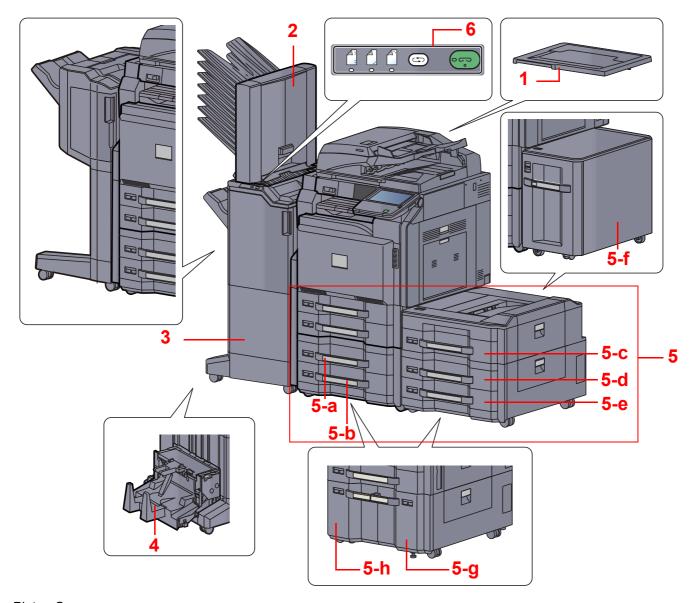
- 20 Paper Width Adjusting Tab
- 21 Paper Length Guide
- 22 (Paper Width Guide) Lock
- 23 Clip Holder
- 24 Right Cover 1 Lever
- 25 Right Cover 1
- 26 Right Cover 2 Lever
- 27 Right Cover 2
- 28 Paper Width Guide
- 29 Multi Purpose Tray
- 30 Support Tray Section of the Multi Purpose Tray
- 31 Right Cover 3 Lever
- 32 Right Cover 3

## **Connectors/Interior**



- 1 Network Interface Connector
- 2 USB Port (A2)
- 3 USB Interface Connector (B1)
- 4 Option Interface
- 5 Toner Container (Yellow)
- 6 Toner Container (Cyan)
- 7 Toner Container (Magenta)
- 8 Toner Container (Black)
- 9 Toner Container Release Lever
- 10 Waste Toner Tray
- 11 Waste Toner Box
- 12 Release Button
- 13 Cleaning Brush

## **With Optional Equipments Attached**



- 1 Platen Cover
- 2 Mailbox
- 3 Document Finisher
- 4 Folding Unit
- 5 Cassette 3 to 7
  - 5-a: Cassette 3 5-b: Cassette 4 5-c: Cassette 5 5-d: Cassette 6 5-e: Cassette 7
  - 5-f: Cassette 5 5-g: Cassette 3 or 6 5-h: Cassette 4 or 7
- Optional Equipment (page 11-2)
- 6 Control Section of the Finisher
- Manual Staple (page 5-74)

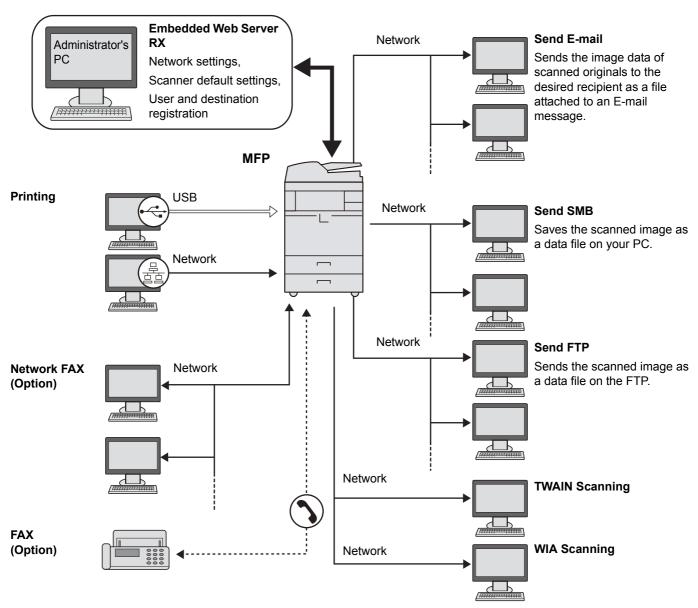
## **Determining the Connection Method and Preparing Cables**

Check the method to connect the equipment to a PC or network, and prepare the necessary cables for your environment.

## **Connection Example**

Determine the method to connect the equipment to a PC or network by referring to the illustration below.

Connecting a scanner to your PC network with a network cable (1000BASE-T, 100BASE-TX or 10BASE-T)



TWAIN and WIA are standardized interface for communication between software applications and image acquisition devices.



#### **NOTE**

If you are using the machine with the optional wireless interface kit attached, you do not need to connect the LAN cable.



Optional Network (page 8-47)

## **Preparing Necessary Cables**

Prepare the necessary cables according to the interface you use.

#### **Available Standard Interfaces**

Connection Environment	Function	Necessary Cable
Connect a LAN cable to the machine.	Printer/Scanner /Network FAX*	Network Interface LAN (10BASE-T or 100BASE-TX, 1000BASE-T Shielded)
Connect a USB cable to the machine.	Printer	USB2.0 compatible cable (Hi-Speed USB compliant, Max. 5.0 m, Shielded)

<sup>\*</sup> Function available when using optional fax kit. For more information on using the Network FAX, refer to the **FAX Operation Guide**.

# **Connecting Cables**

## **Connecting LAN Cable**



**◯** IMPORTANT

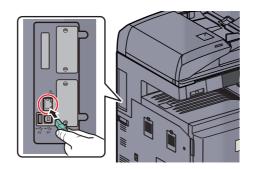
If the power is on, turn the main power switch off.



Power Off (page 2-11)

#### Connect the machine.

1 Connect the LAN cable to the network interface connector.



2 Connect the other end of the cable to the hub.

#### Set up the machine.

Power on the machine and configure the network.



For details, refer to Network Setup (LAN Cable Connection) on page 2-25.

## **Connecting USB Cable**



**◯** IMPORTANT

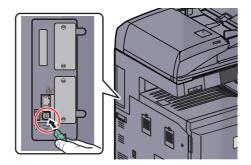
If the power is on, turn the main power switch off.



Power Off (page 2-11)

#### Connect the machine.

1 Connect the USB cable to the USB interface connector (B1) located on the left side of the body.



2 Connect the other end of the cable to the PC.

## **Connecting the Power Cable**

Connect one end of the supplied power cable to the machine and the other end to a power outlet.



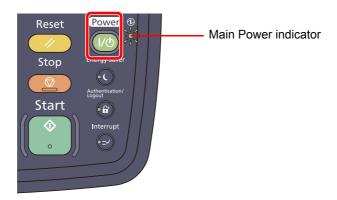
**IMPORTANT** 

Only use the power cable that comes with the machine.

## **Power On/Off**

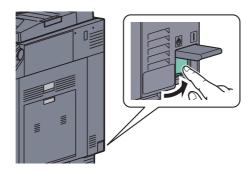
#### **Power On**

#### When the main power indicator is lit... (Recovery from sleep)



Press the [Power] key.

#### When the main power indicator is off...



Turn the main power switch on.



#### **IMPORTANT**

When turning off the main power switch, do not turn on the main power switch again immediately. Wait more than 5 seconds, and then turn on the main power switch.



#### **NOTE**

If the optional Data Security Kit is activated, a message might display indicating the security function is being activated and time may be taken to start up when the power is turned on.

### **Power Off**

#### When not turning off the main power switch... (sleep)



Press the [Power] key. The [Power] key light will go out, and the Main Power indicator will light up.

Low Power Mode and Auto Low Power Mode (page 3-14) Sleep and Auto Sleep (page 3-15)

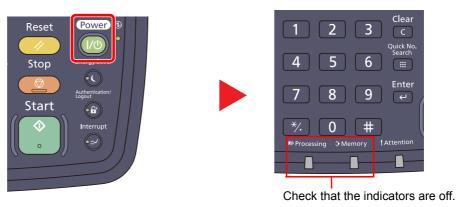
#### When turning off the main power switch...

Note that when the main power switch is turned off, the machine will be unable to automatically receive print data from computers or faxes.

#### **IMPORTANT**

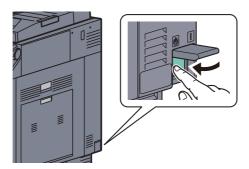
When the [Processing] indicator or [Memory] indicator is lit up or blinked, the machine is operating. Turning off the main power switch while the machine is operating may cause it to malfunction.

## Press the [Power] key.



Verify that the [Power] key light has gone out and that the Main Power indicator is lit up.

#### Turn the main power switch off.



In case of not using the machine for an extended period of time...



#### CAUTION

If this machine will be left unused for an extended period (e.g. overnight), turn it off at the main power switch. If the machine will not be used for an even longer period of time (e.g. vacation), remove the power plug from the outlet as a safety precaution. If the optional Fax kit is installed, note that turning the machine off at the main power switch disables fax transmission and reception.

#### *⊘* IMPORTANT

Remove paper from the cassettes and seal it in the paper storage bag to protect it from humidity.

# **Installing Software**

Install appropriate software on your PC from the included DVD (Product Library) if you want to use the printer function of this machine or perform TWAIN / WIA transmission or Network FAX transmission from your PC.

## **Software on DVD (Windows)**

You can use either [Express Install] or [Custom Install] can be selected for the installation method. The software that can be installed and the printer port selection method vary depending on which method is selected.

Software Function		Description	Installation method  ●: Standard installation  ○: Allows selection of the components to be installed	
			Express Install	Custom Install
Printing System Driver	Print	This driver enables files on a computer to be printed by the machine. Multiple page description languages (PCL XL, KPDL, etc.) are supported by a single driver. This printer driver allows you to take full advantage of the features of the machine.  Use this driver to print PDF files.	•	0
Printing System (XPS) Driver	-	This printer driver supports the XPS (XML Paper Specification) format developed by Microsoft Corporation.	-	0
KPDL mini-driver/ PCL mini-driver		This is a Microsoft MiniDriver that supports PCL and KPDL. There are some restrictions on the machine features and option features that can be used with this driver.	-	0
TWAIN Driver	Scan	This driver enables scanning on the machine using a TWAIN-compliant software application.  The machine has two types of TWAIN drivers: one for scanning a document placed in the machine, and one for reading document data stored in a user box.	•	0
WIA Driver		WIA (Windows Imaging Acquisition) is a function of Windows that enables reciprocal communication between an imaging device such as a scanner and an image processing software application. An image can be acquired using a WIA-compliant software application, which is convenient when a TWAIN-compliant software application is not installed in the computer.	-	0
FAX Driver	FAX	This makes it possible to send a document created in a computer software application as a fax via the machine.	-	0
File Management Utility	Utility	This makes it possible to send and save a scanned document to a specified network folder.	-	0
Network Tool for Direct Printing		This makes it possible to print a PDF file without starting Adobe Acrobat/Reader.	-	0
NETWORK PRINT MONITOR		This is a utility that enables monitoring of the machine on the network.	-	0
FONTS	-	These are display fonts that enable the machine's built-in fonts to be used in a software application.	•	0

#### NOTE

Installation on Windows must be done by a user logged on with administrator privileges.

When connected by USB cable, Plug and Play is disabled on this device when in Sleep mode. To continue the installation, press the [Power] key to wake the device from Low Power Mode or Sleep before continuing.

The optional Fax Kit is required in order to make use of fax functionality.

WIA driver and Printing System (XPS) DRIVER cannot be installed on Windows XP.

## **Installing Printer Driver in Windows**

The following procedure is an example for installing the software in Windows 7 using [Express Install].

You can use either [Express Install] or [Custom Install] can be selected for the installation method. [Express Install] automatically detects connected machines and installs the required software. Use [Custom Install] if you want to specify the printer port and select the software to be installed. For details, refer to Custom Installation in the **Printing** System Driver User Guide on the DVD.

#### Insert the DVD.



#### **NOTE**

Installation on Windows must be done by a user logged on with administrator privileges.

If the "Welcome to the Found New Hardware Wizard" dialog box displays, select [Cancel].

If the autorun screen is displayed, click [Run Setup.exe].

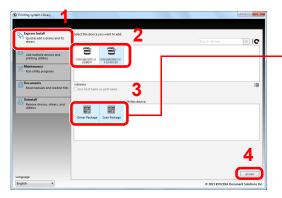
If the user account management window appears, click [Yes] ([Allow]).

## Display the screen.



Click [View License Agreement] and read the License Agreement.

### Install using [Express Install].



Packages include the following software:

- · Driver Package Printing System Driver, Fonts
- · Scan Package TWAIN Driver

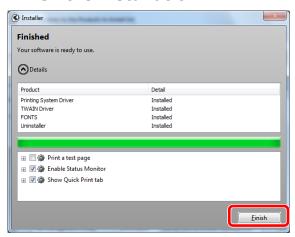
You can also select [Use host name for port name] and set to use the host name of the standard TCP/IP port. (A USB connection cannot be used.)



The machine cannot be detected unless it is on. If the computer fails to detect the machine, verify that it is connected to the computer via a network or USB cable and that it is turned on and click C (Reload).

If the Windows security window appears, click [Install this driver software anyway].

#### Finish the installation.





#### **NOTE**

When you have selected [Device settings] in Windows XP, the dialog box for device setting will appear after [Finish] is clicked. Configure the settings for options installed on the machine. Device settings can be configured after the installation is completed. For details, refer to the Device Settings in the Printing System Driver User Guide on the DVD.

If a system restart message appears, restart the computer by following the screen prompts. This completes the printer driver installation procedure.

The TWAIN driver can be installed if the machine and computer are connected via a network. If you are installing the TWAIN driver, continue by configuring the Setting TWAIN Driver (page <u>2-19)</u>.

# **Uninstalling the Software**

Perform the following procedure to delete the Software from your computer.

NOTE

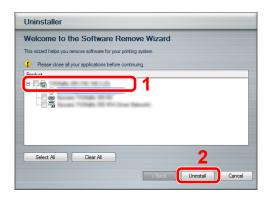
Uninstallation on Windows must be done by a user logged on with administrator privileges.

#### Display the screen.

Click [Start] button on the Windows and then select [All Programs], [(name of offer company), [(name of product)], and [Uninstall Printing System Library] to display the Uninstall Wizard.

#### Uninstall the software.

Place a check in the check box of the software to be deleted.



### Finish uninstalling.

If a system restart message appears, restart the computer by following the screen prompts. This completes the software uninstallation procedure.



#### NOTE

The software can also be uninstalled using the Product Library.

In the Product Library installation screen, click [Uninstall], and follow the on-screen instructions to uninstall the software.

### **Installing Printer Driver in Macintosh**

The machine's printer functionality can be used by a Macintosh computer.



Installation on MAC OS must be done by a user logged on with administrator privileges.

When printing from a Macintosh computer, set the machine's emulation to [KPDL] or [KPDL(Auto)].

For details, refer to Printer on page 8-35.

If connecting by Bonjour, enable Bonjour in the machine's network settings.

For details, refer to Bonjour Settings on page 2-27.

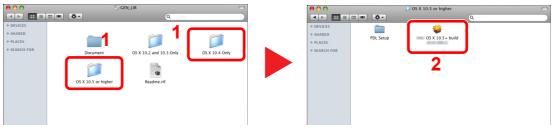
In the Authenticate screen, enter the name and password used to log in to the operating system.

#### Insert the DVD.



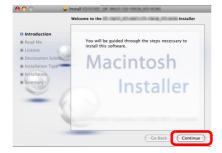
Double-click the [GEN\_LIB] icon.

### Display the screen.



Double-click [(Brand Name) OS X vx.x] depending on your Mac OS version.

### 3 Install the Printer Driver.



Install the printer driver as directed by the instructions in the installation software.

This completes the printer driver installation.

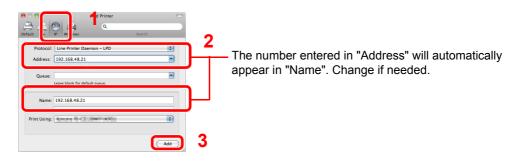
If a USB connection is used, the machine is automatically recognized and connected. If an IP connection is used, the settings below are required.

### Configure the printer.

1 Display the window.



2 Click the IP icon for an IP connection and then enter the IP address and printer name.



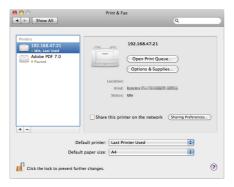
### NOTE

When using a Bonjour connection, select [**Default**] and click the item that appears in "Printer Name". The driver with the same name as the machine automatically appears in "Driver".

3 Select the options available for the machine and click Continue.



4 The selected machine is added.



### **Setting TWAIN Driver**

Register this machine to the TWAIN Driver. Instructions are based on interface elements as they appear in Windows 7.

#### Display the screen.

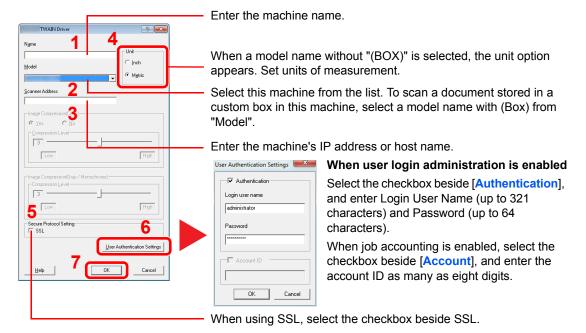
1 Select [Start] button on the Windows, [All Programs], [(Brand Name)] and then [TWAIN Driver Setting]. TWAIN Driver screen appears.

In Windows 8, select [Search] in charms, [Apps], and then [TWAIN Driver Setting].

2 Click [Add].



### Configure TWAIN Driver.



NOTE

When the machine's IP address is unknown, contact Administrator.

### 3 Finish registering.



NOTE

Click [Delete] to delete the added machine. Click [Edit] to change names.

### **Setting WIA Driver**

Register this machine to the WIA Driver. Instructions are based on interface elements as they appear in Windows 7.

### Display the screen.

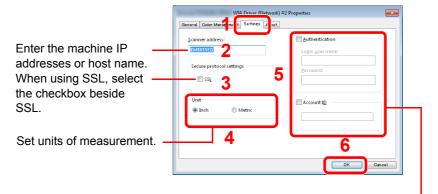
1 Click [Start] button on the Windows and enter [Scanner] in [Program and File Search]. Click [View scanners and cameras] in the search list then the Scanners and Cameras screen appears.

In Windows 8, click [Search] in charms, and then [Settings], and enter "Scanner" in the search box. Click [View scanners and cameras] in the search list then the Scanners and Cameras screen appears.

2 Select the same name as this machine from WIA Drivers, and press [Properties].



### Configure WIA Driver.



When user login administration is enabled

Select the checkbox beside [Authentication], and enter Login User Name (up to 321 characters) and Password (up to 64 characters). When job accounting is enabled, select the checkbox beside [Account], and enter the account ID as many as eight digits.

# Login/Logout

If you are setting a function that requires administrator rights, or if user login administration is enabled, you must enter your login user name and login password.



#### **NOTE**

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

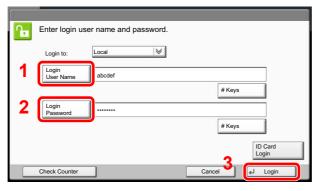
You will be unable to login if you forget your login user name or login password. In this event, login with administrator privileges and change your login user name or login password.

• If the guest authentication setting is enabled, the [Authentication/Logout] key must be pressed when logging in. For details, refer to the Guest Authorization Set. on page 9-18.

### Login

#### **Normal login**

Enter the login user name and login password to login.





Character Entry Method (page 11-11)

If this screen is displayed during operations, press [Login User Name] to enter the login user

Alternatively, you can login by pressing [Login Password] and entering the login password.



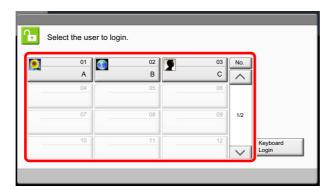
#### **NOTE**

[# Keys] can be pressed to enter the number with the numeric keys on the operation panel.

If [Network Authentication] is selected as the user authentication method, either [Local] or [Network] can be selected as the authentication destination.

To authenticate by ID card, press [ID Card Login].

#### Simple Login



If this screen is displayed during operations, select a user and log in.



#### NOTE

If a login password is required, an input screen will be displayed.



Simple Login (page 9-23)

## Logout



To logout from the machine, press the [Authentication/Logout] key to return to the login user name/login password entry screen.

Users are automatically logged out in the following circumstances:

- When the machine is put to Sleep by pressing the [Power] key.
- When the Auto Sleep function is activated.
- When the auto panel reset function is activated.
- When Auto Low Power Mode is activated.
- When the machine is placed in Low Power Mode by pressing the [Energy Saver] key.

# **Default Settings of the Machine**

The default settings of the machine can be changed in System Menu. Before using this machine, configure such settings as date and time, network configuration, and energy saving functions as needed.



#### **NOTE**

For settings that are configurable from System Menu, refer to Setup and Registration (System Menu) (page 8-1).

### **Setting Date and Time**

Follow the steps below to set the local date and time at the place of installation.

When you send an E-mail using the transmission function, the date and time as set here will be printed in the header of the E-mail message. Set the date, time and time difference from GMT of the region where the machine is used.



#### NOTE

If user login administration is enabled, you can only change the settings by logging in with administrator privileges. If user login administration is disabled, the user authentication screen appears. Enter a login user name and password, and press [Login].

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

Be sure to set the time difference before setting the date and time.

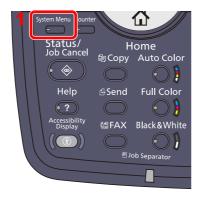
If you change the date/time while using the trial version of an application, you will no longer be able to use the application.



Application (page 5-11) Optional Applications (page 11-9)

### Display the screen.

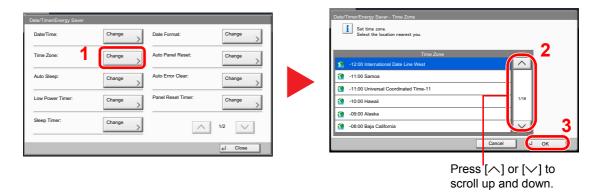
Press the [System Menu] key and select [Date/Timer/Energy Saver].



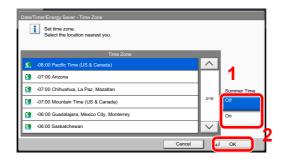


### Configure the settings.

1 Set the time zone.



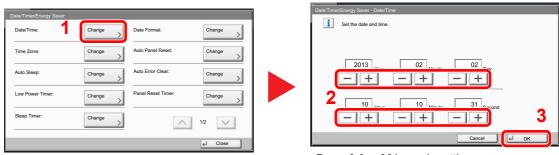
2 Set the summer time.



### NOTE

If you select a region that does not utilize summer time, the summer time setting screen will not appear.

3 Set the date and time.



Press [+] or [-] in each setting.

### **Network Setup (LAN Cable Connection)**

The machine is equipped with network interface, which is compatible with network protocols such as TCP/IP (IPv4), TCP/IP (IPv6), IPX/SPX, NetBEUI, and IPSec. It enables network printing on the Windows, Macintosh, UNIX, NetWare and other platforms.

This section explains the procedure of IPv4 and Bonjour settings for TCP/IP settings. For other network settings, refer to the Network on page 8-43.



#### ■ NOTE

If user login administration is enabled, you can only change the settings by logging in with administrator privileges. If user login administration is disabled, the user authentication screen appears. Enter a login user name and password, and press [Login].

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

#### **TCP/IP Settings**

#### **IPv4** setting

Set up TCP/IP (IPv4) to connect to the Windows network. The default settings are "TCP/IP Protocol: On, DHCP: On, Auto-IP: On".



#### NOTE

- Ask your network administrator for the IP address in advance, and have it ready when you configure this setting. In the following cases, set the IP address of DNS server on the Embedded Web Server RX.
  - · When using the host name with "DHCP" setting set to "Off"
  - When using the DSN server with IP address that is not assigned by DHCP automatically.

Refer to the Embedded Web Server RX User Guide.

### Display the screen.

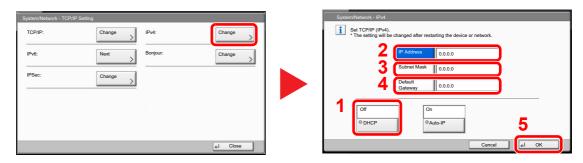
1 Press the [System Menu] key and select [System/Network].



2 Select "Network" and then "TCP/IP Setting".



### Configure the settings.



#### When using DHCP server

[DHCP]: Set to [On].

#### When setting the static IP address

[DHCP]: Set to [Off].

[IP Address]: Enter the address.

[Subnet Mask]: Enter the address.

[Default Gateway]: Enter the address.



#### **IMPORTANT**

After changing the setting, restart the network from System Menu, or turn the machine OFF and then ON.



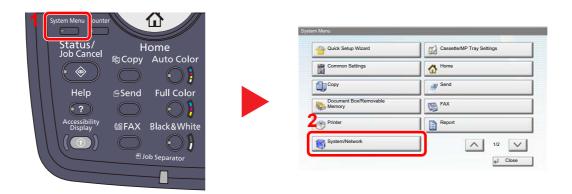
Restart Network (page 8-46)

#### **Bonjour Settings**

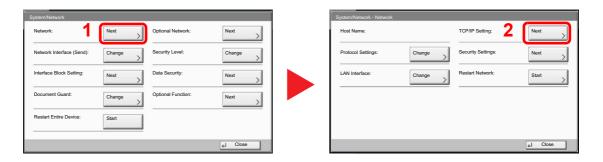
Configure the settings for Bonjour.

#### Display the screen.

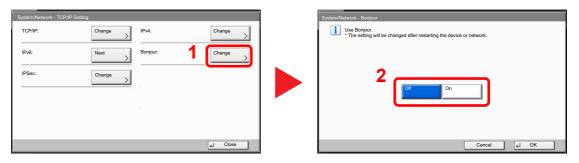
1 Press the [System Menu] key and select [System/Network].

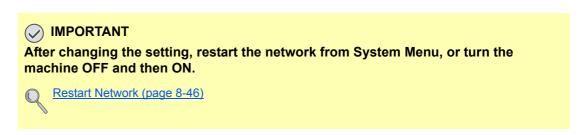


2 Select "Network" and then "TCP/IP Setting".



### Configure the settings.





# **Quick Setup Wizard**

For Energy Saver and FAX functions, the following settings can be configured in a wizard-style screen.

Energy Saver Setup	Configures sleep mode and low-power mode.	
	1. Sleep Mode	For Europe
		Sleep Timer
		Sleep Rules
		Except for Europe
		Sleep Timer
		Sleep Level
	2. Auto Low Power Mode	Low Power Timer
	3. Recovery Mode	Energy Saver Recovery Level
	4. Weekly Timer Settings	Weekly Timer Settings
		Schedule
		Retry Times
		Retry Interval
FAX Setup	Configures basic fax settings.	
	This function is displayed when th	e optional fax is installed.
	Refer to the FAX Operation Guid	e.

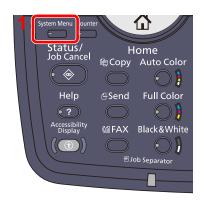
### **NOTE**

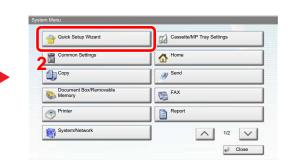
If the user authentication screen appears, enter your login user name and login password and press [Login].

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

### Display the screen.

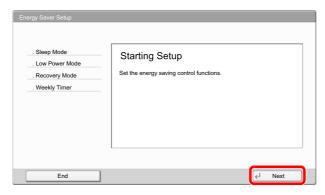




### Select a function.



### Configure the settings.



Start the wizard. Follow the instructions on the screen to configure settings.

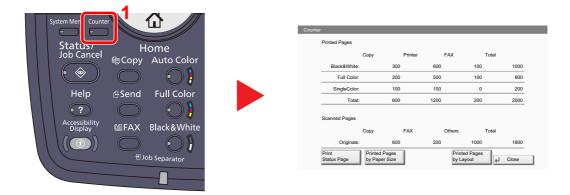
### **NOTE**

If you experience difficulty configuring the settings, refer to <u>Help Screen on page 3-12</u>.

Control	Description
End	Exits the wizard. Settings configured so far are applied.
Previous	Returns to the previous item.
Skip	Advances to the next item without setting the current item.
Next	Advances to the next screen.
Back	Returns to the previous screen.
Complete	Register the settings and exit the wizard.

# **Checking the Counter**

Press the [Counter] key to check the number of sheets printed and scanned.



You can check the number of pages printed in each paper size by pressing [Printed Pages by Paper Size].

# **Additional Preparations for the Administrator**

In addition to the information provided in this chapter, the administrator of this machine should check the following, and configure the settings as needed.

### To Send Documents to a PC

To send a document that has been loaded, you need to create a folder to receive the document on your computer.

For details, refer to Preparation for Sending a Document to a PC on page 3-35.

### **To E-mail Scanned Images**

When sending documents by E-mail or to FTP, it may be useful to store the destinations in the Address Book. For each registration method, refer to Registering Destinations in the Address Book on page 3-45.

### **To Strengthen the Security**

This machine is shipped with two default users registered ó one with Machine Administrator rights, and another with Administrator rights. Logging in as this user will allow you to configure all settings; therefore, please change the login user name and password.

In addition, this machine is equipped with user authentication function, which can be configured to limit the access to this machine to only those who have a registered login name and password. For each setting procedure, refer to <u>User Authentication and Accounting (User Login, Job Accounting) (page 9-1)</u>.

I want to	Function	Reference page
Restrict the users of the machine.	User Login	page 9-2
	Authentication Security	page 9-6
	Auto Panel Reset	page 8-54
	ID Card Settings*1	page 9-26
Restrict the basic functions that can be used.	Local Authorization	page 9-15
	Group Authorization Set.	page 9-15
	Guest Authorization Set.	page 9-18
Prevent another user from handling the documents stored in the machine.	Custom Box	page 5-54
Output the document sent to the machine at the time when the machine is operated.	Remote Printing	page 8-27
Prevent the data stored in the machine from	Data Wipe*2	Refer to the <b>Data</b>
being leaked.	Encryption* <sup>2</sup>	Security Kit (E) Operation Guide.
	PDF Encryption Functions	page 6-68
	Document Guard*3	page 8-51
Completely delete the data on the hard disk before disposing of the machine.	Data Sanitization	page 8-50
Record the operation history of users.	Login History Settings	page 8-40
	Device Log History Settings	page 8-41
	Secure Comm. Error Log	page 8-42

I want to	Function	Reference page
Protect the transmission from interception and	IPP over SSL	page 8-45
wiretapping.	HTTPS	page 8-46
	LDAP Security	Refer to the Embedded Web Server RX User Guide.
	SMTP Security	Refer to the Embedded Web Server RX User Guide.
	POP3 Security	Refer to the Embedded Web Server RX User Guide.
	FTP Encrypted TX	page 6-71
	Enhanced WSD (SSL)	page 8-46
	IPSec	page 8-44
	SNMPv3	page 8-46
Verify the software in the machine.	Software Verification	page 8-50

<sup>\*1</sup> The optional Card Authentication Kit is required.

<sup>\*2</sup> The optional Data Security Kit is required.

<sup>\*3</sup> The optional Printed Document Guard Kit is required.

### **Embedded Web Server RX**

If the machine is connected to the network, you can configure various settings using Embedded Web Server RX. The settings that are configurable with Embedded Web Server RX are as follows.

Some configurable settings are restricted according to the access rights of the logged-in user.

Setting	Description	Administ- rator	User
Device Information	The machine's structure can be checked.  [Configuration], [Counter], [About Embedded Web Server RX]	0	0
Job Status	Displays all device information, including print and scan jobs, storing jobs, scheduled jobs, and job log history.  [Printing Jobs Status], [Printing Job Log], [Sending Job Status], [Scheduled Jobs], [Sending Job Log], [Storing Job Status], [Storing Job Log]	O	0
Document Box	Add or delete document boxes, or delete documents within a document box.  [Custom Box], [FAX Box]*, [Polling Box]*, [Job Box Settings]	О	0
Address Book	Create, edit, or delete addresses and address groups. [Machine Address Book], [External Address Book Settings], [One Touch Key]	O	O
Device Settings	Configure the advanced settings of the machine. [Paper/Feed/Output], [Original Settings], [Energy Saver/Timer], [Date/Time], [System]	О	-
Function Settings	Configure the advanced function settings.  [Common/Job Defaults], [Copy], [Printer], [E-mail], [Scan to Folder],  [DSM Scan], [FAX / i-FAX]*, [Send and Forward]*, [RX/Forward Rules],  [Operation Panel]	O	-
Network Settings	Configure the network advanced settings. [General], [TCP/IP], [Protocol]	О	-
Security Settings	Configure the security advanced settings.  [Device Security], [Send Security], [Network Security], [Certificates]	0	-
Management Settings	Configure the advanced management settings. [Job Accounting], [Authentication], [ID Card], [Notification/Report], [History Settings], [SNMP], [System Stamp], [Message Board], [Reset]	О	-

Displayed only when the optional fax kit is installed.

This section explains how to access Embedded Web Server RX and change security settings and host name. For details on Embedded Web Server RX, refer to the Embedded Web Server RX User Guide.



#### **◯** NOTE

The optional Fax Kit is required in order to make use of fax functionality.

Here, information on the FAX settings has been omitted. For more information on using the FAX, refer to the FAX Operation Guide.

To fully access the features of the Embedded Web Server RX pages, enter the User Name and Password and click Login. Entering the predefined administrator password allows the user to access all pages, including Document Box, Address Book, and Settings on the navigation menu. The factory default setting for the default user with administrator privileges is shown below.

Login User Name	Admin
Login Password	Admin

<sup>\*</sup> Upper case and lower case letters are distinguished (case sensitive).

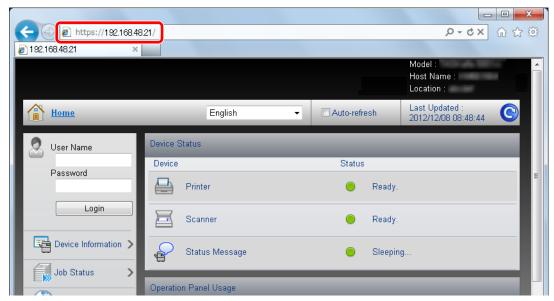
### **Accessing Embedded Web Server RX**

#### Display the screen.

- 1 Launch your Web browser.
- 2 In the address or location bar, enter the machine's IP address or the host name.

Examples: https://192.168.48.21/ (for IP address)

https://MFP001 (if the host name is "MFP001")



The web page displays basic information about the machine and Embedded Web Server RX as well as their current status.

#### NOTE

When connecting to Embedded Web Server RX, a message may appear that reads "There is a problem with the security certificate of this website". To prevent this message appearing, install the device certificates of the machine to the Web browser. For details, refer to **Embedded Web Server RX User Guide**.

### Configure the function.

Select a category from the navigation bar on the left of the screen. When you log in to the machine as an administrator, you will see [Device Settings], [Function Settings], [Network Settings], [Security Settings], and [Management Settings].

### **Changing Security Settings**

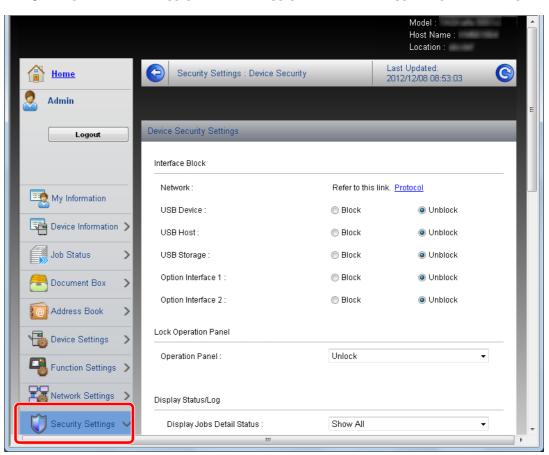
This section explains how to change the security settings.

### Display the screen.

Access Embedded Web Server RX by referring to <u>Accessing Embedded Web Server RX on page 2-34</u>.

### Configure the Security Settings.

From the [Security Settings] menu, select the setting you want to configure. The configurable settings are [Device Security], [Send Security], [Network Security], and [Certificates].



#### **NOTE**

The configurable settings within [Device Security], [Send Security], and [Network Security] can also be configured from the machine's System Menu. For details, see Setup and Registration (System Menu) (page 8-1).

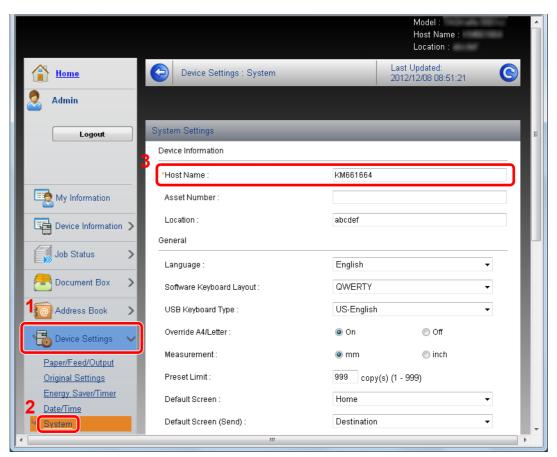
For details on settings related to certificates, refer to the **Embedded Web Server RX User Guide**.

### **Changing Host Name**

Change the host name of the machine.

#### Display the screen.

- 1 Access Embedded Web Server RX by referring to <u>Accessing Embedded Web Server RX on page 2-34</u>.
- 2 From the [Device Settings] menu, press [System].



### Specify the host name.

Under "Device Settings", enter the host name in "Host Name", and then click [Submit].

### *⊘* IMPORTANT

After changing the setting, restart the network or turn the machine OFF and then ON.

To restart the network interface card, click [Reset] in the [Management Settings] menu, and then click [Restart Network] in "Restart".

### **Sending E-mail**

By configuring the SMTP settings, you can send E-mail notifications on completed jobs.

To use this function, this machine must be connected to a mail server using the SMTP protocol.

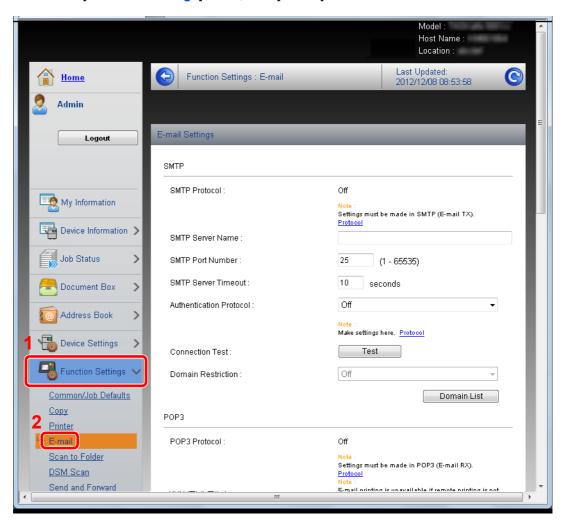
In addition, check the following.

- The network environment used to connect this machine to the mail server A full-time connection via a LAN is recommended.
- SMTP settings
   Use Embedded Web Server RX to register the IP address or host name of the SMTP server.
- If limits have been set on the size of E-mail messages, it may not be possible to send very large E-mails.

The procedure for specifying the SMTP settings is explained below.

#### Display the screen.

- 1 Access Embedded Web Server RX by referring to <u>Accessing Embedded Web Server RX on</u> page 2-34.
- 2 From the [Function Settings] menu, click [E-mail].



### **2** Configure the settings.

Enter the appropriate values to each field.

:	Setting	Description
SMTP		Set to send e-mail from the machine.
	SMTP Protocol	Set SMTP protocol. Set the "SMTP (E-mail TX)" setting to [On] on the [Protocol Settings] page.
	SMTP Server Name	Enter the host name or IP address of the SMTP server.
	SMTP Port Number	Specify the port number to be used for SMTP. Use the SMTP default port 25.
	SMTP Server Timeout	Set the amount of time to wait before time-out in seconds.
	Authentication Protocol	Set whether SMTP authentication is used. To use authentication, enter the user information for authentication.
	SMTP Security	Set SMTP security.
		Turn on "SMTP Security" in "SMTP (E-mail TX)" on the [Protocol Settings] page.
	POP before SMTP Timeout	Specify the time in seconds until the connection to the POP server times outs. This can be set when [POP before SMTP] is selected in "Authentication Protocol".
	Connection Test	Tests to confirm that the settings are correct.
	Domain Restriction	Set whether or not domains are restricted. Click the [Domain List] and enter the domain names of addresses to be allowed or rejected. Restriction can also be specified by e-mail address.
POP3		Set to receive e-mail at the machine.
	POP3 Protocol	Set POP3 protocol. Set the "POP3 (E-mail RX)" setting to [On] on the [Protocol Settings] page.
	Check Interval	Specify the interval for checking for incoming e-mail in minutes.
	Run once now	Click [Receive] to connect to the POP3 server immediately and check for incoming E-mails.
	Domain Restriction	Set whether or not domains are restricted. Click the [Domain List] and enter the domain names of addresses to be allowed or rejected. Restriction can also be specified by e-mail address.
	POP3 User Settings	Configure the settings for POP3 user accounts and the POP3 server. You can configure up to three users.

	Setting	Description
Send Settings	E-mail Size Limit	Enter the maximum size of E-mail that can be sent in kilobytes. When E-mail size is greater than this value, an error message appears and E-mail sending is cancelled. Use this setting if you have set E-mail Size Limit for SMTP server. If not, enter a value of 0 (zero) to enable E-mail sending regardless of the size limit.
	Sender Address	Enter the E-mail address of the person responsible for the machine, such as the machine administrator, so that a reply or non-delivery report will go to a person rather than to the machine. The sender address must be entered correctly for SMTP authentication. The maximum length of the sender address is 128 characters.
	Signature	Enter the signature. The signature is free form text that will appear at the end of the E-mail body. It is often used for further identification of the machine. The maximum length of the signature is 512 characters.
	Function Defaults	Change the function default settings in [Common/Job Default Settings] page.

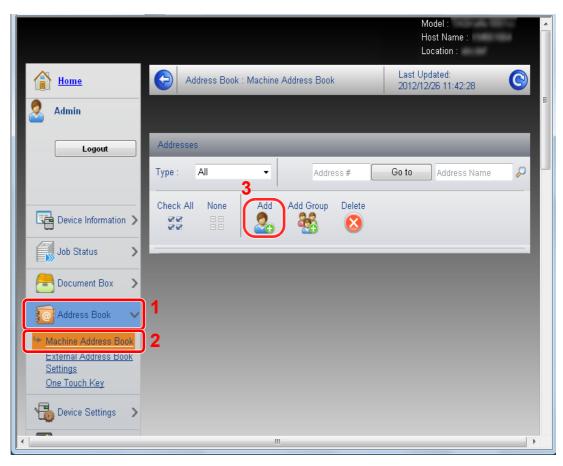
### 3 Click [Submit].

### **Registering Destinations**

You can register destinations to the machine's Address Book, from Embedded Web Server RX.

### Display the screen.

- 1 Access Embedded Web Server RX by referring to <u>Accessing Embedded Web Server RX on page 2-34</u>.
- 2 From the [Address Book] menu, click [Machine Address Book].



3 Click [Add].

### Populate the fields.

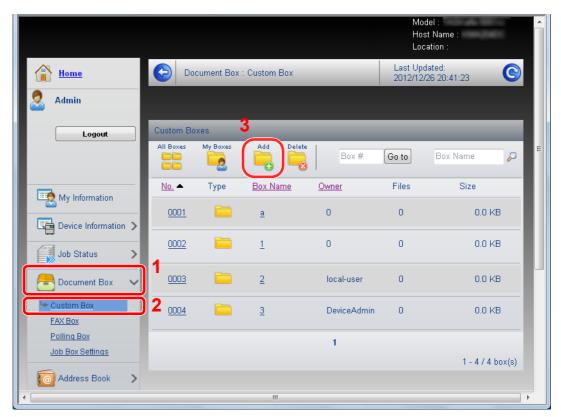
- 1 Enter the destination information.
  - Enter the information for the destination you want to register. The fields to populate are the same as when registering on the machine.
- Registering Destinations in the Address Book (page 3-45)
- 2 Click [Submit].

# **Registering a Custom Box**

You can register a custom box from Embedded Web Server RX.

#### Display the screen.

- 1 Access Embedded Web Server RX by referring to <u>Accessing Embedded Web Server RX on page 2-34</u>.
- 2 From the [Document Box] menu, click [Custom Box].



3 Click [Add].

### Configure the Custom Box.

1 Enter the box details.

Enter the information for the custom box you want to register. The fields to populate are the same as when registering on the machine.

- Creating a New Custom Box (Add/Edit Box) (page 5-54)
- 2 Click [Submit].

# **Transferring data from our other products**

By using the machine's utility, you can smoothly migrate address books when the machine is to be replaced.

This section explains how to transfer data between our products.

### **Migrating the Address Book**

The Address Book registered on the machine can be backed up or migrated using the NETWORK PRINT MONITOR on the included DVD.

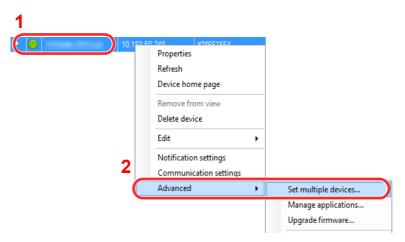
For details on operating the NETWORK PRINT MONITOR, refer to the **NETWORK PRINT MONITOR User Guide**.

#### Backing Up Address Book Data to PC

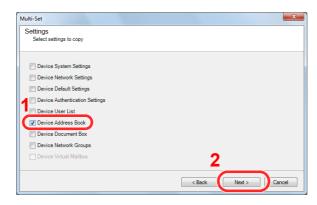
#### Launch the NETWORK PRINT MONITOR.

### Create a backup.

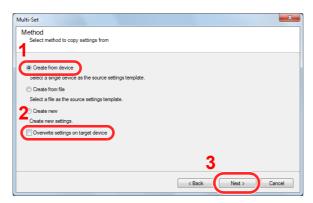
1 Right-click on the model name from which you want to back up the Address Book, and select [Advanced] - [Set multiple devices].



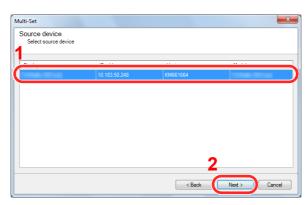
- 2 Click [Next].
- 3 Select [Device Address Book] and click [Next].



4 Select [Create from device] and remove the checkmark from [Overwrite settings on target device], and then click [Next].



5 Select the model you want to back up, and click [Next].

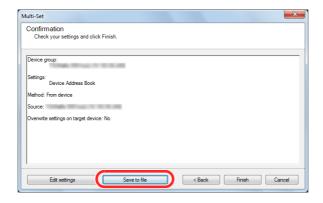


### NOTE

If the "Admin Login" screen appears, enter the "Admin Login" and "Login Password", and then click [OK]. The default settings are as follows:

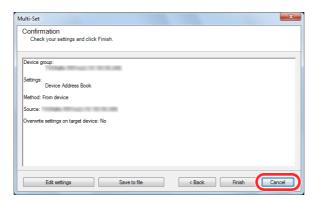
Login User Name	Admin
Login Password	Admin

- \* Upper case and lower case letters are distinguished (case sensitive).
- 6 Click on [Save to file].



7 Specify the location to save the file, enter the file name, and then click [Save]. For "Save as type", make sure to select "XML File".

8 After saving the file, always click [Cancel] to close the screen.



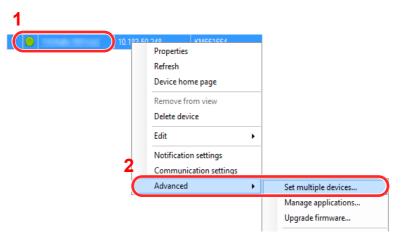
Please note that selecting [Finish] will write the data to the machine's Address Book.

#### Writing Address Book Data to the Machine

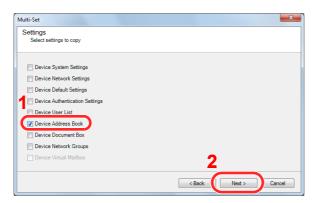
#### Launch the NETWORK PRINT MONITOR.

#### Load the Address Book data.

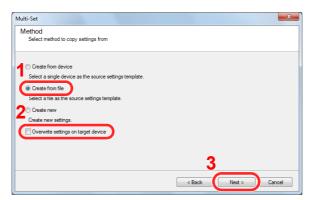
1 Right-click on the model name to which you want to transfer the Address Book, and select [Advanced] - [Set multiple devices].



- 2 Click [Next].
- 3 Select [Device Address Book] and click [Next].

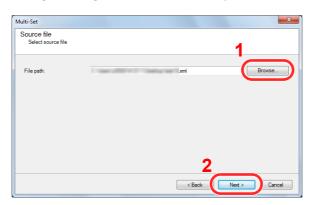


4 Select [Create from file] and remove the checkmark from [Overwrite settings on target device], and then click [Next].

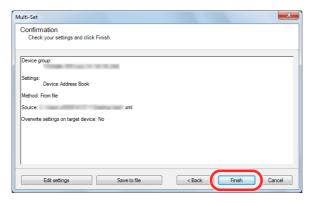


Selecting the [Overwrite settings on target device] checkbox will overwrite the machine's Address Book from entry No.1.

5 Click [Browse] and select the backup Address Book file, and then click [Next].



6 Click [Finish].



The write process of the Address Book data starts.

7 Once the write process is complete, click [Close].

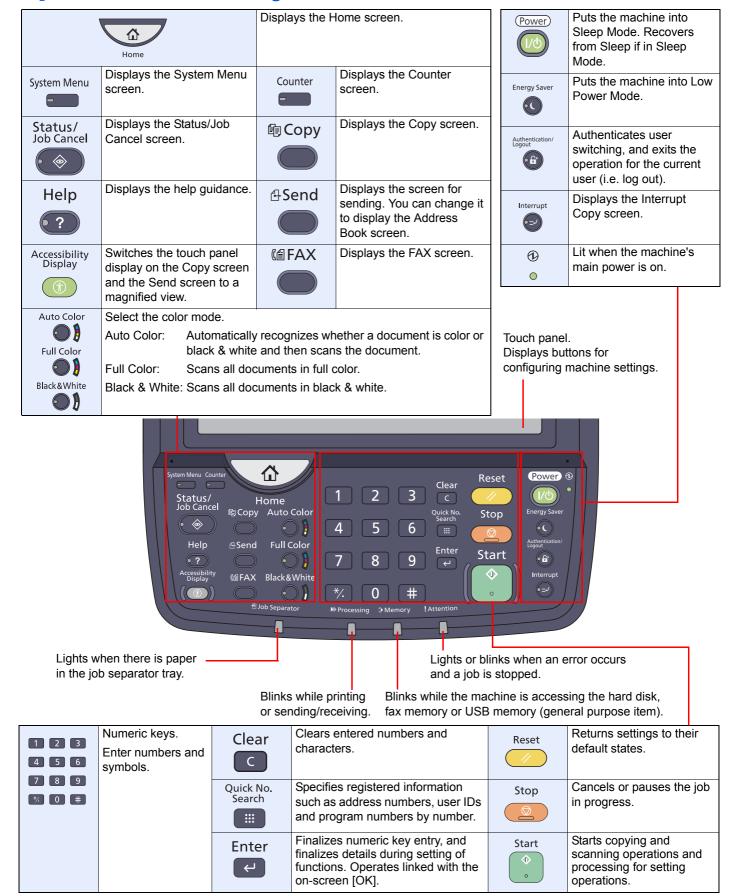
# 3 Preparation before Use

This chapter explains the following operations.

Using the Operation Panel	3-2
Operation Panel Keys	3-2
Adjusting the Operation Panel Angle	
Touch Panel Display	3-4
Home Screen	3-4
Display for Originals and Paper	3-8
Display of keys that cannot be set	3-8
Original Preview	
Enter key and Quick No. Search key	3-11
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Making a note of the user name and domain name	3-36
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Adding a Destination (Address Book)	3-45
Adding a Destination on One Touch Key (One Touch Key)	3-53

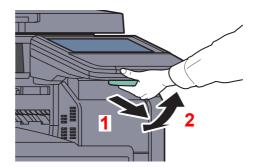
# **Using the Operation Panel**

### **Operation Panel Keys**



# **Adjusting the Operation Panel Angle**

Adjust the angle of the operation panel in two as shown by releasing the operation panel lock lever.



# **Touch Panel Display**

### **Home Screen**

This screen is displayed by pressing the [Home] key on the operation panel. Touching an icon will display the corresponding screen.

You can change the icons to display on the Home screen as well as its background.



Editing the Home Screen (page 3-5)



\* The appearance may differ from your actual screen, depending on your configuration and option settings.

No.	Item	Description	
1	Login User Name	Displays the logged-in user name. This is displayed when user login administration is enabled. Pressing "Login User Name" will display the information of the logged-in user.	
2	[Logout]	Logs out the current user. This is displayed when user login administration is enabled.	
3	Message	Displays the message depending on the status.	
4	Desktop	Displays a maximum of 40 function icons* including the functions registered in program. Icons that are not displayed on the first page will appear by changing the page.	
5	Screen-switching keys	NOTE  You can also switch views by touching the screen and moving the finger sideways (i.e. swiping).  Home Select the function.  FAX Box  Custom Box  Copy Send  Language  Lang	
6	Taskbar	Displays a maximum of 8 task icons.	

<sup>\*</sup> When the optional Fiery controller and fax kit are installed, a maximum of 43 icons can be displayed. A maximum of 5 icons can be displayed for installed applications.

### **Editing the Home Screen**

You can change the background of the Home screen as well as which icons are displayed.

## Display the screen.

Press the [System Menu] key and select [Home].



# **NOTE**

You can only change the settings by logging in with administrator privileges.

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

# Configure the settings.

The available settings are shown below.

Item	Description	
Customize Desktop	Specify the function icons to display on the desktop.	
	Press [Add] to display the screen for selecting the function to display. Select the function to display and press [OK].	
	Select an icon and press [Previous] or [After] to change the display position of the selected icon on the Desktop.	
	To delete a icon from desktop, select the desired one and press [Delete].	
	For details, refer to Available Functions to Display on Desktop on page 3-6.	
Customize Taskbar	Specify the task icons to display on the taskbar.	
	For details, refer to Available Functions to Display on Taskbar on page 3-7.	
Wallpaper	Configure the wallpaper of the Home screen.	
	Value: Images 1 to 8	

# **Available Functions to Display on Desktop**

Function	Icon	Description	Reference page
Copy* <sup>1</sup>	The state of the s	Displays the Copy screen.	page 5-21
Send* <sup>1</sup>		Displays the Send screen.	page 5-25
FAX* <sup>2</sup>		Displays the FAX screen.	Refer to the FAX Operation Guide.
Custom Box*1		Displays the Custom Box screen.	page 5-54
Job Box* <sup>1</sup>	A	Displays the Job Box screen.	page 4-14 page 5-66
Removable Memory* <sup>1</sup>		Displays the Removable Memory screen.	page 5-69
FAX Box* <sup>2</sup>		Displays the FAX Box screen.	Refer to the FAX Operation Guide.
Internet Browser		Displays the Internet Browser screen.	page 5-17
Printing System (13)* <sup>3</sup>	fiery	Displays the Fiery screen.	page 11-6
EFI PrintMe*3	PrintMe	Display the EFI PrintMe screen.  NOTE  To use this function, turn on the "Enable PrintMe" option using Configure in Command WorkStation or WebTools.	page 11-6
Send to Me (E-mail)		Displays the Send screen. The E-mail address of the logged-in user is set as the destination.	page 6-74
Send to Me from Box (E-mail)		Displays the Custom Box screen. The E-mail address of the logged-in user is set as the destination.	page 6-74
Program		Calls up the registered program. The icon will change according to the function of the program.	page 5-6
Application Name*4		Displays the selected applications.	page 5-11

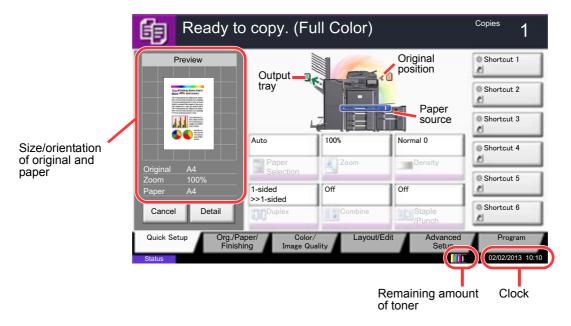
- \*1 Selected at the time of shipment from factory.
- \*2 Displayed when the corresponding optional component is attached.
- \*3 Displayed when the optional Fiery controller is installed.
- \*4 The icon of the application appears.

# **Available Functions to Display on Taskbar**

Function	Icon	Description	Reference page
Status/Job Cancel		Displays the Status screen. If an error occurs, the icon will show "!". Once the error clears, the display will return to normal.	-
Device Information	10	Displays the Device Information screen. Check the system and network information.	-
Accessibility/Standard	<b>(1)</b> / <b>(6)</b>	Magnifies the text and icons on the screen. Pressing the Accessibility icon switches the icon to the Standard icon. Press the Standard icon to return to the previous view.	page 3-13
Language	<b>®</b>	Displays the Language setting screen in System Menu.	page 8-9
System Menu	0	Displays the System Menu screen.	page 8-2
Help	?	Displays the Help screen.	page 3-12
Program	•	Displays the program list screen.	page 5-6
Message Board	▣	Displays the Message Board screen.  NOTE  To use this function, set "Message Board" to [ON] in System Menu.  Message Board Settings on page 8-  27	page 8-27

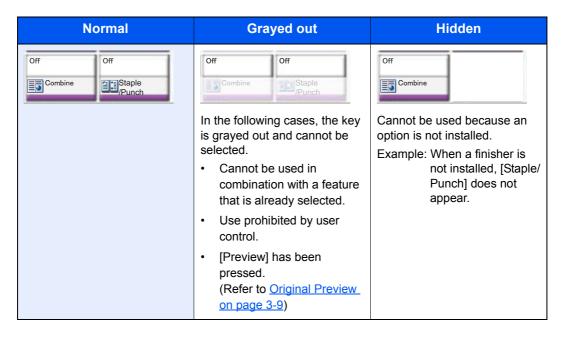
# **Display for Originals and Paper**

The copy screen displays the selected paper source and output tray.



# Display of keys that cannot be set

Keys of features that cannot be used due to feature combination restrictions or non-installation of options are in a non-selectable state.





If a key that you wish to use is grayed out, the settings of the previous user may still be in effect. In this case, press the [Reset] key and try again.

If the key is still grayed out after the [Reset] key is pressed, it is possible that you are prohibited from using the function by user control. Check with the administrator of the machine.

# **Original Preview**

You can display a preview image of the scanned document on the panel.



### **NOTE**

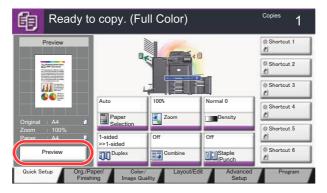
To view a preview of an image stored in a Custom Box, refer to Previewing Documents/Checking Document Details on page 5-52.

The procedure described here is for copying a single-page original.

1 On the Home screen, press [Copy] or [Send], and then place the original.

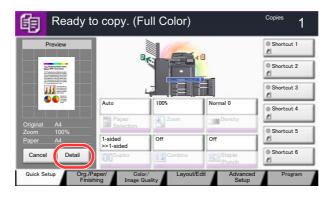


2 Press [Preview].



The machine starts scanning the original. When scanning is completed, the preview image appears on the panel.

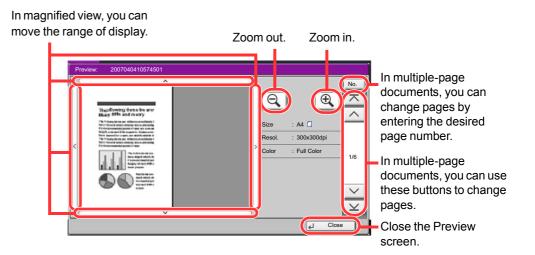
3 Pressing [Detail] will display the Preview screen so that you can check the finished image in greater detail.





### **NOTE**

To change the quality or the layout, press [Cancel] or the [Stop] key. Change the settings and press [Preview] again to see a preview image with the new settings.



### NOTE

Depending on the function you are using, even if you scan a multi-page original, only the first page can be previewed.

4 If there is no problem with the preview image, press the [Start] key. Copying starts.

# **Using the Preview Screen**

When the Preview screen is displayed, you can do the following by moving the finger that is touching the touch panel.

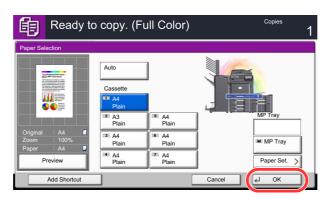
Function	Description
Drag	With the finger touching the touch panel, slide the finger to move the position of the displayed preview.
Pinch in Pinch out	With two fingers touching the touch panel, widen or tighten the space between the two fingers to zoom in and out on the view.

# **Enter key and Quick No. Search key**

This section explains how to use the [Enter] key and [Quick No. Search] key on the operation panel.

### Using the [Enter] key ( 2 )

The [Enter] key has the same function as the key with the Enter mark ( $\stackrel{\smile}{\leftarrow}$ ), such as the [ $\stackrel{\smile}{\leftarrow}$  OK] key and the [ $\stackrel{\smile}{\leftarrow}$  Close].



### Using the [Quick No. Search] key ( )

The [Quick No. Search] key performs the same action as the [No.] displayed on the touch panel. Use the Quick No. Search keys to perform an action by simply entering a number directly using the numeric keys. For example, you can specify the speed dial for a transmission destination or recall a stored program by its program number.



For more information on speed dialing, refer to Specifying Destination on page 5-28.

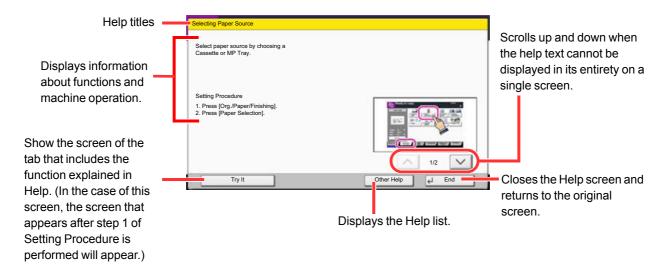


# **Help Screen**

If you have difficulty operating the machine, you can check how to operate it using the touch panel.

To show the Help screen, press the [Help] key on the operation panel. The Help screen shows explanations of functions and how to use them.







To show the Help list, press the [Help] key on the Home screen.

# **Accessibility Functions (Magnifying the View)**

You can magnify the text and keys displayed on the touch panel. You can also select items and move to the next screen using the numeric keys.



#### **NOTE**

This function can be used on the Home screen and on the functions that were registered via Copy/Send Quick Setup.

To configure any functions that are not displayed on the Accessibility screen, you need to return to the original view. Press the [Accessibility Display] key again.

While using the Copy or Send functions, press the [Accessibility Display] key.

Large keys and text appear on the touch panel.



You can also control the screen using the numeric key corresponding to the number in circle. (Example: Press the [2] key on the numeric key pad to zoom.)

Control the functions according to the display on the screen.

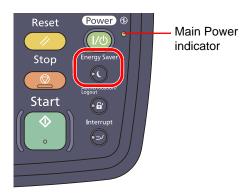
# **Energy Saver function**

# Low Power Mode and Auto Low Power Mode

#### **Low Power Mode**

To activate Low Power Mode, press the [Energy Saver] key. Touch panel and all indicators on the operation panel will go out to save power except the [Energy Saver], [Power], and Main Power indicators. This status is referred to as Low Power Mode.

When the [Power] key is pressed in low power mode, the machine enters the sleep state.



If print data is received during Low Power Mode, the machine automatically wakes up and starts printing. Also when fax data arrives while the machine is in Low Power Mode when using the optional fax, the machine automatically wakes up and starts printing.

To resume, perform one of the following actions.

- Press the [Energy Saver] key. (Full Recovery)
- Press a key other than [Power] and [Energy Saver] keys. (Power Saving Recovery)
- Open the platen cover or the optional document processor. (Power Saving Recovery)

The machine will be ready to use within 15 seconds for 3005ci/3505ci, and 20 seconds for 4505ci/5505ci

Note that ambient environmental conditions, such as ventilation, may cause the machine to respond more slowly.

#### **Auto Low Power Mode**

Auto Low Power Mode automatically switches the machine into Low Power Mode if left idle for a preset time.

The default preset time is 3 minutes (5 minutes for 5505ci).

For information on the Low Power Mode settings, refer to Low Power Timer on page 8-54.

#### **Energy Saver Recovery Level**

This machine can reduce power consumption when recovering from Energy Saver Mode.

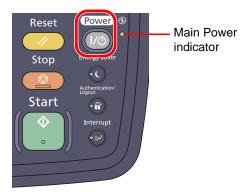
For EnergySaver RecoveryLevel, "Full Recovery", "Normal Recovery" or "Power Saving Recovery" can be selected. The factory default is "Normal Recovery".

For more information on Energy Saver Mode settings, refer to <a href="EnergySaver RecoveryLevel on page 8-56">EnergySaver RecoveryLevel on page 8-56</a>.

# **Sleep and Auto Sleep**

#### Sleep

To enter Sleep, press the [Power] key. Touch panel and all indicators on the operation panel will go out to save a maximum amount of power except the Main Power indicator. This status is referred to as Sleep.



If print data is received during Sleep, the print job is performed while the touch panel remains unlit.

When using the optional fax, received fax data is printed out while the operation panel also remains unlit.

Press the touch panel or any key on the operation panel.

The machine will be ready to use within 20 seconds for 3005ci, 20 seconds for 3505ci, 28 seconds for 4505ci, and 30 seconds for 5505ci.

Note that ambient environmental conditions, such as ventilation, may cause the machine to respond more slowly.

#### **Auto Sleep**

Auto Sleep automatically switches the machine into Sleep if left idle for a preset time in the Low Power Mode.

The default preset time are 30 minutes for 3005ci, 45 minutes for 3505ci, and 60 minutes for 4505ci/5505ci.

To change the preset sleep time, refer to Sleep Timer on page 8-55.



#### NOTE

This function cannot be turned on in some regions.

#### Sleep Rules (models for Europe)

You can set whether sleep mode operates for each function. When the machine enters sleep mode, it cannot perform printing from a computer connected by USB cable. In addition, it takes longer for the machine to wake and return to normal operation. Also, the ID card cannot be recognized.



For more information on Sleep Rules settings, refer to Sleep Rules (models for Europe) on page 8-55.

#### Sleep Level (Energy Saver) (models except for Europe)

This mode reduces power consumption even more than normal Sleep mode, and allows Sleep Mode to be set separately for each function. Printing from a computer connected with a USB cable is not available while the machine is asleep. The time required for the machine to wake up from power save mode and resume normal operation will be longer than for normal Sleep Mode.



#### **NOTE**

If the optional network interface kit and Fiery controller are installed, Energy Saver cannot be specified.



For more information on Energy Saver Mode settings, refer to Sleep Level (models except for Europe) on page 8-56.

#### **Energy Saver Recovery Level**

This machine can reduce power consumption when recovering from Energy Saver Mode.

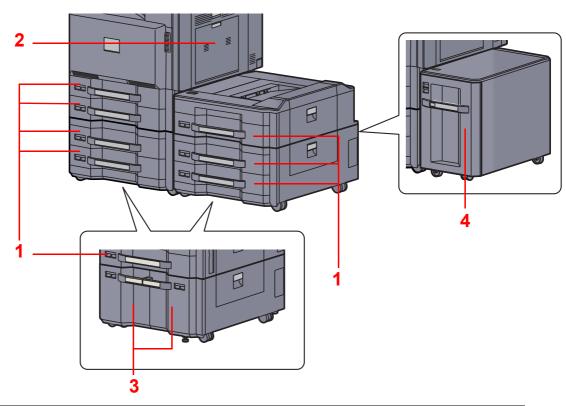
For EnergySaver RecoveryLevel, "Full Recovery", "Normal Recovery" or "Power Saving Recovery" can be selected. The factory default is "Normal Recovery".

For more information on Energy Saver Mode settings, refer to EnergySaver RecoveryLevel on page 8-56.

# **Loading Paper**

Paper can be loaded in the two standard cassettes and the multi purpose tray. A paper feeder is also available as an option. (Refer to Optional Equipment on page 11-2.)

For the paper load methods for each cassette, refer to the page below.



Cassettes		Name	No.	Page
Standard Cassette 1, Cassette 2		Standard cassettes	1	page 3-18
	Multi Purpose Tray	Multi Purpose Tray	2	page 3-26
Option Cassette 3, Cassette 4  Cassette 5	Side Feeder (500-sheet x 2)*1	1	page 3-18	
	Casselle 4	Large Capacity Feeder (1,500-sheet x 2)	3	page 3-21
	Cassette 5	Side Feeder (3,000-sheet)	4	page 3-25
		Side Feeder (500-sheet x 3)*1	1	page 3-18
		Large Capacity Side Feeder (500 <sup>*1</sup> , 1,500-sheet x 2 <sup>*2</sup> )		page 3-18
	Cassette 6, Cassette 7	Side Feeder (500-sheet x 3)*1		page 3-18
		Large Capacity Side Feeder (500*1, 1,500-sheet x 2*2)	3	page 3-21

The paper feed method is the same as standard cassettes.

The paper feed method is the same as the Large Capacity Feeder (1,500-sheet x 2).



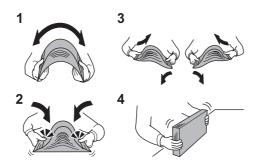
### NOTE

The number of sheets that can be held varies depending on your environment and paper type. For higher quality color printing, use special color paper.

You should not use inkjet printer paper or any paper with a special surface coating. (Such paper may cause paper jams or other faults.)

# **Before Loading Paper**

When you open a new package of paper, fan the sheets to separate them slightly prior to loading in the following steps.



- 1 Bend the whole set of sheets to swell them in the middle.
- 2 Hold the stack at both ends and stretch it while keeping the entire stack swelled.
- 3 Raise the right and left hands alternately to create a gap and feed air between the papers.
- 4 Finally, align the papers on a level, flat table.

If the paper is curled or folded, straighten it before loading. Paper that is curled or folded may cause a jam.



#### **◯** IMPORTANT

If you copy onto used paper (paper already used for printing), do not use paper that is stapled or clipped together. This may damage the machine or cause poor image quality.



#### **NOTE**

Note that some paper types have a tendency to curl and may jam in the paper eject unit. If you use special paper such as letterhead, paper with holes or paper with pre-prints like logo or company name, refer to Paper on page 11-14.

Avoid exposing opened paper to high temperatures and high humidity as dampness can be a cause of problems. Seal any remaining paper after loading in the multi purpose tray or cassettes back in the paper storage bag.

If the machine will not be used for a prolonged period, protect all paper from humidity by removing it from the cassettes and sealing it in the paper storage bag.

# **Loading in the Cassettes**

#### Standard cassettes

The standard cassettes can hold plain paper, recycled paper or color paper.

Cassette 1 and 2 hold up to 500 sheets of plain paper (80 g/m<sup>2</sup>) (or up to 550 sheets of 64 g/m<sup>2</sup> plain paper).

The following paper sizes are supported: A3, B4, A4, A4-R, B5, B5-R, A5-R, Folio, Ledger, Legal, Oficio II, 12 x 18", Letter, Letter-R, Statement-R, 8K, 16K, 16K-R, and 216 x 340 mm, Custom (140 x 182 mm - 304 x 457 mm).



### **IMPORTANT**

When using media types other than plain paper (such as recycled or colored paper), always specify the media type and paper weight settings.



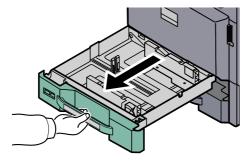
Specifying Paper Size and Media Type for the Cassettes (page 3-30) Media Type Setting (page 8-13)

The cassettes can hold paper with weight between 60 - 220 g/m<sup>2</sup> for 3005ci and 3505ci; and 60 - 256 g/m<sup>2</sup> for 4505ci and 5505ci. If you are using a paper weight of 106 g/m<sup>2</sup> or more, set the media type to Thick and set the weight of the paper you are using.

Do not load thick paper that is heavier than 256 g/m<sup>2</sup> in the cassettes. Use the multi purpose tray for paper that is heavier than 256 g/m<sup>2</sup>.

If you wish to use 330 x 210 mm to 356 x 220 mm paper, contact a service technician.

## Pull the cassette out toward you until it stops.





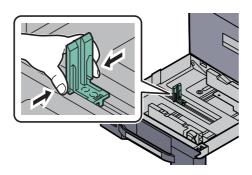
### **NOTE**

Do not pull out more than one cassette at a time.

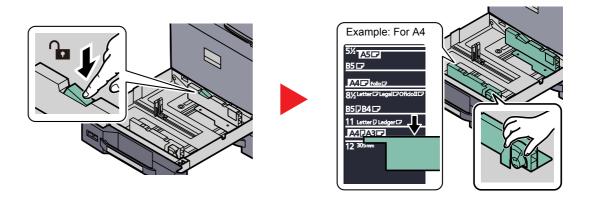
# Adjust the cassette size.

1 Squeeze the ends of the bottom of the paper length guide and move the guide to fit the length of the paper.

Paper sizes are marked on the cassette.

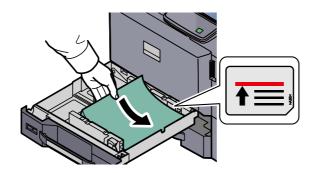


2 Press the (Paper Width Guide) Lock to release the lock. Grasp the paper width adjusting tab and move the paper width guides to fit the paper.



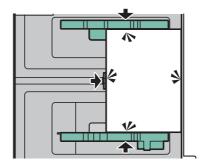
# 3 Load paper.

1 Align the paper flush against the right side of the cassette.

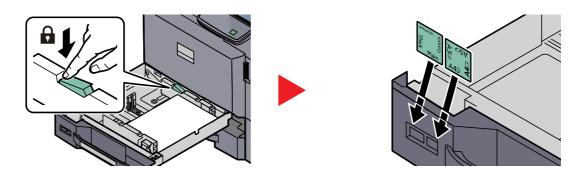


#### **IMPORTANT**

- If paper is loaded without adjusting the paper length guide and paper width guide, the paper may skew or become jammed.
- Load the paper with the print side facing up.
- After removing new paper from its packaging, fan the paper before loading it in the multi-purpose tray. (Refer to <u>Before Loading Paper on page 3-17</u>.)
- Before loading the paper, be sure that it is not curled or folded. Paper that is curled or folded may cause paper jams.
- Ensure that the loaded paper does not exceed the level indicator (see illustration below).
- 2 Be sure that the paper length and width guides rest securely against the paper. If there is a gap, readjust the guides to fit the paper.



3 Press the (Paper Width Guide) Lock to lock.



# Gently push the cassette back in.



### NOTE

- If the machine will not be used for a prolonged period, protect all paper from humidity by removing it from the cassettes and sealing it in the paper storage bag.
- Select the media type (plain, recycled, etc.) loaded in the cassette.



Specifying Paper Size and Media Type for the Cassettes (page 3-30)

### The Large Capacity Feeder (1,500-sheet x 2) (Option)

The Optional cassettes will each hold plain paper, recycled paper or color paper.

The Large Capacity Feeder (1,500-sheet x 2) holds up to 3,000 sheets (1,500-sheet x 2) of plain paper (80 g/m<sup>2</sup>) (or up to 3,500 sheets (1,750-sheet x 2) of 64 g/m<sup>2</sup> plain paper).

The following paper sizes are supported: A4, B5 and Letter.



#### **◯** IMPORTANT

When using media types other than plain paper (such as recycled or colored paper), always specify the media type and paper weight settings.

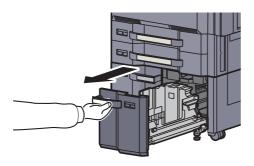


Specifying Paper Size and Media Type for the Cassettes (page 3-30) Media Type Setting (page 8-10)

The cassettes can hold paper with weights up to 256 g/m<sup>2</sup>. If you are using a paper weight of 106 g/m<sup>2</sup> or more, set the media type to Thick and set the weight of the paper you are using.

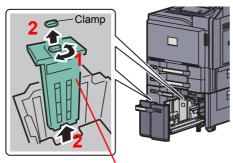
Do not load thick paper that is heavier than 256 g/m<sup>2</sup> in the cassettes. Use the multi purpose tray for paper that is heavier than 256 g/m<sup>2</sup>.

# Pull the cassette out toward you until it stops.



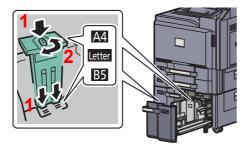
# Adjust the cassette size.

1 Rotate the Paper Size Guide (A) clamp and remove. Pull the Paper Size Guide (A) up and out.



Paper Size Guide (A)

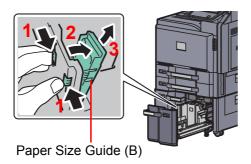
Insert the Paper Size Guide (A) into the slot (bottom of cassette) for the paper size to be used.



Make sure that the top of the paper size guide (A) matches the paper size to be used, attach the clamp, and rotate the clamp to lock it.

Gently try moving the Paper Size Guide (A) to verify that it is fixed.

3 With the bottom of the cassette pressed all the way down, press the hook on the side of the Paper Size Guide (B) to release it and pull out the Paper Size Guide (B).

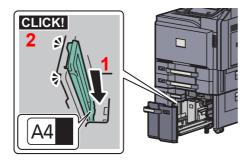


4 Adjust the Paper Size Guide (B) to the paper size.

#### **A4**

Insert the Paper Size Guide (B) into the slot marked A4 (on the bottom of the cassette), and lock the hook (it will make a "click" sound).

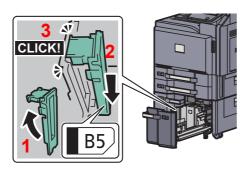
Gently try moving the Paper Size Guide (A) to verify that it is fixed.



### **B5**

Open the Paper Size Guide (B) as shown, insert into the slot marked B5 (on the bottom of the cassette), and lock the hook (it will make a "click" sound).

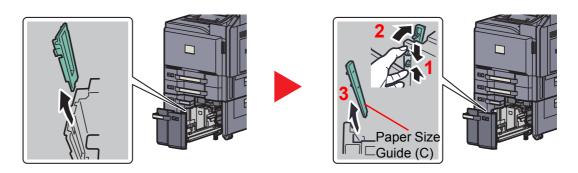
Gently try moving the Paper Size Guide (A) to verify that it is fixed.



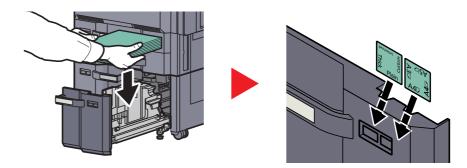
#### Letter

The Paper Size Guide (B) is not attached.

With the bottom of the cassette pressed all the way down, press the hook on the side of the Paper Size Guide (C) to release it and pull out the Paper Size Guide (C).



# 3 Load paper.



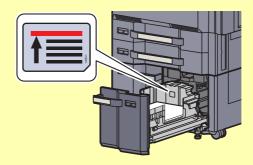
#### **◯** IMPORTANT

- Load the paper with the print side facing up.
- · After removing new paper from its packaging, fan the paper before loading it in the multi-purpose tray.



Before Loading Paper (page 3-17)

- Before loading the paper, be sure that it is not curled or folded. Paper that is curled or folded may cause paper jams.
- Ensure that the loaded paper does not exceed the level indicator (see illustration below).



# Gently push the cassette back in.



- If the machine will not be used for a prolonged period, protect all paper from humidity by removing it from the cassettes and sealing it in the paper storage bag.
- Select the media type (plain, recycled, etc.) loaded in the cassette.

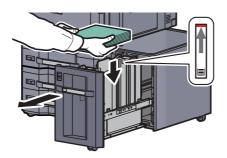


Specifying Paper Size and Media Type for the Cassettes (page 3-30)

### Side Feeder (3,000-sheet) (Option)

The optional side feeder hold up to 3,000 sheets of plain paper (80 g/m<sup>2</sup>).

The following paper sizes are supported: A4, B5 and Letter.



Pull the cassette out toward you until it stops and insert the paper into the cassette. After loading paper, gently push the cassette back in.



### **NOTE**

The default paper size setting is A4. If you need the paper size changed to B5 or Letter, contact your service representative.

### **IMPORTANT**

- · When loading the paper, keep the print side facing down.
- Before loading the paper, be sure that it is not curled or folded. Paper that is curled or folded may cause paper jams.
- Ensure that the loaded paper does not exceed the level indicator (see illustration above).

# **Loading Paper in the Multi Purpose Tray**

The multi purpose tray will hold up to 150 sheets of A4 or smaller plain paper (80 g/m<sup>2</sup>) (or up to 165 sheets of 64 g/m<sup>2</sup> plain paper) or up to 50 sheets of plain paper (80 g/m<sup>2</sup>) (or up to 55 sheets of 64 g/m<sup>2</sup> plain paper) lager than A4.

The multi purpose tray accepts paper sizes from A3 to A6-R and Hagaki and from Ledger to Statement-R, 12 x 18", 8K, 16K and 16K-R. Be sure to use the multi purpose tray when you print on any special paper.



#### **IMPORTANT**

When using media types other than plain paper (such as recycled or colored paper), always specify the media type and paper weight settings.



Specifying Paper Size and Media Type for the Multi Purpose Tray (MP Tray Setting) (page 3-33) Media Type Setting (page 8-13)

If you are using a paper weight of 106 g/m<sup>2</sup> or more, set the media type to Thick and set the weight of the paper you are using.

The capacity of the multi purpose tray is as follows.

- A4 or smaller plain paper (80 g/m<sup>2</sup>), recycled paper or color paper: 150 sheets (64 g/m<sup>2</sup> plain paper: 165 sheets)
- B4 or larger plain paper (80 g/m<sup>2</sup>), recycled paper or color paper: 50 sheets (64 g/m<sup>2</sup> plain paper : 55 sheets)
- Hagaki: 30 sheets
- OHP film: 10 sheets
- Envelope DL, Envelope C4, Envelope C5, Envelope #10 (Commercial #10), Envelope #9 (Commercial #9), Envelope #6 (Commercial #6), Monarch, Youkei 4, Youkei 2: 10 sheets
- Banner paper: 470.1 mm (18.51") to a maximum of 1220.0 mm (48"): 1 sheet (manual feed), 10 sheets (when optional banner tray is attached)

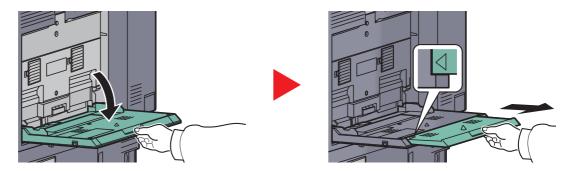


### **NOTE**

When you load custom size paper, enter the paper size by referring to Specifying Paper Size and Media Type for the Multi Purpose Tray (MP Tray Setting) on page 3-33.

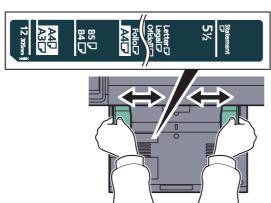
When you use special paper such as transparencies or thick paper, select the media type by referring to Specifying Paper Size and Media Type for the Multi Purpose Tray (MP Tray Setting) on page 3-33.

# Open the multi purpose tray.

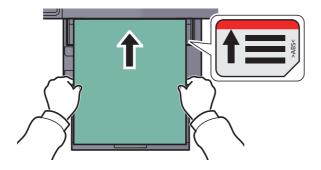


When loading paper sizes 12 x 18" and from A3 to B4 and Ledger to Legal, extend the support tray section of the multi purpose tray until the " $\Delta$ " mark is fully appeared.

# Adjust the multi purpose tray size.



# 3 Load paper.



Insert the paper along the paper width guides into the tray until it stops.

After removing new paper from its packaging, fan the paper before loading it in the multipurpose tray.



Before Loading Paper (page 3-17)

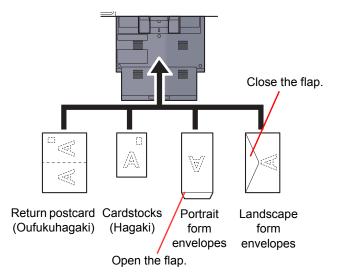
## **⊘** IMPORTANT

- When loading the paper, keep the print side facing down.
- · Curled paper must be uncurled before use.
- Straighten the top edge if it is curled.
- When loading paper into the multi purpose tray, check that there is no paper left over in the tray from a previous job before loading the paper. If there is just a small amount of paper left over in the multi purpose tray and you want to add more, first remove the left-over paper from the tray and include it with the new paper before loading the paper back into the tray.
- If there is a gap between the paper and the paper width guides, readjust the guides to fit the paper in order to prevent skewed feeding and paper jams.
- Ensure that the loaded paper does not exceed the level indicator (see illustration above).

### When you load envelopes or cardstock in the multi purpose tray

Load the paper with the print side facing down. For the procedure for printing, refer to the **Printing System Driver User Guide**.

Example: When printing the address.



# **IMPORTANT**

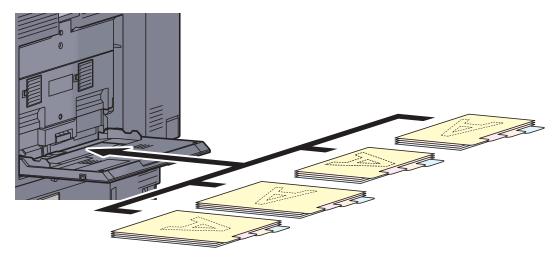
- · Use unfolded return postcard (Oufukuhagaki).
- How to load envelopes (orientation and facing) will differ depending on the type of envelope. Be sure to load it in correctly, otherwise printing may be done in the wrong direction or on the wrong face.

# NOTE

When you load envelopes in the multi purpose tray, select the envelope type by referring to <u>Specifying Paper Size and Media Type for the Multi Purpose Tray (MP Tray Setting) on page 3-33</u>.

# When you load index paper in the multi purpose tray

Load the paper with the print side facing down and the tab further side from the machine. For the procedure for printing, refer to the **Printing System Driver User Guide**.

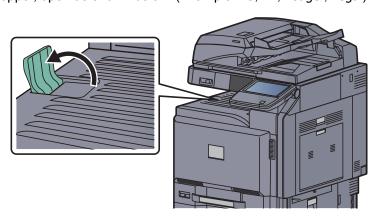


Index paper must meet the following conditions.

Item	Description
Paper size	A4/Letter
Paper weight	136 to 256 g/m <sup>2</sup>
Number of tabs	1 to 15
Length of tabs	30 mm or less

# **Paper stopper**

To use the sheet ejection stopper, open as shown below. (Example: A3, B4, Ledger, Legal)



# **Specifying Paper Size and Media**

The default paper size setting for cassettes 1 and 2, for the multi purpose tray and for the optional paper feeder (cassettes 3 to 7) is "Auto", and the default media type setting is "Plain".

To fix the type of paper to be used in cassettes, specify the paper size and media type setting. (Refer to <a href="Specifying Paper Size">Specifying Paper Size</a> and <a href="Media Type for the Cassettes on page 3-30">Media Type for the Cassettes on page 3-30</a>.) To fix the type of paper to be used in multi purpose tray, specify the paper size setting. (Refer to <a href="Specifying Paper Size">Specifying Paper Size</a> and <a href="Media Type for the Multi Purpose Tray">Media Type for the Multi Purpose Tray</a> (MP Tray <a href="Setting">Setting</a>) on page 3-33.)

### Specifying Paper Size and Media Type for the Cassettes

To fix the type of paper to be used in cassettes 1 or 2 or the optional paper feeders (cassettes 3 to 7), specify the paper size. Also, if you use a media type other than plain paper, specify the media type setting.

Selection Item		Selectable Size/Type
Paper Size	Auto	Paper size is automatically detected and selected.
		Values: Metric, Inch
	Standard Sizes 1*1	Available options are as follows:
		Values:
		Metric models: A3, A4, A4-R, A5-R, B4, B5, B5-R, Folio, 216 x 340 mm
		Inch models: Ledger, Letter, Letter-R, Legal, Statement, 12 x 18", Oficio II
	Standard Sizes 2*1	Select from standard size except Standard Sizes 1.
		Values:
		Metric models: Ledger, Letter, Letter-R, Legal, Statement, 12 x 18", Oficio II, 8K, 16K, 16K-R
		Inch models: A3, A4, A4-R, A5-R, B4, B5, B5-R, Folio, 216x340 mm, 8K, 16K, 16K-R
	Size Entry* <sup>2</sup>	Enter a size not displayed in the standard sizes.
		Values:
		Metric
		X: 182 to 457 mm (in 1 mm increments),
		Y: 140 to 304 mm (in 1 mm increments),
		Inch
		X : 7.17 to 18.00" (in 0.01" increments)
		Y: 5.51 to 12.00" (in 0.01" increments)
Media type		Select the media type.
		Values: Plain (60 - 105 g/m <sup>2</sup> ), Rough, Vellum (60 - 105 g/m <sup>2</sup> ), Recycled, Preprinted <sup>*3</sup> , Bond <sup>*3</sup> , Color, Prepunched <sup>*3</sup> , Letterhead <sup>*4</sup> ,
		Thick (106g/m <sup>2</sup> or more) <sup>*4</sup> , High Quality, Custom 1 - 8 <sup>*4</sup>

- \*1 When using the optional Large Capacity Feeders (1,500-sheet x 2) and Large Capacity Feeders (500-sheet, 1,500-sheet x 2), you can only specify A4, Letter, or B5.
- \*2 Can be set when cassette 1 or cassette 2 is selected.
- \*3 To print on preprinted or prepunched paper or on letterhead, refer to Special Paper Action on page 8-12.
- \*4 To change to a media type other than Plain, refer to <a href="Media Type Setting on page 8-10">Media Type Setting on page 8-10</a>. When the paper weight settings shown below are selected, the media indicated for each setting cannot be selected.

Rough: "Heavy 5" Preprinted: "Heavy 5" Letterhead: "Heavy 5" Thick: "Heavy 5"

Custom 1 to 8: "Heavy 5", or "Extra Heavy"

On 3005ci and 3505ci, the paper of each also cannot be selected when Heavy 4 is set.

# NOTE

If the optional FAX kit is installed, the available media types for printing received faxes are as shown below.

Plain, Recycled, Bond, Vellum, Color, Thick, High Quality, Rough and Custom 1 to 8

Set the paper size of the cassette used for fax reception as follows:

Inch models: Press [Auto] and then [Inch]. Metric models: Press [Auto] and then [Metric].

If the above setting is changed, it will not be possible to print faxes.

### Display the screen.

1 Press the [System Menu] key.

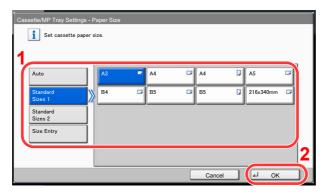
# System Menu



2 Press [Cassette/MP Tray Settings].

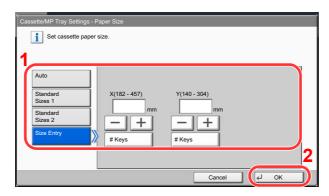
# Configure the settings.

- 1 In "Cassette/MP Tray Settings", select one of [Cassette 1] [Cassette 7], and press [Next]. Then in "Paper Size", press [Change].
- 2 For automatic detection of the paper size, press [Auto] and select [Metric] or [Inch] as the unit. To select the paper size, press [Standard Sizes 1] or [Standard Sizes 2] and select the paper size.



When cassette 1 or 2 is selected, a size not displayed in the standard sizes can be set.

Select [Size Entry], press [+], [-] to enter "X" (horizontal) and "Y" (vertical) dimensions. By pressing [# Keys], you can use the numeric keys.



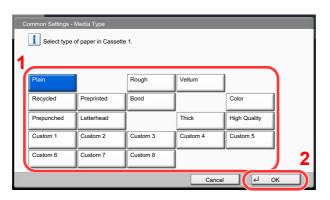
#### NOTE

[Cassette 3] to [Cassette 7] are shown when the optional paper feeder is installed.

3 Press [OK].

The previous screen reappears.

4 Press [Change] of "Media Type" to select the media type and press [OK].



### Specifying Paper Size and Media Type for the Multi Purpose Tray (MP Tray Setting)

To fix the type of paper to be used in the multi purpose tray, specify the paper size. When using other than a plain paper, specify the media type.

Item		Description	
Paper Size	Auto	Paper size is automatically detected and selected.  Values: Metric, Inch	
	Standard Sizes 1	Available options are as follows:  Values:  Metric models: A3, A4, A4-R, A5-R, A6-R, B4, B5, B5-R, B6-R, Folio, 216 x 340 mm Inch models: Ledger, Letter, Letter-R, Legal, Statement, Executive, 12x18", Oficio II	
	Standard Sizes 2	Select from the standard sizes*1 not included in Standard Sizes 1.  Values:  Metric models: Ledger, Letter, Letter-R, Legal, Statement, Executive, 12 x 18",  Oficio II,8K, 16K, 16K-R  Inch models: A3, A4, A4-R, A5-R, A6-R, B4, B5, B5-R, B6-R, Folio, 8K, 16K, 16K-R, 216 x 340 mm	
	Others	Select from special standard sizes and custom sizes.  Values: ISO B5, Envelope #10, Envelope #9, Envelope #6, Envelope Monarch, Envelope DL, Envelope C5, Envelope C4, Hagaki, Oufuku hagaki, Youkei4, Youkei2	
	Size Entry	Enter a size not displayed in the standard sizes.  Value  Metric  X: 148 to 457 mm (in 1 mm increments)  Y: 98 to 304 mm (in 1 mm increments)  Inch  X: 5.83 to 18.00" (in 0.01" increments)  Y: 3.86 to 12.00" (in 0.01" increments)	
Media Type		Select the media type.  Values: Plain (60 - 105 g/m²), Rough, Transparency, Vellum (60 - 105 g/m²), Labels, Recycled, Preprinted*², Bond, Cardstock, Color, Prepunched*², Letterhead*², Envelope, Thick (106 g/m² or more), Coated, High Quality, Index Tab Dividers*³, Custom 1-8	

- \*1 To change to a media type other than "Plain", refer to Media Type Setting on page 8-10.
- \*2 To print on preprinted or prepunched paper or on letterhead, refer to Special Paper Action on page 8-12.
- \*3 If you print from the printer driver, you can enter text on the tab. For details, refer to the **Printing System Driver User Guide**.



If the optional FAX kit is installed, the available media types for printing received faxes are as shown below. Plain, Labels, Recycled, Bond, Vellum, Color, Coated, Cardstock, Envelope, Thick, High Quality, Rough and Custom 1 to 8

# 1 Display the screen.

1 Press the [System Menu] key.

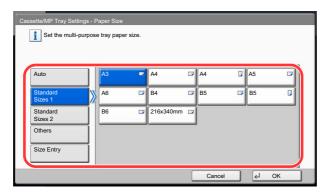
System Menu



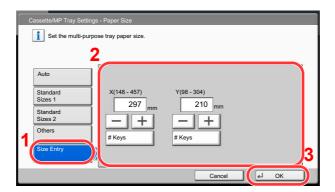
Press [Cassette/MP Tray Settings], [Next] of "MP Tray Setting", and then [Change] of "Paper Size".

# Configure the settings.

1 For automatic detection of the paper size, press [Auto] and select [Metric] or [Inch] as the unit.



To select the paper size, press [Standard Sizes 1], [Standard Sizes 2], [Others] or [Size Entry] and select the paper size.

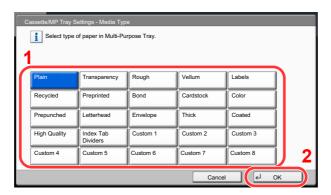


If you select [Size Entry], press [+], [-] to enter "X" (horizontal) and "Y" (vertical) dimensions. By pressing [# Keys], you can use the numeric keys.

2 Press [OK].

The previous screen reappears.

3 Press [Change] of "Media Type" to select the media type and press [OK].



# Preparation for Sending a Document to a PC

Check the information that needs to be set on the machine and create a folder to receive the document on your computer. Screens of Windows 7 are used in the following explanation. The details of the screens will vary in other versions of Windows.



#### **NOTE**

Log on to Windows with administrator privileges.

# Making a note of the computer name and full computer name

Check the name of the computer name and full computer name.

## Display the screen.

From [Start] button on the Windows, select [Computer] and then [System Properties].

In Windows XP, right-click [My Computer] and select [Properties]. The [System Properties] dialog box appears. Click the [Computer Name] tab in the window that appears. In Windows 8, select the desktop in the Start screen, right-click [Computer] from [Libraries], and then select [Properties].

# Check the computer name.



Check the computer name and full computer name.

Screen example:

Computer name: PC001

Full computer name: PC001.abcdnet.com

#### Windows XP:

If the full computer name does not have a dot (.), the full computer name and the computer name are the same.

If the full computer name has a dot (.), the text string in front of the dot (.) in the full computer name is the computer name.

PC001.abcdnet.com Example:

PC001 is the computer name

PC001.abcdnet.com is the full computer name

After checking the computer name, click the [Close] button to close the "System Properties" screen.

In Windows XP, after checking the computer name, click the [Cancel] button to close the "System Properties" screen.

# Making a note of the user name and domain name

Check the domain name and user name for logging onto Windows.

# Display the screen.

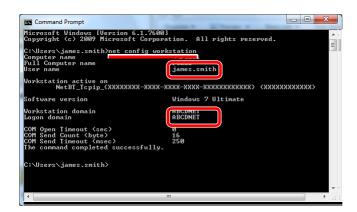
From [Start] button on the Windows, select [All Programs] (or [Programs]), [Accessories] and then [Command Prompt].

In Windows 8, display [Apps] on [Search] in charms on the Start screen, and select [Command Prompt].

The Command Prompt window appears.

## Check the domain name and user name.

At the Command Prompt, enter "net config workstation" and then press [Enter].



Check the user name and domain name.

Screen example:

User Name: james.smith Domain Name: ABCDNET

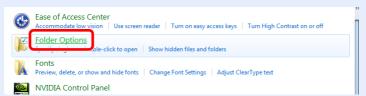
# Creating a Shared Folder, Making a Note of a Shared Folder

Create a shared folder to receive the document in the destination computer.



If there is a workgroup in System Properties, configure the settings below to limit folder access to a specific user or group.

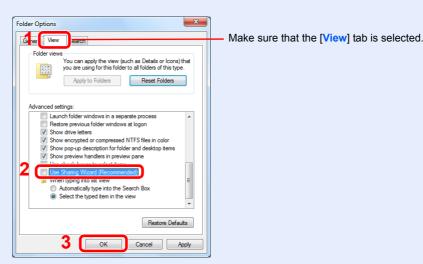
1 From [Start] button on the Windows, select [Control Panel], [Appearance and Personalization], and then [Folder Options].



In Windows XP, click [My Computer] and select [Folder Options] in [Tools].

In Windows 8, select [Settings] in charms on Desktop, and select [Control Panel], [Appearance and Personalization], and then [Folder Options].

2



Remove the checkmark from [Use Sharing Wizard (Recommended)] in "Advanced settings".

In Windows XP, click the [View] tab and remove the checkmark from [Use Simple File Sharing (Recommended)] in "Advanced settings".

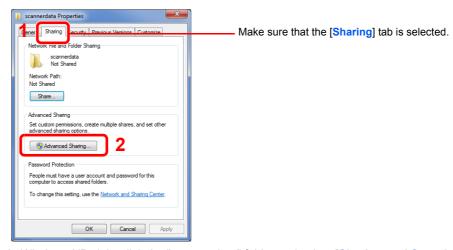
# Create a folder.

1 Create a folder on your computer.

For example, create a folder with the name "scannerdata" on the desktop.



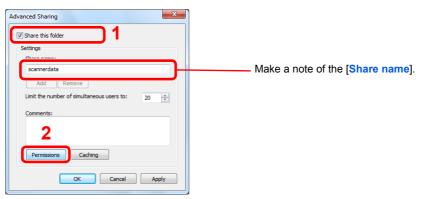
2 Right-click the "scannerdata" folder and click [Share] and [Advanced sharing]. Click the [Advanced Sharing] button.



In Windows XP, right-click the "scannerdata" folder and select [Sharing and Security] (or [Sharing]).

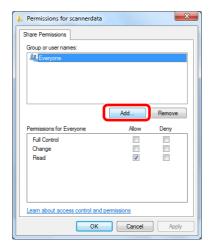
# Configure permission settings.

1 Select the [Share this folder] checkbox and click the [Permissions] button.

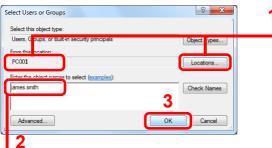


In Windows XP, select [Share this folder] and click the [Permissions] button.

2 Click the [Add] button.



3



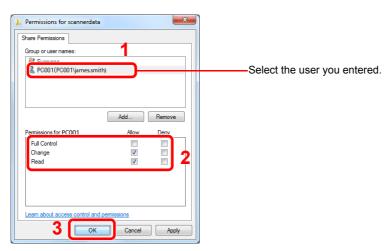
Enter the user name that you made a note of on page Making a note of the user name and domain name on page 3-36 in the text box, and click the [OK] button.

If the computer name that you made a note of on page Making a note of the computer name and full computer name on page 3-35 is the same as the domain name: If the computer name is not shown in "From this location", click the [Locations] button, select the computer name, and click the [OK] button. Example: PC001

If the computer name that you made a note of on page Making a note of the computer name and full computer name on page 3-35 is not the same as the domain name: If the text after the first dot (.) in the full computer name that you made a note of does not appear in "From this location", click the [Locations] button, select the text after the dot (.), and click the [OK] button.

Example: abcdnet.com

4



Select the [Allow] checkbox of the "Change" and "Read" permissions and press [OK]. In Windows XP, go to step 6.

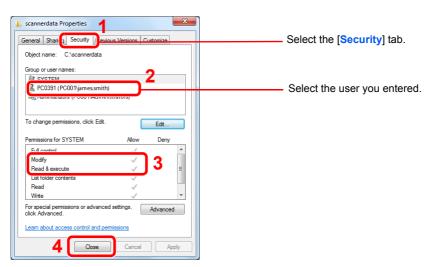


### NOTE

"Everyone" gives sharing permission to everyone on the network. To strengthen security, it is recommended that you select "Everyone" and remove the "Read" [Allow] checkmark.

5 Click the [OK] button in the "Advanced Sharing" screen to close the screen.

6



Make sure that checkmarks appear on [Allow] checkbox for the "Modify" and "Read & execute" permissions, and click the [Close] button.

In Windows XP, make sure that checkmarks appear on [Allow] checkbox for the "Modify" and "Read & execute" permissions, and click the [OK] button.

# **Configuring Windows Firewall (for Windows 7)**

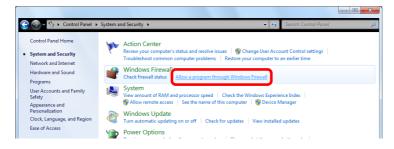
Permit sharing of files and printers and set the port used for SMB transmission.



Log on to Windows with administrator privileges.

### Check file and printer sharing.

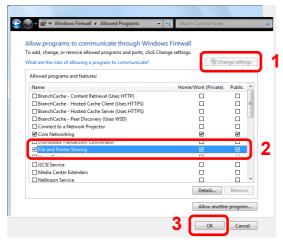
1 From [Start] button on the Windows, select [Control Panel], [System and Security], and [Allow a program through Windows Firewall].



**NOTE** 

If the User Account Control dialog box appears, click the [Continue] button.

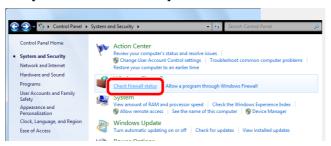
2



Select the [File and Printer Sharing] checkbox.

### 2 Add a port.

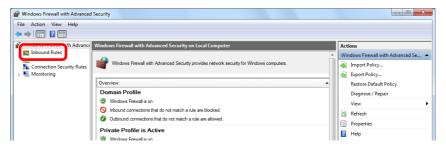
1 From [Start] button on the Windows, select [Control Panel], [System and Security], and [Check firewall status].



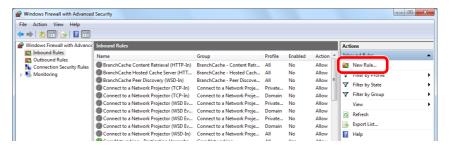
2



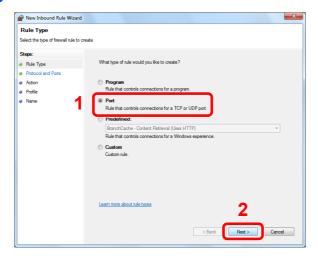
3



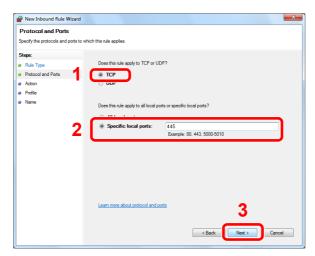
4



5

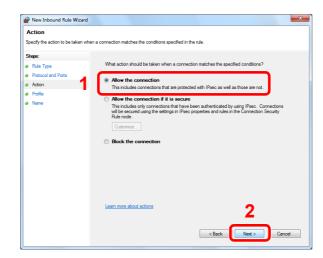


6

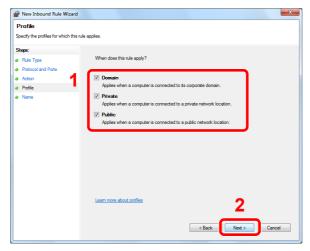


Select [Specific local ports], and enter "445".

7

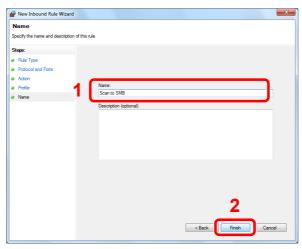


8



Make sure all checkboxes are selected.

9



Enter "Scan to SMB" in "Name" and click [Finish].

#### In Windows XP or Windows Vista

- 1 In Windows XP, from [Start] button on the Windows, select [Control Panel], and then [Windows Firewall].
  In Windows Vista, from [Start] button on the Windows, select [Control Panel], [Security], and then [Turn Windows Firewall on or off].
  If the User Account Control dialog box appears, click the [Continue] button.
- 2 Click the [Exceptions] tab and then the [Add port...] button.
- 3 Specify Add a Port settings. Enter any name in "Name" (example: Scan to SMB). This will be the name of the new port. Enter "445" in "Port Number". Select [TCP] for "Protocol".
- 4 Click [OK] button.

#### In Windows 8

- 1 In charms on Desktop, click [Settings], [Control Panel], [System and Security], and then [Windows Firewall].
  If the User Account Control dialog box appears, click the [Continue] button.
- **2** Configure the settings, refer to Configuring Windows Firewall (for Windows 7) on page 3-41.

# **Registering Destinations in the Address Book**

Save frequently used destinations to the Address Book or One Touch Keys. The saved destinations can be changed. The destinations are available for Send as E-mail, Send to Folder, and Fax Transmission (optional).



#### **NOTE**

Registering and editing of the Address Book can also be done in Embedded Web Server RX.



Registering Destinations (page 2-40)

## Adding a Destination (Address Book)

Add a new destination to the Address Book. There are two registering methods, contacts and groups. When adding a group, enter the group name and select group members from the Address Book.



#### **NOTE**

If user login administration is enabled, you can only edit destinations in the Address Book by logging in with administrator privileges.

#### Contact

A maximum of 2,000 contact addresses can be registered. Each address can include the information such as destination name, E-mail address, FTP server folder path, computer folder path, and FAX No. (optional).

### Display the screen.

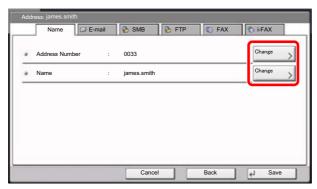
1 Press the [System Menu] key.

System Menu



Press in the following sequence: [ \sim 1, [Edit Destination], [Add/Edit] in "Address Book", [Add], [Contact], and then [Next].

### Add the name.



- 1 To specify the "Address Number", press [Change] in Address Number.
- 2 Use [+] / [-] or the numeric keys to enter an address number (1 to 2500).
  To have the number assigned automatically, enter "0000".

### NOTE

Address Number is an ID for a destination. You can select any available number out of 2,000 numbers for contacts and 500 numbers for groups.

If you specify an address number that is already in use, an error message appears when you press [Save] and the number cannot be registered. If you set "0000" as the address number, the address is registered under the lowest available number.

3 Press [OK].

The screen shown in step 1 reappears.

- 4 Press [Change] of "Name".
- 5 Enter the destination name (up to 32 characters) to be displayed on the Address Book and press [OK].

The screen shown in step 1 reappears.

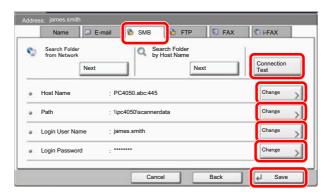


Refer to the Character Entry Method on page 11-11 for details on entering characters.

### Add the address.

1 Press [E-mail] to add an E-mail address, [SMB] to add a folder on the PC, or [FTP] to add an FTP folder.

The procedure differs depending on the transmission method selected.



#### E-mail Address

Press [Change] of "E-mail Address", enter the E-mail address and press [OK]. The table below explains the items to be entered.



Refer to the Character Entry Method on page 11-11 for details on entering characters.

#### The Folder (SMB) Address

Press [Change] of "Host Name", "Path", "Login User Name" and "Login Password", enter the information for each item and press [OK].

The table below explains the items to be entered.



#### NOTE

For the computer name, share name, domain name, and user name, enter the information that you noted when you created the shared folder. For details on creating shared folders, refer to Preparation for Sending a Document to a PC on page 3-35.

Item	Description	Max. No. of Characters
Host Name*	Computer name	Up to 64 characters
Path	Share name For example: scannerdata If saving in a folder in the shared folder: "share name\folder name in shared folder"	Up to 128 characters
Login User Name	If the computer name and domain name are the same: User Name For example: james.smith If the computer name and domain name are different: Domain name\User name For example: "abcdnet\james.smith"	Up to 64 characters
Login Password	Windows logon password (Case sensitive.)	Up to 64 characters

To specify a port number different from the default (445), enter using the format

To enter the IPv6 address, enclose the address in brackets [].

(Example: [3ae3:9a0:cd05:b1d2:28a:1fc0:a1:10ae]:140)

To search for a folder on a PC on the network, press [Next] of "Search Folder from Network" or "Search Folder by Host Name".

If you selected "Search Folder from Network", you can enter the "Domain/Workgroup", and "Host Name" to search PCs on the network for the destination.

If you pressed "Search Folder by Host Name", you can search all PCs on the network for a destination.

A maximum of 500 addresses can be displayed. Select the host name (PC name) that you want to specify in the screen that appears, and press [Next]. The login user name and login password entry screen appears.



#### **NOTE**

Refer to the Character Entry Method on page 11-11 for details on entering characters. Press [Connection Test] to check the connection to the server you chose. If the connection fails, check the entries you made.

<sup>&</sup>quot;Host name: port number" (Example: SMBhostname:140).

2 Check if the destination entry is correct and press [Save]. The destination is added to the Address Book.

To register the registered address in a one-touch key, press [Yes] in the pop-up screen that appears after [Save] is pressed.

#### NOTE

To register a new One Touch Key, refer to Adding a Destination on One Touch Key (One Touch Key) on page 3-53.

#### The Folder (FTP) Address

Press [Change] of "Host Name", "Path", "Login User Name" and "Login Password", enter the information for each item and press [OK].

The table below explains the items to be entered.

Item	Descriptions	Max. No. of Characters
Host Name*	Host name or IP address of FTP server	Up to 64 characters
Path	Path for the file to be stored For example, "User\ScanData". If no path is entered, the file is stored in the home directory.	Up to 128 characters
Login User Name	FTP server login user name	Up to 64 characters
Login Password	FTP server login password	Up to 64 characters

If you specify a port number other than the default (21), use the "Host name: port number" (Example: FTPhostname:140).

To enter the IPv6 address, enclose the address in brackets []. (Example: [3ae3:9a0:cd05:b1d2:28a:1fc0:a1:10ae]:140)



#### NOTE

- Refer to the Character Entry Method on page 11-11 for details on entering characters.
- Press [Connection Test] to check the connection to the FTP server you chose. If the connection fails, check the entries you made.

#### Group

Compile two or more contacts into a group. Designations in the group can be added at the same time. When adding a group, a maximum of 500 groups can be added in the Address Book.



#### **NOTE**

To add a group, you need individually added destinations. Register one or more individual destinations as needed before proceeding. Up to 100 destinations for the E-mail, 500 destinations for the FAX, and a total of 10 destinations for the FTP and SMB can be registered per group.

### Display the screen.

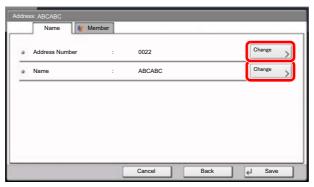
1 Press the [System Menu] key.

### System Menu



2 Press [ ∨ ], [Edit Destination], [Add/Edit] of "Address Book", [Add], [Group]; and then [Next].

### Add the name.



- 1 To specify the "Address Number", press [Change] in Address Number.
- 2 Use [+] / [-] or the numeric keys to enter an address number (1 to 2,500). To have the number assigned automatically, set "0000".

#### **NOTE**

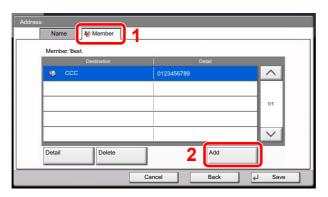
Address Number is an ID for a group. You can select any available number out of 2,000 numbers for contacts and 500 numbers for groups.

If you specify an address number that is already in use, an error message appears when you press [Save] and the number cannot be registered. If you set "0000" as the address number, the address is registered under the lowest available number.

- 3 Press [OK]. The "Add Group" screen reappears.
- 4 Press [Change] of "Name".
- 5 Enter the group name displayed on the Address Book not more than 32 characters and press [OK].

### Select the members (destinations).

1 Press [Member] and then [Add].



Select destinations (contacts) to add to the group.



#### NOTE

Destinations can be sorted or searched by destination name or address number. For details, refer to Specifying Destination on page 5-28.

3 Press [OK].

If you have more destinations to add, repeat Steps 2 to 4.

4 Check if the selected destination was added to the group and press [Save]. Now the group is added to the Address Book.

To register the registered address in a one-touch key, press [Yes] in the pop-up screen that appears after [Save] is pressed.



#### NOTE

To register a new One Touch Key, refer to Adding a Destination on One Touch Key (One Touch Key) on page 3-53.

#### **Editing and Deleting Address Book Entries**

Edit and delete the destinations (contacts) you added to the Address Book.

#### Display the screen.

1 Press the [System Menu] key.

### System Menu



- 2 Press [ ∨ ], [Edit Destination] and then [Add/Edit] of "Address Book".
- 3 Select a destination or group to edit.

### NOTE

Destinations can be sorted or searched by destination name or address number. For details, refer to <a href="Specifying Destination on page 5-28">Specifying Destination on page 5-28</a>.

4 Press [Detail].

The procedure differs depending on the details to be edited.

### Edit or delete a favorite.

#### **Editing a Contact**

- 1 Change "Address Number", "Name" and destination type and address. Refer to <u>Contact on page 3-45</u> for the details.
- 2 After you have completed the changes, press [Save].
- 3 Press [Yes] in the change confirmation screen to register the changed destination.

#### **Editing a Group**

- 1 Change "Address Number" and "Name". Refer to Group on page 3-50 for the details.
- 2 Press [Member].
- **3** To delete any destination from the group, select the destination and press [Delete]. Press [Yes] on the screen to confirm the deletion.

To add the destination, press [Add].

- 4 After you have completed the changes, press [Save].
- **5** Press [Yes] in the change confirmation screen to register the changed group.

#### **Deleting a Contact or Group**

Press [Delete]. Press [Yes] on the screen to confirm the deletion.

## **Adding a Destination on One Touch Key (One Touch Key)**

One Touch Key Add a new destination (contact or group). A maximum of 1,000 destinations can be registered.



- Refer to <u>Specifying Destination on page 5-28</u> for use of One Touch Key.
- You can add One Touch keys and change their settings on Embedded Web Server RX.

Registering Destinations (page 2-40)

### Display the screen.

1 Press the [System Menu] key.

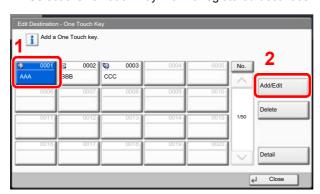
System Menu



2 Press in the following sequence: [ ∨ ], [Edit Destination], and then [Add/Edit] in "One Touch Key".

### Add One Touch Keys.

1 Select a One Touch Key number (0001 to 1000) for the destination, and press [Add/Edit]. Pressing [Quick No. Search] key or [No.] enables direct entry of a One Touch Key number. Select a One Touch Key with no registered destination.



- 2 Press [Change] of "Display Name".
- 3 Enter the One Touch Key name (up to 24 characters) displayed in the send base screen, and press [OK].

### NOTE

Refer to the <u>Character Entry Method on page 11-11</u> for details on entering characters.

- Press [Change] of "Destination". The address book appears.
- 5 Select a destination (contact or group) to add to the One Touch Key number, and press [OK]. Pressing [Detail] shows the detailed information of the selected destination.

### NOTE

Destinations can be sorted or searched by destination name or address number. For details, refer to Specifying Destination on page 5-28.

6 Press [Save].

The destination will be added to the One Touch Key.

#### **Editing and Deleting One Touch Key**

Edit/delete the destinations you added to One Touch Key.

#### Display the screen.

1 Press the [System Menu] key.

### System Menu



- 2 Press [ ∨ ], [Edit Destination] and then [Add/Edit] of "One Touch Key".
- 3 Select a One Touch Key number (0001 to 1000) for the destination. Pressing [Quick No. Search] key or [No.] enables direct entry of a One Touch Key number. The procedure differs depending on the details to be edited.

### Edit and delete the destinations you added to One Touch Key.

#### **Changing the Registered Information**

- 1 Press [Add/Edit].
- 2 Select a new destination (Contact or group). Pressing [Detail] shows the detailed information of the selected destination.



Destinations can be sorted or searched by destination name or address number. For details, refer to Specifying Destination on page 5-28.

- 3 Press [OK].
- 4 Press [Yes] on the screen to add the destination to the One Touch Key.

#### **Deleting the Registered Information**

- 1 Press [Delete].
- Press [Yes] on the screen to confirm the deletion of the data registered in the One Touch Key.

# 4 Printing from PC

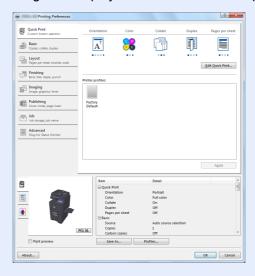
#### This chapter explains the following topics:

# **Printing from PC**

Follow the steps below to print documents from applications.

### **NOTE**

- To print the document from applications, install the printer driver on your computer from the supplied DVD (Product Library).
- In some environments, the current settings are displayed at the bottom of the printer driver.



 When printing the cardstock or envelopes, load the cardstock or envelopes before performing the following procedure.

(Refer to When you load envelopes or cardstock in the multi purpose tray on page 3-28.)

### Display the screen.

Click [File] and select [Print] in the application.

### Configure the settings.

1 Select the machine from the "Name" menu and click the [Properties] button.



- 2 Select the [Basic] tab.
- 3 Click "Print size" menu and select the paper size to use for printing.

To load the paper of size that is not included in print sizes of the machine such as cardstock or envelopes, the paper size needs to be registered.



Registering the Original Size (page 4-3)

To print on the special paper such as thick paper or transparency, click "Media type" menu and select the media type.

When a document length from 470.1 mm (18.51") to a maximum of 1220.0 mm (48") is specified for printing, the print job is treated as banner printing.



Banner printing (page 4-7)



4 Click OK button to return to the Print dialog box.

### Start printing.

Click the [OK] button.

#### Registering the Original Size

If you loaded a paper size that is not included in the print sizes of the machine, register the paper size in the [Basic] tab of the print settings screen of the printer driver.

The registered size can be selected from the "Print size" menu.



#### NOTE

To execute printing at the machine, set the paper size and type in Specifying Paper Size and Media Type for the Cassettes on page 3-30.

### Display the print settings screen.

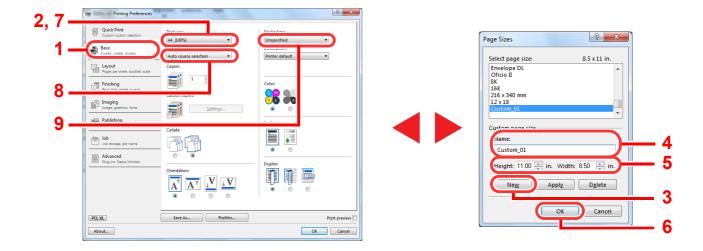
### Register the paper size.

- 1 Click the [Basic] tab.
- 2 Select [Custom] in the "Print size" menu.
- 3 Click the [New] button.
- 4 Enter the name of the paper.

5 Enter the paper size.

When a document length from 470.1 mm (18.51") to a maximum of 1220.0 mm (48") is specified for printing, refer to <a href="Banner printing">Banner printing on page 4-7</a>.

- 6 Click the [OK] button.
- 7 In the "Print size" menu, select the paper size (name) that you registered in steps 4 to 7.
- 8 Click [MP tray] in the "Source" menu.
- 9 Select the type of paper in the "Media type" menu.



### NOTE

- If you loaded a postcard or envelope, select [Cardstock] or [Envelope] in the "Media type" menu.
- To select the 4,000-sheet Finisher tray or 1,000-sheet Finisher tray for the output tray when printing envelopes, select the following:

#### 4,000-sheet Finisher

Print paper size	Output tray	
Envelopes other than Envelope C4	Tray C (facedown)	
Envelope C4	Tray B (facedown)	

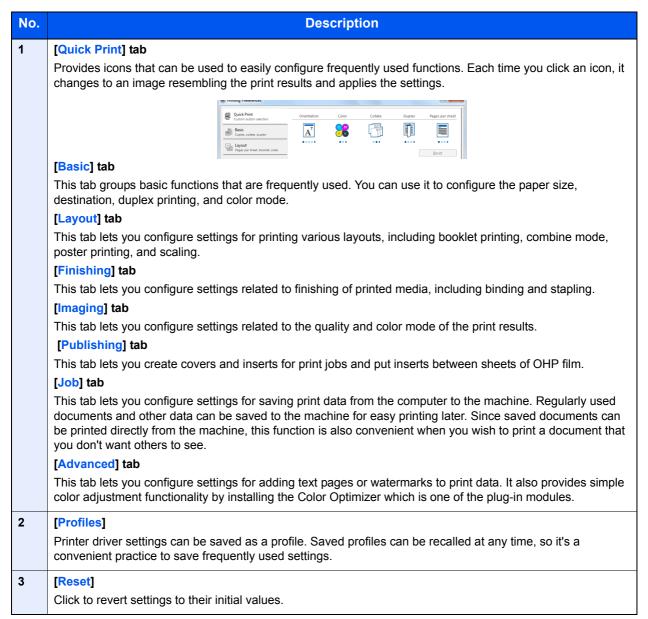
#### 1,000-sheet Finisher

Print paper size	Output tray	
All envelopes	Finisher Top Tray (facedown)	

# **Printer driver print settings screen**

The printer driver print settings screen allows you to configure a variety of print-related settings. For more information, refer to the **Printing System Driver User Guide** on the DVD.





## **Printer Driver Help**

The printer driver includes Help. To learn about print settings, open the printer driver print settings screen and display Help as explained below.



- Click the [?] button in the upper right corner of the screen and then click the item you want to know about.
- Click the item you want to know about and press the [F1] key on your keyboard.

## Changing the default printer driver settings (Windows 7)

The default printer driver settings can be changed. By selecting frequently used settings, you can omit steps when printing. For the settings, refer to **Printing System Driver User Guide**.

The following procedure is an example of setting the color mode default to [Black].

- 1 Click [Start] button on the Windows, and then click [Devices and Printers].
- 2 Right-click the printer driver icon of the machine, and click the [Printer properties] menu of the printer driver.
- 3 Click the [Basic] button on the [General] tab.
- 4 Click the [Basic] tab.
- 5 Set "Color" to [Black] and click [OK].

## **Canceling printing from a computer**

To cancel a print job executed using the printer driver before the printer begins printing, do the following:



When canceling printing from this machine, refer to Canceling Jobs on page 5-19.

- 1 Double-click the printer icon ( ) displayed on the taskbar at the bottom right of the Windows desktop to display a dialog box for the printer.
- 2 Click the file for which you wish to cancel printing and select [Cancel] from the "Document" menu.

# **Banner printing**

When a document length from 470.1 mm (18.51") to a maximum of 1220.0 mm (48") is specified for printing, the print job is treated as banner printing.

Max. number of sheets	1 sheet (manual feed), 10 sheets (when optional banner tray is attached*)
Paper width	210 to 304.8 mm (8.26" to 12")
Paper length	Max. 1220 mm (48")
Paper weight	136 to 163 g/m <sup>2</sup>
Media type	Heavy 2

When the banner tray (option) is used, up to 10 sheets of banner paper can be fed continuously. (Refer to <u>Using the Banner Tray (Option) on page 4-10.</u>)

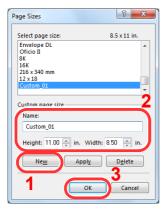
Follow the steps below to set banner paper in the printer driver.

### **1** Display the screen for registering the original size.



- 1 Click the [Basic] tab.
- 2 Select [Custom] in the "Print size" menu.

### 2 Register the original size.



- 1 Click the [New] button.
- 2 Enter the name, length (470.1 mm (18.51") or longer), and width of the custom paper size being registered.
- 3 Click the [OK] button.

### Setting the print paper size.

1 Select the custom paper size that you registered in the "Print size" menu.



2 Click the [OK] button.



When KPDL is used for "PDL" Settings of the printer driver, a length setting of 470.5 mm (18.53") or longer is handled as banner print.

When you execute printing in this case, a message appears on the machine's operation panel. Place the paper in the multipurpose tray, continue to support it so that it does not fall, and press [Continue]. To cancel printing, press [Cancel].

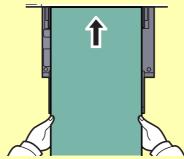


### **IMPORTANT**

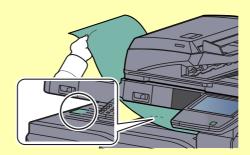
If an output tray that cannot be used for banner printing such as Mailbox (option) is selected in the printer driver, the output tray automatically changes to a tray that can be used.

To print on multiple sheets using the multi purpose tray, place each sheet after the previous sheet is printed, and press [Continue].

After pressing [Continue], support the paper with both hands so that it feeds in correctly.



After printing starts, catch the paper when it is output so that it does not fall. When using the inner tray as the output location, do not stand up the stopper.



#### **Using the Banner Tray (Option)**

When the banner tray (option) is used, up to 10 sheets of banner paper can be fed continuously.

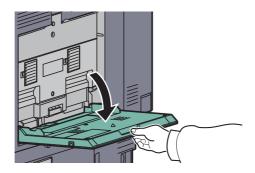


The paper length supported in banner tray is 900 to 1220 mm.

### Open the multi purpose tray.

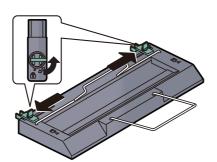
Open the multi purpose tray until it stops.

Do not extend the multi purpose auxiliary tray.

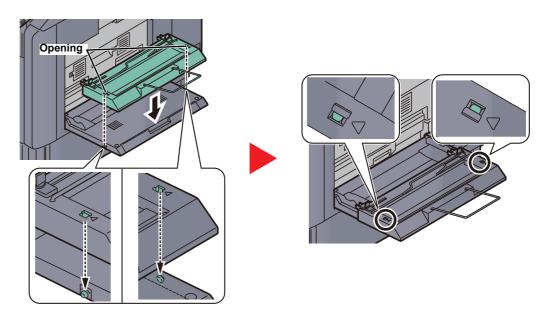


### Attach the banner tray.

1 Release the paper width guide lock on the banner tray and open to the maximum width.



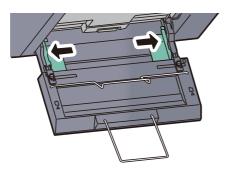
2 Attach the banner tray to the multi purpose tray.



Fit the openings on the sides of the banner tray onto the tabs on the sides of the multi purpose tray, and press into place.

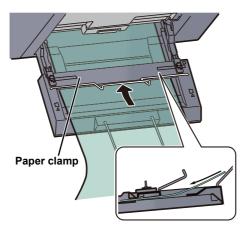
### 3 Load paper.

1 Open the paper width guides on the multi purpose tray to the maximum width.

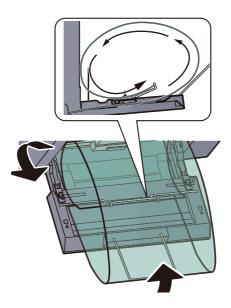


Make sure that the banner tray is attached so that the paper width guides on the banner tray are outside the paper width guides on the multi purpose tray.

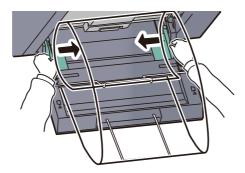
2 Load banner paper so that it passes under the paper clamp bar.



3 Loop the banner paper back and place the end on the paper support.



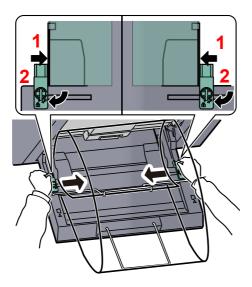
4 Adjust the paper width guides to the width of the paper.



#### **◯** IMPORTANT

If there is a gap between the paper and the paper width guides, readjust the guides to fit the paper in order to prevent skewed feeding and paper jams.

5 Adjust the paper width guides on the banner tray to the same width as the paper width guides on the multi purpose tray and lock.





### **⊘** IMPORTANT

Remove the paper when banner printing finishes, or when you are not using the banner tray.



The print confirmation screen can be set in System Menu to not appear when the banner tray is attached. This will allow continuous printing on multiple sheets. (Refer to Message Banner Print on page 8-25.)

# **Printing Data Saved on the Printer**

If you configure settings in the [Job] tab of the printer driver and then print, the print job will be saved in the Job Box (memory) and printing can be executed at the machine.

### **Private Print/Stored Job**

Private Print/Stored Job Box stores the print data which is printed by using the printer driver as a Private Print/Stored Job. Refer to the **Printing System Driver User Guide** on how to print a job as Private Print or Stored Job using the printer driver.

#### **Printing and Deleting the Document**

Print/delete the documents stored in a Private Print/Stored Job box.

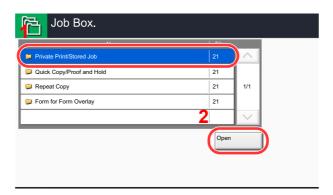
The procedure is as follows.

### Display the screen.

1 Press [Job Box] in the home screen.



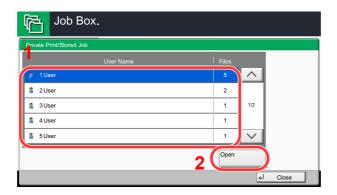
2 Select [Private Print/Stored Job] and press [Open].



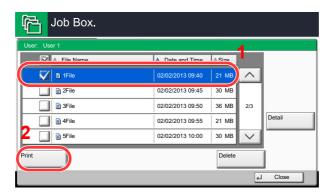
### Print and delete the document.

#### Printing the document

1 Select the creator of the document and press [Open].



2 Select the document to print and press [Print].



### **NOTE**

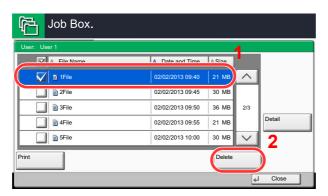
If the document is protected by an access code, the password entry screen will be displayed. Enter the password using the numeric keys.

- 3 Specify the number of copies to print as desired.
- 4 Press [Start Print].

Printing starts.

Upon completion of printing, the Private Print job is automatically deleted.

#### **Deleting the document**



Select the document to delete and press [Delete].



### NOTE

If the document is protected by an access code, the password entry screen will be displayed. Enter the password using the numeric keys.

2 Press [Yes] in the confirmation screen.

# **Quick Copy/Proof and Hold**

Quick Copy/Proof and Hold box stores the print data which is printed by using the printer driver as a Quick Copy or Proof and Hold Print job. Refer to the Printing System Driver User Guide on how to print a job as Quick Copy or Proof and Hold Print job using the printer driver.



#### NOTE

To maintain free space on the hard disk, you can set the maximum number of stored jobs. For details, refer to Quick Copy Job Retention on page 8-34.

#### **Printing and Deleting the Document**

You can print/delete the documents stored in the Quick Copy/Proof and Hold box.

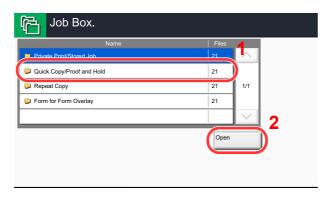
The procedure is as follows.

### Display the screen.

1 Press [Job Box] in the home screen.



2 Select [Quick Copy/Proof and Hold].

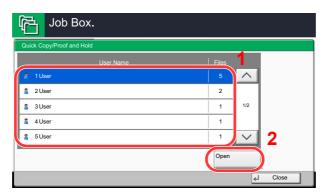


3 Press [Open].

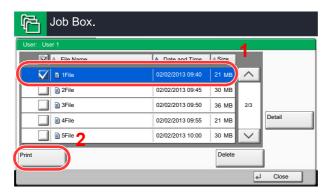
### Print and delete the document.

#### **Printing the document**

1 Select the creator of the document and press [Open].



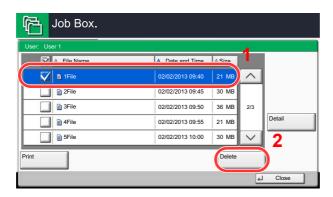
2 Select the document to print and press [Print].



- 3 Specify the number of copies to print as desired.
- 4 Press [Start Print].
  Printing starts.

#### **Deleting the document**

1 Select the document to delete and press [Delete].



**2** Press [Yes] in the confirmation screen.

The document is deleted.

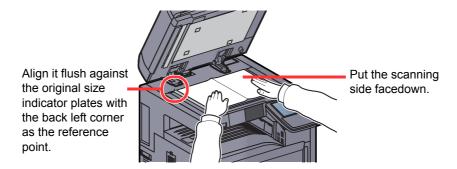
# **5** Operation on the Machine

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# **Loading Originals**

## **Placing Originals on the Platen**

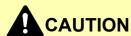
You may place books or magazines on the platen in addition to ordinary sheet originals.





#### **NOTE**

For details on Original Orientation, refer to Original Orientation on page 6-16.



Do not leave the platen cover or the optional document processor open as there is a danger of personal injury.

#### **IMPORTANT**

Do not push the platen cover or the optional document processor forcefully when you close it. Excessive pressure may crack the platen glass.

When placing books or magazines on the machine, do so with the platen cover or the optional document processor in the open position.

# **Loading Originals in the Document Processor**

The optional document processor automatically scans each sheet of multiple originals. Both sides of two-sided originals are scanned.

#### **Originals Supported by the Document Processor**

The document processor supports the following types of originals.

Detail	Document Processor (Automatic 2-Sided)	Document Processor (Dual scan DP)
Weight	45 to 160 g/m <sup>2</sup> (duplex: 50 to120 g/m <sup>2</sup> )	35 to 220 g/m <sup>2</sup> (duplex: 50 to 220 g/m <sup>2</sup> ) Sizes smaller than B6-R are 50 to 105 g/m <sup>2</sup> (one-side/duplex)
Sizes	Maximum A3 to Minimum A5-R Maximum Ledger to Minimum Statement-R	Maximum A3 to Minimum A6-R Maximum Ledger to Minimum Statement-R
No. of sheets	Plain paper (80 g/m²), Colored paper, Recycled paper, High Quality: 100 sheets (Mixed size originals: 30 sheets) Thick paper (157 g/m²): 50 sheets Thick paper (120 g/m²): 66 sheets Art paper: 1 sheet	Plain paper (80 g/m²), Colored paper, Recycled paper, High Quality: 175 sheets (Mixed size originals: 30 sheets) Thick paper (157 g/m²): 89 sheets Thick paper (120 g/m²): 116 sheets Art paper: 1 sheet

#### **Originals Not Supported by the Document Processor**

Do not use the document processor for the following types of originals.

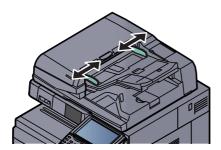
- Soft originals such as vinyl sheets
- Transparencies such as OHP film
- Carbon paper
- Originals with very slippery surfaces
- Originals with adhesive tape or glue
- Wet originals
- Originals with correction fluid which is not dried
- Irregularly shaped (non-rectangular) originals
- Originals with cut-out sections
- Crumpled paper
- Originals with folds (Straighten the folds before loading. Failure to do so may cause the originals to jam.)
- Originals bound with clips or staples (Remove the clips or staples and straighten curls, wrinkles or creases before loading. Failure to do so may cause the originals to jam.)

#### **How to Load Originals**

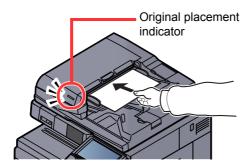
#### **IMPORTANT**

- · Before loading originals, be sure that there are no originals left on the original eject table. Originals left on the original eject table may cause the new originals to jam.
- Do not make an impact on the document processor top cover, such as aligning the originals on the top cover. It may cause an error in the document processor.

### Adjust the original width guides.



### Place the originals.



Put the side to be scanned (or the first side of two-sided originals) face-up. Slide the leading edge into the document processor as far as it will go. The original loaded indicator lights when the original is placed correctly.

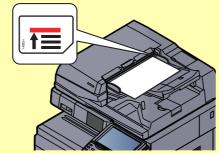


#### NOTE

For details on Original Orientation, refer to Original Orientation on page 6-16.

#### **◯** IMPORTANT

Confirm that the original width guides exactly fit the originals. If there is a gap, readjust the original width guides. The gap may cause the originals to jam.

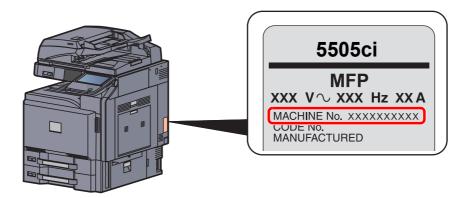


Ensure that loaded originals do not exceed the level indicator. Exceeding the maximum level may cause the originals to jam.

Originals with punched holes or perforated lines should be placed in such a way that the holes or perforations will be scanned last (not first).

# **Checking the Equipment's Serial Number**

The equipment's serial number is printed in the location shown in the figure.





You'll need the equipment's serial number when contacting your Service Representative. Please check the number before contacting your Service Representative.

# **Program**

By registering sets of frequently used functions as a single program, you can simply press the program number as needed to recall those functions. You can also name the programs for easy identification when recalling.

The programs below have been preregistered. The registered contents can be re-registered for easier use in your environment.

Number	Program name	Description	Default Registration
01	ID Card Copy	Use this when you want to copy a driver's license or an insurance card. When you scan the front and back of the card, both sides will be combined and copied onto a single sheet.	Copying Functions Color: Black & White Combine: [2 in 1] Continuous Scan: [On] Original Size: A5-R Paper Selection: Cassette 1 Zoom: Auto Zoom
02	Eco Copy	Use this to save toner consumption when printing. This changes color printing to black & white with lighter density, so that the toner consumption can be reduced.	Copying Functions Color: Black & White EcoPrint: [On] (Level [5])
03	Newspaper Copy  A	Use this when you want to copy a newspaper article, or other originals printed on a colored substrate.  This adjusts the image quality so that the color of the substrate or the text on the reverse side will not show on the copy.	Copying Functions Color: Black & White Prevent Bleed-thru: [On] Background Density Adj.: [Auto]
04	Technical Drawing Copy  195.3 as \$\frac{1}{2}\$  216.8 as \$\frac{1}{2}\$  227.4 as \$\frac{1}{2}\$  227.4 as \$\frac{1}{2}\$	Use this when you want to copy a drawing that contains shapes drawn with lines, and graphics. Use this also when you want to copy colored lines in black & white.	Copying Functions Color: Black & White Original Image: [Text] Sharpness (All): [+3] Background Density Adj.: [Auto]
05	Confidential Stamp  A Gonfidential Gonfident	Use this to show a translucent text "Confidential" on the center of the document.	Copying Functions Color: Black & White Prevent Bleed-thru: [On] Stamp: Confidential Font Size: middle Font Color: [Black] Stamp Position: [Center] Display Pattern: [Transparent]

Number	Program name	Description	Default Registration
06	long-life technology is ut and multifunctonal produ of the disposal of interch value is realized by utilizi	Use this when you want to clearly print out the color of text and lines written/drawn by a highlighter pen, which are normally difficult to copy.	Copying Functions Color: Full Color Original Image: Text+Photo [Book /Magazine] Highlighter: On
07	Vivid Copy	Use this when you want to make a copy with an overall vivid appearance.	Copying Functions Color: Full Color Original Image: Text+Photo [Book /Magazine] One-touch Image Adjust: [Vivid]



Up to 50 functions combining copying and sending can be registered in the program.

If user login administration is enabled, you can only register functions by logging in with administrator privileges.

# **Registering Programs**

Use the procedure below to register a program.

The following procedure is an example of registering the copying function.

#### Display the screen.

1 Press [Copy] on the Home screen.



2 Press the [Program] tab while the copy mode is accessed.

### Register the program.

1 Press [Add] and press a number (01 to 50) for the program number.



If you select a program number already registered, the currently registered functions can be replaced with a new set of functions.

- 2 Press [Next].
- 3 Enter the new program name and press [Save].

The program is registered.

To display a registered program on the Home screen, press [Yes] on the confirmation screen that appears, proceed to step 2-4.

- 4 Specify the position in which you want to display the icon of registered program.
- 5 Press [Save].

# **Recalling Programs**

Use the procedure below to recall a registered program.

## Recall the program.

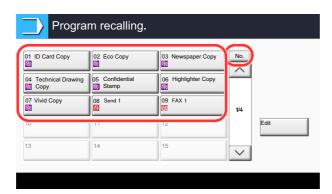
1 Press [Program] in the Home screen, or the key of the registered program.



Pressing the key of the registered program will recall the program. If you pressed [Program], proceed to step 1-2.

2 Press the key for the program number you want to recall.

Press the [Quick No. Search] key or [No.] to enter the program number (01 to 50) directly for recalling.



# NOTE

If the program cannot be recalled, the Document Box or the form overlay specified in the program might have been deleted. Check the Document Box.

### **Execute the program.**

Place the originals and press the [Start] key.



[Program] can be pressed in each function to call up the program registered for the function.



# **Editing and Deleting Programs**

You can change program number and program name, or delete program.

Use the procedure below to edit or delete a program.



To modify the settings of a registered program, recall the program you want to change, change its settings, then refer to Registering Programs on page 5-8 to re-register the changed program.

#### Display the screen.

1 Press [Program] on the Home screen.



2 Press [Edit].

## 2 Edit the program.

#### To edit a program

- 1 Press the key(s) corresponding to the program number (01 to 50) to change.
- **2** Press [Edit], and refer to Registering Programs on page 5-8 to change the program number and program name.
- 3 Press [Save].
- 4 Press [Yes] in the confirmation screen.

#### To delete

- 1 Press the key(s) corresponding to the program number (01 to 50) to delete.
- 2 Press [Delete].
- 3 Press [Yes] in the confirmation screen.

# **Application**

The functionality of the machine can be expanded by installing applications.

Applications that help you perform your daily more efficiently such as a scan feature and an authentication feature are available.

For details, consult your sales representative or dealer.



For application settings, refer to Application on page 8-60.

# **Installing Applications**

The procedure is as follows.

#### Display the screen.

1 Press the [System Menu] key.

## System Menu



2 Press [∨] and then [Application].



#### **NOTE**

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

### Install the application.

- 1 Press [Add].
- 2 Insert the removable memory containing the application to be installed into the USB Port (A1).

#### NOTE

When the message "Removable Memory was recognized. Displaying files. Are you sure?" is displayed, press [No].

3 Select the application to be installed and press [Install]. You can view detailed information on the selected application by pressing [Detail].

4 Press [Yes] in the confirmation screen.

Installation of the application begins. Depending on the application being installed, the installation may take some time.

Once the installation ends, the original screen reappears.



#### NOTE

To install another application, repeat steps 2-3 and 2-4.

To remove the removable memory, press [Remove Memory] and wait until the message "Removable Memory can be safely removed." appears. Then remove the removable memory.

# **Activating/Deactivating Application**

The procedure is as follows.

## Display the screen.

1 Press the [System Menu] key.

# System Menu



2 Press [∨] and then [Application].



If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

### Activate/Deactivate the application.

1 Select the desired application and press [Activate].

You can view detailed information on the selected application by pressing [Detail].

## **NOTE**

To exit the application, press [Deactivate].

2 Enter the license key and press [Official].

Some applications do not require you to enter a license key. If the license key entry screen does not appear, go to step 2-3. To use the application as a trial, press [Trial] without entering the license key.

3 Press [Yes] in the confirmation screen.

### NOTE

- If you change the date/time while using the trial version of an application, you will no longer be able to use the application.
- · Icons of activated application are displayed in the Home screen.

# 3 Press the application icon in the Home screen to activate the application.

Press the application icon.

The application will start up.

# NOTE

To exit the application, press [x].

When the application exit confirmation screen appears, press [Yes].

The procedure for exiting some applications may differ.

# **Deleting Applications**

The procedure is as follows.

#### ■ NOTE

Be sure to set [Deactivate] for the application you want to delete.



Registering Programs on page 5-8

#### Display the screen.

1 Press the [System Menu] key.

## System Menu



2 Press [∨] and then [Application].



#### NOTE

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

# Delete the application.

- 1 Select the application you want to delete, and press [Delete]. You can view detailed information on the selected application by pressing [Detail].
- When the deletion confirmation screen appears, press [Yes].

# **Registering Shortcuts** (Copy, Send, and Document Box Settings)

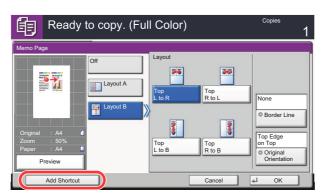
You can register shortcuts in the Quick Setup screen for easy access to the frequently used functions. The settings for the selected function can also be registered. A function name linked to a registered shortcut can be changed as necessary. You can register up to 6 shortcuts for copying functions, sending functions, and functions set for document box.

# **Adding Shortcuts**

Shortcut registration is performed in the setup screen of each function. Shortcuts can be registered for all functions in which [Add Shortcut] appears on the screen.

Use the procedure below to register a shortcut.

- In each function, display the configuration screen you want to register.
- Register the shortcuts.
  - Select the setting you want to add.
  - 2 Press [Add Shortcut].



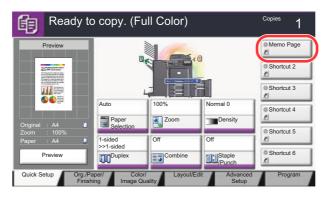
3 Press the keys corresponding to the shortcut number (01 to 06) to register.



#### NOTE

If you select a shortcut number already registered, the currently registered shortcut can be replaced with a new one.

4 Enter the shortcut name and press [Save].



The shortcut is registered.

# **Editing and Deleting Shortcuts**

Follow the steps shown below to change a shortcut number/name or delete a shortcut.

# In the setup screen of each function, press [Add Shortcut] in the bottom of the screen.

## **2** Edit the shortcut.

- 1 Press [Edit].
- 2 Press the shortcut key you want to edit/delete.

#### To edit a shortcut

- 3 Press [Change] of "Shortcut No." or "Shortcut Name".
- 4 Change the settings, and press [OK].
- 5 Press [Save].

#### To delete

- 3 Press [Delete this Shortcut].
- 4 Press [Yes] in the confirmation screen.

# **Using the Internet Browser**

If the machine is connected to the network, you can browse the Internet on the touch panel.



To use the internet browser, "Internet Browser Setting" must be set to [On] in Internet on page 8-60.

# **Launching and Exiting the Browser**

Use the procedure below to launch and exit the Internet browser.

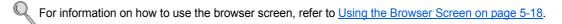
#### Display the screen.

1 Press [Internet Browser] on the Home screen.



The Internet browser starts up.

2 Use the browser screen to browse web pages.



3 To exit the browser, press [X] (Close) and then press [Yes] in the exit confirmation screen.

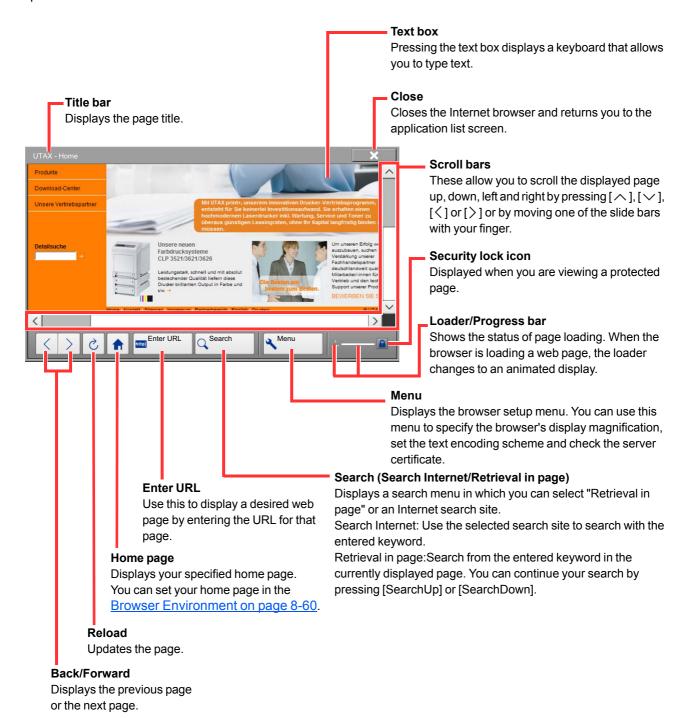


#### NOTE

You can specify preferences such as the way the Internet browser screen is displayed. For details, refer to Browser Environment on page 8-60.

# **Using the Browser Screen**

The operations available in the Internet browser screen are shown below.





#### NOTE

Pressing the [Reset] key while the Internet browser is displayed will exit the browser and return you to the application list screen without displaying the browser exit.

# **Canceling Jobs**

Follow the steps below to cancel any print or send job being executed.

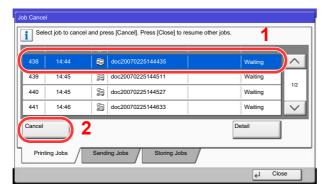
# **Canceling Jobs**

You can also cancel jobs by pressing the [Stop] key.

#### **Printing jobs**

- 1 Press the [Stop] key with the copy screen or send screen displayed.

  Cancelling job screen appears. The current print job is temporarily interrupted.
- **2** To cancel printing, select [Cancel], and then press [Yes] in the confirmation screen.



#### Sending jobs

1 Press the [Stop] key with the copy screen or send screen displayed.

Job Cancel appears.



Pressing the [Stop] key will not temporarily stop a job that you have already started sending.

**2** To cancel printing, select [Cancel], and then press [Yes] in the confirmation screen.



# **Canceling printing from a computer**

To cancel a print job executed using the printer driver before the printer begins printing, do the following:

- 1 Double-click the printer icon ( 📻 ) displayed on the taskbar at the bottom right of the Windows desktop to display a dialog box for the printer.
- 2 Click the file for which you wish to cancel printing and select [Cancel] from the "Document" menu.

# **Copying**

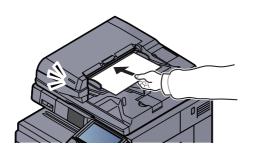
# **Basic Operation**

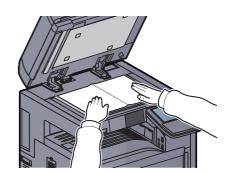
Follow the steps as below for basic copying.

## Press [Copy] on the Home screen.



# Place the originals.





**NOTE** 

For loading instructions, refer to <u>Loading Originals on page 5-2</u>.

# Select the color mode.

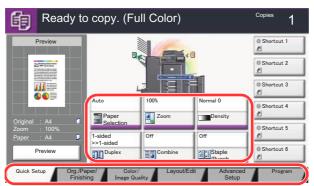


Auto Color	Automatically recognizes whether a document is color or black & white and then scans the document.
Full Color	Scans all documents in full color.
Black & White	Scans all documents in black & white.



To make more detailed settings, refer to Color Selection on page 6-24.

### Select the functions.



Select the copier functions to use.

Press tabs to display other functions.

Copy (page 6-2)

5 Use the numeric keys to enter the copy quantity.

Specify the desired number up to 999.

6 Press the [Start] key.

Copying begins.

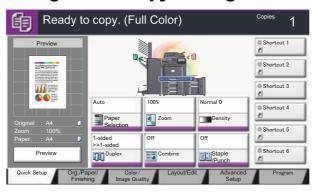
## **Reserve Next**

This function allows you to reserve the next job during printing. Using this function, the original will be scanned while the machine is printing. When the current print job ends, the reserved copy job is printed. The procedure differs depending on the Reserve Next Priority (refer to Reserve Next Priority on page 8-29).

#### If "Reserve Next Priority" is set to [On]

The Copy function default screen appears on the touch panel during printing.

1 Place the originals onto the machine for reserving copy, and configure the copy settings.



### Press the [Start] key.

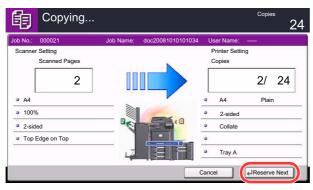
The machine starts scanning the originals.

When the current print job ends, the reserved copy job is printed.

#### If "Reserve Next Priority" is set to [Off]

The Copying screen appears on the touch panel during printing.

# Press [Reserve Next].



The default screen for copying appears.

# Place the originals onto the machine for reserving copy, and configure the copy settings.

# 3 Press the [Start] key.

The machine starts scanning the originals.

When the current print job ends, the reserved copy job is printed.

# **Interrupt Copy**

This function allows you to pause the current jobs in progress when you need to make copies immediately.

When the interruption copy ends, the machine resumes the paused print jobs.



 If the machine is left unused for 60 seconds in interrupt copy mode, interrupt copying is automatically cancelled and printing resumes.

You can change the delay until interrupt copying is canceled. Change the delay as required.



Interrupt Clear Timer (page 8-55)

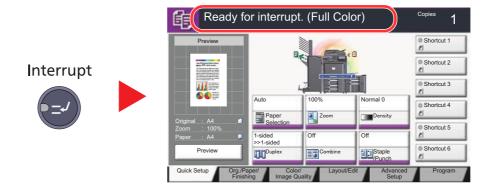
· The interrupt copy function may be unavailable depending on the status of document finisher usage. In this case, try the priority override.



Priority Override (page 6-61)

#### Configure the settings.

1 Press the [Interrupt] key.



The current print job is temporarily interrupted.

2 Place the originals onto the machine for interrupt copy, and configure the copy settings.

# Press the [Start] key.

Interrupt copying begins.

# When interrupt copying ends, press the [Interrupt] key.

The machine resumes the paused print jobs.

# **Sending**

This machine can send a scanned image as an attachment of an E-mail message or to a PC linked to the network. In order to do this, it is necessary to register the sender and destination (recipient) address on the network.

A network environment which enables the machine to connect to a mail server is required in order to send E-mail. It is recommended that a Local Area Network (LAN) be used to assist with transmission speed and security issues.

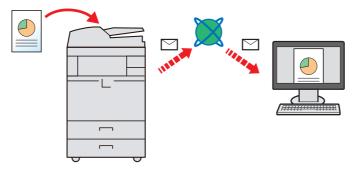
At the same time as you send a scanned image, you can also print the image or send it to the Job Box.

To use the transmission function, verify the following:

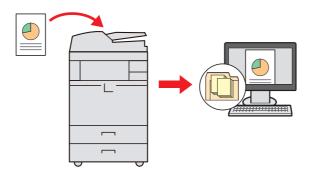
- Program the settings, including the E-mail setting on the machine.
- Use Embedded Web Server RX (the internal HTML web page) to register the IP address, the host name of the SMTP server, and the recipient.
- Register the destination in the Address Book or One Touch keys.
- Create a share folder in the destination computer, when a folder (SMB/FTP) is selected as the destination. Consult your network administrator concerning destination folder sharing settings.
- Create/Register a Custom Box (Using a custom box for sending).
- Select detailed transmission settings (to select a Document Box as the destination or to print and send the image at the same time).

Follow the steps below for basic sending. The following five options are available.

Send as E-mail (E-mail Addr Entry): Sends a scanned original image as an E-mail attachment. (Refer to page 5-31.)



- Send to Folder (SMB): Stores a scanned original image in a shared folder of any PC. (Refer to page 5-34.)
- Send to Folder (FTP): Stores a scanned original image in a folder of an FTP server. (Refer to page 5-35.)



- Send to Custom Box: Sends a document stored in a document box on this machine. (Refer to page 5-59.)
- Image Data Scanning with TWAIN / WIA: Scan the document using a TWAIN or WIA compatible application program. (Refer to page 5-43.)

#### 

Different sending options can be specified in combination. Refer to Sending to Different Types of Destinations (Multi Sending) on page 5-38.

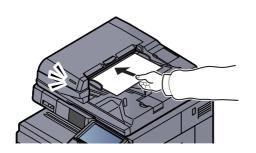
The fax function can be used when the optional fax kit has been installed. For details about this function, refer to the **FAX Operation Guide.** 

# **Basic Operation**

Press [Send] on the Home screen.



# Place the originals.





Loading Originals (page 5-2)

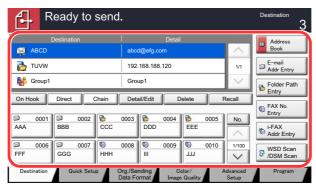
# 3 Select the color mode.



Auto Color	Automatically recognizes whether a document is color or black & white and then scans the document.
Full Color	Scans all documents in full color.
Black & White	Scans all documents in black & white.

To make more detailed settings, refer to Color Selection on page 6-24.

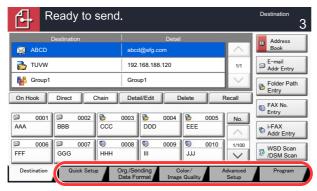
## Specify the destination.



Select the destination to which to send an image.

Specifying Destination (page 5-28)

# 5 Select the functions.



Press tabs to display other functions.

Send (page 6-4)

# 6 Press the [Start] key.

Sending starts.

# **Specifying Destination**

Select the destination using either of the following methods:

- · Choosing from the Address Book (page 5-28)
- Choosing from the One Touch Key (page 5-30)
- · Choosing from the Speed Dial (page 5-31)
- Entering a New E-mail Address (page 5-31)
- Specifying a New PC Folder (page 5-33)

#### NOTE

You can set the machine up so that the address book screen appears when you press the [Send] key. For details, refer to Default Screen on page 8-9.

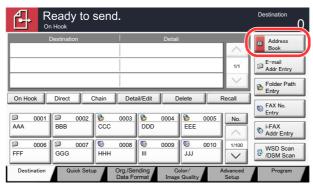
When the optional fax kit has been installed, you can specify the fax destination. Enter the other party number using the numeric keypad.

#### Choosing from the Address Book

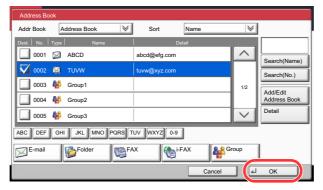
Select a destination registered in the Address Book.

For more information about how to register destinations in the Address Book, refer to Registering Destinations in the Address Book on page 3-45.

### In the basic screen for sending, press [Address Book].



# Select the destinations.



Press the checkbox to select the desired destination from the list. You may choose multiple destinations. The selected destinations are indicated by a checkmark in the check box. To use an address book on the LDAP server, select [Ext Address Book] from the "Addr Book" pulldown menu.

You can change the order in which the destinations are listed by selecting [Name] or [No.] from the "Sort".



To deselect, press the checkbox again and remove the checkmark.

For details on the External Address Book, refer to Embedded Web Server RX User Guide.

#### **Destination Search**

Destinations registered in the Address Book can be searched. Advanced search by type or by initial letter is also available.



Keys used	Search type	Subjects searched
1	Search by name	Search by registered name.
2	Search by number	Search by registered address number.
3	Advanced search by initial letter	Advanced search by initial letter of registered name.
4	Advanced search by destination	Advanced search by type of registered destination (E-mail, Folder (SMB/FTP), FAX, i-FAX or Group). (FAX: Only when the optional fax kit is installed. i-FAX: Only when the optional Internet FAX Kit is installed.)
		You can set this function up so that destination types are selected when the address book is displayed. For details, refer to Narrow Down on page 8-53.

The procedures for using the different search modes are explained below.

#### Search by name

Press [Search(Name)] and enter the required name.

#### Search by number

Press [Search(No.)] and enter the address number you wish to search.

#### Advanced search by destination

Press any of [E-mail], [Folder], [FAX], [i-FAX] or [Group]. The destinations registered by that type are displayed.

#### Advanced search by initial letter

Press the key for the required initial letter.

## Accept the destination, and press [OK].



# NOTE

To delete the destination, select the destination you want to delete and press [Delete].

You can set the default "Sort" settings. For details, refer to Sort on page 8-53.

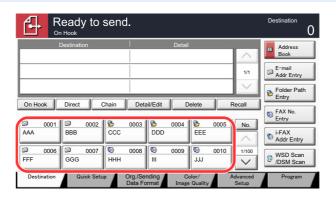
#### **Choosing from the One Touch Key**

Select the destination using the One Touch Keys.

In the basic screen for sending, press the One Touch Keys where the destination is registered.

# NOTE

If the One Touch Keys for the desired destination is hidden on the touch panel, press [ $\checkmark$ ] or [ $\land$ ] to scroll and view next or previous One Touch Keys. This procedure assumes that One Touch Keys have already been registered. Refer to Adding a Destination on One Touch Key (One Touch Key) on page 3-53 for more information on adding One Touch keys.



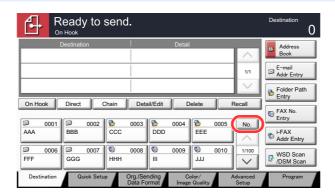
#### **Choosing from the Speed Dial**

Access the destination by specifying the 4-digit (0001 to 1000) One Touch Key number (speed dial).

In the basic screen for sending, press the [Quick No. Search] key or [No.] and use the numeric keys to enter the One Touch key number in the numeric entry screen.



if you entered the speed dial in 1 to 3-digit, press [OK].



#### **Entering a New E-mail Address**

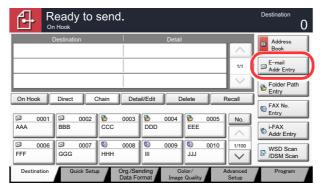
Enter the desired E-mail address.



#### **NOTE**

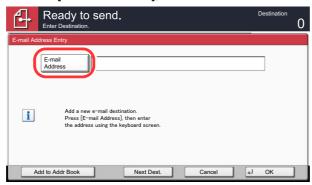
Access the Embedded Web Server RX beforehand and specify the settings required for sending E-mail. For details, refer to Sending E-mail on page 2-37.

# In the basic screen for sending, press [E-mail Addr Entry].



### Enter destination E-mail address.

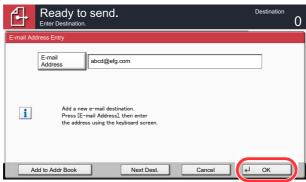
1 Press [E-mail Address], and enter the address.



The maximum length of the E-mail address is 128 characters.

- Entering Characters (page 11-13)
- 2 Press [OK].

## 3 Press [OK].



To enter multiple destinations, press [Next Destination] and enter the next destination. Up to 100 E-mail addresses can be specified.

You can register the entered mail address in the Address Book by pressing [Add to Address Book]. You can also replace the information for a previously registered destination.

Q

Destinations can be changed later. Refer to <u>Checking and Editing Destinations on page 5-36</u>.

#### Specifying a New PC Folder

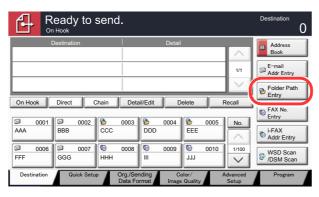
Specify either the desired shared folder on a computer or an FTP server as the destination.



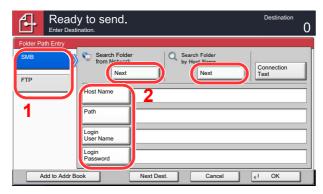
Refer to Creating a Shared Folder, Making a Note of a Shared Folder on page 3-37 for details on how to share a folder.

Be sure that SMB Protocol or FTP in the Embedded Web Server RX is On. For details, refer to the Embedded Web Server RX User Guide.

### In the basic screen for sending, press [Folder Path Entry].



#### Enter the destination information. 2



- 1 Press [SMB] or [FTP].
- 2 Enter the destination information. Press the key of each item to first display the entry screen. Enter the destination data and press [OK].
- Entering Characters (page 11-13)

The table below explains the items to be entered.

#### For send to folder (SMB)

Item	Detail	Max. characters
Host Name*	Computer name	Up to 64 characters
Path	Share name For example: scannerdata If saving in a folder in the shared folder: "share name\folder name in shared folder"	Up to 128 characters
Login User Name	If the computer name and domain name are the same: User Name For example: james.smith If the computer name and domain name are different: Domain name\User name For example: "abcdnet\james.smith"	Up to 64 characters
Login Password	Windows logon password (Case sensitive.)	Up to 64 characters

<sup>\*</sup> To specify a port number different from the default (445), enter using the format

(Example: [3ae3:9a0:cd05:b1d2:28a:1fc0:a1:10ae]:140)

To search for a folder on a PC on the network, press [Next] of "Search Folder from Network" or "Search Folder by Host Name".

If you selected "Search Folder from Network", you can enter the "Domain/Workgroup", and "Host Name" to search PCs on the network for the destination.

If you pressed "Search Folder by Host Name" you can search all PCs on the network for a destination.

A maximum of 500 addresses can be displayed. Select the host name (PC name) that you want to specify in the screen that appears, and press [Next]. The login user name and login password entry screen appears.

After you enter the login user name and login password name of the destination PC, the shared folders appear. Select the folder that you want to specify and press [Next]. The address of the selected shared folder is set.

Select the folder from the Search Results list.

<sup>&</sup>quot;Host name: port number" (Example: SMBhostname:140).

To enter the IPv6 address, enclose the address in brackets [].

#### For send to folder (FTP)

Item	Data to be entered	Max. characters
Host Name*	Host name or IP address of FTP server	Up to 64 characters
Path	Path to the receiving folder For example, "\User\ScanData". Otherwise the data will be saved in the home directory.	Up to 128 characters
Login User Name	FTP server login user name	Up to 64 characters
Login Password	FTP server login password (Case sensitive.)	Up to 64 characters

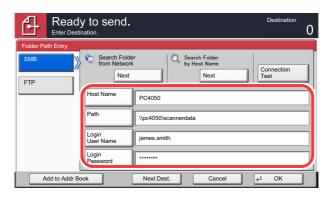
<sup>\*</sup> To specify a port number different from the default (21), enter using the format

(Example: [3ae3:9a0:cd05:b1d2:28a:1fc0:a1:10ae]:140)

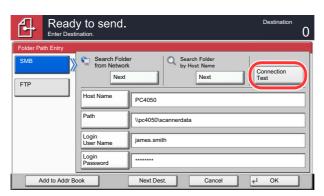
## 3 Check the status.

1 Check the information.

Change the delay as required.



2 Press [Connection Test] to check the connection.



"Connected." appears when connection to the destination is correctly established. If "Cannot connect." appears, review the entry.

To enter multiple destinations, press [Next Destination] and enter the next destination. You can specify a combined total of up to 10 SMB and FTP destination folders.

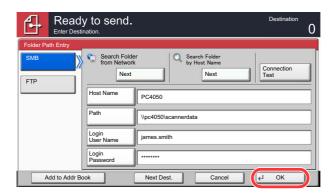
You can register the entered information in the Address Book by pressing [Add to Address Book].

<sup>&</sup>quot;Host name: port number" (Example: FTPhostname:140).

To enter the IPv6 address, enclose the address in brackets [].

### **Accept the destination.**

Press [OK].



Destinations can be changed later. Refer to Checking and Editing Destinations on page 5-36.

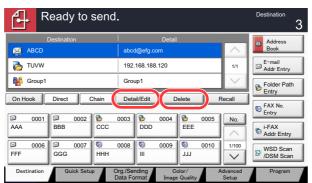
# **Checking and Editing Destinations**

Check and edit a selected destination.

#### Display the screen.

Referring to Specifying Destination on page 5-28, specify the destination.

### Check and edit the destination.



Select a destination and press [Detail/Edit] to check and edit it. Edit the delay as required. Select a destination and press [Delete] to remove the destination from the list.

# NOTE

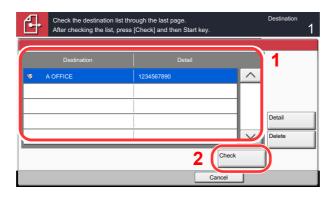
When selecting [On] for Entry Check for New Destination (Entry Check for New Dest. on page 8-29), the confirmation screen appears. Enter the same host name and path again, and press [OK].

When selecting [On] for Destination Check before Send (<u>Dest. Check before Send on page 8-29</u>), the confirmation screen appears after pressing the [**Start**] key. For details, refer to <u>Confirmation Screen of Destinations on page 5-37</u>.

# **Confirmation Screen of Destinations**

When selecting [On] for Destination Check before Send (Dest. Check before Send on page 8-29), the confirmation screen of destinations appears after pressing the [Start] key.

Follow the steps below to confirm the destinations.



1 Press [∨] or [∧] to confirm all destination.

Pressing [Detail] shows the detailed information of the selected destination.

To delete the destination, select the destination you want to delete and press [Delete]. Press [Yes] in the confirmation screen. The destination is deleted.

To add the destination, press [Cancel] and then return to the destination screen.

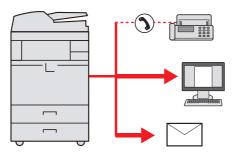
2 Press [Check].



Be sure to confirm all destination by displaying them on the touch panel. You cannot press [Check] unless you have confirmed all destination.

# **Sending to Different Types of Destinations (Multi Sending)**

You can specify destinations that combine E-mail addresses, folders (SMB or FTP) and fax numbers\*. This is referred to as Multi Sending. This is useful for sending to different types of destination (E-mail addresses, folders, etc.) in a single operation.



<sup>\*</sup> Requires the optional fax kit.

No. of broadcast items

E-mail: Up to 100

Folders (SMP, FTP): Total of 10 SMB and FTP

FAX: Up to 500 i-FAX: Up to 100

Also, depending on the settings, you can send and print at the same time.

Procedures are the same as used in specifying the destinations of respective types. Continue to enter E-mail address or folder path so that they appear in the destination list. Press the [Start] key to start transmission to all destinations at one time.



If the destinations include a fax, the images sent to all destinations will be black and white.

## **WSD Scan/DSM Scan**

#### **WSD Scan**

WSD Scan saves images of originals scanned on this machine as files on a WSD-compatible computer.



#### **NOTE**

To use WSD Scan, confirm that the computer used for WSD scanning and the machine is network-connected, and WSD Scan on page 8-45 is set to [On] in the network settings.

For information on operating the computer, refer to the computer's help or the operation guide of your software.

Installing Driver Software (for Windows 7)

#### Click the [Start] button on the Windows, and then click [Network].

In Windows 8, select the Desktop in the Start screen and click [Libraries], and then [Network].



#### NOTE

When [Network] does not appear in the Start menu, perform the following procedure.

- 1 Right-click [Start] and click [Property] in the menu that appears.
- 2 Select the [[Start] menu] tab in the "Task bar and [Start] menu properties" screen, and click [Customize].
- 3 When the "Customize [Start] menu" screen appears, select the "Network" check box and click [OK].

#### Install the driver. 2

Right-click the machine's icon (Brand Name: XXX:XXX) and then click [Install].



#### **◯** NOTE

If the "User Account Control" window appears, click [Continue]. If the "Found New Hardware" window appears, click [Cancel].

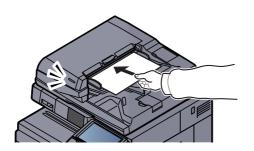
During the installation, double-click the icon shown on the task bar to display the "Driver Software Installation" screen. When "Your devices are ready to use" is displayed on the [Driver Software Installation] screen, the installation is completed.

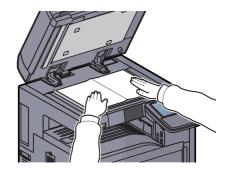
#### **WSD** scan

#### Press [Send] on the Home screen.



### Place the originals.





Loading Originals (page 5-2)

### 3 Display the screen.

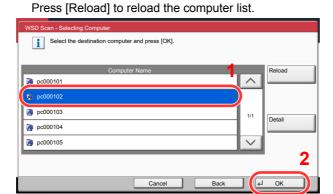
Press [WSD Scan/DSM Scan].

If <u>DSM Scan on page 8-45</u> is set to [Off] in the network settings, press [WSD Scan] and go to step 4.

# 4 Scan the originals.

#### Procedure using this machine

- 1 Select [From Operation Panel] and press [Next].
- 2 Select the destination computer and press [OK].



You can view information on the selected computer by pressing [Detail].

- 3 Set the type of original, file format, etc., as desired.
- 4 Press the [Start] key. Sending begins and the software installed on the computer is activated.

#### **Procedure from Your Computer**

- Press [From Computer] and press [Next].
- 2 Use the software installed on the computer to send the images.

#### DSM Scan (Windows Server 2008 R2 or Windows Server 2012 Only)

A scanned document can be automatically saved in any format or sent to any destination by reading a scan process from Active Directory.



If you are performing DSM scan, check the items below.

- The machine is connected to an Active Directory on the network that the scan process can reference.
- "DSM Scan" and "LDAP" are set to [On] in Protocol Settings (page 8-45) in Network.
- "SSL" is set to [On] in Security Settings (page 8-46) in Network.
- [Network Authentication] is set in <u>User Login (page 9-4)</u>.

If the Active Directory that the scan process can reference is not on the network authentication server, DSM must be set in Embedded Web Server RX. For details, refer to the Embedded Web Server RX User Guide.

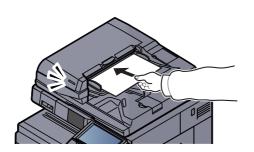
# Press [Send] on the Home screen.

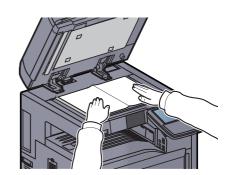




Depending on the settings, the address book screen may appear. In this event, press [Cancel] to display the screen for sending.

# Place the originals.







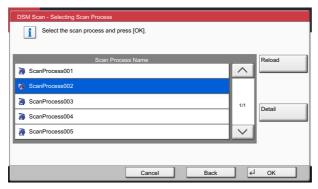
Loading Originals (page 5-2)

## Press [WSD Scan/DSM Scan].

If <u>WSD Scan on page 8-45</u> is set to [Off] in the network settings, press [DSM Scan] and go to step 5.

# Select [DSM Scan] and press [Next].

# 5 Select the scan process to be used and press [OK].



Press [Reload] to reload the computer list.

To check the settings, press [Detail].

# 6 Change the settings and add destinations as needed.

Only E-mail addresses can be added as destinations.

In the send base screen, press [Detail/Edit], [Destination], and then [Address Book] or [E-mail Addr Entry], and add a destination.

In some scan processes, it may not be possible to change settings or add destinations.

# 7 Press the [Start] key.

Sending starts.

# **Scanning using TWAIN**

This section explains how to scan an original using TWAIN. The machine's TWAIN/WIA can be used for two types of scanning: scanning a document placed in the machine, and scanning a document that has been stored in a custom box.

The procedure for scanning using the TWAIN driver is explained as an example. The WIA driver is used in the same way.

# Scanning a document placed in the machine

## Display the screen.

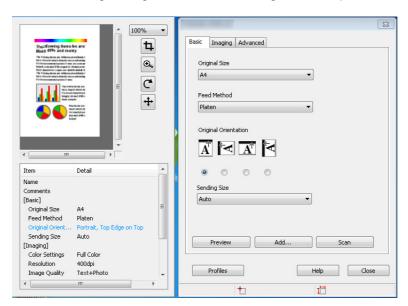
- 1 Activate the TWAIN compatible application software.
- Select the machine using the application and display the TWAIN dialog box.

# NOTE

For selecting the machine, see the Operation Guide or Help for each application software.

# Configure the scan settings.

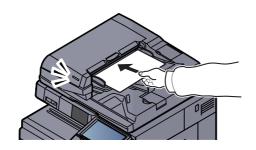
Select scanning settings in the TWAIN dialog box that opens.

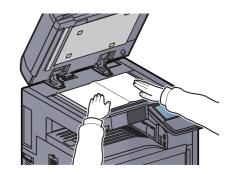


The settings that appear in the TWAIN dialog box are as follows.

	Item	Detail	
Basic	Original Size	This setting sets the size of the scan area. The available sizes vary based on the scanner model and the size of the original.	
	Feed Method	This setting specifies the feed method of the original. Select the feed method from the list.	
	Original Orientation	This setting specifies the orientation of the original.	
	Sending Size	This setting specifies the image size. The available sizes vary based on the scanner model and the scan area selected in the preview panel.	
Imaging	Color Settings	This setting specifies the type of color for the image.	
	Resolution	This setting specifies the dpi (dots per inch), or sharpness, for the image.	
	Image Quality	This setting specifies the overall image quality. Make sure your selection matches the original that you are scanning.	
	Exposure Level	This setting specifies the sharpness and clarity of the image. If the "Auto" check box is selected, then the slider bar and edit box are unavailable, and the exposure level is automatically set to the default setting.	
	Contrast	This setting specifies the contrast between light and dark areas of the image. This feature cannot be used when [Black & White] is selected in the [Color Settings].	
Advanced	Reverse Image	This setting scans images like a photo negative, reversing the black and white areas of the image.	
	Prevent Bleed- through	This setting prevents the image on one side of the paper from showing through to the other side when scanned.	
Scan Profiles		This is used to check current settings and store frequently used settings. When the [Configuration] button is clicked, a setting screen opens with buttons for [Add], [Edit], and [Delete].	
	Add	The current settings can be saved as a Scan Profile.	
	Edit	The name and comments of the selected Scan Profile can be changed.	
	Delete	Delete saved Scan Profiles.	

# 3 Place the originals.





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Loading Originals (page 5-2)

# Scan the originals.

Click the [Scan] button. The document data is scanned.

# Scanning a document stored in a custom box

# NOTE

To scan a document stored in a custom box, select a model name with (Box) from "Model" in the TWAIN driver settings screen.

## Display the TWAIN dialog box.

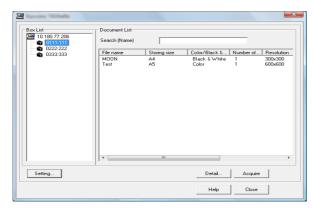
- 1 Activate the TWAIN compatible application software.
- Select the machine using the application and display the TWAIN dialog box.

# NOTE

For selecting the machine, see the Operation Guide or Help for each application software.

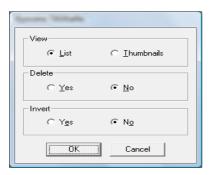
# 2 Display list of documents.

1 Select the Custom Box containing the document file to be scanned from [Box List].



If a password has been set for the box, the password entry screen appears. Enter the password and click the **[OK]** button. When you select a box, the document files in the Custom Box appear in **[Document List]**.

2 Set how to display the document data. Click the [Setting] button to select each item.

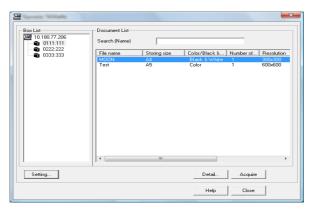


Item	Detail	
View	Change the display in the Document List field to List or Thumbnails.	
Delete	After scanning the document data, delete the data from the Custom Box.	
Invert	Invert the document data color to start scanning.	

3 Click [OK] button.

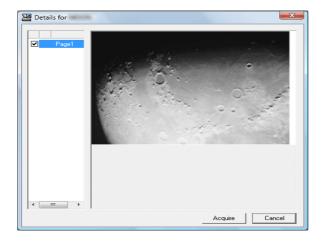
# Scan the originals.

1 Select the document data to be scanned from [Document List].



Enter the document data name in the Search (Name) to find the data having the same document data name or the document data name with the same beginning.

Click the [Detail] button to display the selected document data. When the document data includes multiple pages, select the checkbox beside the pages you want to scan. The selected pages will be scanned.



### NOTE

In this case, the scanned page or the selected document data will not be deleted from the Custom Box.

2 Click the [Acquire] button.

The document data is scanned.

# **Scanning with FMU Connection**

"FMU Connection" is installed on the machine as a standard application.

FMU Connection can be used to scan an original according to the settings configured with "File Management Utility" on the provided DVD, and save the image data and scanning information on a specified server or in a specified folder. Unlike regular transmission functions, this application lets you use metadata such as the scan date and time and the data format.



### NOTE

The first time you use FMU Connection, you must enable it in System Menu. For details, refer to Application on page 8-60.

To use FMU Connection, you must install File Management Utility on your computer and configure settings for the multifunction machine to be used, scanning conditions, and the file save location. To install File Management Utility, refer to Installing Software on page 2-13.

For information on using File Management Utility, see File Management Utility User Guide on the DVD.

# Using FMU Connection to scan an original

- Make sure that File Management Utility is running on the computer (or server) on which File Management Utility is installed.
- Place the original.
- **Press [FMU Connection].**

FMU Connection starts.

- Follow the on-screen instructions to enter the necessary information and press [Next].
- When the scan settings screen appears, press each item and 5 configure the necessary settings.

The features that can be set depend on File Management Utility.

Press the [Start] key.

Sending starts.

# What is Document Box?

Document Box contains four types of component boxes which provide the following functions.

The following types of document boxes are available.

#### Custom Box (page 5-54)

Custom Box is a component box which you can create within the Document Box and store data for later retrieval. You can create or delete a Custom Box, and manipulate data in various ways as described below:



Creating a New Custom Box (Add/Edit Box) (page 5-54)

Storing Documents (Store File) (page 5-57)

Printing Documents (Print) (page 5-58)

Sending Documents (Send) (page 5-59)

Editing Documents (page 5-61)

**Deleting Documents (page 5-65)** 

#### Job Box

Job Box is a generic name for the "Private Print/Stored Job Box", "Quick Copy/Proof and Hold Box", "Repeat Copy Box", and "Form for Form Overlay Box". These Job Boxes cannot be created or deleted by a user.



#### **NOTE**

You can set up the machine so that temporary documents in job boxes are automatically deleted. For details, refer to Deletion of Job Retention on page 8-34.

#### Private Print/Stored Job Box (page 4-14)

In Private Printing, you can specify that a job is not to be printed until you operate the machine. When sending the job from the application software, specify a 4-digit access code in the printer driver. The job is released for printing by entering the access code on the operation panel, ensuring confidentiality of the print job. The data will be deleted upon completion of the print job or after the main power switch is turned off.

In Stored Job, the print data sent from the application is saved to the machine. You can set up an access code as necessary. If you set up an access code, enter the access code when printing. Print data will be stored in the hard disk after printing. This will allow printing of the same print data repeatedly.

#### Quick Copy/Proof and Hold Box (page 4-16)

Quick Copy feature facilitates additional prints of a document already printed. Activating Quick Copy and printing a document using the printer driver allow the print data to be stored in the Quick Copy Job Box. When additional copies are required, you can reprint the required number of copies from the operation panel. By default, up to 32 documents can be stored. When power is turned off, all stored jobs will be deleted.



#### NOTE

When you attempt to store documents in excess of the above maximum, the oldest document data will be overwritten by the latest document data.

The Proof and Hold feature produces only a single proof print of multiple-print job and holds printing of the remaining copies. Printing a multiple-print job in Proof and Hold using the printer driver allows only a single copy to be printed while maintaining the document data in the Job Box. To continue to print the remaining copies, use the operation panel. You can change the number of copies to print.

#### Repeat Copy Box (page 5-67)

Repeat Copy feature stores the copied original document data in the Job Box and allows you to print additional copies later. By default, up to 32 documents can be stored. When power is turned off, all stored jobs will be deleted.



#### NOTE

Repeat Copy function is not available when the optional Data Security Kit is installed.

#### Form for Form Overlay Box (page 5-66)

Image Overlay feature copies the original document overlaid with a form or image. This Job Box is used to store the forms or images for overlaying.

#### Removable Memory Box (page 5-69)

A USB memory stick can be connected to the USB port (A1) on the machine to print a saved PDF file. You can print PDF data directly from the USB memory without a PC. Image files scanned using this machine can also be saved to USB memory in the PDF, TIFF, JPEG, XPS or high compression PDF format (Scan to USB).

#### Fax Box

Fax Box stores the fax data received. For details, refer to the FAX Operation Guide.

# **Basic Operation for Document Box**

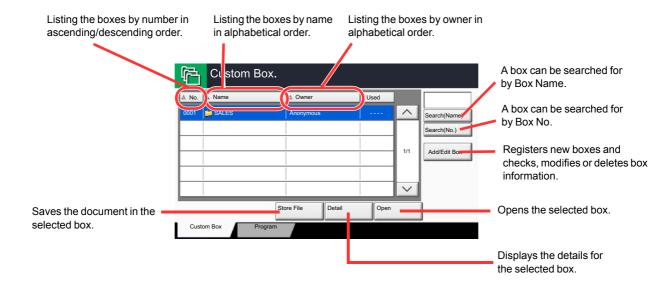
This section explains basic operations for document boxes, using examples where tasks are carried out with custom boxes.



#### NOTE

In the following explanation, it is assumed that user login administration is enabled. For details on User Logon privileges, refer to Editing Custom Box on page 5-56.

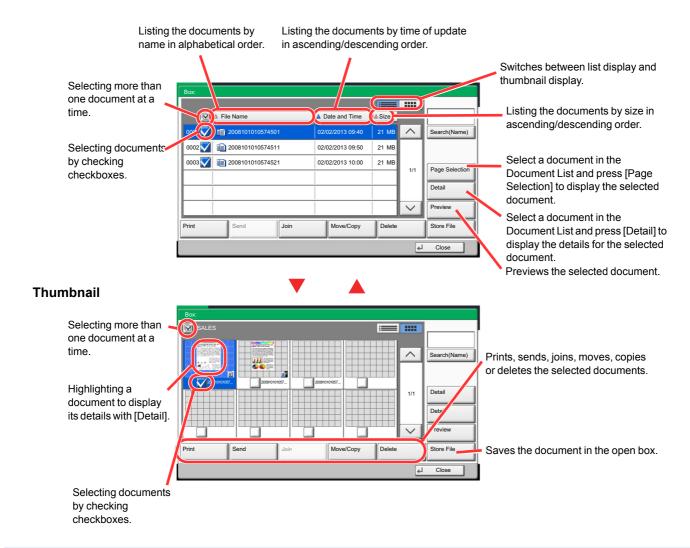
#### **Box List**



#### **Document List**

The document list is a list of the documents stored in the custom box. Documents can be listed either by name or as thumbnails. The list can be used as shown below.

#### List





## NOTE

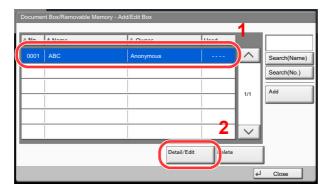
You can select multiple documents by pressing the respective document checkboxes. However, note that you cannot select multiple documents when you are sending documents.

#### Viewing/Editing Box Details

You can check and modify box information.

Use the procedure below.

- Press [Add/Edit Box] in the box list screen.
- Highlight the box whose box details you wish to check or edit 2 and press [Detail/Edit].



#### NOTE

If a custom box is protected by a password, enter the correct password.

3 Check the box details.



To edit details, press [Change] of the detail you wish to edit. Edit the detail as desired and press [OK].

If you have changed the details, press [Save] and then press 4 [Yes] in the confirmation screen.

If you do not change the details, press [No].

5 Press [Close].

The display returns to the default Document Box screen.

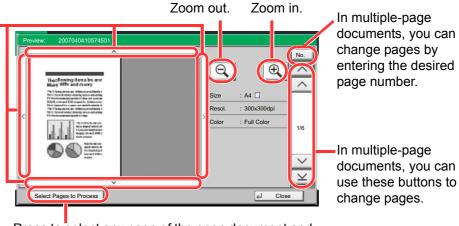
#### **Previewing Documents/Checking Document Details**

You can use this function to preview the documents stored in a document box or display the document details for checking.

- Select (highlight) a document to preview and then press [Preview] or [Detail].
- Preview the document or check the document details.

The operations available in the preview screen are shown below.

When you have zoomed in, you can use these keys to move the displayed area.



Press to select any page of the open document and print, send or copy to removable memory.



Selecting a page (page 5-53)



### **NOTE**

The preview display can be controlled by moving your finger(s) on the touch panel.



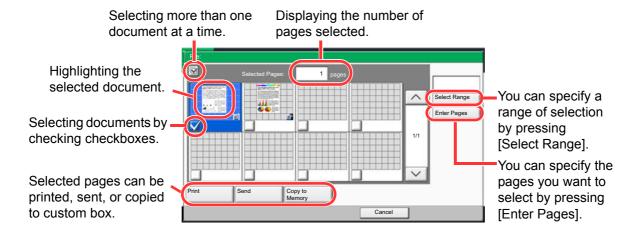
Using the Preview Screen (page 3-10)

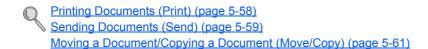
Confirm the document(s) and press [Close].

#### Selecting a page

When printing, sending, or copying a document within a Custom Box, you can specify any pages at will. Press [Page Selection] in the document list screen of the Custom Box, or [Select Pages to Process] in the Preview screen, to display the page selection screen.

Select the pages you want to work with, and press [Print], [Send], or [Copy to Memory].





# **Using a Custom Box**

# Creating a New Custom Box (Add/Edit Box)

# NOTE

If user login administration is enabled, you can only change the settings by logging in with administrator privileges.

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

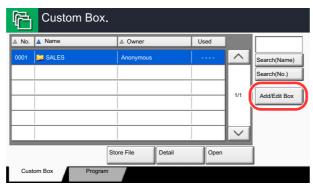
If user login administration is enabled, log in with administrator privileges to perform the following operations. They cannot be performed with user privileges.

- · Creating a box
- Deleting a box of which owner is another user.

## Press [Custom Box] on the Home screen.



Press [Add/Edit Box].



- 3 Select [Add].
- Press [Change] for each item.

# 5 Enter the information and then press [OK].

The table below lists the items to be set.

Item	Description	
Box No.	Enter the box number by pressing [+], [-] or number keys. The box number can be from 0001 to 1000. A Custom Box should have a unique number. If you enter 0000, the smallest number available will be automatically assigned.	
Owner*	Set the owner of the box. Select the owner from the user list that appears.	
Box Name	Enter a box name consisting of up to 32 characters. Refer to Entering Characters on page 11-13 for details on entering characters.	
Usage Restriction	To preserve the hard disk capacity, the storage capacity for a box can be restricted. To enable a capacity restriction enter a value for the storage capacity of the Custom Box in megabytes by pressing [-], [+] or number keys. You can enter a limit between 1 and 30,000 (MB).	
Box Password	User access to the box can be restricted by specifying a password to protect the box. Entering a password is not mandatory. Enter the same password of up to 16 characters in both [Password] and [Confirm Password].	
Permission*	Select whether to share the box.	
Auto File Deletion	Automatically deletes stored documents after a set period of time. Press [On] to enable automatic deletion and then use [+] and [-] or the numeric keys to enter the number of days for which documents are stored. You can enter any number between 1 and 31 (day(s)). To disable automatic file deletion, press [Off].	
Overwrite Setting	Specifies whether or not old stored documents are overwritten when new documents are stored. To overwrite old documents, press [Permit]. To retain old documents, press [Prohibit].	
Free Space	Displays the free space on the box.	
Delete after Printed	Automatically delete a document from the box once printing is complete. To delete the document, press [On]. To retain the document, press [Off].	

Displayed when the user login administration is enabled.

# 6 Check the details you have entered and then press [Save].

The Custom Box is created.

# **Editing Custom Box**

- 1 Referring to <u>Creating a New Custom Box (Add/Edit Box) on page 5-54</u>, display the screen for editing the custom box.
- Select the box you want edit, and press [Detail/Edit].

**NOTE** 

When you have logged in as a user, you can only delete the box whose owner is set to that user.

When you have logged in as administrator, you can edit all boxes.

# 3 Edit the custom box.

When user login administration is enabled, the settings that can be changed varies depending on the privileges of the logged in user.

Privileges	Settings that can be changed
Administrator	Box No.
	Owner
	Box Name
	Usage Restriction
	Box Password
	Permission
	Auto File Deletion
	Overwrite Setting
	Delete after Printed
User	Box Name
	Box Password
	Permission
	Auto File Deletion
	Overwrite Setting
	Delete after Printed

For details, refer to Creating a New Custom Box (Add/Edit Box) on page 5-54.

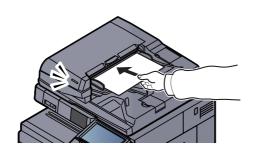
# **Storing Documents (Store File)**

The procedure for storing documents in a custom box is explained below.

Press [Custom Box] on the Home screen.

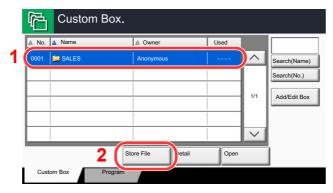


Place the originals.





Select the box where the document will be stored and then press [Store File].



Select the type of originals, scanning density, etc., as necessary.

For the features that can be selected, refer to <u>Custom Box (Store File, Printing, Send) (page 6-6)</u>.

5 Press the [Start] key.

The original is scanned and the data is stored in the specified Custom Box.



Enter up to 32 characters as the file name.

# **Printing Documents (Print)**

The procedure for printing documents in a custom box is explained below.

## Display the screen.

1 Press [Custom Box] on the Home screen.



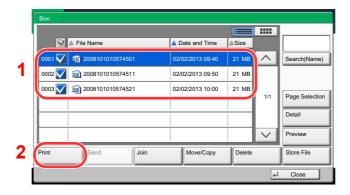
- 2 Select the box containing the document you want to print.
- 3 Press [Open].



If a custom box is protected by a password, enter the correct password.

#### Print the document.

1 Select the document you wish to print by checking the checkbox.



The document is marked with a checkmark.



To deselect, press the checkbox again and remove the checkmark.

2 Press [Print].

3 Set the paper selection, duplex printing, etc., as desired.

For the features that can be selected, refer to <u>Custom Box (Store File, Printing, Send) (page 6-6)</u>.

If a document stored from a computer is selected, the print settings selection screen appears.

- To use the settings used at the time of printing (when the document was saved), press [Print As Is]. Press [Start Print] to start printing.
- To change the print settings, press [Print after Change Settings] and change the print settings.
  - After a document saved in the machine is selected, the [Use File Settings] key may appear in the setting screen for the feature to be used.
- To use the settings saved with the document, press [Use File Settings].
- If you need to change the print settings, press [Print after Change Settings].
- 4 Press the [Start] key. Printing of the selected document begins.

# **Sending Documents (Send)**

The procedure for sending documents in a custom box is explained below.

## Display the screen.

1 Press [Custom Box] on the Home screen.



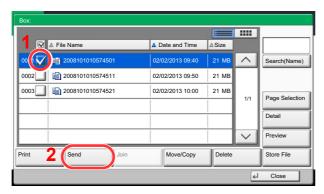
- Select the box containing the document you want to send.
- 3 Press [Open].

# NOTE

If a custom box is protected by a password, enter the correct password.

#### Send the document. 2

Select the document you wish to send by checking the checkbox.



The document is marked with a checkmark.



#### NOTE

You cannot select and send multiple documents.

To deselect, press the checkbox again and remove the checkmark.

2 Press [Send].

The screen for sending appears.

NOTE

Depending on the settings, the address book screen may appear.

3 Set the destination.

## **NOTE**

For more information on selecting destinations, refer to Specifying Destination on page 5-28.

4 Set the sending size, original image, etc., as desired.

For the features that can be set, refer to <a href="Custom Box">Custom Box</a> (Store File, Printing, Send) (page 6-6).

**5** Press the [Start] key.

Sending of the selected document begins.

# **Editing Documents**

This function allows you to move or copy documents stored in custom boxes into other boxes or to join multiple documents together. You can also copy documents to USB memory connected to this machine.

#### Moving a Document/Copying a Document (Move/Copy)

The procedure for moving or copying documents is explained below.

#### Display the screen.

1 Press [Custom Box] on the Home screen.



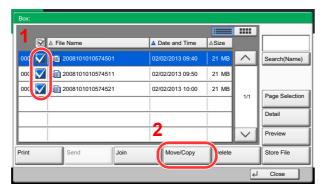
- Select the box containing the document you want to move or copy.
- 3 Press [Open].



If a custom box is protected by a password, enter the correct password.

## Move or copy documents.

1 Select the document in the list that you want to move or copy by pressing the checkbox.



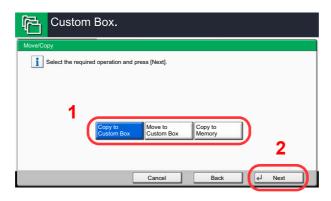
The document is marked with a checkmark.



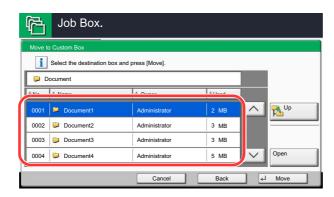
To deselect, press the checkbox again and remove the checkmark.

2 Press [Move/Copy].

- 3 Select the function you want to execute. To move the document, press [Move to Custom Box]. To copy the document, press [Copy to Custom Box] or [Copy to Memory].
- 4 Press [Next].



5 Select the destination of copy or move.



To copy or move the document to a custom box, select the destination box.

To copy the document to USB memory, select the destination folder and press [Next]. If necessary, set the saved file size and the file format, etc.

6 Press [Move] or [Copy] and then press [Yes] in the confirmation screen. The selected document is moved or copied.



#### **NOTE**

If the box to which the document is to be moved or copied is protected by a password, enter the correct password.

### **Joining Documents (Join)**

You can join documents within a custom box into one file.



### NOTE

You can only join a document to other documents in the same custom box. If necessary, move the documents to be joined beforehand.

#### Display the screen.

1 Press [Custom Box] on the Home screen.



Select the box containing the documents you want to join and press [Open].

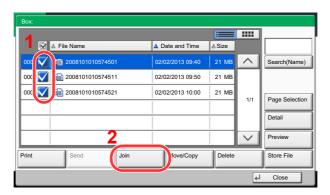


#### NOTE

If a custom box is protected by a password, enter the correct password.

## Join the document.

1 Select the documents in the list that you wish to join by pressing the checkbox.



The document is marked with a checkmark.

You can join up to 10 documents.

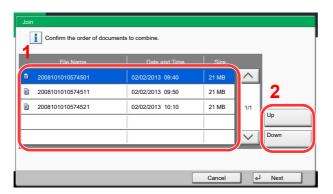


#### NOTE

To deselect, press the checkbox again and remove the checkmark.

2 Press [Join].

3 Arrange the documents into the order in which they are to be joined.



Highlight the document you want to rearrange and press [Up] or [Down] to move it to the correct place in the sequence.

- 4 Press [Next].
- 5 Press [File Name], enter the file name for the joined document and press [OK].

## **NOTE**

Enter up to 64 characters as the file name.

6 Press [Join] and then press [Yes] in the confirmation screen. The documents are joined.

# NOTE

After joining, the original documents are left unchanged. Delete the documents if they are no longer needed.

# **Deleting Documents**

The procedure for deleting documents in a custom box is explained below.

## Display the screen.

1 Press [Custom Box] on the Home screen.



Select the box containing the document you want to delete and press [Open].

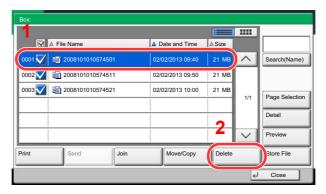


#### **NOTE**

If a custom box is protected by a password, enter the correct password.

## **Delete the document.**

1 Select the document you wish to delete by checking the checkbox.



The document is marked with a checkmark.



#### NOTE

[Delete] is disabled until a document is selected.

To deselect, press the checkbox again and remove the checkmark.

2 Press [Delete].

The delete confirmation screen appears.

3 Press [Yes].

The document is deleted.

# **Job Box**

This section explains the Repeat Copy Box and the Form for Form Overlay Box. For Private Print/Stored Job Box and Quick Copy/Proof and Hold Box, refer to Private Print/Stored Job on page 4-14 and Quick Copy/Proof and Hold on page 4-16.

# **Outputting Repeat Copy Jobs**

Repeat Copy feature stores the copied original document data in the Job Box and allows you to print additional copies later. By default, up to 32 documents can be stored. When power is turned off, all stored jobs will be deleted. This section explains how to print documents saved by the Repeat Copy function.



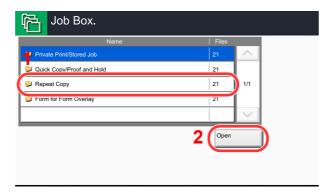
Repeat Copy (page 6-61)

## Display the screen.

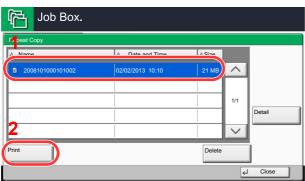
1 Press [Job Box] on the Home screen.



2 Select [Repeat Copy] box, and press [Open].



# Print the document.



- 1 Select the document to print and press [Print].
  If the document is protected by a password, enter the password using the numeric keys.
- Specify the number of copies to print as desired.
- 3 Press [Start Print].

Printing begins.

The Repeat Copy box job will be deleted when the main power switch is turned off.

# **Form for Form Overlay**

Image Overlay feature copies the original document overlaid with a form or image. This Job Box is used to store the forms or images for overlaying.

#### Storing a Form

You can store forms to be used for the form overlay in the job box. One page can be registered in one form.

## Place the original in the document processor or on the platen.

## Display the screen.

1 Press [Job Box] on the Home screen.

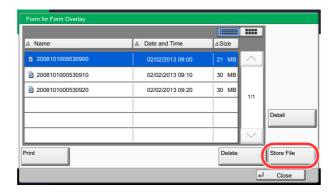


2 Select [Form for Form Overlay] and press [Open].



# 3 Store the forms.

1 Press [Store File].



- 2 If necessary, select the image quality of original, scanning density, etc. before the original is scanned.
- 3 Press the [Start] key.

The original is scanned and stored in the [Form for Form Overlay] box.

# **Deleting a Form Stored**

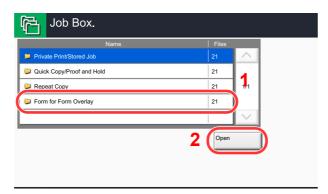
You can delete the form stored in the job box

## Display the screen.

1 Press [Job Box] on the Home screen.

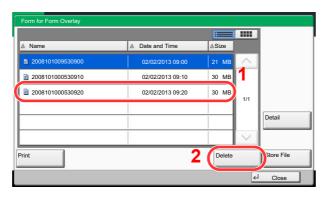


2 Select [Form for Form Overlay] and press [Open].



## Delete the forms.

1 Select the form to delete and press [Delete].



The delete confirmation screen appears.

2 Press [Yes].

The form is deleted.

# **Printing Documents Stored in Removable USB Memory**

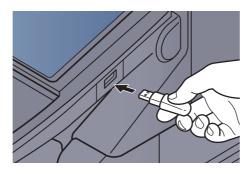
Plugging USB memory directly into the machine enables you to quickly and easily print the files stored in the USB memory without having to use a computer.

The following file types can be printed:

- PDF file (Version 1.7 or older)
- TIFF file (TIFF V6/TTN2 format)
- JPEG file
- XPS file
- Encrypted PDF file
- PDF files you wish to print should have an extension (.pdf).
- Files to be printed should be saved no further down than the top 3 folder levels, including the root folder.
- Use USB memory properly formatted by this machine.
- Plug the USB memory directly into the USB Port (A1).

## Plug the USB memory.

1 Plug the USB memory into the USB Port (A1).



When the machine reads the USB memory, "Removable Memory is recognized. Displaying files. Are you sure?" may appear. Press [Yes].

Displays the removable memory screen.



#### IMPORTANT

Use USB memory properly formatted by this machine. If a USB memory formatted by any other device is used, "The removable memory is not formatted." may appear. To format the USB memory, refer to <u>Device/Communication on page 7-17</u>.



#### NOTE

If the message does not appear, press [Removable Memory].

## Print the document.

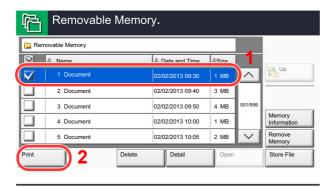
1 Select the folder containing the file to be printed and press [Open]. The machine will display documents in the top 3 folder levels, including the root folder.



1,000 documents can be displayed.

To return to a higher level folder, press [Up].

2 Select the file to be printed and press [Print].



**3** Change the number of copies, duplex printing, etc. as desired.

For the features that can be selected, refer to Removable Memory (Store File, Printing Documents) (page 6-10).

After a document saved in the machine is selected, [Use File Settings] may appear in the setting screen for the feature to be used.

- To use the settings saved with the document, press [Use File Settings].
- If you need to change the print settings, select the desired feature.
- 4 Press the [Start] key.

Printing of the selected file begins.

# Saving Documents to USB Memory (Scan to USB)

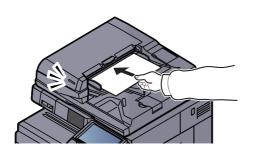
This function allows you to store scanned image files in USB memory connected to the machine. You can store files in PDF, TIFF, JPEG, XPS or high-compression PDF format.

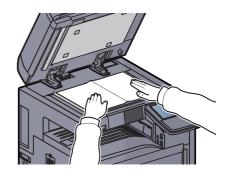


#### **◯** NOTE

The maximum number of the storable files is 1000.

## Place the originals.



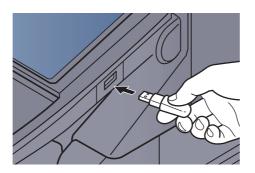




Refer to Loading Originals on page 5-2.

## Plug the USB memory.

Plug the USB memory into the USB Port (A1).



When the machine reads the USB memory, "Removable Memory is recognized. Displaying files. Are you sure?" may appear. Press [Yes] to display the removable memory screen.



#### **IMPORTANT**

Use USB memory properly formatted by this machine. If a USB memory formatted by any other device is used, "The removable memory is not formatted." may appear. To format the USB memory, refer to <a href="Device/Communication on page 7-17">Device/Communication on page 7-17</a>.

When [Format] is pressed, all data in the external media is erased.

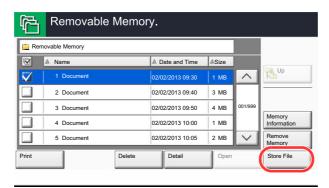


#### ■ NOTE

If the message does not appear, press [Removable Memory].

## Store the document.

- Select the folder where the file will be stored and press [Open].
  The machine will display the top 3 folder levels, including the root folder.
- 2 Press [Store File].

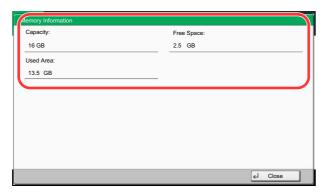


- 3 Set the type of original, file format, etc., as desired.
  For the features that can be set, refer to <u>Removable Memory (Store File, Printing Documents) (page 6-10)</u>.
- 4 Press the [Start] key.
  The original is scanned and the data is stored in the USB memory.

# **Check the USB memory information**

You can check the USB memory information.

In the removable memory screen, press [Memory Information].



Once you confirm the information, press [Close].

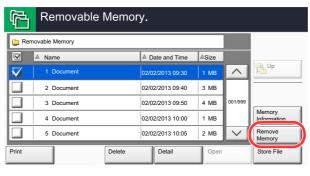
# **Removing USB Memory**

Follow the steps below to remove the USB memory.

**◯** IMPORTANT

Be sure to follow the proper procedure to avoid damaging the data or USB memory.

- Press [Removable Memory].
- **Press [Remove Memory].**



Press [OK], and remove the USB memory after "Removable Memory can be safely removed." is displayed.

**NOTE** 

USB memory can also be removed after checking the status of the device. Refer to Removing the USB Memory on page 7-18.

# **Manual Staple**

You can staple copied paper manually without any copying operation. It is useful when you have forgotten to set the staple sort mode before starting copying, or when you want to staple originals.



#### **NOTE**

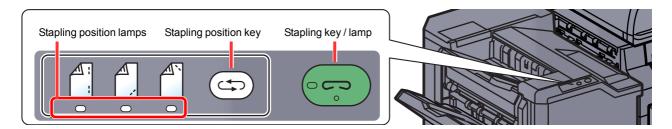
If there are no staples when manual stapling is performed, the stapling position lamps and stapling position key LEDs all blink. Add staples. For details, refer to Replacing Staples on page 10-12.

Manual stapling cannot be executed when the machine is in operation.

#### Maximum number of sheets available for manual stapling

	Paper weight	
Paper size	- 90 g/m <sup>2</sup> (- 24.0 lb. Bond)	91 - 105 g/m <sup>2</sup> (24.3 - 28.0 lb. Bond)
A4, A4-R, B5, Letter, 16K	65 sheets	50 sheets
A3, B4, Folio	30 sheets	30 sheets

Use the keys on the control section of the Finisher (optional) for manual stapling.



# Press the stapling position key on the stapling control section.

The shutter of the paper exit area is opened and this equipment enters into the manual staple mode.

# Set the staple position.

Press the stapling position key to select the stapling position (Back A / Front A / 2 Points A).

Operation is not possible while the stapling position lamps are blinking. Operate after the lamps light solidly.

## Load the paper.

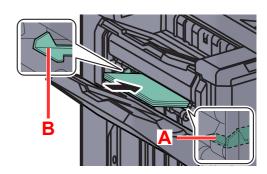
Straighten the edges of the paper well and place the paper front side down in the shutter opening of the output unit.

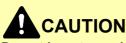
If the near side of the paper ( ) will be stapled, place the paper against the front guide (A).

If the far side of the paper ( ) will be stapled, place the paper against the back guide (B).

If the edge of the paper ( ) will be stapled at

two points, place the paper with the center aligned to the center point between the two side guides (A and B).





Do not insert your hand inside the open shutter.

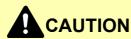
#### NOTE

- Press the stapling position key before you place the paper. Once the paper is placed, the stapling position key cannot be used.
- The stapling lamp lights when the paper is properly placed. If it does not light, replace the paper.

## Staple the paper.

Let go of the paper, and then press the stapling key.

Stapling starts. Stapling finishes and the output is delivered to tray A.



Be sure that your hands are away from the paper while stapling is in progress.

#### Finishing the manual staple mode

Press the stapling position key several times until the stapling position lamps turn off. The shutter of the paper exit area closes. It means that manual stapling is finished.

If no operation is performed for approx. 10 seconds, the manual staple mode will be automatically finished.



#### NOTE

The time after which manual staple mode is automatically exited can be changed. For details, refer to Manual Staple on page 8-24.

# **6 Using Various Functions**

This	chanter	explains	the	following	tonics.
11113	CHAPIEL	CAPIAILIS	uic	IUIIUWIIIU	lupics.

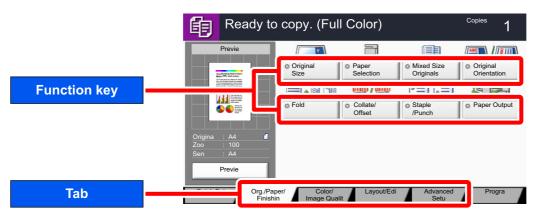
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Original Orientation	6-16
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Staple/Punch	6-19
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Original Image	6-23
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Color Selection	6-24
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Hue Adjustment	6-27
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Border Erase	6-39
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Storing Size	6-72
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## **Functions Available on the Machine**

## Copy

To configure the settings for functions, select the tab and press the function key.



For details on each function, see the table below.

Tab
Org./Paper/ Finishing
Configure the settings for originals, paper, and finishing such as collate and staple.

Function key	Description	Reference page
Original Scan	Specify the original size to be scanned.	page 6-12
Paper Selection	Select the cassette or multi-purpose tray that contains the required paper size.	page 6-13
Mixed Size Originals	Scans all sheets in the document processor, even if they are of different sizes.	page 6-14
Original Orientation	Select the orientation of the original document top edge to scan correct direction.	page 6-16
Fold	Folds the finished documents.	page 6-17
Collate/Offset	Offsets the output by page or set.	page 6-18
Staple/Punch	Staples or punches printed documents.	page 6-19
Paper Output	Set paper output to document finisher or job separator tray.	page 6-22

Color/ Image Quality	
Configure the setting for density, quality of copies, and color balance.	S

=	Density	Adjust density using 7 or 13 levels.	page 6-22
	Original Image	Select original image type for best results.	page 6-23
	EcoPrint	EcoPrint saves toner when printing.	page 6-24
	Color Selection	Select the color mode setting.	page 6-24
	Color Balance	Adjust the strength of cyan, magenta, yellow, and black.	page 6-26
•	Hue Adjustment	Adjusts the color (hue) of images to make more creative copies.	page 6-27
	One-touch Image Adjust	Adjust images as desired to more [Vivid] or more [Muted] images.	page 6-28
	Sharpness	Adjusts the sharpness of image outlines.	page 6-30
=	Background Density Adj.	Removes dark background from originals, such as newspapers.	page 6-30
	Saturation	The color saturation of the image can be adjusted in 7 levels.	page 6-31
	Prevent Bleed-thru	Hides background colors and image bleed-through when scanning thin original.	page 6-31

Tab
Layout/Edit
Configure the settings for duplex printing and stamp.

Function key	Description	Reference page
Zoom	Adjusts the zoom to reduce or enlarge the image.	page 6-32
Combine	Combines 2 or 4 original sheets into 1 printed page.	page 6-36
Margin/Centering	Margin: Add margins (white space). In addition, you can set the margin width and the back page margin.	page 6-38
	Centering: Centers the original image on the paper when copying onto paper different from the original size.	
Border Erase	Erases the black border that forms around the image.	page 6-39
Booklet	Prints documents to 2-sided open book sheets.	page 6-41
Duplex	Produces two-sided copies. You can also create single-sided copies from two-sided originals or originals with facing pages such as books.	page 6-44
Cover	Adds a cover to the finished documents.	page 6-47
Form	Prints the original document overlaid with a form or image.	page 6-48
Page #	Adds page numbers to the finished documents.	page 6-49
Memo Page	Delivers copies with a space for adding notes.	page 6-51
Poster	Separates and copies an enlarged image onto multiple pages to make copies larger than the maximum paper size.	page 6-52
Image Repeat	Tiles the original image on one sheet of paper.	page 6-53
Text Stamp	You can add a text stamp on the documents.	page 6-54
Bates Stamp	You can add a bates stamp on the documents.	page 6-56

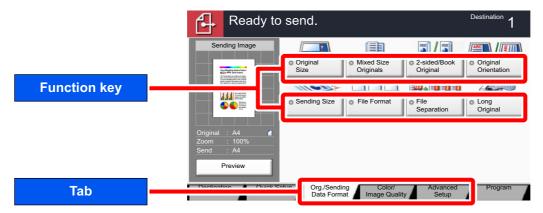
Advanced Setup

Configure the settings for continuous scanning, mirror image copies, and Skip Blank Page function.

Continuous Scan	Scans a large number of originals in separate batches and then produce as one job.	page 6-58
Auto Image Rotation	Automatically rotates the image 90 degrees when the sizes of the original and the loaded paper matches but the orientations are different.	page 6-59
Negative Image	Inverts black and white portions of the image for printing.	page 6-59
Mirror Image	Copies the mirrored image of the original.	page 6-59
Job Finish Notice	Sends E-mail notice when a job is complete.	page 6-60
File Name Entry	Adds a file name.	page 6-60
Priority Override	Suspends the current job and gives a new job top priority.	page 6-61
Repeat Copy	Enables additional copies in the desired quantity as necessary after a copy job is completed.	page 6-61
OHP Backing Sheet	When printing to sheets of transparency, automatically inserts a paper between them.	page 6-62
DP Read Action	When the document processor is used, select the scanning operation for the document processor.	page 6-63
Skip Blank Page	When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank.	page 6-63

## Send

To configure the settings for functions, select the tab and press the function key.



For details on each function, see the table below.

	Tab	
f	Org./Sending Data Format Configure the settings or original type and ile format.	

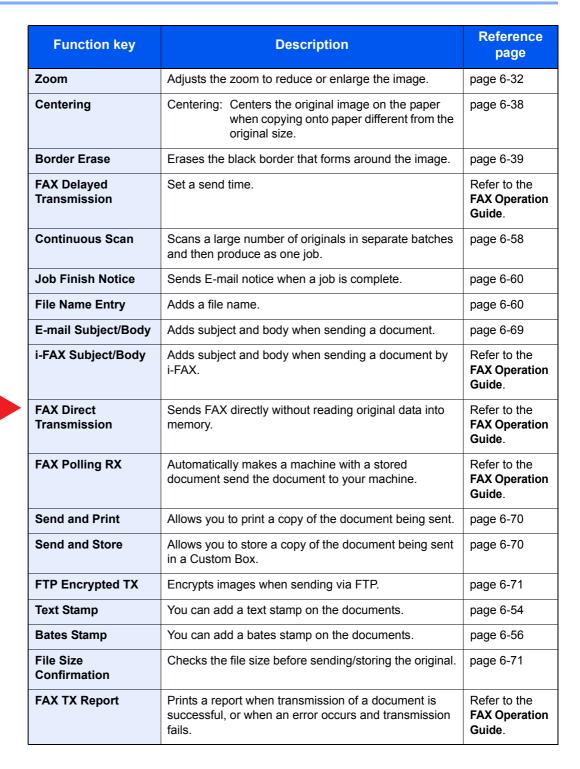
Function key	Description	Reference page
Original Size	Specify the original size to be scanned.	page 6-12
Mixed Size Originals	Scans all sheets in the document processor, even if they are of different sizes.	page 6-14
2-sided/Book Original	Select the type and orientation of the binding based on the original.	page 6-64
Original Orientation	Select the orientation of the original document top edge to scan correct direction.	page 6-16
Sending Size	Select size of image to be sent.	page 6-65
File Format	Specify the image file format. Image quality level can also be adjusted.	page 6-66
File Separation	Creates several files by dividing scanned original data page by page before sending the files.	page 6-69
Long Original	Reads long-sized original documents using a document processor.	Refer to the FAX Operation Guide.

Color/ Image Quality
Configure the settings for density, quality of copies, and color balance.

Density	Adjust density using 7 or 13 levels.	page 6-22
Original Image	Select original image type for best results.	page 6-23
Scan Resolution	Select fineness of scanning resolution.	page 6-69
FAX TX Resolution	Select fineness of images when sending FAX.	Refer to the FAX Operation Guide.
Color Selection	Select the color mode setting.	page 6-24
Sharpness	Adjusts the sharpness of image outlines.	page 6-30
Background Density Adj.	Removes dark background from originals, such as newspapers.	page 6-30
Prevent Bleed-thru	Hides background colors and image bleed-through when scanning thin original.	page 6-31

Tab
Advanced Setup
Configure the settings for transmission copy, encrypted transmission, and file

size confirmation.



## **Custom Box (Store File, Printing, Send)**

To configure the settings for functions, select the tab and press the function key.



For details on each function, see the table below.

#### **Store File**

Tab	
Functions  Configure the color settings when storing the document in the Custom Box.	

Function key	Description	Reference page
Original Size	Specify the original size to be scanned.	page 6-12
Mixed Size Originals	Scans all sheets in the document processor, even if they are of different sizes.	page 6-14
2-sided/Book Original	Select the type and orientation of the binding based on the original.	page 6-64
Original Orientation	Select the orientation of the original document top edge to scan correct direction.	page 6-16
Storing Size	Select size of image to be stored.	page 6-72
Prevent Bleed-thru	Hides background colors and image bleed-through when scanning thin original.	page 6-31
Density	Adjust density using 7 or 13 levels.	page 6-22
Original Image	Select original image type for best results.	page 6-23
Scan Resolution	Select fineness of scanning resolution.	page 6-69
Color Selection	Select the color mode setting.	page 6-24
Sharpness	Adjusts the sharpness of image outlines.	page 6-30
Background Density Adj.	Removes dark background from originals, such as newspapers.	page 6-30
Zoom	Adjusts the zoom to reduce or enlarge the image.	page 6-32
Centering	Centering: Centers the original image on the paper when copying onto paper different from the original size.	page 6-38
Border Erase	Erases the black border that forms around the image.	page 6-39
Continuous Scan	Scans a large number of originals in separate batches and then produce as one job.	page 6-58
Job Finish Notice	Sends E-mail notice when a job is complete.	page 6-60
File Name Entry	Adds a file name.	page 6-60

### **Print**

Functions
Functions

Configure the settings for paper selection and duplex printing when printing from the Custom Box.



Function key	Description	Reference page
Paper Selection	Select the cassette or multi-purpose tray that contains the required paper size.	page 6-13
Collate/Offset	Offsets the output by page or set.	page 6-18
Staple/Punch	Staples or punches printed documents.	page 6-19
Paper Output	Set paper output to document finisher or job separator tray.	page 6-22
Combine	Combines 2 or 4 original sheets into 1 printed page.	page 6-36
Margin/Centering	Margin: Add margins (white space). In addition, you can set the margin width and the back page margin.  Centering: Centers the original image on the paper when copying onto paper different from the original size.	page 6-38
Booklet	Prints documents to 2-sided open book sheets.	page 6-41
Duplex	Prints 1-sided or open book originals to 2-sided, or 2-sided or open book originals to 1-sided.	page 6-44
Cover	Adds a cover to the finished copies.	page 6-47
Form Overlay	Copies the original document overlaid with a form or image.	page 6-48
Page #	Adds page numbers to the finished documents.	page 6-49
Job Finish Notice	Sends E-mail notice when a job is complete.	page 6-60
File Name Entry	Adds a file name.	page 6-60
Delete after Printed	Automatically deletes a document from the box once printing is complete.	page 6-71
Priority Override	Suspends the current job and gives a new job top priority.	page 6-61
EcoPrint	EcoPrint saves toner when printing.	page 6-24
Zoom	Adjusts the zoom to reduce or enlarge the image.	page 6-32
Fold	Folds the finished documents.	page 6-17
Text Stamp	Prints a text stamp on scanned originals.	page 6-54
Bates Stamp	Prints a bates stamp on scanned originals.	page 6-56
Color Balance	Adjust the strength of cyan, magenta, yellow, and black.	page 6-26
Hue Adjustment	Adjusts the color (hue) of images to make more creative copies.	page 6-27
One-touch Image Adjust	Adjust images as desired to more [Vivid] or more [Muted] images.	page 6-28
Saturation	The color saturation of the image can be adjusted in 7 levels.	page 6-31

Tab
Color/ Image Quality
Configure the settings for density, quality of copies, and color balance.

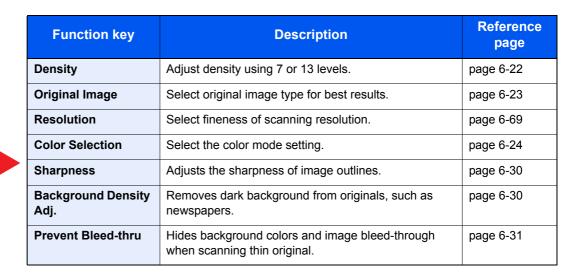
Function key	Description	Reference page
Density	Adjust density using 7 or 13 levels.	page 6-22
Original Image	Select original image type for best results.	page 6-23
Color Selection	Select the color mode setting.	page 6-24
Sharpness	Adjusts the sharpness of image outlines.	page 6-30
Background Density Adj.	Removes dark background from originals, such as newspapers.	page 6-30
Prevent Bleed-thru	Hides background colors and image bleed-through when scanning thin original.	page 6-31

### Send

Tab	
Functions	
Configure the settings for file format and FAX transmission when sending from the Custom Box.	

Function key	Description	Reference page
Sending Size	Select size of image to be sent.	page 6-65
File Format	Specify the image file format. Image quality level can also be adjusted.	page 6-66
FAX TX Resolution	Select fineness of images when sending FAX.	Refer to the FAX Operation Guide.
Centering	Centers the original image on the paper when copying onto paper different from the original size.	page 6-38
FAX Delayed Transmission	Set a send time.	Refer to the FAX Operation Guide.
Job Finish Notice	Sends E-mail notice when a job is complete.	page 6-60
File Name Entry	Adds a file name.	page 6-60
E-mail Subject/Body	Adds subject and body when sending a document.	page 6-69
i-FAX Subject/Body	Adds subject and body when sending a document by i-FAX.	Refer to the FAX Operation Guide.
FTP Encrypted TX	Encrypts images when sending via FTP.	page 6-71
Delete after Transmitted	Automatically deletes a document from the box once transmission is complete.	page 6-71
Zoom	Adjusts the zoom to reduce or enlarge the image.	page 6-32
File Separation	Creates several files by dividing scanned original data page by page before sending the files.	page 6-69
Text Stamp	You can add a text stamp on the documents.	page 6-54
Bates Stamp	You can add a bates stamp on the documents.	page 6-56
File Size Confirmation	Checks the file size before sending/storing the original.	page 6-71
FAX TX Report	Prints a report when transmission of a document is successful, or when an error occurs and transmission fails.	Refer to the FAX Operation Guide.

Tab
Color/ Image Quality
Configure the settings for density, quality of copies, and color balance.



## **Removable Memory (Store File, Printing Documents)**

To configure the settings for functions, select the tab and press the function key.



For details on each function, see the table below.

#### Store File

Store File	
Tab	
Functions  Configure the settings for color selection and document name when storing the document in the removable memory.	

Function key	n key Description	
Original Size	Specify the original size to be scanned.	page 6-12
Mixed Size Originals	Scans all sheets in the document processor, even if they are of different sizes.	page 6-14
2-sided/Book Original	Select the type and orientation of the binding based on the original.	page 6-64
Original Orientation	Select the orientation of the original document top edge to scan correct direction.	page 6-16
Storing Size	Select size of image to be stored.	page 6-72
Prevent Bleed-thru	Hides background colors and image bleed-through when scanning thin original.	page 6-31
Density	Adjust density using 7 or 13 levels.	page 6-22
Original Image	Select original image type for best results.	page 6-23
Scan Resolution	Select fineness of scanning resolution.	page 6-69
Color Selection	Select the color mode setting.	page 6-24
Sharpness	Adjusts the sharpness of image outlines.	page 6-30
Background Density Adj.	Removes dark background from originals, such as newspapers.	page 6-30
Zoom	Adjusts the zoom to reduce or enlarge the image.	page 6-32
Centering	Centers the original image on the paper when copying onto paper different from the original size.	page 6-38
Border Erase	Erases the black border that forms around the image.	page 6-39
Continuous Scan	Scans a large number of originals in separate batches and then produce as one job.	page 6-58
Job Finish Notice	Sends E-mail notice when a job is complete.	page 6-60
File Name Entry	Adds a file name.	page 6-60
File Format	Specify the image file format. Image quality level can also be adjusted.	
File Separation	Creates several files by dividing scanned original data page by page before sending the files.	page 6-69
Text Stamp	You can add a text stamp on the documents.	page 6-54
Bates Stamp You can add a bates stamp on the documents.		page 6-56

## **Printing Documents**

Tab		Function key	Description	Reference page
		Paper Selection	Select the cassette or multi-purpose tray that contains the required paper size.	page 6-13
		Collate/Offset	Offsets the output by page or set.	page 6-18
		Staple/Punch	Staples or punches printed documents.	page 6-19
		Paper Output	Set paper output to document finisher or job separator tray.	page 6-22
		Margin	Add margins (white space). In addition, you can set the margin width and the back page margin.	page 6-38
Functions		2-sided	Print a document to 1-sided or 2-sided sheets.	page 6-46
Turictions		Job Finish Notice	Sends E-mail notice when a job is complete.	page 6-60
Configure the settings for paper selection		Priority Override	Suspends the current job and gives a new job top priority.	page 6-61
and duplex printing when printing from the		EcoPrint	EcoPrint saves toner when printing.	page 6-24
removable memory.		Fold	Folds the finished documents.	page 6-17
		Text Stamp	You can add a text stamp on the documents.	page 6-54
		Bates Stamp	You can add a bates stamp on the documents.	page 6-56
		Encrypted PDF Password	Enter the preassigned password to print the PDF data.	page 6-72
		JPEG/TIFF Print	Select the image size when printing JPEG or TIFF files.	page 6-73
		XPS Fit to Page	Reduces or enlarges the image size to fit to the selected paper size when printing XPS file.	page 6-73
Color/ Image Quality Configure the color mode settings.		Color Selection	Select the color mode setting.	page 6-24

## **Functions**

## **Original Size**









Specify the original size to be scanned.

Press [Standard Sizes 1], [Standard Sizes 2], [Others] or [Size Entry] to select the original size.

Item	Value	Description
Standard Sizes 1	Metric models: Auto, A3, A4, A4-R, A5, A5-R, A6-R, B4-R, B5, B5-R, B6, B6-R, Folio, 216x340 mm Inch models: Auto, Ledger, Letter, Letter-R, Legal, Statement, Statement-R, 11 x 15", Oficio II	Have the size of original detected automatically, or select from the standard sizes.
Standard Sizes 2	Metric models: Ledger, Letter, Letter-R, Legal-R, Statement, Statement-R, 11 x 15", Oficio II, 8K, 16K, 16K-R Inch models: A3, A4, A4-R, A5, A5-R, A6-R, B4, B5, B5-R, B6, B6-R, Folio, 8K, 16K, 16K-R, 216 x 340 mm	Select from standard sizes except Standard Sizes 1.
Others	Hagaki, Oufuku hagaki, Custom 1 to 4*1	Select from envelope, postcard or the custom sized originals*1.
Size Entry	Metric X: 50 to 432 mm (in 1 mm increments) Y: 50 to 297 mm (in 1 mm increments)  Inch X: 2.00 to 17.00" (in 1" increments) Y: 2.00 to 11.69" (in 1" increments)	Enter the size not included in the standard sizes 1 and 2.*2 When you have selected [Size Entry], press [+] or [-] to set the sizes of "X" (horizontal) and "Y" (vertical). Press [# Keys] to use the numeric keys for entry.

For instructions on how to specify the custom original sizes (Custom 1 to 4), refer to Custom Original Size on page 8-10. If "Custom Original Size" is set to [Off], this does not appear.

The input units can be changed in System Menu. For details, refer to Measurement on page 8-14.



Be sure to always specify the original size when using custom size originals.

## **Paper Selection**







Select the cassette or multi-purpose tray that contains the required paper size.

Select from [1] (Cassette 1) to [7] (Cassette 7) to use the paper contained in that cassette.

If [Auto] is selected, the paper matching the size of the original is selected automatically.

## **NOTE**

- Specify in advance the size and type of the paper loaded in the cassette (refer to <u>Cassette/MP Tray Settings on page 8-7</u>).
- Cassette 3 to Cassette 7 are displayed when the optional paper feeder is installed.

To select [MP tray], press [Paper Settings] and specify the paper size and the media type. The available paper sizes and media types are shown in the table below.

Item		Value	Description
Paper Settings	Standard Sizes 1	Metric models: A3, A4, A4-R, A5-R, A6-R, B4, B5, B5-R, B6-R, Folio, 216 x 340 mm	Select from the standard size.
		Inch models: Ledger, Letter, Letter-R, Legal, Statement, Executive, Oficio II	
	Standard Sizes 2	Metric models: Ledger, Letter, Letter-R, Legal-R, Statement, Executive, Oficio II, 8K, 16K, 16K-R Inch models: A3, A4, A4-R, A5-R, A6-R, B4, B5, B5-R, B6-R, Folio, 8K,	Select from standard sizes except Standard Sizes 1.
		16K, 16K-R, 216 x 340 mm	
	Others	ISO B5, Envelope #10 (Commercial #10), Envelope #9 (Commercial #9), Envelope #6 (Commercial #6 3/4), Envelope Monarch, Envelope DL, Envelope C5, Envelope C4, Hagaki, Oufuku hagaki, Youkei 4, Youkei 2 and Custom 1 to 4 <sup>*1</sup>	Select from special standard sizes and custom sizes.
	Size Entry  Metric  X: 148 to 457 mm (in 1 mm increments)  Y: 98 to 304 mm (in 1 mm increments)  Inch  X: 5.83 to 18.00" (in 0.01" increments)  X: 6.00 to 10.001" increments)  Enter the size not include the standard size.*  When you have select [Size Entry], press [+] set the sizes of "X" (horizontal) and "Y" (v		When you have selected [Size Entry], press [+] or [-] to
			numeric keys for entry.
Media type	Plain (105 g/m² or less), Transparency, Rough, Vellum (60 to 105 g/m²), Labels, Recycled, Preprint Bond, Cardstock, Color, Prepunched 3, Letterhead 4, Thick (106 g/m² and more), Envelope, Coate High Quality, Index Tab Dividers, Custom 1-8		abels, Recycled, Preprinted <sup>*3</sup> , d more), Envelope, Coated,

- For instructions on how to specify the custom paper sizes (Custom 1 to 4), refer to Custom Paper Size on page 8-10.
- The input units can be changed in System Menu. For details, refer to Measurement on page 8-14.
- For instructions on how to specify the custom paper types 1 to 8, refer to Media Type Setting on page 8-13. To print on preprinted or prepunched paper or on letterhead, refer to Special Paper Action on page 8-12.

#### ( IMPORTANT

When paper size and the media type for MP tray is specified, [Paper Settings] is selected. Note that if [Multipurpose tray] is pressed at this point, the settings will be canceled.

#### NOTE

- You can conveniently select in advance the size and type of paper that will be used often and set them as default (refer to MP Tray Setting on page 8-8).
- If the specified size of paper is not loaded in the paper source cassette or multi purpose tray, a confirmation screen appears. When [Auto] is selected and the same size of paper as the detected original size is not loaded, a paper confirmation screen appears. Load the required paper in the multi purpose tray and press [Continue] to start copying.

## **Mixed Size Originals**









Scans all sheets in the document processor, even if they are of different sizes.

#### Copying

#### **Metric Models**

Item		Value	Description	
Off				
Mixed Size Original Width Copies		Same Width, Different Width	Select options for the width of set original.	
Same Size Original Width		Same Width, Different Width	Select options for the width of set original.	
Copies	Top Page Direction	Long Edge Left, Short Edge Left	Select the original orientation of the first page.	

#### **Inch Models**

Item		Value	Description
Off			
Mixed Size Copies		_	Originals are detected individually for size and copied to the same size paper as originals.
Same Size Copies	Top Page Direction	Long Edge Left, Short Edge Left	Select the original orientation of the first page.

### Sending/Storing

Item	Value Description	
Mixed Size Originals	Off	
	Same Width	Scans and sends multiple sheets of the same width using the document processor.
	Different Width	Scans and sends multiple sheets of different width using the document processor.

#### **Supported Combinations of Originals**

#### Same Width

When the original widths are the same, the combinations of originals that can be placed are as follows.

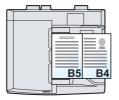


When mixing the original sizes as using the following combination: Folio and A4-R, make sure to set "Auto Detect Original Size" to [On] for "Folio". For details, refer to Auto Detect Original Size on page 8-11.

- B4 and B5
- Ledger and Letter (A3 and A4)
- Legal and Letter-R (Folio and A4-R)

#### Example: B4 and B5





#### Different Width (Available for metric models only)

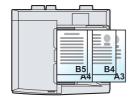
The supported combinations of originals are as follows.



- Up to 30 sheets can be placed in the document processor.
- When mixing the original sizes as using the following combination: A4-R, B5-R, and Folio, make sure to set "Auto Detect Original Size" to [On] for "Folio". For details, refer to <u>Auto Detect Original Size on page 8-11</u>.
- A3, B4, A4, B5
- B4, A4-R, B5
- A4-R, B5-R, Folio

Example: A3, B4, A4, B5







#### **IMPORTANT**

When placing originals of different width, arrange the originals so that their left sides and top sides are aligned, and place the originals in alignment with the far width guide. If the originals are not aligned in this way, they may not be scanned correctly, and skewing or original jams may result.

#### Selecting How to Copy Originals

Set the paper size (copy size) when printing scanned document. Select whether you wish to create individual copies on different size paper matching the original sizes or to produce all copies on the same size paper.



#### **NOTE**

This function is available regardless of whether originals have the same width or not.

#### **Mixed Size Copies**

Originals are detected individually for size and copied to the same size paper as originals.



#### Same Size Copies

Originals are all copied to the same size paper.



## **Original Orientation**









Select the orientation of the original document top edge to scan correct direction.

To use any of the following functions, the document's original orientation must be set.

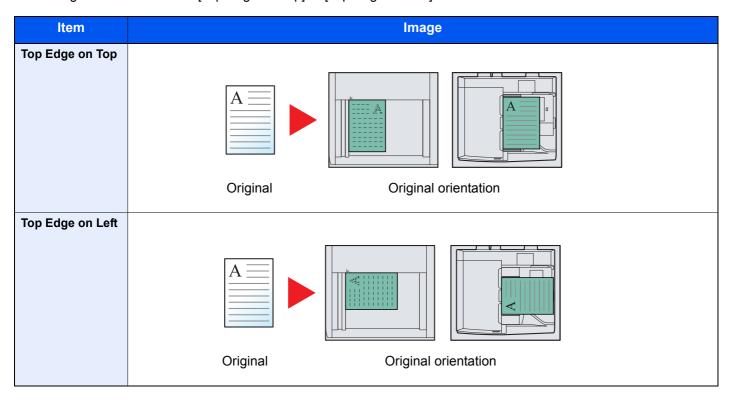
- Zoom (XY Zoom)\*
- Duplex\*
- Margin/Centering\*
- **Border Erase**
- Combine\*
- Memo mode\*
  - \* When making copies

- Page #\*
- Booklets\*
- Stapling/Punch (optional feature)\*
- 2-sided/Book Original
- Text Stamp\*
- Bates Stamp\*

## **NOTE**

If [On] is selected in the setting for Orientation Confirmation (page 8-16) in System Menu, the selection screen for original orientation appears when you select any of the above functions.

Select original orientation from [Top Edge on Top] or [Top Edge on Left].





The default setting for Original Orientation can be changed. Refer to Orientation Confirmation on page 8-16 for details.

## **Fold**







Functions

Folds the finished documents.

Select the fold method.

The following folding options and orientations are available.

	Orig	jinal orientation	Orientation: Landscape	Orientation: Portrait
Itom			A VIII VIII VIII VIII VIII VIII VIII VI	
Item Bi-Fold				
2				
	Saddle St	itch	A	
Tri-Fold Inside	R to L/B to T	A	TA TO THE REPORT OF THE PARTY O	
		L to R/T to B		
	Outside	R to L/B to T	A	A
		L to R/T to B		



Folding requires the optional 4,000-sheet finisher and the folding unit.

For details on paper sizes and numbers of sheets that can be folded, refer to Center-Folding Unit (Option) on page 11-<u>32</u>.

## **Collate/Offset**







Offsets the output by page or set.

Item	Image	Description
Collate		Scans multiple originals and delivers complete sets of copies as required according to page number.
Offset	Without Document Finisher (Option)	When offsetting is used, printed copies are produced after rotating each set (or page*) by 90 degrees.  NOTE  To use offsetting, the same size of paper as the selected paper tray must be loaded in a different orientation in a different paper tray.  The paper sizes supported in Offset are A4, B5, Letter and 16K.
	With Document Finisher (Option)	When offsetting is used, printed copies are produced after rotating each set (or page*) by 90 degrees.  NOTE  The optional 1,000-sheet finisher or 4,000-sheet finisher is required.  The paper sizes supported in Offset are A3, B4, A4, B5, Letter, Legal, Ledger, Oficio II, 8K, 16K, 216 x 340 mm and Folio.

<sup>\*</sup> If [Off] is selected for "Collate" setting, [Each Page] appears. When [On] is selected, [Each Set] appears.

## Staple/Punch







#### **Staple**

Staples the finished documents. The staple position can be selected.

Item	Value	Description
Staple	Top Left	Select the staple position. For details on original orientation
	Top Right	and staple position, refer to Original Orientation and Staple Position on page 6-19.
	2 staples Left	
	2 staples Top	
	2 staples Right	
	Saddle Stitch	Select whether to fold the finished documents in two with staples in the center.  When placing originals, be sure to place the cover page at the bottom. For details on saddle stitching, refer to Booklet on page 6-41.
Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

### NOTE

Stapling requires the optional 1,000-sheet finisher or 4,000-sheet finisher. Note also that saddle stitching (center stapling) requires the folding unit.

For details on paper sizes and numbers of sheets that can be stapled, refer to <u>1,000-sheet Finisher (Option) on page 11-30</u> or <u>4,000-sheet Finisher (Option) on page 11-31</u>.

#### **Original Orientation and Staple Position**

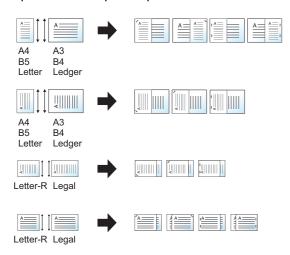
Original orientation	Top Edg	e on Top	Top Edg	e on Left
Paper orientation	A <u>=</u>	A E		A A
Cassette paper load direction				
Cassette paper load direction				

NOTE

B5-R and 16K-R "one staple" is not diagonal.

#### **Mixed Size Stapling**

Even with mixed paper sizes, if the sizes have the same width or same length as shown in the combinations below, the output can be stapled. Up to 30 sheets can be stapled.



- A3 and A4
- B4 and B5
- Ledger and Letter
- Ledger and Letter-R
- 8K and 16K



When performing Mixed Size Stapling, refer to Mixed Size Originals on page 6-14.

#### **Punch**

Punches holes in sets of finished documents.



#### **NOTE**

- The optional document finisher (1,000-sheet finisher or 4,000-sheet finisher) and punching unit are required.
- For details on paper sizes that can be punched, refer to Hole Punch Unit (Option) on page 11-31.
- · The inch model provides two-hole and three-hole punching. The metric model provides two-hole and four-hole punching.

Item	Value	Description
Punch	2 holes Left	Select the position of punch holes. For details on original
	2 holes Top	orientation and position of punch holes, refer to Original Orientation and Punch Hole Position on page 6-21.
	2 holes Right	
	3 holes Left	
	3 holes Top	
	3 holes Right	
	4 holes Left	
	4 holes Top	
	4 holes Right	
Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

#### **Original Orientation and Punch Hole Position**

lm	age	Original o	rientation
Original	Print results	Glass platen	Document processor
A			A
A	• Y		
A			A
\text{\tin}\exitt{\text{\tin}\text{\tex{\tex			A

## NOTE

The inch model provides two-hole and three-hole punching. The metric model provides two-hole and four-hole punching.

## **Paper Output**







Set paper output to document finisher or job separator tray.

Item	Description		
Inner Tray*	Inner tray of the machine (where copies are stored)		
Finisher Left Tray, Finisher Top Tray	Tray of the optional 1,000-sheet finisher		
Tray A, Tray B, Tray C	Trays A to C in the optional 4,000-sheet finisher		
Right Tray	Optional right job separator		
Job Separator*	Optional inner job separator		
Tray 1 to 7	Trays 1 to 7 in the optional mailbox (tray 1 is the top tray)		

This cannot be selected when the optional 1,000-sheet finisher or 4,000-sheet finisher is installed.



- The setting for this function can be configured only when the optional job separator and/or document finisher (1,000-sheet finisher or 4,000-sheet finisher) are installed.
- The default setting for Paper Output can be changed. For details, refer to Paper Output on page 8-16.
- When [Heavy 3] (164 g/m<sup>2</sup> -) or higher is set in Paper Weight and Mailbox (Option) is set for the output destination, the output destination is automatically changed to a tray that can be used.

## **Density**









Adjust density using 7 or 13 levels.

Adjust density pressing [-3] (Lighter) to [+3] (Darker). You can change the density level [-3] (Lighter) to [+3] (Darker) in half-steps.



## **Original Image**







Color/ Image Quality



Functions

Color/ Image Quality

Select original image type for best results.

#### Copying/Printing

Item	Value	Description	
Text+Photo*1 *2	Printer Output	Best for mixed text and photo documents printed on this machine originally.	
	Book/Magazine	Best for mixed text and photos printed in a magazine, etc.	
Photo	Printer Output	Best for photos printed on this machine originally.	
	Book/Magazine	Best for photos printed in a magazine, etc.	
	Photo Paper	Best for photos taken with a camera.	
Text*1	Off (Light Text/Fine Line)	Best for documents that are mostly text and were originally printed on this machine.	
	On (Light Text/Fine Line)	Sharply renders pencil text and fine lines.	
Graphic/Map <sup>*1</sup>	Printer Output	Best for maps and diagrams printed on this machine originally.	
	Book/Magazine	Best for maps and diagrams printed in a magazine.	

<sup>\*1 &</sup>quot;Highlighter" can be selected.

Select to bring out text and markings made with a highlighter pen. Reproduces the color of the highlighter pen to the extent possible.

### Sending/Storing

Item	Description	
Text+Photo	Best for mixed text and photo documents.	
Photo	Best for photos taken with a camera.	
Text*	Sharply renders pencil text and fine lines.	

<sup>\*</sup> The setting "for OCR" can be configured. (Value: [Off] / [On]) When [On] is selected, scanning produces an image that is suitable for OCR. This function is only available when Color Selection is set to Black and White. For details, refer to Color Selection on page 6-24.

<sup>\*2</sup> If gray text is not printed completely using [Text + Photo], selecting [Text] may improve the result.

## **EcoPrint**







EcoPrint saves toner when printing. Use this function for test prints or any other occasion when high quality print is not required. Adjustment can be made in 5 levels.







Item Value		Description	
Off			
On	[1] (Low) to [5] (High)	Adjust the Toner Save Level.	

## **Color Selection**











Color/ Image Quality

Select the color mode setting.

### Copying

Item		Description			
Auto Color		Automatically recognizes whether documents are color or black and white.			
Full Color		Prints documents in full color.			
Black & White		Prints documents in black and white.			
Single Color	Cyan	Specify one of the colors and produce copies in that color regardless of original			
	Magenta	type.			
	Yellow				
	Red				
	Green				
	Blue				

## **Printing**

Item	Description
Auto Color (Color/Gray)*	The color of the stored document is automatically detected. A color document is printed in full color, and a black & white document is printed in grayscale.
Auto Color (Color/B & W)*	The color of the stored document is automatically detected. A color document is printed in full color, and a black & white document is printed in black & white.
Full Color	Prints documents in full color.
Grayscale*	Prints documents in grayscale.
Black & White	Prints documents in black and white.

<sup>\*</sup> Not displayed when printing from removable memory.

## Sending/Storing

Item	Description		
Auto Color (Color/Gray)	Automatically recognizes whether the document is color or black and white, and scan color documents in Full Color and black and white documents in Grayscale.		
Auto Color (Color/B & W)	Automatically recognizes whether the document is color or black and white, and scan color documents in Full Color and black and white documents in Black and White.		
Full Color	Scans the document in full color.		
Grayscale	Scans the document in grayscale. Produces a smooth, detailed image.		
Black & White	Scans the document in black and white.		

## **Color Balance**





Adjust the strength of cyan, magenta, yellow, and black. Adjustment can be made in 11 levels.

#### Example:



Item		Value	Description
Off			
On	Cyan	-5 to 5	Press [<] or [>] on each side of the color (Cyan, Magenta Yellow, Black) to adjust each color.
	Magenta		reliow, black) to adjust each color.
	Yellow		
	Black		



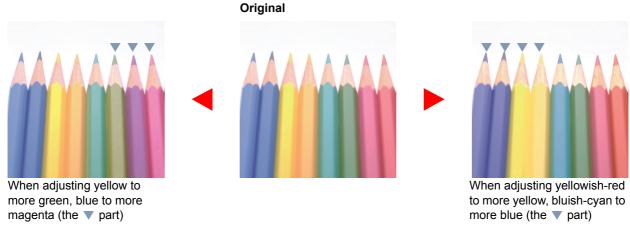
This feature is used with full color and auto color copying.

## **Hue Adjustment**

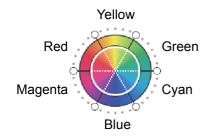




Adjust the color (hue) of images. Make adjustments such as adjusting red to a strong yellow-red or yellow to a strong green-yellow to make more creative copies.



The following settings can be set.



Item	Description		
Off			
All	Adjust hue for all colors.  Press [5] or [6] to adjust the hue.		
Individual	Select individual colors to adjust the hue.  Select [Red], [Magenta], [Blue], [Yellow], [Green] or [Cyan] and then press [ ) or [ ] to adjust the hue.		



This feature is used with full color and auto color copying.

These adjustments are especially useful on rich color images.

## **One-touch Image Adjust**





Adjust images as desired to more [Vivid] or more [Muted] images.



This feature can be used with full color and auto color.

The following settings can be set.

After selecting [Portrait Photo], [Landscape Photo (Blue)] or [Landscape Photo (Green)], press [Color Shade], select from the 3 colors, and press [OK].

	Item		Before	After	Description
Off					
[Portrait Photo]	Color Shade	[Portrait 1]	800	900	Gives skin color a warm, rosy look.
		[Portrait 2]		909	Gives skin color a tanned look.
		[Portrait 3]		900	Gives skin color a whiter look.
[Landscape Photo (Blue)]	Color Shade	[Blue 1]			Makes blue more vivid.
		[Blue 2]			Makes blue a true blue without any green.
		[Blue 3]			Gives blue a greenish (emerald green) tint.
[Landscape Photo (Green)]	Color Shade	[Green 1]			Makes green more vivid.
		[Green 2]			Gives green a yellowish-green tint.
		[Green 3]			Gives green a slightly bluish tint.

Item	Before	After	Description
[Vivid]			Increases saturation for a more vivid effect.
[Muted]			Reduces saturation for a calmer effect.
[Sharp]			Increases contrast for a more pronounced image.
[Smooth]			Reduces contrast for a softer image.
[Light]			Makes overall color lighter and less vivid for a bright and light feel.
[Dark]			Makes overall color darker for a heavier feel.

## NOTE

Select from one of the 9 available One Touch Image Adjust types. Multiple selections are not possible.

## **Sharpness**







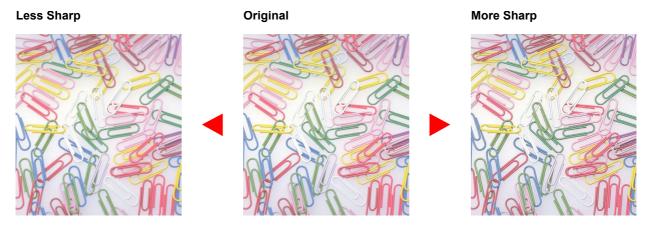
Color/ Image Quality



Adjusts the sharpness of image outlines.

When copying penciled originals with rough or broken lines, clear copies can be taken by adjusting sharpness toward "Sharpen". When copying images made up of patterned dots such as magazine photos, in which moire\* patterns appear, edge softening and weakening of the moire effect can be obtained by setting the sharpness toward "Blur".

When [All] is selected, press [-3] to [3] (Blur - Sharpen) to adjust the sharpness. When [Text/Fine Line] is selected, press [0] to [3] (Normal - Sharpen) to adjust the sharpness.



Item	Value	Description	
All	1 to 3 (Sharpen) Emphasizes the image outline.		
	-1 to -3 (Blur)	Blurs the image outline. Can weaken a Moire* effect.	
Text/Fine Line	0 to 3 (Normal - Sharpen)	Makes letters and lines appear sharper. Only text and fine lines are emphasized.	

<sup>\*</sup> Patterns that are created by irregular distribution of halftone dots.

## **Background Density Adj.**









Removes dark background from originals, such as newspapers. This feature is used with full color and auto color. Background Density Adjust is disabled if Auto Color detects black and white originals.

If the ground color is obtrusive, select [Auto]. If [Auto] does not remove the ground color, select [Manual] and adjust the density of the ground color.

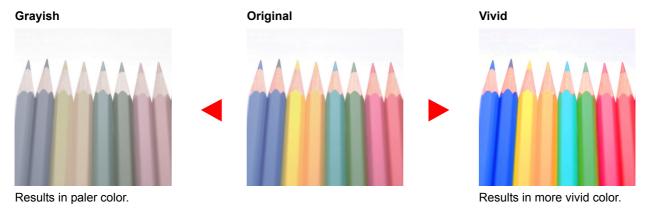
Item	Description	
Off Does not adjust the ground color.		
Auto	Automatically adjusts the background density based on the original.	
Manual	Manually adjust the density in 5 levels. When [Manual] is selected, press [1] to [5] (Lighter - Darker) to adjust the background density.	

## **Saturation**





The color saturation of the image can be adjusted in 7 levels. Press [-3] to [+3] (Grayish - Vivid) to adjust the saturation.





This feature is used with full color and auto color. Saturation is disabled if Auto Color detects black and white originals.

### **Prevent Bleed-thru**

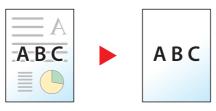








Hides background colors and image bleed-through when scanning thin original. ( $\mbox{Value}$ : [Off] / [On])



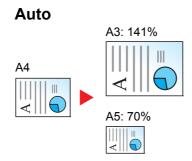
## Zoom



Adjust the zoom to reduce or enlarge the image.

### Copying

The following zoom options are available.



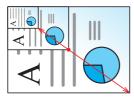
Adjusts the image to match the paper size.

#### **Standard Zoom**

Reduces or enlarges at preset magnifications.

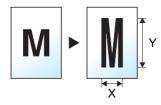
Model	Zoom Level (Original Copy)	Model	Zoom Level (Original Copy)
Inch Models	Auto 400% (Max.) 200% (STMT >>Ledger) 154%(STMT >> Legal) 129% (Letter >> Ledger) 121% (Legal >> Ledger) 100% 78% (Legal >> Letter) 77% (Ledger >> Legal) 64% (Ledger >> Letter) 50% (Ledger >> STMT) 25% (Min.)	Metric Models	Auto 400% (Max.) 200% (A5 >> A3) 141% (A4 >> A3, A5 >> A4) 127% (Folio >> A3) 106% (11×15" >> A3) 100% 90% (Folio >> A4) 75% (11×15" >> A4) 70% (A3 >> A4, A4 >> A5) 50% 25% (Min.)
		Metric Models (Asia Pacific)	Auto 400% (Max.) 200% (A5 >> A3) 141% (A4 >> A3, B5 >> B4) 122% (A4 >> B4, A5 >> B5) 115% (B4 >> A3, B5 >> A4) 100% 86% (A3 >> B4, A4 >> B5) 81% (B4 >> A4, B5 >> A5) 70% (A3 >> A4, B4 >> B5) 50% 25% (Min.)

### **Zoom Entry**



Manually reduces or enlarges the original image in 1% increments between 25% and 400%.

#### **XY Zoom**



Select vertical and horizontal magnifications individually. Magnifications can be set in 1% increments between 25% and 400%.

Item		Value	Description	
Standard Zoom		Metric [# Keys] 25 to 400% (in 1% increments) 100%, Auto, 400% Max., 200% A5>>A3, 141% A4>>A3 B5>>B4, 127% Folio>>A3, 106% 11x15">>A3, 90% Folio>>A4, 75% 11x15">>A4, 70% A3>>A4 A4>>A5, 50%, 25% Min. Metric (Asia Pacific) [# Keys] 25 to 400% (in 1% increments) 100%, Auto, 400% Max., 200% A5>>A3, 141% A4>>A3 B5>>B4, 122% A4>>B4 A5>>B5, 115% B4>>A3 B5>>A4, 86% A3>>B4 A4>>B5, 81% B4>>A4 B5>>A5, 70% A3>>A4 B4>>B5, 50%, 25% Min. Inch [# Keys] 25 to 400% (in 1% increments) Auto, 100%, 400% Max., 200% STMT>>Ledger, 154% STMT>>Ledger, 154% STMT>>Ledger, 121% Legal>>Ledger, 77% Ledger>>Letter, 77% Ledger>>Letter, 50% Ledger>>STMT, 25% Min.	Select a preset ratio.  Press [Auto] to use Auto Zoom.  Press [+] or [-] to change the displayed magnification as desired. Press [# Keys] to use the numeric keys for entry.	
XY Zoom		X: 25 to 400% (in 1 mm increments) Y: 25 to 400% (in 1 mm increments)	Select vertical and horizontal magnifications individually.  Press [+] or [-] to change the displayed magnifications of "X" (horizontal) and "Y" (vertical).  Press [# Keys] to use the numeric keys for entry.	
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction.  Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].	

### Printing/Sending/Storing

Item	Description	
100%	Reproduces the original size.	
Auto	Reduces or enlarges original to printing/sending/storing size.	

#### **NOTE**

• To reduce or enlarge the image, select the paper size, sending size, or storing size.



Paper Selection (page 6-13) Sending Size (page 6-65) Storing Size (page 6-72)

• Some combinations of original size and paper size or sending size may cause the image to be positioned at the edge of the paper. To center the original vertically and horizontally on the page, use the Centering function described in Margin/Centering, Margin, Centering on page 6-38.

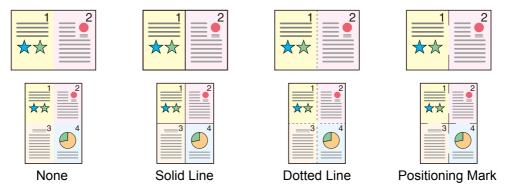
## **Combine**





Combines 2 or 4 original sheets into 1 printed page. You can select the page layout and the type of boundary lines around the pages.

The following types of the boundary lines are available.



Press [2 in 1] or [4 in 1], and select the page layout from "Layout".

	Item	Value	Description
Off			
2 in 1	Layout	L to R/T to B, R to L/B to T	Select the page layout of scanned originals.
	Border Line	None, Solid Line, Dotted Line, Positioning Mark	Select the boundary line type.  Press [Border Line] to select the page boundary line, and press [OK].
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction.  Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].
4 in 1	Layout	Right then Down, Left then Down, Down then Right, Down then Left	Select the page layout of scanned originals.
	Border Line	None, Solid Line, Dotted Line, Positioning Mark	Select the boundary line type.  Press [Border Line] to select the page boundary line, and press [OK].
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction.  Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

## Layout image



## NOTE

The paper sizes supported in Combine mode are A3, A4-R, A4, A5-R, B4, B5-R, B5, Folio, 216 x 340 mm, Ledger, Letter-R, Letter, Legal, Statement-R, Oficio II, 8K, 16K-R and 16K.

When placing the original on the platen, be sure to copy the originals in page order.

# Margin/Centering, Margin, Centering









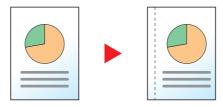
### Copying/Printing

Add margins (white space). In addition, you can set the margin width and the back page margin. Centering: Centers the original image on the paper when copying onto paper different from the original size.



### **NOTE**

The default setting for margin width can be changed. For details, refer to Margin Default on page 8-18.



	Item	Value	Description	
Off				
Margin	Left/Right Top/Bottom	Metric: -18 mm to +18 mm (in 1 mm increments) Inch: -0.75 to +0.75"	Set the margin width.* <sup>1</sup> Use [+] or [-] to enter the margins for "Left/ Right" and "Top/Bottom". Press [# Keys] to use	
	Back Page	(in 0.01" increments)  Auto, Manual	the numeric keys for entry.  For duplex copying, press [Back Page] and select [Auto] or [Manual].	
			When [Auto] is selected, an appropriate margin is applied automatically on the rear page depending on a margin specified for the front page and a binding orientation.	
			When [Manual] is set, you can set a different margin than the front on the back. Set the margin in the screen that is displayed. The setting selections are the same as for the front.	
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction.	
			Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].	
Centering* <sup>2</sup>	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction.	
			Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].	

<sup>\*1</sup> The input units can be changed in System Menu. For details, refer to Measurement on page 8-14.

Not displayed when printing from removable memory.

### Sending/Storing

When you have sent/stored the original after specifying the original size and sending size, depending on these sizes, a margin is created at the bottom, left, or right side of paper. By using the Centering function, the image is placed with a margin equally created for all edges.

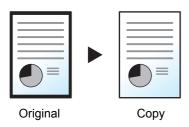
(Value: [Off] / [On])

### **Border Erase**



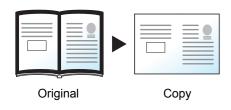
Erases the black border that forms around the image. The following modes are available.

#### **Border Erase Sheet**



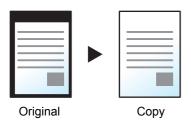
Erases black borders around the single sheet original.

#### **Border Erase Book**



Erases black borders around the edges and in the middle of the original such as a thick book. You can specify the widths individually to erase the borders around the edges and in the center of the book.

#### Individual Border Erase



You can specify border erase widths individually for all edges.

### NOTE

- The default setting for border erase width can be changed. For details, refer to Border Erase Default on page 8-17.
- The default width for back page can be changed. For details, refer to Border Erase to Back Page on page 8-18.

Ite	em	Value	Description
Border Erase Sheet	Border	Metric: 0 mm to 50 mm (in 1 mm increments) Inch: 0.00 to 2.00" (in 0.01" increments)	Set the border erase width.* Set the value by pressing [+] or [-]. Press [# Keys] to use the numeric keys for entry.
	Back Page	Same as Front Page, Do Not Erase	For 2-sided originals, press [Back Page] and then press [Same as Front Page] or [Do Not Erase].
Border Erase Book	Border	Metric: 0 mm to 50 mm (in 1 mm increments)	Set the border erase width.* Set the value by pressing [+] or [-].
	Gutter	Inch: 0.00 to 2.00" (in 0.01" increments)	Press [# Keys] to use the numeric keys for entry.
	Back Page	Same as Front Page, Do Not Erase	For 2-sided originals, press [Back Page] and then press [Same as Front Page] or [Do Not Erase].
Individual Border	Тор	Metric: 0 mm to 50 mm	Set the border erase width.*
Erase	Bottom	(in 1 mm increments)	Set the value by pressing [+] or [-]. Press [# Keys] to use the numeric keys for
	Left	Inch: 0.00 to 2.00" (in 0.01" increments)	entry.
	Right	( 5.5 :5.556)	
	Back Page	Same as Front Page, Do Not Erase	For 2-sided originals, press [Back Page] and then press [Same as Front Page] or [Do Not Erase].
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

<sup>\*</sup> The input units can be changed in System Menu. For details, refer to Measurement on page 8-14.

### **Booklet**



The Booklet option allows you to copy sheet originals and produce booklets such as small brochures or pamphlets. A booklet, such as a magazine, is made by folding at the center.

You can print the cover page onto colored paper or thick paper. Paper for the cover is supplied from the multi purpose tray. To feed the cover paper from the cassette, refer to Paper Source for Cover on page 8-12.



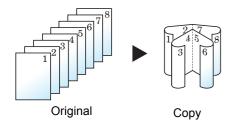
### NOTE

Using the optional 4,000-sheet finisher and the folding unit enables you to saddle stitch your copies (fold them in two with staples in the center). Supported paper sizes are A3, B4, A4-R, Ledger, Legal, Letter-R, and 8K.

Type of original	Original size	Paper size
One-sided original, Two-sided original	All*	A3, B4, A4, A4-R, B5, B5-R, Ledger, Legal, Letter and Letter-R
Book Original	A3, B4, A4-R, B5-R, A5-R, Ledger, Letter-R and 8K	

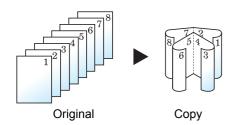
Except for custom sized originals.

### Binding on the left side



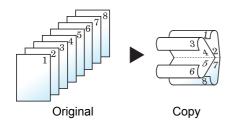
The folded copies can be read from left to right.

### Binding on the right side



The folded copies can be read from right to left.

### Top binding



The folded copies can be read from top to bottom.

	Item		Value	Description
Off				
1-sided>> Booklet	Finishing		Binding Left, Binding Right, Binding Top	Select the binding orientation of copies.
	Cover	Off	·	
		Cover: Front Cover Print Setting	Not Print, Front Only, Back Only, Duplex	Select whether to add the cover. Select the printing method for the cover to be inserted.  Press [Cover], and then [Cover], and specify
		Cover: Back Cover Print Setting	Not Print, Front Only, Back Only, Duplex	the print setting for the cover to be inserted. Select from [Not Print], [Back Only], [Front Only], and [Duplex], and press [OK].
	Staple/Fold	1	Fold Only, Saddle Stitch	To fold finished copies in half, press [Staple/Fold] and then press [Fold Only].  To use saddle stitching, press [Staple/Fold] and then press [Saddle Stitch].
	Original O	rientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].
2-sided>> Booklet	Original		Binding Left/Right, Binding Top	Select the binding direction of originals.
	Finishing		Binding Left, Binding Right, Binding Top	Select the binding orientation of copies.
	Cover	Off		
		Cover: Front Cover Print Setting	Not Print, Front Only, Back Only, Duplex	Select whether to add the cover. Select the printing method for the cover to be inserted.  Press [Cover], and then [Cover], and specify
		Cover: Back Cover Print Setting	Not Print, Front Only, Back Only, Duplex	the print setting for the cover to be inserted. Select from [Not Print], [Back Only], [Front Only], and [Duplex], and press [OK].
	Staple/Fold	1	Fold Only, Saddle Stitch	To fold finished copies in half, press [Staple/Fold] and then press [Fold Only].  To use saddle stitching, press [Staple/Fold] and then press [Saddle Stitch].
	Original Orientation		Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

	Item	Value	Description
Book>>Booklet	Original	Binding Left, Binding Right	Select the binding direction of originals.
	Finishing	Binding Left, Binding Right	Select the binding orientation of copies.
	Cover	Off, Cover	Select whether to add the cover. Press [Cover] to select [Cover], and press [OK].
	Staple/Fold	Fold Only, Saddle Stitch	To fold finished copies in half, press [Staple/Fold] and then press [Fold Only].
			To use saddle stitching, press [Staple/Fold] and then press [Saddle Stitch].
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

### **NOTE**

- The number of sheets that can be folded or Saddle Stitch stapled varies depending on paper weight. For details, refer to Center-Folding Unit (Option) on page 11-32.
- When placing the original on the platen, be sure to place the originals in page order.

# **Duplex**



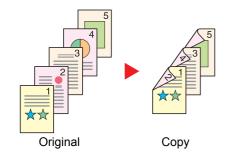




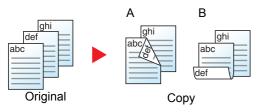
Produces two-sided copies.

You can also create single-sided copies from two-sided originals or originals with facing pages such as books. The following modes are available.

#### One-sided to Two-sided



Produces two-sided copies from one-sided originals. In case of an odd number of originals, the back side of the last copy will be blank.



The following binding options are available.

- A Original Left/Right to Binding Left/Right: Images on the second sides are not rotated.
- B Original Left/Right to Binding Top: Images on the second sides are rotated 180 degrees. Copies can be bound on the top edge, facing the same orientation when turning the pages.

### Two-sided to One-sided

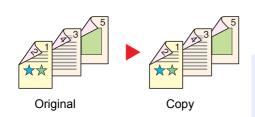


Copies each side of a two-sided original onto two individual sheets. The optional document processor is required.

The following binding options are available.

- Binding Left/Right: :Images on the second sides are not rotated.
- Binding Top: Images on the second sides are rotated 180 degrees.

### Two-sided to Two-sided



Produces two-sided copies from two-sided originals. The optional document processor is required.



#### NOTE

The paper sizes supported in Two-sided to Two-sided mode are A3, B4, A4, A4-R, B5, B5-R, A5-R, Ledger, Legal, Letter, Letter-R, Executive, Statement-R, Oficio II, 216 x 340 mm and Folio.

### **Book to One-sided**



Produces a 1-sided copy of a 2-sided or open book original.

The following binding options are available.

Binding Left: Originals with facing pages are copied from left to right. Binding Right: Originals with facing pages are copied from right to left.

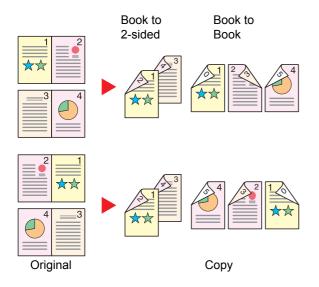


### **◯** NOTE

The original sizes supported in Book to One-sided mode are Ledger, Letter-R, A3, A4-R, A5-R, B4, B5-R and 8K.

The supported paper sizes are A4, B5, Letter and 16K. You may change paper size and reduce or enlarge copy to match that size.

### **Book to Two-sided**



Produces two-sided copies from an open book original with facing pages.



### NOTE

The original sizes supported in Book to Two-sided mode are A3, B4, A4-R, B5-R, A5-R, Ledger, Letter-R and 8K. The supported paper sizes are A4, B5 and Letter.

### Copying

Prints 1-sided or open book originals to 2-sided, or 2-sided or open book originals to 1-sided. Select the binding orientation for original and finished documents.

Ite	em	Value	Description
1-sided>>1-sided		_	Disables the function.
1-sided>>2-sided	Finishing	Binding Left/Right, Binding Top	Select the binding orientation of copies.
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].
2-sided>>1-sided	Original	Binding Left/Right, Binding Top	Select the binding orientation of originals.
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].
2-sided>>2-sided	Original	Binding Left/Right, Binding Top	Select the binding direction of originals.
	Finishing	Binding Left/Right, Binding Top	Select the binding orientation of copies.
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].
Book>>1-sided	Original	Binding Left, Binding Right	Select the binding direction of originals.
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction.
Book>>2-sided	Original	Binding Left, Binding Right	Select the binding direction of originals.
	Finishing	Book>>2-sided, Book>>Book	Select the desired Duplex option.
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

When placing the original on the platen, consecutively replace each original and press the [Start] key.

After scanning all originals, press [Finish Scan] to start copying.

### **Printing**

Print a document to 1-sided or 2-sided sheets.

Item	Value	Description
1-sided	_	Disables the function.
2-sided	Left/Right	Prints a 2-sided document so that the sheets are aligned properly for binding on the left or right.
	Тор	Prints a 2-sided document so that the sheets are aligned properly for binding on the top.

### Cover



Adds a cover to the finished copies. You can print the first page and/or the last page onto colored paper or thick paper fed from the different paper source than the regular one. The following two options are available. Paper for the cover is supplied from the multi purpose tray. To feed the cover paper from the cassette, refer to <a href="Paper Source for Cover on page 8-12">Paper Source for Cover on page 8-12</a>.

The printing method can be set for the covers. Specify a print setting for each cover.

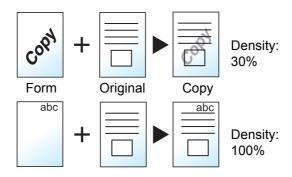
Item		Value	Description
Front Cover		Not Print, Front Only, Back Only, Duplex	Different paper is inserted for the first page of the document.
			Select [Stop Printing], [Front Only], [Back Only], or [Duplex] for the print setting of the inserted paper.
Front and Back	Front Cover Print Setting	Not Print, Front Only, Back Only, Duplex	Different paper is inserted for the first page and last page of the document.
Back Cover Print Setting		Duplex	
		Not Print, Front Only, Back Only, Duplex	Select [Stop Printing], [Front Only], [Back Only], or [Duplex] for the print setting of the inserted paper.

# **Form Overlay**



Prints the original document overlaid with a form or image. Once you scan and register the form, the form is overlaid onto the original. You can also use a form that is already registered in the Job Box.

Place the original for the form on top of the other originals. When using the optional document processor, the first page of the originals should be placed on the top.



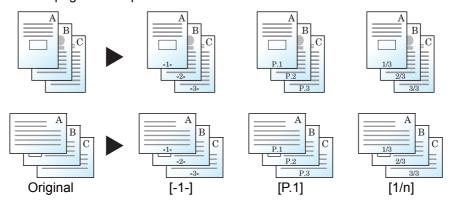
It	em	Value	Description
Off			
Select Stored Form	Density	10% to 100%	Specify the density of the form to be overlaid.  Press [+] or [-] in "Density".
	Finishing Image	Transparent	The form is overlaid on the document.
		Form on Original Image	The form is placed on top of the document.
		Original Image on Form	The form is placed under the document.
	Select Form*	_	Select the form to be overlaid from Job Box.  Press [Select Form] to display the document boxes that store documents which can be used as a form. Select the desired form from the list and press [OK].
Scan New Form	Density	10% to 100%	Specify the density of the form to be overlaid.  Press [+] or [-] in "Density".
	Finishing Image	Transparent	The form is overlaid on the document.
		Form on Original Image	The form is placed on top of the document.
		Original Image on Form	The form is placed under the document.

<sup>\*</sup> Form must be previously registered in Job Box. For details, refer to Form for Form Overlay on page 5-67.

# Page #



Adds page numbers to the finished documents. The available formats for numbering are [-1-], [P.1] and [1/n]. The format [1/n] prints the total number of pages in the place of "n".



Select the numbering format from [-1-], [P.1] or [1/n].

	Item		Value	Description
Off				
-1-, P.1, 1/n	1/n Position		Top Left, Top Middle, Top Right, Bottom Left, Bottom Middle, Bottom Right, Detail	Select the print position of page number.  Press [Detail] to set the stamp position using numeric values, and to set the stamp position ([Same as Front Page], [Mirror Front Page]) when a stamp is placed on the back side of the paper in duplex printing.
	1st Page	•	1 to 10	To start page numbering from a page other than the first page, press [+] or [-] in "1st Page" to specify the starting page. Press [# Keys] to use the numeric keys for entry.
	Start #		1 to 999	To start the numbering with a number other than 1, press [+] or [-] in "Start Number" to specify the starting number. Press [# Keys] to use the numeric keys for entry.
	Last Page		-10 to 0	If you do not want page numbering through to the last page, press [Last Page]. Select [Manual] and use [+] or [-] to specify the final page to be numbered (a negative number of pages counting backwards from the last page), and then press [OK]. Specify the desired number up to -10. Press [# Keys] to use the numeric keys for entry.
	Font	Size	Font sizes registered in Text (Text Stamp) on page 8-20 are displayed.	Set the font size of page number.
		Style	None, Bold, Italic, Bold/Italic	Set the font style of page number.
		Font	Courier, Letter Gothic	Set the font of page number.
		Color	Black, Red, Green, Blue, Cyan, Magenta, Yellow, White	Set the color of page number.
		Density	10 to 100% (in 10% increments)	Set the density of the color of page number. Set the value by pressing [+] or [-].
		Display Pattern	Transparent, Clipping, Overwrite	Set the display method of page number.
	Denominator#*		Auto, Manual (1 to 999)	The total number of pages "n" in the format [1/n] can be changed manually. Press [Denominator #] and select [Manual]. Press [+] or [-] to enter the total number of pages and press [OK]. Press [# Keys] to use the numeric keys for entry.
	Original Orientation		Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

<sup>\*</sup> This item appears when [1/n] is selected.

# **Memo Page**



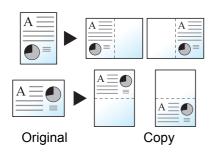
Delivers copies with a space for adding notes. You can also print two originals onto the same sheet with a space or add lines to indicate page boundaries.

Press [Layout A] or [Layout B] and select the page layout from "Layout".



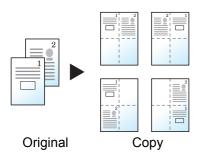
The paper sizes supported in Memo mode are A3, B4, A4, A4-R, B5, B5-R, A5-R, Ledger, Legal, Oficio II, 216 x 340 mm, Letter, Letter-R, Statement-R, Folio, 8K, 16K and 16K-R.

### Layout A



Reduces images of each original page for printing onto half of a page, leaving the other half blank for notes.

### Layout B



Reduces images of two original pages for printing onto half of a page, leaving the other half blank for notes.

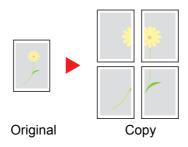
	Item	Value	Description
Off			
Layout A	Layout	Left/Top, Right/Bottom	Select how to lay out the pages of scanned original.
	Border Line	None, Solid Line, Dotted Line, Positioning Mark	Select the boundary line type. Press [Border Line] to select the page boundary line, and press [OK].
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].
Layout B	Layout	Top L to R, Top R to L, Top L to B, Top R to B	Select how to lay out the pages of scanned original.
	Border Line	None, Solid Line, Dotted Line, Positioning Mark	Select the boundary line type. Press [Border Line] to select the page boundary line, and press [OK].
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

## **Poster**



To use this device to make copies larger than the maximum paper size, use Poster mode to separate and copy an enlarged image onto multiple pages.

The completed copies have overlapping areas. A single large page can be created by pasting those areas together.



Choose one of the following 3 enlargement settings:

Item	Value	Description
Off		
Copy Size	Metric: A0, A1, A2 Inch: 34 × 44", 22 × 34", 17 × 22"	Metric: Select A0, A1 or A2 as finish size. Copy is enlarged according to the selected paper size. Inch: Select 34 × 44", 22 × 34" or 17 × 22" as finish size. Copy is enlarged according to selected paper size.
Zoom Priority	100 to 400% (in 1% increments)	Image will be output on the necessary number of copies for the specified zoom size.  Press [+] or [-] to change the displayed magnification as desired. Press [# Keys] to use the numeric keys for entry.
Number of Sheets	2 sheets, 4 sheets, 8 sheets	Copy is enlarged according to the specified number of sheets.



### **NOTE**

The supported original sizes are A3 and A4-R. The supported paper size is A3 only.

# **Image Repeat**



Tiles the 1 copied sheet with an original image. You can also specify the area of the original to repeat.

It	tem		Val	lue	Description
Off					
Zoom Priority		25 to 400% (in 1% increments)		crements)	Set the default screen.  Press [+] or [-] to change the displayed magnification as desired. Press [# Keys] to use the numeric keys for entry.
			Off		
Original	Сору	Repeat -	On: Start	Metric X1: 0 to 431 mm Y1: 0 to 296 mm Inch X1: 0.00 to 16.99" Y1: 0.00 to 11.68"	To set the area of the original to be repeated, press [On] for "Specify Repeat Area".  Press [+] or [-] to input the area of the original to be repeated.*  Press [# Keys] to use the numeric keys
			On: Area	Metric X2: 1 to 432 mm Y2: 1 to 297 mm Inch X2: 0.01 to 17.00" Y2: 0.01 to 11.69"	for entry.  Y1: Length from top left of platen to top edge of repeat area  X1: Length from top left of platen to left edge of repeat area  Y2: Height of repeat area  X2: Width of repeat area
Double Copy  Original	Copy	_			Makes 2 copies of the same original on a single sheet.  For example, you can double-copy an A4 original onto an A3 sheet which you then cut in half to make 2 copies that are identical to the original.

<sup>\*</sup> The input units can be changed in System Menu. For details, refer to Measurement on page 8-14.

# **Text Stamp**









You can add a text stamp on the documents.



This cannot be set when Text Stamp is set in the system settings. For details, refer to Print Job Status on page 8-21.

### **Copying/Printing**

	Item		Value	Description
Off				
On	Stamp		Keyboard, Template 1 to 8	Press [Keyboard] and enter the text string to be printed, or select a text stamp from the displayed templates.
				NOTE  Templates that have been set will appear.  For details on registering templates, refer to Text (Text Stamp) on page 8-20.
	Stamp Meth	od	Each Print Page, Each Original Page	Select the stamp method. Press [Stamp Method] and set the stamp method for text stamp.
	Position		Top Left, Top Middle, Top Right, Middle Left, Center, Middle Right, Bottom Left, Bottom Middle, Bottom Right, Detail	Set the stamp position to be printed.  Press [Position] and select the text stamp position.  Press [Detail] to set the stamp position using numeric values, and to set the stamp position and angle when a stamp is placed on the back side of the paper in duplex printing.
	Font Size		Registered font sizes are displayed. For details on registering font sizes, refer to Font (Text Stamp) on page 8-20.	Set the font size of text stamp.
		Character Border	Off, Circle, Rectangle, Underline	Set the character border and underline.
		Style	None, Bold, Italic, Bold/Italic	Set the font style of text stamp.
		Font	Courier, Letter Gothic	Set the font of text stamp.
		Color	Black, Red, Green, Blue, Cyan, Magenta, Yellow, White	Set the color of text stamp.
		Density	10 to 100% (in 10% increments)	Set the density of text stamp color. Set the value by pressing [+] or [-].
	Display Pattern		Transparent, Clipping, Overwrite	Set the display method of text stamp.
	Original Ori	entation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

## Sending/Storing

	Item		Value	Description
Off				
On	Stamp		Keyboard, Template 1 to 8	Press [Keyboard] and enter the text string to be printed, or select a text stamp from the displayed templates.
				NOTE
				Templates that have been set will appear. For details on registering templates, refer to Text (Text Stamp) on page 8-20.
	Position		Top Left, Top Middle, Top Right,	Set the stamp position to be printed.
			Middle Left, Center, Middle Right, Bottom Left, Bottom Middle,	Press [Position] and select the text stamp position.
			Bottom Right, Detail	Press [Detail] to set the stamp position using numeric values, and to set the stamp angle.
	Font	Size	Registered font sizes are displayed. For details on registering font sizes, refer to Font (Text Stamp) on page 8-20.	Set the font size of text stamp.
		Character Border	Off, Circle, Rectangle, Underline	Set the character border and underline.
		Style	None, Bold, Italic, Bold/Italic	Set the font style of text stamp.
		Font	Courier, Letter Gothic	Set the font of text stamp.
		Color	Black, Red, Green, Blue, Cyan, Magenta, Yellow, White	Set the color of text stamp.
	Density		10 to 100% (in 10% increments)	Set the density of text stamp color. Set the value by pressing [+] or [-].
		Display Pattern	Transparent, Clipping, Overwrite	Set the display method of text stamp.
	Original Ori	entation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

# **Bates Stamp**









You can add a bates stamp on the documents.



This cannot be set when Text Stamp is set in the system settings. For details, refer to Print Job Status on page 8-21.

### Copying/Printing

	Item		Value	Description
Off				
On	On Stamp  Position		Date, User Name, Serial Number, Numbering, Text 1, Text 2	Set the stamp to be printed.  When [Text 1] or [Text 2] is selected, press [Change] below and enter the text string.  If you selected [Date], press [Date Format] and select [MM/DD/YYYY], [DD/MM/YYYY], or [YYYY/MM/DD] to set the date format.  To set [Numbering], press [Numbering Default] and set the starting sequence number (1 to 9999999).
			Top Left, Top Middle, Top Right, Middle Left, Center, Middle Right, Bottom Left, Bottom Middle, Bottom Right, Detail	Set the stamp position to be printed.  Press [Position] and select the text stamp position.  Press [Detail] to set the stamp position using numeric values, and to set the stamp position when a stamp is placed on the back side of the paper in duplex printing.
	Font Size  Style  Font	Size	Registered font sizes are displayed. For details on registering font sizes, refer to Font (Bates Stamp) on page 8-20.	Set the font size of bates stamp.
		Style	None, Bold, Italic, Bold/Italic	Set the font style of bates stamp.
		Font	Courier, Letter Gothic	Set the font of bates stamp.
		Color	Black, Red, Green, Blue, Cyan, Magenta, Yellow, White	Set the color of the bates stamp.
		Density	10 to 100% (in 10% increments)	Set the density of bates stamp color. Set the value by pressing [+] or [-].
		Display Pattern	Transparent, Clipping, Overwrite	Set the display method of the bates stamp.
	Original Ori	entation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

## Sending/Storing

	Item		Value	Description
Off				
On	Stamp		Date, User Name, Serial Number, Numbering, Text 1, Text 2	Set the stamp to be printed. When [Text 1] or [Text 2] is selected, press
			<b>3</b> , ,	[Change] below and enter the text string.
				If you selected [Date], press [Date Format] and select [MM/DD/YYYY], [DD/MM/YYYY], or [YYYY/MM/DD] to set the date format.
				To set [Numbering], press [Numbering Default] and set the starting sequence number (1 to 9999999).
	Position		Top Left, Top Middle, Top Right, Middle Left, Center, Middle Right,	Set the stamp position to be printed.
			Bottom Left, Bottom Middle, Bottom Right, Detail	Press [Position] and select the text stamp position.  Press [Detail] to specify the stamp position using numeric values.
	Font	Size	Registered font sizes are displayed. For details on registering font sizes, refer to Font (Bates Stamp) on page 8-20.	Set the font size of bates stamp.
		Style	None, Bold, Italic, Bold/Italic	Set the font style of bates stamp.
		Font	Courier, Letter Gothic	Set the font of bates stamp.
		Color	Black, Red, Green, Blue, Cyan, Magenta, Yellow, White	Set the color of bates stamp.
		Density	10 to 100% (in 10% increments)	Set the density of bates stamp color. Set the value by pressing [+] or [-].
		Display Pattern	Transparent, Clipping, Overwrite	Set the display method of bates stamp.
	Original Orientation		Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

## **Continuous Scan**



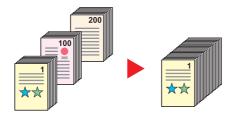






Scans a large number of originals in separate batches and then produce as one job. Originals will be scanned continuously until you press [Finish Scan].

Select [On] to use continuous scanning. To use Job Build, select [Job Build]. You can set the functions that appear on the screen during scanning.



### Job Build

When [Job Build] is selected when copying or printing, the binding orientation for finished documents can be selected from [Binding Left], [Binding Right] or [Binding Top].

The following functions can be selected during scanning.

Item	Description
Next Copy: On Back	In duplex copying, prints on the back side if the next page is to be printed on the front side. Press [Next Copy: On Back] to use this function.
Next Copy: On Front	In duplex copying, prints on the front side if the next page is to be printed on the back side. Press [Next Copy: On Front] to use this function.
Sheet Insertion	Inserts a blank paper in the next page. Press [Sheet Insertion] to use this function.

# **Auto Image Rotation**



Automatically rotates the image 90 degrees when the sizes of the original and the loaded paper matches but the orientations are different.

(Value: [Off] / [On])



- You can select whether to rotate the image automatically in the default settings. For details, refer to <a href="Auto Image">Auto Image</a> <a href="Rotation">Rotation</a> (Copy) on page 8-18.
- When you have enabled this function, you can select how the images are rotated. For details, refer to <u>Auto Image</u> <u>Rotation Action on page 8-28</u>.

# **Negative Image**



Inverts black and white portions of the image for printing.

(Value: [Off] / [On])



This function is only available for black and white copy mode.

# **Mirror Image**



Copies the mirrored image of the original.

(Value: [Off] / [On])

### **Job Finish Notice**





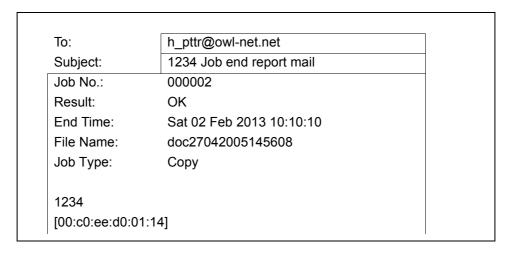




Sends E-mail notice when a job is complete.

Users can be notified of the completion of a job while working at a remote desk, saving the time spent waiting beside the machine to finish.

#### **Example of Job Finish Notice:**





PC should be configured in advance so that E-mail can be used. For details, refer to <u>Embedded Web Server RX on page 2-33</u>.

E-mail can be sent to a single destination.

Item		Description
Off		
Address Book		Select the notification destination from the address book.
Detail		Information on the selected destination can be viewed.
	Address Book	Select the notification destination on the address book screen, then press [OK].
Address Entry		Enter E-mail address directly. Press [E-mail Address], enter the address (up to 128 characters) and press [OK].

# **File Name Entry**









Adds a file name. Additional information such as job number and date and time can also be set. You can check a job history or job status using the file name, date and time, or job number specified here.

Press [File Name], enter the file name (up to 32 characters), and press [OK].

To add date and time, press [Date and Time]. To add job number, press [Job No.]. The added information will be displayed in "Additional Info".

# **Priority Override**







Suspends the current job and gives a new job top priority. The suspended job resumes after the other job is finished. (Value: [Off] / [On])



#### NOTE

This function is not available if current job was an override.

Priority override may not be available depending on the status of the current print job and memory usage. In this case, try the interrupt copy.



Interrupt Copy (page 5-24)

# **Repeat Copy**



Enables additional copies in the desired quantity as necessary after a copy job is completed. For confidential documents, you can set up a password for the use of Repeat Copy. In such a case, the correct password must be entered to perform Repeat Copy.

To register a password, press [# Keys] and enter a 4-digit password.

### ( IMPORTANT

- A Repeat Copy job is cleared when the main power switch is turned off.
- If you forget the password, Repeat Copy cannot be performed for that document. Make a note of the password beforehand if necessary.

Repeat Copy is not available when the machine is equipped with the optional Data Security Kit.

When the maximum number of Repeat Copy jobs to retain in the document box is set to 0 (zero), this function cannot be used. (Refer to Repeat Copy Job Retention on page 8-34.)

You can select Repeat Copy as the default setting. For details, refer to Repeat Copy on page 8-20.

Giving a file name to a copy job will facilitate identification of the data when copying. (Refer to File Name Entry on page <u>6-60</u>.)

### Repeat Copy

The Repeat Copy jobs are stored in the Job Box. Refer to Outputting Repeat Copy Jobs on page 5-66 to print out the Repeat Copy jobs.

# **OHP Backing Sheet**

When two or three OHP transparencies are stacked on top of each other, static electricity may make them difficult to handle. When using OHP Backing Sheet, a paper sheet is automatically inserted between each transparency, making them easier to handle. Also, the same original page can be printed to the backing sheet for multiple page printing.

#### NOTE

For transparency film that can be used, refer to <u>Transparencies on page 11-19</u>.

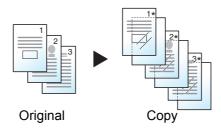
Never load OHP transparencies into trays or cassettes other than the multi purpose tray.

When OHP Backing Sheet is set, the multi purpose tray paper type is automatically set to "Transparency".

If the optional 1,000-sheet finisher or 4,000-sheet finisher is installed, you may need to specify the output destination for finished copies. For details, refer to Paper Output on page 6-22.

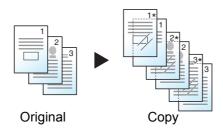
#### **Blank Sheet**

Outputs a blank backing sheet after printing to a transparency. (\* denotes transparency.)



### **Copied Sheet**

After printing to a transparency, copies the same original image to the backing sheet paper. (\* denotes transparency.)





### **IMPORTANT**

Fan through the transparencies before loading.

Up to 10 transparencies can be loaded at one time.

Be sure that paper of the same size and orientation as the transparencies is loaded in the cassette.

Item	Value	Description
Blank Sheet, Copied Sheet	Auto, Cassette 1 to 7Auto, Cassette 1 to 7	Select the media to be fed. When [Auto] is selected, the machine automatically selects media that matches the size of the original.

### **DP Read Action**



When the document processor is used, select the scanning operation for the document processor.

Item	Description
Speed Priority	Gives priority to scanning speed.
Quality Priority	Gives priority to image quality at a slightly slower scan speed.



- This function is displayed when the document processor is installed.
- This feature cannot be used when [On] is selected in <u>Document Guard on page 8-51</u>.

# **Skip Blank Page**



When there are blank pages in a scanned document, this function skips the blank pages and prints only pages that are not blank. When set to [High], the level at which blank paper is recognized is higher.

The machine detects blank pages, saving unnecessary printing without the need to check for blank pages in the document.

Select [Low], [Middle] or [High] in "Blank Detection Level".



### **NOTE**

The originals with punched holes or originals printed on a colored substrate may not be recognized as blank pages.

# 2-sided/Book Original







Select the type and orientation of the binding based on the original.

	Item	Value	Description
1-sided		_	"2-sided/Book Original" is not set.
2-sided	Binding	Binding Left/Right, Binding Top	Select the binding orientation of originals.
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].
_		Binding Left, Binding Right	Select the binding orientation of originals.
	Original Orientation	Top Edge on Top, Top Edge on Left	Select the orientation of the original document top edge to scan correct direction. Press [Original Orientation] to choose orientation of the originals, either [Top Edge on Top] or [Top Edge on Left]. Then press [OK].

### Sample image

	Value	Image
2-sided	Binding Left/Right*	
	Binding Top*	
Book	Binding Left	
	Binding Right	

<sup>\*</sup> Available when the optional document processor is used.

# **Sending Size**





Select size of image to be sent.

Press [Standard Sizes 1], [Standard Sizes 2], or [Others] to select the sending size.

Item		Value	Description
Standard Sizes 1	Metric models:	Same as Original Size, A3, A4, A5, A6, B4, B5, B6, Folio, 216 × 340 mm	Select from Same as Original Size or Standard Size.
	Inch models:	Same as Original Size, Ledger, Letter, Legal, Statement, 11 × 15", Oficio II	
Standard Sizes 2	Metric models:	Ledger, Letter, Legal, Statement, 11 × 15", Oficio II, 8K, 16K	Select from standard sizes except Standard Sizes 1.
	Inch models:	A3, A4, A5, A6, B4, B5, B6, Folio, 8K, 16K, 216 × 340 mm	
Others	Hagaki, Oufuku	hagaki	Select from Hagaki.

### Relationship between Original Size, Sending Size, and Zoom

Original Size (page 6-12), Sending Size, and Zoom (page 6-32) are related to each other. For details, see the table below.

Original size and sending size are	the same	different
Original Size (page 6-12)	Specify as necessary.	Specify as necessary.
Sending Size	Select [Same as Original].	Select the desired size.
Zoom (page 6-32)	Select [100%] (or [Auto]).	Select [Auto].



### **NOTE**

When you specify the sending size that is different from the original size, and select the zoom of [100%], you can send the image as the actual size (No Zoom).

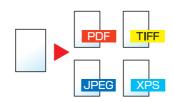
### **File Format**







Specify the image file format. Image quality level can also be adjusted. Select the file format from [PDF], [TIFF], [JPEG], [XPS], and [High Comp. PDF]. When the color mode in scanning has been selected for Grayscale or Full Color, set the image quality. If you selected [PDF] or [High Comp. PDF], you can specify encryption or PDF/A settings.



Item	Value	Color mode
PDF *1*2	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale, Black and White
TIFF	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale, Black and White
JPEG	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Full Color, Grayscale
XPS	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale, Black and White
High Comp. PDF *1*2	Compression Ratio Priority, Standard, Quality Priority	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale

- \*1 The file format can be set (Value: [Off] / [PDF/A-1a] / [PDF/A-1b]).
- \*2 You can create Searchable PDF file by running OCR on the scanned document. For details, refer to OCR Text Recognition (Option) on page 6-67.

### NOTE

- When [High Comp. PDF] is selected, you cannot adjust the image quality.
- You can use PDF encryption functions. For details, refer to <u>PDF Encryption Functions on page 6-68</u>.
- If encryption is enabled, PDF/A settings cannot be specified.

### **OCR Text Recognition (Option)**

When PDF or high compression PDF is selected for the file format, you can create Searchable PDF file by running OCR on the scanned document. Press [OCR Text Recognition], and then [On], select the language of the document, and press [OK].

Item	Description
Off	Do not create Searchable PDF file.
On	Create Searchable PDF file. Select the language to extract from the options displayed on the touch panel.
Auto Image Rotation	Rotates image automatically by recognizing text orientation.  Value: Off, On



### NOTE

This function can only be used when the optional OCR Scan Activation Kit is installed.



Scan extension kit(A) "OCR Scan Activation Kit" (page 11-8)

- If the proper language is not selected, the PDF creation time may be taken or the creation may be failed. The default language can be changed in System Menu. For details, refer to Primary OCR Language on page 8-19.
- · If the original orientation is not correct, texts on the original cannot be recognized as texts or the PDF creation time may be taken. Check the following:
  - The original orientation is correct.
  - When setting the originals with the mixed orientation at once, [On] is selected for [Auto Image Rotation]. If you frequently use the originals with the mixed orientation, the default of [Auto Image Rotation] can be changed in System Menu. For details, refer to Auto Image Rotation (OCR) on page 8-19.
- The accuracy of the text recognition depends on the original condition. The following condition may result in decreasing the recognition accuracy.
  - Repeatedly copied documents (as copied copy)
  - Received faxes (with low resolution)
  - Originals with the character space too narrow or wide
  - Originals with the lines on the text
  - Originals with the special fonts
  - Binding part of the book
  - A handwritten texts

### **PDF Encryption Functions**

If you have selected PDF or High Comp. PDF for file format, you can restrict the access level for displaying, printing, and editing PDF's by assigning a secure password.

Select [PDF] or [HighComp.PDF] in [File Format], and press [Encryption].

Items that can be set vary depending on the setting selected in "Compatibility".

When [Acrobat 3.0 or later] is selected

		Item	Value	Description
Password to Open Document		pen Document	Off, On	Enter the password to open the PDF file. Press [Password], enter a password (up to 256 characters) and then press [OK]. Press [Confirmation] to enter the password again for confirmation, and press [OK].
Password to Edit/Print Document		dit/Print Document	Off, On	Enter the password to edit the PDF file.  Press [Password], enter a password (up to 256 characters) and then press [OK].  Press [Confirmation] to enter the password again for confirmation, and press [OK].
				When you have entered the password to edit/print document, you can specifically limit the operation.
	Detail	Printing Allowed	Not Allowed, Allowed	Restricts printing of the PDF file.
	Changes Allowed		Not Allowed	Disables the change to the PDF file.
			Commenting	Can only add commenting.
			Page Layout except extracting Pages	Can change the page layout except extracting the pages of the PDF file.
			Any except extracting Pages	Can conduct all operations except extracting the pages of the PDF file.
		Copying of Text/ Images/Others	Disable, Enable	Restricts the copying of text and objects on the PDF file.

### When [Acrobat 5.0 or later] is selected

		Item	Value	Description
Password to Open Document		pen Document	Off, On	Enter the password to open the PDF file. Press [Password], enter a password (up to 256 characters) and then press [OK]. Press [Confirmation] to enter the password again for confirmation, and press [OK].
Password to Edit/Print Document		dit/Print Document	Off, On	Enter the password to edit the PDF file.  Press [Password], enter a password (up to 256 characters) and then press [OK].  Press [Confirmation] to enter the password again for confirmation, and press [OK].  When you have entered the password to edit/print document, you can specifically limit the operation.
	Detail Printing Allowed		Not Allowed	Disables the printing of PDF file.
	Changes Allowed	J	Allowed (Low Resolution only)	Can print the PDF file only in low resolution.
		Allowed	Can print the PDF file in original resolution.	
		Not Allowed	Disables the change to the PDF file.	
		Inserting/Deleting/Rotating Pages	Can only insert, delete, and rotate the pages of the PDF file.	
			Commenting	Can only add commenting.
			Any except extracting Pages	Can conduct all operations except extracting the pages of the PDF file.
		Copying of Text/ Images/Others	Disable, Enable	Restricts the copying of text and objects on the PDF file.

# **File Separation**







Creates several files by dividing scanned original data page by page, and sends the files.

(Value: [Off] / [Each Page])

Press [Each Page] to set File Separation.





### NOTE

A three-digit serial number such as "abc\_001.pdf, abc\_002.pdf..." is attached to the end of the file name.

# **Scan Resolution, Resolution**













Select fineness of scanning resolution.

The selectable resolution is [600 x 600dpi], [400 x 400dpi Ultra Fine], [300 x 300dpi], [200 x 400dpi Super Fine], [200 x 200dpi Fine], or [200 x 100dpi Normal].









### NOTE

The larger the number, the better the image resolution. However, better resolution also means larger file sizes and longer send times.

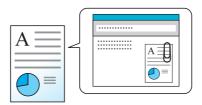
# E-mail Subject/Body







Adds subject and body when sending a document. Press [Subject] / [Body] to enter the E-mail subject/body.





#### NOTE

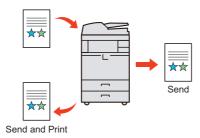
- The subject can include up to 60 characters, and the body can include up to 500 characters.
- Press [Body 1], [Body 2], or [Body 3] to enter stored text for the body text. For details on registering templates, refer to E-mail Subject/Body on page 8-19.

## **Send and Print**



Prints a copy of the document being sent.

(Value: [Off] / [On])



## **Send and Store**



Stores a copy of the document being sent in a Custom Box.

(Value: [Off] / [On])



When [On] is selected, select the Custom Box in which the copy is to be stored. If a password entry screen for the Custom Box appears, enter the password. You can view information on the selected Custom Box by pressing [Detail].



# **FTP Encrypted TX**





Encrypts images when sending via FTP. Encryption secures the document transmission. (Value: [Off] / [On])



You can only change the settings by logging in with administrator privileges.

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

Click [Security Settings], and then [Network Security] in the Embedded Web Server RX. Be sure that "SSL" of Secure Protocol Settings is "On" and one or more effective encryption are selected in Client side settings.

For details, refer to the Embedded Web Server RX User Guide.

### **File Size Confirmation**





Checks the file size before sending the original.

(Value: [Off] / [On])

### **Delete after Printed**



Automatically deletes a document from the box once printing is complete.

## **Delete after Transmitted**



Automatically deletes a document from the box once transmission is complete.

# **Storing Size**





Select size of image to be stored.

Press [Standard Sizes 1], [Standard Sizes 2], or [Others] to select the storing size.

Item		Value	Description
Standard Sizes 1	Metric models:	Same as Original Size, A3, A4, A5, A6, B4, B5, B6, Folio, 216 × 340 mm	Select from Same as Original Size or Standard Size.
	Inch models:	Same as Original Size, Ledger, Letter, Legal, Statement, 11 × 15", Oficio II	
Standard Sizes 2	Metric models:	Ledger, Letter, Legal, Statement, 11 × 15", Oficio II, 8K, 16K	Select from standard sizes except Standard Sizes 1.
	Inch models:	A3, A4, A5, A6, B4, B5, B6, Folio, 8K, 16K, 216 × 340 mm	
Others	Hagaki, Oufuku	hagaki	Select from Hagaki.

#### Relationship between Original Size, Storing Size, and Zoom

Original Size (page 6-12), Storing Size, and Zoom (page 6-32) are related to each other. For details, see the table below.

Original Size and the size you wish to store as are	the same	different
Original Size (page 6-12)	Specify as necessary.	Specify as necessary.
Storing Size	Select [Same as Original].	Select the desired size.
Zoom (page 6-32)	Select [100%] (or [Auto]).	Select [Auto].



### **NOTE**

When you select Storing Size that is different from Original Size, and select the Zoom [100%], you can store the image as the actual size (No Zoom).

# **Encrypted PDF Password**



Enter the preassigned password to print the PDF data. Press [Password] to enter the Password, and press [OK].



### **NOTE**

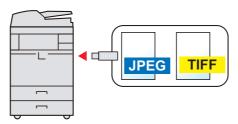
For details on entering the password, refer to Character Entry Method on page 11-11.

## **JPEG/TIFF Print**



Select the image size when printing JPEG or TIFF files. Select [Fit to Paper Size], [Image Resolution] or [Fit to Print Resolution].

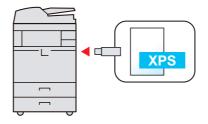
Item	Description	
Fit to Paper Size	Fits the image size to the selected paper size.	
Image Resolution	Prints at resolution of the actual image.	
Fit to Print Resolution	Fits the image size to the print resolution.	



## **XPS Fit to Page**



Reduces or enlarges the image size to fit to the selected paper size when printing XPS file.



## **Functions Available in the Home Screen**

## Send to Me (E-mail)

When user login is enabled, the document is sent to the E-mail address of the logged in user.



• To use this function, the function icon must be displayed in the home screen.



· An E-mail address must be set in user login for the user who logs in.



## Send to Me from Box (E-mail)

When user login is enabled, documents in the user box are sent to the E-mail address of the logged in user.



To use this function, the function icon must be displayed in the home screen.



An E-mail address must be set in user login for the user who logs in.



• When this function is used, functions other than transmission cannot be used.

# **7** Status/Job Cancel

#### This chapter explains the following topics:

Checking Job Status	7-2
Details of the Status Screens	
Checking Detailed Information of Jobs	7-9
Checking Job History	7-11
Checking the Detailed Information of Histories	7-13
Sending the Log History	7-13
Pause and Resumption of Jobs	7-14
Canceling of Jobs	7-14
Priority Override for Waiting Jobs	
Reordering Print Jobs	
Device/Communication	
Removing the USB Memory	
Canceling FAX Communication	7-19
Checking the Remaining Amount of Toner and Paper (Paper/Supplies)	7-20

# **Checking Job Status**

Check the status of jobs being processed or waiting to be printed.

#### **Available Status Screens**

The processing and waiting statuses of jobs are displayed as a list on the touch panel in four different screens - Printing Jobs, Sending Jobs, Storing Jobs, and Scheduled Jobs.

The following job statuses are available.

Status Display	Job status to be displayed
Print Job Status	• Copy
	Printer
	FAX reception
	i-FAX reception
	E-mail reception
	Printing from Document Box
	Printing data from removable memory
	Application
	Job Report/List
Send Job Status	FAX transmission
	i-FAX transmission
	• E-mail
	Folder transmission
	Application
	Multiple destination
	Sending Job FAX using Delayed transmission
Store Job Status	• Scan
	• FAX
	• i-FAX
	Printer
	Join Box Document
	Copy Box Document
Scheduled Job	Sending Job FAX using Delayed transmission

#### **Displaying Status Screens**

#### Display the screen.

Press the [Status/Job Cancel] key.



## Press the tab of the job you want to check.

To check the scheduled transmission job, press [Sending Jobs] and then [Scheduled Job].



Print Job Status Screen (page 7-4)

Send Job Status screen (page 7-6)
Store Job Status screen (page 7-7)

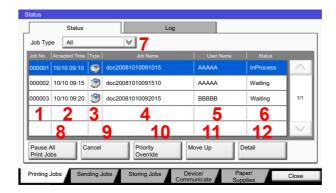
Scheduled Job Status Screen (page 7-8)

## **Details of the Status Screens**



You can show the job statuses of all users, or only the statuses of your own jobs. For details, refer to Display Status/ Log on page 8-25. This setting can also be changed from Embedded Web Server RX. For details, refer to the **Embedded Web Server RX User Guide.** 

#### **Print Job Status Screen**



No.	Item	Description	
1	Job No.	Acceptance No. of job	
2	Accepted Time	Accepted Time of job	
3	Туре	Icons that indicate the job type  Copy job Printer job Job from Document Box FAX reception i-FAX reception E-mail reception Data from removable memory Application Report/List	
4	Job Name	Job Name or file name	
5	User Name	User Name for the executed job	
6	Status	Status of job InProcess: The status before starting to print. Printing: Printing Waiting: Print Waiting Pause: Pausing print job or error Canceling: Canceling the job	
7	[≫] of "Job Type"	Only selected type of jobs is displayed.	

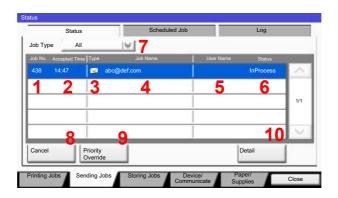
No.	Item	Description	
8	[Pause All Print Jobs]	Pauses all the printing jobs. By pressing this key again, the printing jobs will be resumed.	
9	[Cancel]	Select the job you want to cancel from the list, and press this key.	
10	[Priority Override]	Select the job to be overridden, and press this key. (Refer to Priority Override for Waiting Jobs on page 7-15.)	
11	[Move Up]	In the list, select the job that you want to move up the job queue and press this key. (Refer to Reordering Print Jobs on page 7-16.)	
12	[Detail]*	Select the job whose detailed information you want to display from the list, and press this key. (Refer to Checking Detailed Information of Jobs on page 7-9.)  You can press [Change] in "Copies" in the detailed information screen to change the number of copies that are printed.	

<sup>\*</sup> This item is displayed when user login administration is enabled and the user has logged in as administrator.



The job name and user name can be changed to other information if needed. For details, refer to <a href="Customize Status">Customize Status</a> Display on page 8-26. This setting can also be changed from Embedded Web Server RX. For details, refer to the **Embedded Web Server RX User Guide.** 

#### **Send Job Status screen**



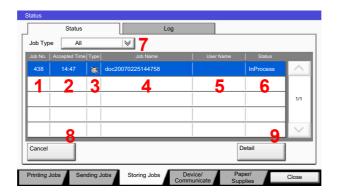
No.	Item	Description	
1	Job No.	Acceptance No. of job	
2	Accepted Time	Accepted Time of job	
3	Туре	Icons that indicate the job type	
		Sending Job FAX	
		Sending Job i-FAX	
		Sending Job E-mail	
		Sending Job Folder	
		Sending Job Application	
		Multi Sending	
4	Destination	Destination (Either destination name, FAX number, E-mail address, or server name)	
5	User Name	User Name for the executed job	
6	Status	Status of job InProcess: The status before starting sending such as during scanning originals Sending: Sending Waiting: Waiting Sending Canceling: Canceling the job Pause: Pausing the job	
7	[≫] of "Job Type"	Only selected type of jobs is displayed.	
8	[Cancel]	Select the job you want to cancel from the list, and press this key.	
9	[Priority Override]	Select the job to be overridden, and press this key.* Only displayed when the optional fax kit is installed.	
10	[Detail]*	Select the job whose detailed information you want to display from the list, and press this key. (Refer to Checking Detailed Information of Jobs on page 7-9.)	

<sup>\*</sup> This item is displayed when user login administration is enabled and the user has logged in as administrator.



The address and user name can be changed to other information if needed. For details, refer to <a href="Customize Status">Customize Status</a> <u>Display on page 8-26</u>. This setting can also be changed from Embedded Web Server RX. For details, refer to the **Embedded Web Server RX User Guide.** 

#### Store Job Status screen



No.	Item	Description	
1	Job No.	Acceptance No. of job	
2	Accepted Time	Accepted Time of job	
3	Туре	Icons that indicate the job type	
		Storing Job Scan	
		Storing Job Printer	
		Storing Job FAX	
		Storing Job i-FAX	
		Join Box Document	
		Copy Box Document	
4	Job Name	Job name or file name is displayed.	
5	User Name	User Name for the executed job	
6	Status	Status of job	
		InProcess: The status before starting to save such as during scanning originals	
		Storing: Storing Data	
		Canceling: Canceling the job	
		Pause: Pausing the job	
7	[≫] of "Job Type"	Only selected type of jobs is displayed.	
8	[Cancel]	Select the job you want to cancel from the list, and press this key.	
9	[Detail]*	Select the job whose detailed information you want to display from the list, and press this key. (Refer to Checking Detailed Information of Jobs on page 7-9.)	

<sup>\*</sup> This item is displayed when user login administration is enabled and the user has logged in as administrator.



The job name and user name can be changed to other information if needed. For details, refer to <a href="Customize Status">Customize Status</a> Display on page 8-26. This setting can also be changed from Embedded Web Server RX. For details, refer to the **Embedded Web Server RX User Guide.** 

#### **Scheduled Job Status Screen**



No.	Item	Description	
1	Job No.	Acceptance No. of job	
2	Accepted Time	Accepted Time of job	
3	Туре	Icons that indicate the job type	
		Storing Job FAX	
4	Destination	Destination (Either destination name, FAX number, or No. of broadcast items)	
5	User Name	User Name for the executed job	
6	Start Time	Time to start the scheduled job	
7	[Cancel]	Select the job you want to cancel from the list, and press this key.	
8	[Start Now]	Select the job you want to send immediately from the list, and press this key.	
9	[Detail]*	Select the job whose detailed information you want to display from the list, and press this key. (Refer to Checking Detailed Information of Jobs on page 7-9.)	

<sup>\*</sup> This item is displayed when user login administration is enabled and the user has logged in as administrator.

## **Checking Detailed Information of Jobs**

Check the detailed information of each job.



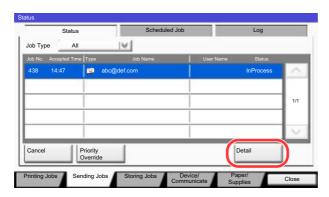
This is displayed when user login administration is enabled and the user has logged in as administrator.

#### Display the screen.

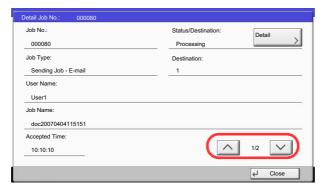
Referring to Details of the Status Screens on page 7-4, display the screen.

#### Check the information.

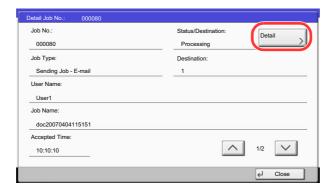
1 Select the job whose details you wish to check from the list, and press [Detail].



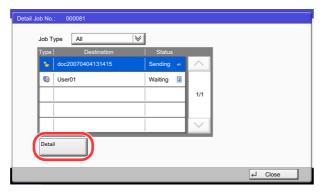
Detailed information of the selected job is displayed.



Use  $[\ \ ]$  or  $[\ \ ]$  to see the next or previous page of information.



In Sending Jobs, you can check the destination by pressing [Detail] in "Destination" or "Status/Destination".



"Status/Destination" is displayed when address is selected. Press [Detail] to display the list. Press [ $\checkmark$ ] or [ $\land$ ], select a destination and press [Detail]. Information on the selected job is displayed for checking.

**2** To exit from the detailed information, press [Close].

# **Checking Job History**

Check the history of completed jobs.



Job history is also available by Embedded Web Server RX or NETWORK PRINT MONITOR from the computer.

You can show the job log of all users, or only your own job log. For details, refer to Display Status/Log on page 8-25. This setting can also be changed from Embedded Web Server RX. For details, refer to the Embedded Web Server **RX User Guide.** 

#### **Available Job History Screens**

The job histories are displayed separately in three screens - Printing Jobs, Sending Jobs, and Storing Jobs. The following job histories are available.

Screen	Job histories to be displayed
Print Job Log	• Copy
	Printer
	FAX reception
	i-FAX reception
	E-mail reception
	Printing from Document Box
	Job Report/List
	Printing data from removable memory
Send Job Log	• FAX
	• i-FAX
	• E-mail
	• Folder
	Application
	Multiple destination
Store Job Log	• Scan
	• FAX
	• i-FAX
	Printer
	Join Box Document
	Copy Box Document

#### **Displaying Job History Screen**

#### Display the screen.

Press the [Status/Job Cancel] key.



# Press the tab of the job you want to check, and press the [Log] tab.



#### **NOTE**

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

## **Checking the Detailed Information of Histories**

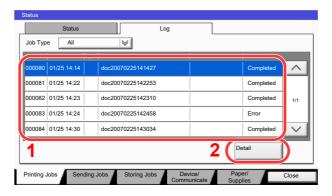
Check the detailed information of each history.

#### Display the screen.

Referring to <u>Displaying Job History Screen on page 7-12</u>, display the screen.

#### Check the information.

Select the job to check details from the list, and press [Detail]. Detailed information of the selected job is displayed.





To check the information of the next/previous page, press  $[\vee]$  or  $[\wedge]$ .

2 To exit from the detailed information, press [Close].

## **Sending the Log History**

You can send the log history by E-mail. You can either send it manually as needed or have it sent automatically whenever a set number of jobs is reached. For details, refer to <u>Sending Log History on page 8-39</u>.

## **Pause and Resumption of Jobs**

Pause/resume all printing jobs in printing/waiting.

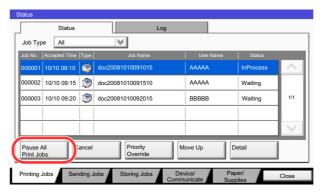
Display the screen.

Press the [Status/Job Cancel] key.

Status/ Job Cancel



**Press [Pause All Print Jobs] on the printing jobs status screen.**Printing is paused.



When resuming the printing of jobs that have been paused, press [Resume All Print Jobs].

## **Canceling of Jobs**

Cancel all printing jobs in printing/waiting.

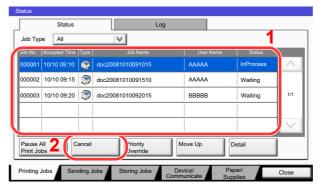
Display the screen.

Press the [Status/Job Cancel] key.

Status/ Job Cancel



Select the job to be canceled from the list, and press [Cancel].



? Press [Yes] in the confirmation screen.

## **Priority Override for Waiting Jobs**

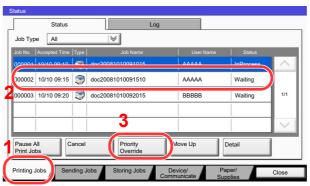
Priority Override function suspends the current job and prints the job in waiting first.

#### Display the screen.

Press the [Status/Job Cancel] key.



- Press [Printing Jobs].
- **3** Select the job to be given priority, and press [Priority Override].



## 4 Press [Yes] in the confirmation screen.

The current job in printing is suspended, and the job for override printing starts.

When the Priority Override is completed, the printing job that has been suspended will be resumed.

# **Reordering Print Jobs**

This function allows you to select a queued print job and raise its output priority.

#### Display the screen.

Press the [Status/Job Cancel] key.

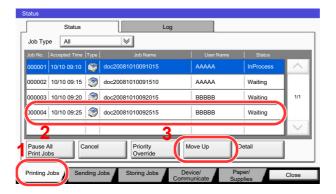


#### Press [Printing Jobs].

# **3** Select the job to be assigned a higher priority and press [Move Up].

The priority of the selected job is increased by 1.

To further raise the job's priority, press [Move Up] again. Each time you press [Move Up], the priority increases by 1.



## **Device/Communication**

Configure the devices/lines installed or connected to this machine or check their status. You can also control devices depending on their status.

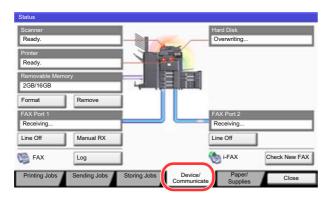
#### Display the screen.

1 Press the [Status/Job Cancel] key.

Status/ Job Cancel



2 Press [Device/Communicate].



The screen to check the status or configure the devices is displayed.

## Check the status.

The items you can check are described below.

#### "Scanner"

The status of an original scanning or the error information (paper jam, opened cover, etc.) is displayed.

#### "Printer"

Error information such as paper jam, out of toner, or out of paper, and status such as waiting or printing are displayed.

#### "Hard Disk"

The information such as formatting, overwriting for erasure, and error occurrence is displayed.

#### "Removable Memory (USB Memory)"

- The usage and capacity of the external media connected to this machine are displayed.
- Press [Format] to format external media.

## **⊘** IMPORTANT

When [Format] is pressed, all data in the external media is erased.

Press [Remove] to safely remove the external media. For details, refer to Removing the
 <u>USB Memory on page 7-18</u>.

#### "FAX Port 1", "FAX Port 2"

- The information such as sending/receiving and dialing is displayed.
- Press [Line Off] to cancel a fax in sending/receiving. For details, refer to <u>Canceling FAX</u> Communication on page 7-19.
- Press [Manual RX] to start receiving fax. Use this function when you want to talk to the sender before receiving the fax originals. For details, refer to the FAX Operation Guide.
- Press [Log] to display the fax transmission history. For details, refer to the FAX Operation Guide.

#### "i-FAX"

When [Check New FAX] is pressed, the machine connects to the mail server and starts reception of any new i-faxes.

## **Removing the USB Memory**

Follow the steps below to remove USB memory safely.

#### Display the screen.

Press the [Status/Job Cancel] key.

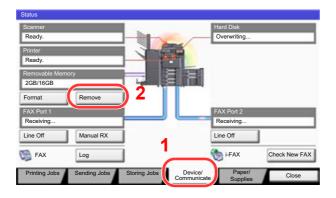
Status/ Job Cancel



#### Press the [Device/Communicate] tab.

## ? Press [Remove] in "Removable Memory".

When "Removable memory can be safely removed." is displayed, remove the USB memory.



## **Canceling FAX Communication**

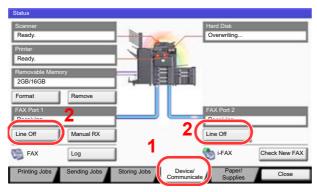
Cancel fax communication.

#### Display the screen.

Press the [Status/Job Cancel] key.



- Press the [Device/Communicate] tab.
- ? Press [Line Off] in "FAX Port 1" or "FAX Port 2".



Press [Yes] in the confirmation screen.

The line is disconnected, and the fax communication is canceled.

## **Checking the Remaining Amount of Toner** and Paper (Paper/Supplies)

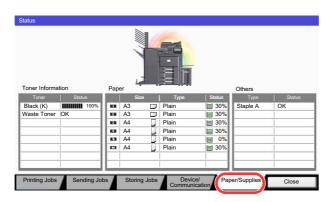
Check the remaining amount of toner, paper, and staples on the touch panel.

#### Display the screen.

1 Press the [Status/Job Cancel] key.



#### 2 Press [Paper/Supplies].



#### Check the status.

Check the remaining amount of toner and the status of the waste toner box in "Toner Information", and the remaining amount of paper in each paper source in "Paper".

The items you can check are described below.

#### "Toner Information"

#### Remaining amount of toner

You can check the remaining amount of each color toner levels from 100 to 0% (1% increments).

#### Status of the waste toner box

You can check the status of waste toner box.

#### "Paper"

You can check the size, orientation, type, and remaining amount of paper in each paper source. The remaining amount of paper is shown by 5 levels as 100, 80, 50, 30, and 0%, however, the paper in the multi purpose tray is shown by 2 levels as 100% and 0%.

If the remaining amount of paper cannot be detected, "----" appears.

#### "Others"

You can check the status of staples and punch waste box.



#### NOTE

If the optional document finisher (1,000-sheet finisher or 4,000-sheet finisher) and punch unit are installed, the "Others" section provides the status of the punch waste box and whether or not staples are available.

# 8 Setup and Registration (System Menu)

#### This chapter explains the following topics:

System Menu	8-2
Operation Method	8-2
System Menu Settings	8-4
Cassette/MP Tray Settings	8-7
Common Settings	8-9
Home	8-28
Copy	8-28
Send	
Document Box/Removable Memory	8-34
FAX	8-35
Printer	8-35
Report	8-37
System/Network	
Edit Destination	8-53
User Login/Job Accounting	8-53
User Property	8-54
Date/Timer/Energy Saver	
Adjustment/Maintenance	
Internet	8-60
Application	8-60

# **System Menu**

Configure settings related to overall machine operation.

## **Operation Method**

System Menu is operated as follows:

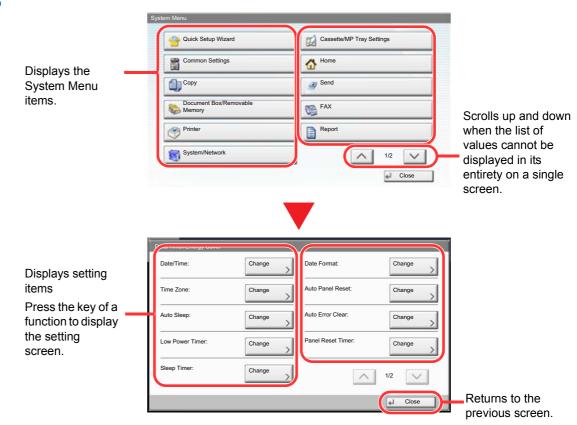
#### Display the screen.

Press the [System Menu] key.

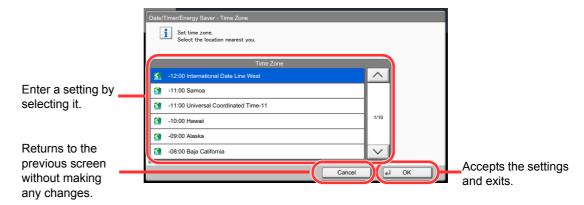
## System Menu



#### Select a function.



#### Configure the settings.



#### NOTE

In order to change settings that require administer privileges, you must log in with administrator privileges.

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

Refer to **System Menu Settings** on the following page and configure as needed.

## **System Menu Settings**

This section explains the functions that can be configured in System Menu. To configure the settings, select the item in System Menu and press the setting item. For details on each function, see the table below.

	Item	Description	Reference Page
Quick Setup Wizard		The Quick Setup Wizard configures Fax and Energy Saver settings.	page 2-28
Cass	ette/MP Tray Settings	Select paper size and media type for Cassettes and multi purpose tray.	page 8-7
	Cassette 1 (to 7)	Select type of paper in Cassette 1 (to 7).	page 8-7
	MP Tray Setting	Select type of paper in multi purpose tray.	page 8-7
Com	mon Settings	Configure overall machine operation.	page 8-9
	Language	Select the language displayed on the touch panel.	page 8-9
	Default Screen	Select the screen appearing right after start-up (default screen).	page 8-9
	Sound	Set options for buzzer sound during the machine operations.	page 8-9
	Originals Setup	Configure settings for originals and paper.	page 8-10
	Measurement	Select inch or metric for the unit for paper dimensions.	page 8-14
	Error Handling	Select whether to cancel or continue the job when error has occurred.	page 8-14
	Paper Output	Select output tray respectively for copy jobs, print jobs from Document Box, computers, and FAX RX data.	page 8-16
	Orientation Confirmation	Check the orientation of original.	page 8-16
	Color Toner Empty Action	Select whether printing is prohibited or the Print in Black and White setting is used for printing once the color toner runs out.	page 8-16
	Function Defaults	Defaults are the values automatically set after the warm-up is completed or the [Reset] key is pressed.	page 8-17
		Set the defaults for available settings such as copying and sending. Setting the frequently-used values as defaults makes subsequent jobs easier.	
		<b>⊘</b> IMPORTANT	
		If you want to enable the changed defaults immediately, move to the function screen and press the [Reset] key.	
	Keyboard Layout	Change the layout of the touch panel keyboard used to enter characters.	page 8-20
	System Stamp	Configure settings for header, footer, and stamp.	page 8-20
	Manual Staple	Configure settings for manual staple.	page 8-24
	Offset Documents by Job	Select whether to offset documents by Job.	page 8-24
	Low Toner Alert Level	Set the amount of remaining toner to alert low toner.	page 8-25
	Offset One Page Documents	Set whether one-page documents are sorted.	page 8-25
	Display Status/Log	Set the display method of the Status/Log.	page 8-25
	Message Banner Print	Select whether the confirmation screen appears before each sheet is printed when printing multiple banner sheets.	page 8-25
	Customize Status Display	Select the item to use for the printing jobs status.	page 8-26
	Function Key Usage	Configure settings for function key on the operation panel.	page 8-26
	Message Board Settings	Configure settings for message board.	page 8-27
	Remote Printing	Configure settings for remote printing.	page 8-27

	Item	Description	Reference Page
Home	)	Configure settings for Home screen.	page 3-4
Сору		Configure settings for copying functions.	page 8-28
Send		Configure settings for sending functions.	page 8-29
Document Box/Removable Memory		Configure settings related to the Custom Box, Job Box, FAX Box, and Polling Box. For details on FAX Box and Polling Box, refer to the <b>FAX Operation Guide</b> .	page 8-34
FAX		Configure settings for fax functions. For details, refer to the <b>FAX Operation Guide</b> .	_
Printe	er -	When printing from computers, settings are generally made on the application software screen. However, the following settings are available for configuring the defaults to customize the machine.	page 8-35
Repo	rt	Print reports to check the machine settings, status, and history. Settings for printing reports can also be configured.	page 8-37
	Print Report	Configure settings for printing reports and histories.	page 8-37
	Admin Report Settings		Refer to the FAX Operation Guide.
	Result Report Settings		page 8-38
	Sending Log History		page 8-39
	Login History Settings		page 8-40
	Device Log History Settings		page 8-41
	Secure Comm. Error Log		page 8-42
Syste	em/Network	Configure machine system settings.	page 8-43
	Network	Configure network settings.	page 8-43
	Optional Network	Configure settings for the optional Network Interface Kit or Wireless Interface Kit.	page 8-47
	Network Interface (Send)	Specify the network interface card to be used for send function and connecting to external address book.	page 8-49
	Security Level	The Security Level setting is primarily a menu option used by service personnel for maintenance work. There is no need for customers to use this menu.	_
	Interface Block Setting	This allows you to protect this machine by blocking the interface with external devices such as USB hosts or optional interfaces.	page 8-50
	Data Security	Configure settings for data stored in the machine's hard disk and memory.	page 8-50
	Document Guard	When the optional Printed Document Guard Kit is installed, careless copying and sending of documents that contain confidential or personal information is prevented.	page 8-51
	Optional Function	You can activate the optional applications installed on this machine.	page 8-52
	Restart Entire Device	Restart the CPU without turning the main power switch off. Use this to deal with any unstable operation by the machine. (Same as the computer restart.)	page 8-52

ltem	Description	Reference Page
Edit Destination	Configure settings for Address Book and One Touch Key. For details on Address Book, refer to Registering Destinations in the Address Book on page 3-45, and for details on One Touch Key, refer to Adding a Destination on One Touch Key (One Touch Key) on page 3-53.	page 8-53
User Login/Job Accounting	Configure settings related to machine management. For details on User Login, refer to <u>User Login on page 9-4</u> , and for details on Job Accounting, refer to <u>Job Accounting on page 9-29</u> .	_
User Property	Check and change information related to the logged in user.	page 8-54
Date/Timer/Energy Saver	Configure settings related to the date and time.	page 8-54
Adjustment/Maintenance	Adjust printing quality and conduct machine maintenance.	page 8-57
Internet	Configure Internet settings for applications.	page 8-60
Application	Configure settings for the optional applications installed on this machine.	page 8-60

## **Cassette/MP Tray Settings**

Select paper size and media type for Cassettes and multi purpose tray.

#### Cassette1 (to 7)



To fix the type of paper to be used in cassettes 1 or 2 or the optional paper feeders (cassettes 3 to 7), specify the paper size.

Selection Item		Selectable Size/Type
Paper Size	Auto	Paper size is automatically detected and selected.  Value: Metric, Inch
	Standard Sizes 1*1	Available options are as follows:  Value  Metric models: A3, A4-R, A4, A5-R, B4, B5-R, B5, Folio, 216 x 340 mm  Inch models: Ledger, Letter-R, Letter, Legal, Statement, 12 x 18", Oficio II
	Standard Sizes 2*1	Select from standard sizes except Standard Sizes 1.  Value  Metric models: Ledger, Letter-R, Letter, Legal, Statement, 12 x 18", Oficio II, 8K, 16K-R, 16K  Inch models: A3, A4-R, A4, A5-R, B4, B5-R, B5, Folio, 216 x 340 mm, 8K, 16K-R, 16K
Size Entry*2  Enter a size not disp  Value  Metric  X: 182 to 457 mm (  Y: 140 to 304 mm (  Inch  X: 7.17 to 18.00" (in		Metric X: 182 to 457 mm (in 1 mm increments) Y: 140 to 304 mm (in 1 mm increments)
Media type		Select the media type.  Plain (60 to 105 g/m²), Rough, Vellum, Recycled, Preprinted*³, Bond*⁴, Color, Prepunched*³, Letterhead*³, Thick (106 g/m² and more)*⁴, High Quality and Custom 1-8*1

<sup>\*1</sup> Only A4, Letter, and B5 can be specified when the optional Large Capacity Feeder (1,500-sheet x 2) and the optional Large Capacity Side Feeder (500, 1,500-sheet x 2) are used.

- \*2 Can be set when cassette 1 or cassette 2 is selected.
- \*3 To print on preprinted or prepunched paper or on letterhead, refer to Special Paper Action on page 8-12.
- \*4 To change to a media type other than Plain, refer to <a href="Media Type Setting on page 8-10">Media Type Setting on page 8-10</a>. When the paper weight settings shown below are selected, the media indicated for each setting cannot be selected.

Rough: "Heavy 5" Preprinted: "Heavy 5" Letterhead: "Heavy 5" Thick: "Heavy 5"

Custom 1 to 8: "Heavy 5" or "Extra Heavy"

On the 3005ci and 3505ci, the above paper types also cannot be selected when Heavy4 is set.

## **MP Tray Setting**



To fix the type of paper to be used in the multi purpose tray, specify the paper size.

Item		Description	
Paper Size	Auto	Paper size is automatically detected and selected.  Value: Metric, Inch	
	Standard Sizes 1	Available options are as follows:  Value  Metric models: A3, A4-R, A4, A5-R, A6-R, B4-R, B5-R, B5, B6-R, Folio, 216 x 340 mm  Inch models: Ledger, Letter-R, Letter, Legal, Statement, Executive, 12 x 18", Oficio II	
	Standard Sizes 2	Select from standard size*1 except Standard Sizes 1.  Value  Metric models: Ledger, Letter-R, Letter, Legal, Statement, Executive, 12 x 18", Oficio II, 8K, 16K-R, 16K  Inch models: A3, A4-R, A4, A5-R, A6-R, B4-R, B5-R, B5, B6-R, Folio, 8K, 16K-R, 16K, 216 x 340 mm	
	Others	Select from non-standard sizes and custom sizes.  Value: ISO B5, Envelope #10 (Commercial #10), Envelope #9 (Commercial #9) Envelope #6 (Commercial #6 3/4), Envelope Monarch, Envelope DL, Envelope C5, Envelope C4, Hagaki, Oufuku hagaki, Youkei 4, Youkei 2	
	Size Entry	Enter the size not included in the standard size.  Value  Metric  X: 148 to 457 mm (in 1 mm increments)  Y: 98 to 304 mm (in 1 mm increments)  Inch  X: 5.83 to 18.00" (in 0.01" increments)  Y: 3.86 to 12.00" (in 0.01" increments)	
Media type		Select the media type.  Value: Plain (60 to 105 g/m²), Transparency, Rough, Vellum, Labels, Recycled Preprint*², Bond, Cardstock, Color, Prepunched*², Letterhead*², Envelope, Thick (106 g/m² and more), Coated, High Quality, Index Tab Dividers, Custom 1-8	

- \*1 To change to a media type other than "Plain", refer to Media Type Setting on page 8-10.
- \*2 To print on preprinted or prepunched paper or on letterhead, refer to Special Paper Action on page 8-12.



If the optional FAX kit is installed, the available media types for printing received faxes are as shown below.

Plain, Rough, Vellum, Labels, Recycled, Bond, Cardstock, Color, Envelope, Thick, Coated, High Quality and Custom 1-8

## **Common Settings**

Configure overall machine operation.

#### Language



Item	Description
Language	Select the language displayed on the touch panel.

#### **Default Screen**



Item	Description
Default screen	Select the screen appearing right after start-up (default screen).
	Value: Home, Copy, Send, FAX*1, Status, Custom Box, Job Box, Removable Memory, FAX Box*1, Program, Home (Accessibility), Accessibility Copy, Accessibility Send, Accessibility FAX*1, Internet Browser*2, Application Name*3
	NOTE
	If a screen other than [Home] is set, [Power Saving Recovery] in [EnergySaverRecoveryLevel] will not operate if selected.

- \*1 Displayed only when the optional fax kit is installed.
- \*2 Referring to Internet on page 8-60 and configure necessary settings for Internet Browser.
- \*3 The running application will be displayed. For details, refer to Application on page 5-11.

#### Sound



Item	Description
Buzzer	Set options for buzzer sound during the machine operations.
Volume	Set the buzzer volume level.  Value: 0 (Mute), 1 (Minimum), 2, 3 (Medium), 4, 5 (Maximum)
Key Confirmation	Emit a sound when the operation panel and touch panel keys are pressed.  Value: Off, On
Job Finish	Emit a sound when a print job is normally completed.  Value: Off, On, FAX Reception Only*
Ready	Emit a sound when the warm-up is completed.  Value: Off, On
Warning	Emit a sound when errors occur.  Value: Off, On
USB Keyboard	Emit a sound to confirm keypresses with a sound.  Value: Off, On
FAX Speaker Volume*	For details, refer to the FAX Operation Guide.
FAX Monitor Volume*	For details, refer to the FAX Operation Guide.

<sup>\*</sup> Displayed only when the optional fax kit is installed.

## **Keyboard Layout**

Item	Description
Keyboard Layout	Set the layout of the keyboard.
	Value: QWERTY, QWERTZ, AZERTY

## Original/Paper Settings



Item	Description
Custom Original Size	Set up frequently-used custom original size.
	To register a custom paper size, press [On] and enter the desired size. The custom size options are displayed on the screen to select original size. Up to four custom original sizes can be added.*
	Value
	Custom 1 to 4: Off, On
	Size Entry:
	Metric
	X: 50 to 432 mm (in 1 mm increments) Y: 50 to 297 mm (in 1 mm increments)
	Inch
	X: 2.00 to 17.00" (in 0.01" increments) Y: 2.00 to 11.69" (in 0.01" increments)
Custom Paper Size	Set up a maximum of four frequently-used custom paper sizes.
	To register a custom paper size, press [On] and enter the desired size. The custom size option is displayed on the screen to select paper set in the multi purpose tray. Up to four custom paper sizes can be added.
	Select media type for each paper size. Select [Media Type], and select paper type.*
	Value
	Custom 1 to 4: Off, On
	Size Entry:
	Metric
	X: 148 to 457 mm (in 1 mm increments) Y: 98 to 304 mm (in 1 mm increments)
	Inch
	X: 5.83 to 18.00" (in 0.01" increments) Y: 3.86 to 12.00" (in 0.01" increments)
	Media Type: Plain, Transparency, Rough, Vellum, Labels, Recycled, Preprinted, Bond, Cardstock,
	Color, Prepunched, Letterhead, Thick, Envelope, Coated, High Quality, Index Tab Dividers, Custom 1-8
Media Type Setting	Set weight for each media type.
	For Custom 1-8, settings for duplex printing and media type name can be changed.
	For details on setting value, refer to Media Type Setting on page 8-13.

Item		Description	
Default Paper Source		Select paper cassette for default setting.	
		Value: Cassette 1 to 7, Multi Purpose Tray	
		NOTE	
		[Cassette 3] to [Cassette 7] are displayed when the following options are installed.	
		[Cassette 3]: When a paper feeder (500-sheet x 2) or large capacity paper feeder (1,500-sheet x 2) is installed	
		[Cassette 4]: When a paper feeder (500-sheet x 2) or large capacity paper feeder (1,500-sheet x 2) is installed	
		[Cassette 5]: When a side feeder (3,000-sheet), side feeder (500-sheet x 3), or large capacity side feeder (500, 1,500-sheet x 2) is installed	
		[Cassette 6]: When a side feeder (500-sheet x 3) or large capacity side feeder (500, 1,500-sheet x 2) is installed	
		[Cassette 7]: When a side feeder (500-sheet x 3) or large capacity side feeder (500, 1,500-sheet x 2) is installed	
Auto Swit	tch	When the optional large capacity feeder is selected, the cassette can be switched to another large capacity feeder depending on your usage.	
		Value: Off, On	
Auto Detect Orig	inal Size	Select whether to automatically detect originals of special or non-standard size.	
(Available for me only)	tric models		
A6/Hagaki		As A6 and Hagaki are similar in size, select either one of them for automatic detection.  Value: A6, Hagaki	
Folio		Select whether to enable automatic detection of Folio.  Value: Off, On	
11 × 15"		Select whether to enable automatic detection of 11×15" size.  Value: Off, On	
Media for Auto (Color)		Select a default media type for auto paper selection when [Auto] is selected of Paper Selection.  If [Plain] is selected, the paper source with plain paper loaded in the specific size is selected.	
Media for Auto (B&W)		Select [All Media Types] for the paper source with any kind of paper loaded in the specific size.	
		Value: All Media Types, Plain, Transparency, Vellum, Rough, Labels, Recycled, Preprinted, Bond, Cardstock, Color, Prepunched, Letterhead, Envelope, Thick, Coated, High Quality, Index Tab Dividers, Custom 1-8	

Item	Description
Paper Source for Cover	Select the paper source in which the cover paper used for the Cover function is placed.*  Value: Cassette 1 to 7, Multi Purpose Tray
	NOTE
	[Cassette 3] to [Cassette 7] are displayed when the following options are installed.
	[Cassette 3]: When a paper feeder (500-sheet x 2) or large capacity paper feeder (1,500-sheet x 2) is installed
	[Cassette 4]: When a paper feeder (500-sheet x 2) or large capacity paper feeder (1,500-sheet x 2) is installed
	[Cassette 5]: When a side feeder (3,000-sheet), side feeder (500-sheet x 3), or large capacity side feeder (500, 1,500-sheet x 2) is installed
	[Cassette 6]: When a side feeder (500-sheet x 3) or large capacity side feeder (500, 1,500-sheet x 2) is installed
	[Cassette 7]: When a side feeder (500-sheet x 3) or large capacity side feeder (500, 1,500-sheet x 2) is installed
Special Paper Action	When printing on Prepunched, Preprint, and Letterhead, punch-holes might not be aligned or the print direction might be upside-down depending on how originals are set and the combination of copying functions. In such a case, select [Adjust Print Direction] to adjust the print direction. When paper orientation is not important, select [Speed Priority].  If [Adjust Print Direction] is selected, load paper according to the steps below.
	Example: copying on Letterhead
	ABC ABC DGA AIC
	Original Paper Finishing Cassette MP Tray
	ABC ABC ONLY
	Original Paper Finishing Cassette MP Tray
	Value: Adjust Print Direction, Speed Priority

<sup>\*</sup> If you want to enable the changed defaults immediately, move to the function screen and press the [Reset] key.

#### **Media Type Setting**

The following settings can be selected. Y (default): Default setting, Y: Available, N: Not available

Paper Weight	Light*1	Normal 1*1	Normal 2*1	Normal 3 <sup>*1</sup>	Heavy 1*1	Heavy 2	Heavy 3	Heavy 4	Heavy 5	Extra Heavy
Weight (g/m²), Media Type	52 g/m <sup>2</sup> to 59 g/m <sup>2</sup>	60 g/m <sup>2</sup> to 74 g/m <sup>2</sup>	75 g/m <sup>2</sup> to 90 g/m <sup>2</sup>	91 g/m <sup>2</sup> to 105 g/m <sup>2</sup>	106 g/m <sup>2</sup> to 135 g/m <sup>2</sup>	136 g/m <sup>2</sup> to 163 g/m <sup>2</sup>	164 g/m <sup>2</sup> to 220 g/m <sup>2</sup>	221 g/m <sup>2</sup> to 256 g/m <sup>2</sup>	257 g/m <sup>2</sup> to 300 g/m <sup>2</sup>	Transpa rencies
Plain	N	Y	Y (default)	Y	N	N	N	N	N	N
Rough	N	Y	Y	Y (default)	Y	Y	Y	Y*3	Y*2	N
Vellum	N	Y	Y	Y	Y (default)	Y	Y	Y*3	Y*2	N
Labels	N	Y*2	Y*2	Y*2	Y*2	Y <sup>*2</sup> (default)	Y*2	Y*2	Y*2	N
Recycled	N	Y	Y (default)	Υ	N	N	N	N	N	N
Preprinted	N	Y	Y (default)	Υ	Y	Υ	Υ	Y*3	Y*2	N
Bond	N	Y	Y	Y (default)	Y	Y	Y	Y*3	N	N
Cardstock	N	N	N	N	Y*2	Y*2	Y*2	Y <sup>*2</sup> (default)	Y*2	N
Color	N	Υ	Y	Y (default)	Y	Y	Y	Y*2	Y*2	N
Prepunched	N	Y	Y (default)	Y	N	N	N	N	N	N
Letterhead	N	Y	Y (default)	Y	Y	Y	Y	Y*3	Y*2	N
Envelope	N	N	N	N	Y*2	Y <sup>*2</sup> (default)	Y*2	Y*2	Y*2	N
Thick	N	N	N	N	Y	Y (default)	Y	Y*3	Y*2	N
Coated	N	Y*2	Y*2	Y*2	Y <sup>*2</sup> (default)	Y*2	Y*2	Y*2	Y*2	N
High Quality	N	Y	Y (default)	Y	Y	Y	N	N	N	N
Index Tab Dividers	N	N	N	N	N	Y*2	Y*2	Y <sup>*2</sup> (default)	N	N
Transparencies	N	N	N	N	N	N	N	N	N	Y (default)
Custom 1-8	Y	Y	Y (default)	Y	Y	Y	Y	Y*3	Y*2	Y

<sup>\*1</sup> The maximum number of sheets that can be stapled varies depending on the paper weight. For details, see <a href="1,000-sheet Finisher">1,000-sheet Finisher</a> (Option) on page 11-30 and 4,000-sheet Finisher (Option) on page 11-31.

<sup>\*2</sup> The media type cannot be selected for the cassettes.

<sup>\*3</sup> On the 3005ci and 3505ci, the paper type cannot be selected for the cassette.

For Custom 1-8, settings for duplex printing and media type name can be changed.

Item		Description			
Duplex Print	Prohibit	Duplex printing not allowed.			
	Permit	Duplex printing allowed.			
Name		Change names for Custom 1-8. Names should be not more than 16 characters. Selecting media type at multi purpose tray, the name after change will be displayed.			
		Character Entry Method (page 11-11)			

#### Measurement



Item	Description
Measurement	Select inch or metric for the unit for paper dimensions.
	Value: mm, inch

## **Error Handling**



Item	Description
Duplexing Error	Set what to do when duplex printing is not possible for the selected paper sizes and media types.  Value  1-sided: Printed in 1-sided  Display Error: Message to cancel printing is displayed.
Finishing Error	Set alternative actions when finishing (Staple/Punch/Offset/Fold/Auto Image Rotation) is not available for the selected paper size or media type.  Value  Ignore: The setting is ignored and the job is printed.  Display Error: Message to cancel printing is displayed.
No Staple Error	Set what to do when staples run out during printing.  Value  Ignore: Printing continues without stapling.  Display Error: Message to cancel printing is displayed.  NOTE  Requires the optional 1,000-sheet finisher or 4,000-sheet finisher.
Finished Pages Exceeded	Set what to do when finishing (stapling or offsetting) capacity is exceeded during printing.  Value  Ignore: Printing continues without finishing.  Display Error: Message to cancel printing is displayed.  NOTE  Requires the optional 1,000-sheet finisher or 4,000-sheet finisher.

Item	Description
Punch Waste Full Error	Set what to do when the punch waste box becomes full during printing.
	Value
	Ignore: Printing continues without punching.
	Display Error: Message to cancel printing is displayed.
	NOTE
	Requires the optional 1,000-sheet finisher or 4,000-sheet finisher.
Paper Mismatch Error	Set what to do when the selected paper size or type does not match paper size or type loaded in the specified paper source while printing from the computer by specifying the cassette or multi-purpose tray.
	Value
	Ignore: The setting is ignored and the job is printed.
	Display Error: Message to cancel printing is displayed.
Inserted Paper Mismatch	Set what to do when it is detected that the cassette paper size setting does not match the actual paper size that is fed.
	Value
	Ignore: The setting is ignored and the job is printed.
	Display Error: Message to cancel printing is displayed.
Paper Jam before Staple	The page from which printing is resumed when a paper jam occurs during a job with stapling can be selected.
	Value
	Resume at Top of Page: Resume printing from the first page of the document.
	Resume at Jammed Page: Resume printing from the page where the jam occurred.
	NOTE
	Requires the optional 1,000-sheet finisher or 4,000-sheet finisher.
Skewed or multi originals	When skewed originals while scanning, select whether to print by ignoring the error or display an error.
	Value
	Ignore: The error is ignored and the job is printed.
	Display Error: Error message to cancel scanning is displayed.
	NOTE
	This setting is displayed when an optional document processor (dual scan DP) is installed.

## **Paper Output**



If you want to enable the changed defaults immediately, move to the function screen and press the [Reset] key.

Item	Description
Paper Output	Select the output tray respectively for copy jobs, print jobs from Document Box, computers, and FAX RX data.
	Value: Inner Tray: Outputs to the Inner Tray of the machine.
	Tray A, Tray B, Tray C:
	Outputs to Trays A to C of the optional 4,000-sheet Finisher.
	Finisher Left Tray, Finisher Top Tray:
	Outputs to the Left Tray or Top Tray of the optional 1,000-sheet Finisher.
	Right tray: Outputs to the optional Right Job Separator.
	Job Separator: Outputs to the optional Inner Job Separator.
	Tray 1 to 7: Outputs to trays 1 to 7 (tray 1 is the uppermost tray) of the optional Mailbox.
	NOTE
	[Inner Tray] cannot be selected when the optional 1,000-sheet finisher or 4,000-sheet finisher is installed.
	When [Heavy 3] (164 $g/m^2$ - ) or higher is set in Paper Weight and Mailbox (Option) is set for the output destination, the output destination is automatically changed to a tray that can be used.
	FAX RX data output can be specified when the optional fax kit is installed.

#### **Orientation Confirmation**



er to display a screen for selecting the nen using the following functions. inal Orientation on page 6-16 for deta	e orientation of the originals to be placed on
inal Offentation on page 0-10 for dete	ils.
rase • ge	Page # Booklet Staple/Punch (optional feature) 2-sided/Book Original Text Stamp Bates Stamp
= (	entering • ase •

## **Color Toner Empty Action**



Item	Description
Color Toner Empty Action	Select whether printing is prohibited or the Print in Black and White setting is used for printing once the color toner runs out.  Value: Stop printing, Print in Black & White

### **Function Defaults**



If you want to enable the changed defaults immediately, move to the function screen and press the [Reset] key.

Item	Description
Original Orientation	Set the original orientation defaults.  Value: Top Edge on Top, Top Edge on Left
Original Image (Copy)	Set the default original document type for copying.  Value: Text+Photo (Printer), Text+Photo (Magazine), Photo (Printer), Photo (Magazine),  Photo (Photo Paper), Text, Text (Fine Line), Graphic/Map (Printer), Graphic/Map (Magazine)
Org. Image (Send/Store)	Set the default original document type for sending/storing.  Value: Text + Photo, Photo, Text, Text (for OCR)
Scan Resolution	Select the default scanning resolution.  Value: 600×600dpi, 400×400dpi Ultra Fine, 300×300dpi, 200×400dpi Super Fine, 200×200dpi Fine, 200×100dpi Normal
FAX TX Resolution*	For details, refer to the FAX Operation Guide.
Color Selection (Copy)	Set the default copying color mode setting.  Value: Auto Color, Full Color, Black & White
Color Select.(Send/Store)	Select the default color mode for scanning documents.  Value: Auto Color (Color/Gray), Auto Color (Color/B & W), Full Color, Grayscale, Black & White
File Format	Set the default type of the files.  Value: PDF, TIFF, JPEG, XPS, High Comp. PDF
File Separation	Select the default file separation setting.  Value: Off, Each Page
Backgrnd Density (Copy)	Set the default Backgrnd Density (Copy).  Value: Off, Auto, Manual (Darker 5)
BackgrndDens.(Send/Store)	Set the default Backgrnd Density (Send/Store).  Value: Off, Auto, Manual (Darker 5)
Prevent Bleed-thru (Copy)	Set the default value for preventing bleed-through (Copy).  Value: Off, On
Prevent Bleed(Send/Store)	Set the default Prevent Bleed (Send/Store).  Value: Off, On
Zoom	Select the enlarged/reduced default when paper size/sending size changed after the originals set.  Value: 100%, Auto
Border Erase Default	Set the default width to be erased as a border.  Value  Metric: 0 to 50 mm (in 1 mm increments)  Inch: 0 to 2" (in 0.01" increments)  NOTE  To specify border erase widths around original, set the value in "Border". To specify border erase widths in the middle of original, set the value in "Gutter".

Item	Description
Border Erase to Back Page	Select the Border Erase Method for Back Page of a sheet.
	Value: Same as Front Page, Do Not Erase
Margin Default	Set the default margin.
	Value
	Metric Left/Bight: 49 to 49 mm (in 4 mm ingraments)
	Left/Right: -18 to 18 mm (in 1 mm increments)  Top/Bottom: -18 to 18 mm (in 1 mm increments)
	Inch
	Left/Right: -0.75 to 0.75" (in 0.01" increments)
	Top/Bottom: -0.75 to 0.75" (in 0.01" increments)
Auto Image Rotation (Copy)	Select the default Auto Image Rotation setting.
	Value: Off, On
EcoPrint	Select the EcoPrint default.
	Value: Off, On
Toner Save Level (EcoPrint)	Select the default Toner Save Level (EcoPrint).
	Value: [1](Low) to [5](High)
	NOTE
	Raising the level reduces toner consumption, but image quality falls.
High Comp. PDF Image	Select the default quality setting for high compressed PDF files.
	Value: Compression Ratio Priority, Standard, Quality Priority
Color TIFF Compression	Select the compression method for sending the color documents in the TIFF format.
	Value: [TIFF V6], [TTN2]
Image Quality (File Format)	Select the default PDF/TIFF/JPEG/XPS file quality.
	Value: 1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)
Collate/Offset	Set the defaults for Collate/Offset.
	Value
	Collate: Off, On Offset: Off, Each Set (If [Off] is selected of Collate, it is set to [Each Page].)
JPEG/TIFF Print	Select the image size (resolution) when printing JPEG or TIFF file.
JPEG/TIFF FIIIIL	Value: Fit to Paper Size, Image Resolution, Fit to Print Resolution
XPS Fit to Page	Set the default value for the XPS fit to page function.
	Value: Off, On
PDF/A	Select the default PDF/A setting.
	Value: Off, PDF/A-1a, PDF/A-1b
Cont. Scan (Except FAX)	Set the continuous scan defaults.
	Value: Off, On
Continuous Scan (FAX)*	For details, refer to the FAX Operation Guide.
File Name Entry	Set an automatically entered name (default) for jobs. Additional information such as Date and
	Time and Job No. can also be set.  Value
	File Name: Up to 32 characters can be entered.
	Additional Info: None, Date and Time, Job No., Job No. & Date and Time,
	Date and Time & Job No.

Item	Description
E-mail Subject/Body	Set the subject and body automatically entered (default subject and body) when sending the scanned originals by E-mail. Three body messages can be registered, and the initial template can be used to choose which body message is used.  Value
	Subject: Up to 60 characters can be entered.
	Body 1 to 3: Up to 500 characters can be entered.
i-FAX Subject/Body	Set the subject and body automatically entered (default subject and body) when sending the scanned originals by i-FAX.  Value  Subject: Up to 60 characters can be entered.
	Body: Up to 500 characters can be entered.
	NOTE
	This function is displayed when the optional Internet FAX Kit is installed.
	Internet FAX Kit(A) "Internet FAX Kit" (page 11-7)
DP Read Action	Set the operation when a document is scanned from the document processor.  Value: Speed Priority, Quality Priority
	NOTE
	This function is displayed when the optional document processor is installed.
	When Document Guard is set to [On], this function will not be displayed.
OCR Text Recognition	Set the default OCR Text Recognition.  Value: Off, On
	NOTE
	This function can only be used when the optional OCR Scan Activation Kit is installed.  Scan extension kit(A) "OCR Scan Activation Kit" (page 11-8)
Primary OCR Language	Set the default language of the text to be extracted. ([English] is selected as a default.)
Timury Cort Language	Value: English, English+German, English+French, English+Spanish, English+Italian,
	English+Dutch, English+Russian, English+Portugal (Brazil), English+Greek,
	English+Portugal (Portugal), English+Finnish, English+Hungarian,
	English+Catalan, English+Romanian, English+Czech, English+Danish,
	English+Swedish, English+Norwegian, English+Polish, English+Turkish, English+Japanese, English+Korean, English+Chinese(Simplified), English+Chinese(Traditional)
	NOTE
	This function can only be used when the optional OCR Scan Activation Kit is installed.
	Scan extension kit(A) "OCR Scan Activation Kit" (page 11-8)
Auto Image Rotation (OCR)	Set the default Auto Image Rotation (OCR).  Value: Off, On
	NOTE
	This function can only be used when the optional OCR Scan Activation Kit is installed.
	Scan extension kit(A) "OCR Scan Activation Kit" (page 11-8)
	If you frequently use the originals with the mixed orientation, select [On].

Item	Description
Repeat Copy	Select the Repeat Copy default.  Value: Off, On
	NOTE  This function will not be displayed when the optional Data Security Kit is installed.  This function will not be displayed when Repeat Copy Job Retention is set to 0.
Skip Blank Page	Select the default Skip Blank Page settings.  Value: Off, On

<sup>\*</sup> Displayed only when the optional fax kit is installed.

## **USB Keyboard Type**



Item	Description
USB Keyboard Type	Set the type of USB keyboard that is connected.
	Value: US-English, US-English with Euro, French, German

## **System Stamp**



	Item	Description
Basic	;	Configure settings for stamps.
	Text (Text Stamp)	Press [Add/Edit] to edit the test string for a template. Up to 8 templates can be registered. Press [Delete] to delete a template.
	Font (Page #)	Set the font size for page numbers when printing them.  Value: 6.0 to 64.0 pt
	Font (Bates Stamp)	When a bates stamp is used, set the font sizes that can be set.  Value: 6.0 to 64.0 pt
	Font (Text Stamp)	Set the font size for stamps when printing them.  Value: 6.0 to 64.0 pt

	Item		Description
Print	Print Job Status		Configure settings for stamps when a document is printed.  After configuring the setting, return to the Copying Functions or Custom Box (Printing a Document) screen from System Menu, and press the [Reset] key.
	Text Stamp		Select whether to print a text stamp on all printing jobs.  Value: Off, On
			NOTE  When [On] is selected, the Text Stamp settings cannot be changed when printing.
			Set the default text stamp.
	Edit Text Stamp Stamp		Select a text string to be stamped from templates, or press [Stamp] and enter a maximum of 32 characters for the text string.
			NOTE
			Templates that have been set will appear. For details on registering templates, refer to <a href="Text">Text</a> (Text Stamp) on page 8-20.
		Stamp Method	Select the stamp method for the text stamp.  Value: Each Print Page, Each Original Page
		Position	Set the text stamp position.  Value: Top Left, Top Middle, Top Right, Middle Left, Center, Middle Right, Bottom Left, Bottom Middle, Bottom Right, Detail
			NOTE  Press [Detail] to set the stamp position using numeric values, and to set the stamp position and angle when a stamp is placed on the back side of the paper in duplex printing.
		Font	Set the font of the text stamp.  Value  Size: Font sizes registered in Font (Text Stamp) on page 8-20 are displayed.  Character Border: Off, Circle, Rectangle, Underline  Style: None, Bold, Italic, Bold/Italic  Font: Courier, Letter Gothic  Color: Black, Red, Green, Blue, Cyan, Magenta, Yellow, White  Density: 10 to 100% (in 10% increments)  Display Pattern: Transparent, Clipping, Overwrite
	Bates Stamp		Select whether to print a bates stamp on all printing jobs.  Value: Off, On
			NOTE  When [On] is selected, the Bates Stamp settings cannot be changed when printing.
	Edit Bates Stamp		Set the default Bates Stamp.  Value: Date, User Name, Serial Number, Numbering, Text 1, Text 2, Date Format, Numbering Default, Position, Font
			NOTE  To set [Text 1] or [Text 2], press [Change] below and enter a maximum of 32 characters for the text string.  To set [Date], press [Date Format] and set the date display format.  To set [Numbering], press [Numbering Default] and set the starting sequence number (1 to 9999999).  Press [Detail] in "Positon" to set the stamp position using numeric values, and to set the stamp
			position to be placed on the back side of the paper in duplex printing.

Item			Description
Send	Sending Jobs		Configure stamp settings for sending documents.  After configuring the setting, return to the Sending Functions or Custom Box (Sending Documents) screen from System Menu, and press the [Reset] key.
	Text Stamp		Select whether to print a text stamp on all sending jobs.  Value: Off, On
			When [On] is selected, the Text Stamp settings cannot be changed when sending.
	Edit Text Stamp		Set the default text stamp.
		Stamp	Select a text string to be stamped from templates, or press [Stamp] and enter a maximum of 32 characters for the text string.
			NOTE
			Templates that have been set will appear. For details on registering templates, refer to <a href="Text">Text</a> (Text Stamp) on page 8-20.
		Position	Set the text stamp position.  Value: Top Left, Top Middle, Top Right, Middle Left, Center, Middle Right, Bottom Left, Bottom Middle, Bottom Right, Detail
			NOTE
			Press [Detail] to set the stamp position using numeric values, and to set the stamp angle.
		Font	Set the font of the text stamp.
			Value
			Size: Font sizes registered in <u>Font (Text Stamp) on page 8-20</u> are displayed.  Character Border: Off, Circle, Rectangle, Underline
			Style: None, Bold, Italic, Bold/Italic
			Font: Courier, Letter Gothic
			Color: Black, Red, Green, Blue, Cyan, Magenta, Yellow, White
			Density: 10 to 100% (in 10% increments)
			Display Pattern: Transparent, Clipping, Overwrite
	Bates Stam	p	Select whether to print a bates stamp on all sending jobs.  Value: Off, On
			NOTE
			When [On] is selected, the Bates Stamp settings cannot be changed when sending.
	Edit Bates S	Stamp	Set the default Bates Stamp.  Value: Date, User Name, Serial Number, Numbering, Text 1, Text 2, Date Format, Numbering Default, Position, Font
			NOTE  To set [Text 1] or [Text 2], press [Change] below and enter a maximum of 32 characters for the text string.
			To set [Date], press [Date Format] and set the date display format.
			To set [Numbering], press [Numbering Default] and set the starting sequence number (1 to 9999999).
			When you press [Detail] in "Position", the stamp position can be specified using numeric values.

	Item		Description
Storii	Storing Jobs		Configure stamp settings for storing documents in removable memory.  After configuring the setting, return to the Custom Box (Storing Documents) screen from System Menu, and press the [Reset] key.
	Text Stamp		Select whether to print a text stamp on all storing jobs.  Value: Off, On
			NOTE  When [On] is selected, the Text Stamp settings cannot be changed when storing.
	Edit Text St	amp	Set the default text stamp.
		Stamp	Select a text string to be stamped from templates, or press [Stamp] and enter a maximum of 32 characters for the text string.
			NOTE
			Templates that have been set will appear. For details on registering templates, refer to <u>Text</u> ( <u>Text Stamp</u> ) on page 8-20.
		Position	Set the text stamp position.  Value: Top Left, Top Middle, Top Right, Middle Left, Center, Middle Right, Bottom Left, Bottom Middle, Bottom Right, Detail
			NOTE
			Press [Detail] to set the stamp position using numeric values, and to set the stamp angle.
		Font	Set the font of the text stamp.
			Value Size: Font sizes registered in Font (Text Stamp) on page 8-20 are displayed.
			Character Border: Off, Circle, Rectangle, Underline
			Style: None, Bold, Italic, Bold/Italic
			Font: Courier, Letter Gothic
			Color: Black, Red, Green, Blue, Cyan, Magenta, Yellow, White Density: 10 to 100% (in 10% increments)
			Display Pattern: Transparent, Clipping, Overwrite
	Bates Stam	p	Select whether to print a bates stamp on all storing jobs.  Value: Off, On
			NOTE
			When [On] is selected, the Bates Stamp settings cannot be changed when storing.
	Edit Bates S	Stamp	Set the default Bates Stamp.
			Value: Date, User Name, Serial Number, Numbering, Text 1, Text 2, Date Format, Numbering Default, Position, Font
			NOTE
			To set [Text 1] or [Text 2], press [Change] below and enter a maximum of 32 characters for the text string.
			To set [Date], press [Date Format] and set the date display format.
			To set [Numbering], press [Numbering Default] and set the starting sequence number (1 to 9999999).
			When you press [Detail] in "Position", the stamp position can be specified using numeric values.

## **Manual Staple**





Only displayed when the optional 4,000-sheet finisher is installed.

Item	Description
Manual Staple	Select whether to use Manual Staple.  Value: Off, On  NOTE  If you selected [On], set the time until manual stapling mode is automatically cancelled. The setting range is 5 to 60 seconds (in 5-second increments).
Staple Position	Set the default Staple Position.  Value: A4 Long Edge, Letter Long Edge

## Offset Documents by Job



Item	Description
Offset Documents by Job	Select whether to offset documents by Job.  Value: Off, On
	NOTE  This function is displayed when an optional 1,000-sheet finisher or 4,000-sheet finisher is installed.

## **Offset One Page Documents**



Item	Description
Offset One Page Documents	Set whether one-page documents are sorted.  Value: Off, On
	NOTE  This function is displayed when an optional 1,000-sheet finisher or 4,000-sheet finisher is installed.

### **Low Toner Alert Level**



Item	Description
Low Toner Alert Level	Set the amount of remaining toner to alert low toner.  Value: Off, On
	NOTE  Selecting [Off] alerts you low toner when the amount of remaining toner becomes 5%.  If [On] is selected, set the amount of remaining toner to alert. The setting range is 5 to 100% (in 1% increments).

## **Display Status/Log**



	Item	Description
Display Status/Log		Set the display method of the Status/Log.
	Display Jobs Detail Status	Value: Show All, My Jobs Only, Hide All
	Display Jobs Log	Value: Show All, My Jobs Only, Hide All
	Display FAX Log*	Value: Show All, Hide All

<sup>\*</sup> Displayed only when the optional fax kit is installed.

## **Message Banner Print**



Item	Description
Message Banner Print	Set whether the confirmation screen appears before each sheet is printed when printing multiple banner sheets.  Value: Off, On

## **Customize Status Display**



Item		Description
Customize Status Display		Set the items that appear in the status screens for printing jobs, sending jobs, and storing jobs.
	Printing Jobs Column 1	Value: Job Name, User Name, Print Pages x Copies, Total Printed Pages, Color/Black & White
	Printing Jobs Column 2	Value: Job Name, User Name, Print Pages x Copies, Total Printed Pages, Color/Black & White
	Sending Jobs Column 1	Value: Job Name, User Name, Destination, Original Pages, Color/Black & White
	Sending Jobs Column 2	Value: Job Name, User Name, Destination, Original Pages, Color/Black & White
	Storing Jobs Column 1	Value: Job Name, User Name, Original Pages, Color/Black & White
	Storing Jobs Column 2	Value: Job Name, User Name, Original Pages, Color/Black & White

## **Function Key Usage**



Item		Description
Function Key Usage		Select whether to enable the Copy Key, Send Key, and FAX Key on the operation panel.
	Copy Key	Value: Disable, Enable
	Send Key	Value: Disable, Enable
	FAX Key*	Value: Disable, Enable

<sup>\*</sup> Displayed only when the optional fax kit is installed.

## **Message Board Settings**



	Item	Description
Mess	age Board	Select whether to use the Message Board.  Value: Off, On
Mess	age List	Configure settings for the registered message board.
	Add	Add a new message board.
	Device to Show	Select where to show the message.  Value
		Hide: Displays no message.  Operation Panel: Displays on the operation panel.
		Embedded Web Server: Displays a message in Embedded Web Server RX.
		Panel + Web Server: Displays a message in the operation panel and Embedded Web Server RX.
	Message Type	Select the message type.  Value: Normal, Alert, Prohibition
	Place to Show	Select where to show the message in the operation panel.  Value:  Login Screen: Login screen of user login administration  Home Screen: Home Screen  Login Screen+Home Screen: Login screen and Home screen of user login administration
	Priority Show	Displays the message on the message board.  Value: Off, On
	Title	Enter a maximum of 30 characters for the title to display on the message board.
	Body	Enter a maximum of 300 characters for the body to display on the message board.
	Delete	Deletes the message board selected on the list.
	Raise Priority	Raise the priority of the message board selected on the list.
	Lower Priority	Lower the priority of the message board selected on the list.
	Detail	Display information on the selected message board.

## **Remote Printing**



Item	Description
Remote Printing	Select whether to prohibit printing that is performed without operating the machine. When [Prohibit] is selected, you can print the document that you have stored in the document box by operating at the machine. This prevents another person from seeing that document.  Value: Prohibit, Permit
	NOTE  If [Prohibit] is selected, printing and storing using Quick Copy and Proof and Hold functions are disabled. Printing a received FAX (optional) is not prohibited.

# **Home**



Configure settings for Home screen.



Editing the Home Screen (page 3-5)

# Copy



Configure settings for copying functions.

Item	Description
Paper Selection	Set the default paper selection.
	Value: Auto, Default Paper Source
Auto Image Rotation Action	Set whether the image is rotated when the orientation of the document to be printed is different from the orientation of the paper.
	Value Unrotated Manual Copy: If a paper source or zoom ratio is specified, the image is not rotated.
	Apply All: Rotates all images.
	Follow Image Size: The image is rotated if the rotated image fits on the paper.
	NOTE
	This function is only enabled when [On] is selected in <u>Auto Image Rotation on page 6-59</u> .
Auto Paper Selection	If [Auto] is selected for Paper Selection, set the paper size selection method when the zoom changes.*1
	Value
	Most Suitable Size: Selects paper size based on the current zoom and the size of the original.
	Same as Original Size: Selects paper that matches the size of the original, regardless the zoom.
Auto % Priority	When a paper source of different size from the original is selected, select whether automatic zoom (reduce/zoom) is performed.*1
	Value: Off, On
Paper Size for Small Original	Specify the paper size to be used for a case where the original is too small to be detected in the Auto Paper Selection mode.
	Value: Default Paper Source, A4, A4-R, A5-R, A6-R, B5, B5-R, B6-R, Letter, Letter-R, Statement-R
Preset Limit	Restrict the number of copies that can be made at one time.
	Value: 1 to 999 copies

Item	Description
Reserve Next Priority	Specify whether the default screen appears when a subsequent copy job is reserved while printing is in progress. To have the default screen appear, select [On].  Value: Off, On
Quick Setup Registration	Select the functions to be registered for Quick Setup.  Six keys of the Quick Setup screen are allocated to typical functions but can be changed as necessary.
	Six items in the following options are available.  Value: Paper Selection, Zoom, Staple/Punch*2, Density, Duplex, Combine, Collate/Offset, Original Image, Original Size, Original Orientation, Color Selection, Continuous Scan, Background Density Adj.

<sup>\*1</sup> If you want to enable the changed defaults immediately, move to the function screen and press the [Reset] key.

# **Send**



Configure settings for sending functions.

Item	Description
Quick Setup Registration	Select the functions to be registered for Quick Setup. Six keys of the Quick Setup screen are allocated to typical functions but can be changed as necessary.  Six items in the following options are available.
	Value: Original Size, 2-sided/Book Original <sup>*1</sup> , Sending Size, Original Orientation, File Format, Density, Original Image, Scan Resolution, FAX TX Resolution <sup>*2</sup> , Color Selection, Zoom, Continuous Scan, Background Density Adj.
Dest. Check before Send	Select whether to display the confirmation screen of destinations after pressing the [Start] key when performing sending jobs.  Value: Off, On
Color Type	Set the color type when you send color documents.  Value: [RGB], [sRGB]
Entry Check for New Dest.	When adding new destination, select whether to display the entry check screen to check the entered destination.  Value: Off, On
Default Screen	Set the default screen displayed when you press the [Send] key.  Value: Destination, Address Book

<sup>\*2</sup> This setting is displayed when the optional 1,000-sheet finisher or 4,000-sheet finisher is installed. When a punching unit is not installed, this item name is "Staple".

	Item	Description
Send and Forward		Select whether to forward the original to another destination when sending images.
	Forward	Select whether to forward the original.  Value: Off, On
		NOTE
		When selecting [On], select rules to forward from [E-mail], [Folder(SMB)], [Folder(FTP)], [FAX] <sup>*2</sup> , [i-FAX(Via server-On)] <sup>*3</sup> , and [i-FAX(Via server-Off)] <sup>*3</sup> .
	Destination	Set the destination to which the original is forwarded. One destination can be set. Follow the steps below to register the destination.
		Address Book  Address Fatas (F. ansil)
		Address Entry (E-mail)     Address Entry (folder)
		Address Entry (folder)
		Specifying Destination (page 5-28)
	Color Setting	Configure the color settings for forwarded original.
		Value: Auto Color (Color/Gray), Auto Color (Color/B & W), Full Color, Grayscale, Black & White
	Scan Resolution	Select resolution for stored original.  Value: 600x600dpi, 400x400dpi Ultra Fine, 300x300dpi, 200x400dpi Super Fine, 200x200dpi Fine, 200x100dpi Normal
	File Format	Select the file format of forwarded original. For details on setting value, refer to File format for Send and Forward on page 8-31.
	File Separation	Set whether originals are divided into multiple files before being forwarded.  Value: Off, Each Page
	E-mail Subject	Enter a maximum of 60 characters for the subject of forwarded E-mail.
		Character Entry Method (page 11-11)
	FTP Encrypted TX	Set whether originals are encrypted before being forwarded.  Value: Off, On
		NOTE
		This function is displayed when SSL is set to [On] in Security Settings.
		Security Settings (page 8-46)
New [	Destination Entry	Select whether to permit direct entry of destination.  Value: Prohibit, Permit
Recal	I Destination	Select whether to permit usage of [Recall] on the Send screen.  Value: Prohibit, Permit
OCR Text Recognition Act.		Configure settings for OCR Text Recognition Action.  Value: Speed Priority, Quality Priority
		NOTE
		This function can only be used when the optional OCR Scan Activation Kit is installed.
		Scan extension kit(A) "OCR Scan Activation Kit" (page 11-8)
HighC	CompressionPDF Mode	Select the compression method for sending High-Compression PDF.
		Value: Text Priority, File Size Priority
HighC	CompressionPDF Mode	

<sup>\*1</sup> When the optional document processor is not installed, this is set to "Book Original".

<sup>\*2</sup> Displayed only when the optional fax kit is installed.

<sup>\*3</sup> Displayed only when the optional Internet FAX Kit is installed.

### File format for Send and Forward



Select the file format for forwarded original.

The table below lists the file formats and their details.

File format	Adjustable range of image quality	Color setting
PDF*	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale, Black and White
TIFF	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale, Black and White
JPEG	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Full Color, Grayscale
XPS	1 Low Quality (High Comp.) to 5 High Quality (Low Comp.)	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale, Black and White
High Comp. PDF *	Compression Ratio Priority, Standard, Quality Priority	Auto Color (Color/Grayscale), Auto Color (Color/Black and White), Full Color, Grayscale

<sup>\*</sup> File format can be selected. (Value: [Off] / [PDF/A-1a] / [PDF/A-1b])



When [High Comp. PDF] is selected, you cannot adjust the image quality.

#### **PDF Encryption Functions**

If you have selected PDF or High Comp. PDF for file format, you can restrict the access level for displaying, printing, and editing PDF's by assigning a secure password.

Items that can be set vary depending on the setting selected in "Compatibility".

#### When [Acrobat 3.0 or later] is selected



	ľ	tem	Value	Description
Password to Open Document		pen Document	Off, On	Enter the password to open the PDF file. Press [Password], enter a password (up to 256 characters) and then press [OK]. Press [Confirmation] to enter the password again for confirmation, and press [OK].
	Password to Edit/Print Document		Off, On	Enter the password to edit the PDF file.
Docu				Press [Password], enter a password (up to 256 characters) and then press [OK].  Press [Confirmation] to enter the password again for confirmation, and press [OK].
				When you have entered the password to edit/print document, you can specifically limit the operation.
	Detail	Printing Allowed	Not Allowed, Allowed	Restricts printing of the PDF file.
		Changes Allowed	Not Allowed	Disables the change to the PDF file.
			Commenting	Can only add commenting.
			Page Layout except extracting Pages	Can change the page layout except extracting the pages of the PDF file.
			Any except extracting Pages	Can conduct all operations except extracting the pages of the PDF file.
		Copying of Text/ Images/Others	Disable, Enable	Restricts the copying of text and objects on the PDF file.

### When [Acrobat 5.0 or later] is selected

System Menu Send Send and Forward PDF/High Comp. PDF

	I	tem	Value	Description
Password to Open Document		pen Document	Off, On	Enter the password to open the PDF file. Press [Password], enter a password (up to 256 characters) and then press [OK]. Press [Confirmation] to enter the password again for confirmation, and press [OK].
		dit/Print	Off, On	Enter the password to edit the PDF file.
Docum	Document			Press [Password], enter a password (up to 256 characters) and then press [OK].  Press [Confirmation] to enter the password again for confirmation, and press [OK].  When you have entered the password to edit/print document, you can specifically limit the operation.
	Detail	Printing	Not Allowed	Disables the printing of PDF file.
		Allowed	Allowed (Low Resolution only)	Can print the PDF file only in low resolution.
			Allowed	Can print the PDF file in original resolution.
		Changes Allowed	Not Allowed	Disables the change to the PDF file.
			Inserting/Deleting/ Rotating Pages	Can only insert, delete, and rotate the pages of the PDF file.
			Commenting	Can only add commenting.
			Any except extracting Pages	Can conduct all operations except extracting the pages of the PDF file.
		Copying of Text/ Images/Others	Disable, Enable	Restricts the copying of text and objects on the PDF file.

# **Document Box/Removable Memory**

System Menu

### **)**

#### **Document Box/Removable Memory**

	Item	Description
Cust	om Box	Configure settings for Custom Box.
	Add/Edit Box	For details, refer to <u>Using a Custom Box on page 5-54</u> .
	Default Setting	Auto File Deletion Time Set the time to automatically delete stored documents.
FAX	Box*1	For details, refer to the FAX Operation Guide.
Job I	Вох	Configure settings for Job Box.
	Quick Copy Job Retention	To maintain free space on the hard disk, you can set the maximum number of stored jobs.  Value: number between 0 and 300
		NOTE
		When 0 is set, Quick Copy cannot be used.
	Repeat Copy Job Retention	To maintain free space on the hard disk, you can set the maximum number of stored jobs.  Value: number between 0 and 50
		NOTE
		This function will not be displayed when the optional Data Security Kit is activated.  When 0 is set, Repeat Copy cannot be used.
	Deletion of Job Retention	This setting specifies that documents, such as Private Printing, Quick Copying, or Proof and Hold Printing, saved temporarily in the job box are automatically deleted after they have been saved for a set time.  Value: Off, 1 hour, 4 hours, 1 day, 1 week
		NOTE  This function is valid for documents saved after the function is set. Regardless of this function setting, temporary documents are deleted when the main power switch is turned off.
Polli	ng Box <sup>*1</sup>	For details, refer to the FAX Operation Guide.
Quic	k Setup Registration	Select the functions to be registered for Quick Setup. Six keys of the Quick Setup screen are allocated to typical functions but can be changed as necessary.
	Store File	Select the functions to be registered for Store File Quick Setup.
		Color Selection, Storing Size, Density, 2-sided/Book Original *2, Scan Resolution, Zoom, Original Orientation, Original Size, Original Image, Continuous Scan, Background Density Adj.  Value: Off, Key 1 to 6
	Print	Select the functions to be registered for Print Quick Setup.
		Paper Selection, Collate/Offset, Staple/Punch*3, Duplex, Combine, Delete after Printed Value: Off, Key 1 to 6
	Send	Select the functions to be registered for Send Quick Setup.  Sending Size, FAX TX Resolution*1, File Format, Delete after Transmitted  Value: Off, Key 1 to 6

<sup>\*1</sup> Displayed only when the optional fax kit is installed.

<sup>\*2</sup> When the optional document processor is not installed, this is set to "Book Original".

<sup>\*3</sup> This setting is displayed when the optional 1,000-sheet finisher or 4,000-sheet finisher is installed. When a punching unit is not installed, this item name is "Staple".

# **FAX**



Configure settings for FAX. For details, refer to the FAX Operation Guide.

## **Printer**



When printing from computers, settings are generally made on the application software screen. However, the following settings are available for configuring the defaults to customize the machine.

	Item	Description
Emul	ation	Set the emulation for operating this machine by commands oriented to other types of printers.  Value: PCL6, IBM Proprinter, Line Printer, EPSON LQ-850, KPDL, KPDL(Auto)  NOTE  IBM Proprinter, Line Printer, and EPSON LQ-850 are displayed when the optional Emulation Upgrade Kit is installed.  If you selected [KPDL(Auto)], set "Alternative Emulation", too.  When you have selected [KPDL] or [KPDL(Auto)], set "KPDL Error Report", too.
	Alt Emulation	When you have selected [KPDL(Auto)] as emulation mode, you can switch between KPDL and another emulation mode (alternative emulation) automatically according to the data to print.  Value: PCL6, IBM Proprinter, Line Printer, EPSON LQ-850  NOTE  IBM Proprinter, Line Printer, and EPSON LQ-850 are displayed when the optional Emulation Upgrade Kit is installed.
	KPDL Error Report	When an error has occurred during printing in KPDL emulation mode, set whether the error report is output.  Value: Off, On
Colo	r Setting	You can choose whether reports are printed in color or black and white.  Value: Color, Black & White
Gloss Mode		Gloss Mode increases the effect of glossiness in printing. However, printing takes longer time.  Value: Off, On  IMPORTANT  Gloss Mode is not available when [Labels] or [Transparency] is selected as the paper type setting. (Refer to Cassette/MP Tray Settings on page 8-7.)  Depending on the paper used, printing in gloss mode may cause curl in paper.  To reduce curl, try using thicker paper.
EcoPrint		EcoPrint conserves toner when printing. This is recommended for test copies where lighter printing is not a problem.  Value: Off, On
Tone	r Save Level (EcoPrint)	Select the default Toner Save Level (EcoPrint).  Value: 1 (Low) to 5 (High)  NOTE  Raising the level reduces toner consumption, but image quality falls.

Item	Description
Override A4/Letter	Select whether to treat A4 size and Letter, which are similar in size, as the same size when printing.  Value
	Off: A4 and Letter are not regarded as the same in size.
	On: A4 and Letter are regarded as the same in size. The machine will use whichever size is in the paper source.
Duplex	Select binding orientation for duplex mode.  Value: 1-sided, 2-sided(Bind Long Edge), 2-sided(Bind Short Edge)
Copies	Set the default number of copies, from 1 to 999.  Value: 1 to 999 copies
Orientation	Set the default orientation, [Portrait] or [Landscape].
	Value: Portrait, Landscape
Form Feed Timeout	Receiving print data from the computer, the machine may sometimes wait if there is no information signaling that the last page does not have any more data to be printed. When the preset timeout passes, the machine automatically prints the document. The options are between 5 and 495 seconds.
	Value: 5 to 495 seconds
LF Action	Set the line feed action when the machine receives the line feed code (character code 0AH).  Value: LF Only, LF and CR, Ignore LF
CR Action	Set the character return action when the machine receives the character return code (character code 0DH).
	Value: CR Only, LF and CR, Ignore CR
Job Name	Set whether the job name set in the printer driver is displayed.
	Value: Off, On
	NOTE
	When selecting [On], select the job name to be displayed from [Job Name], [Job No. & Job Name], or [Job Name & Job No.].
User Name	Set whether the user name set in the printer driver is displayed.
	Value: Off, On
Paper Feed Mode	While printing from the computer, select how to feed paper when the paper source and type are specified.
	Value
	Auto: Search the paper source that matches the selected paper size and type.
	Fixed: Print on paper loaded in the specified paper source.

# Report

Print reports to check the machine settings and status. Default settings for printing the result reports can also be configured.

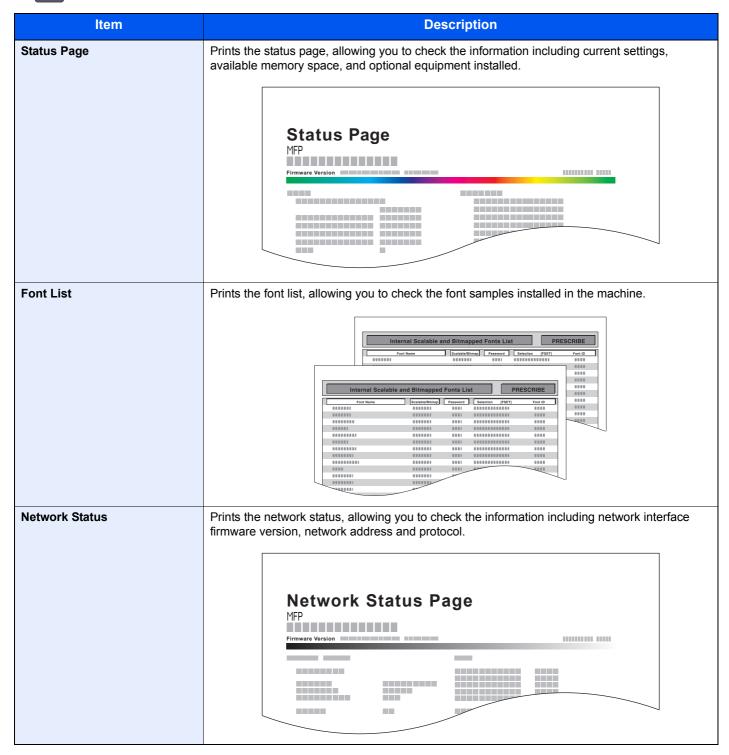


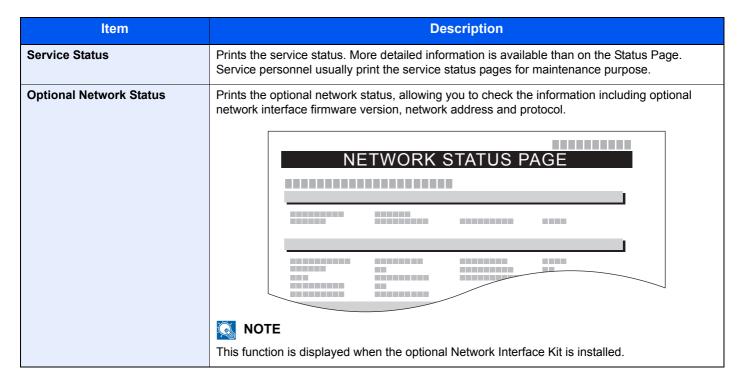
#### **NOTE**

The Firey reports are available from the Fiery screen.

#### **Print Report**







#### **Admin Report Settings**



Configure settings for fax functions. For details, refer to the FAX Operation Guide.

#### **Result Report Settings**



	Item	Description
Send	Result Report	Automatically print a report of transmission result when a transmission is complete.
E-mail/Folder Print a report of E-mail/Folder transmission results.  Value: Off, On, Error Only		·
	FAX*1	For details, refer to the FAX Operation Guide.
	Canceled before Sending	Print a send result report when the job is canceled before being sent.  Value: Off, On
	Recipient Format	Select the Recipient Format for the send result report.  Value: Name or Destination, Name and Destination
FAX	TX Resolution* <sup>1</sup>	For details, refer to the FAX Operation Guide.
Job F	Finish Notice Setting* <sup>1</sup>	For details, refer to the FAX Operation Guide.
RX R	esult Report Type*1*2	For details, refer to the FAX Operation Guide.

<sup>\*1</sup> Displayed only when the optional fax kit is installed.

<sup>\*2</sup> This is not displayed if you selected [Off] for FAX RX Result Report.

## **Sending Log History**



Item	Description
Auto Sending	This function automatically sends the log history to the specified destinations whenever a set number of jobs has been logged.  Value: Off, On
	NOTE  If [On] is selected, specify the number of job histories. The setting range is 1 to 1,500.
Sending Log History	You can also send the log history to the specified destinations manually.
Destination	Set the destination to which log histories are sent. Only E-mail address can be set.
Job Log Subject	Set the subject automatically entered when sending log histories by E-mail.  Value: Up to 60 characters
Personal Information	Select whether to include personal information in the job log.  Value: Include, Exclude

## **Login History Settings**



Item	Description
Login History	Select whether to record the Login History.  Value: Off, On
	NOTE
	If [On] is selected, set the number of histories to be recorded. The setting range is 1 to 1,000.
Auto Sending	Select whether the login history is automatically sent to the set address when the number of entries reaches the number set in "Login History".  Value: Off, On
	NOTE
	This function is displayed when "Login History" is set to [On].
Destination	Set the destination to which login histories are sent. E-mail address only can be set as destination.
	NOTE
	This function is displayed when "Login History" is set to [On].
Subject	Set the subject automatically entered when sending login histories by E-mail.  Value: Up to 60 characters
	NOTE
	This function is displayed when "Login History" is set to [On].
Log Reset	Resets the recorded login histories.

## **NOTE**

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

## **Device Log History Settings**



Item	Description
Device Log History	Select whether to record the device log history.
	Value: Off, On
	NOTE
	If [On] is selected, set the number of histories to be stored. The setting range is 1 to 1,000.
Auto Sending	Select whether the device log history is automatically sent to the set address when the number of entries reaches the number set in "Device Log History".
	Value: Off, On
	NOTE
	This function is displayed when "Device Log History" is set to [On].
Destination	Set the destination to which device log histories are sent. E-mail address only can be set as destination.
	NOTE
	This function is displayed when "Device Log History" is set to [On].
Subject	Set the subject automatically entered when sending device log histories by E-mail.  Value: Up to 60 characters
	NOTE
	This function is displayed when "Device Log History" is set to [On].



If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

## Secure Comm. Error Log



Item	Description
Secure Comm. Error Log	Select whether to record the secure communication error log history.  Value: Off, On  NOTE  If [On] is selected, set the number of histories to be stored. The setting range is 1 to 1,000.
Auto Sending	Select whether the secure communication error log history is automatically sent to the set address when the number of entries reaches the number set in "Secure Comm. Error Log".  Value: Off, On  NOTE  This function is displayed when "Secure Communication Error Log History" is set to [On].
Destination	Set the destination to which secure communication error log histories are sent. E-mail address only can be set as destination.  NOTE  This function is displayed when "Secure Communication Error Log History" is set to [On].
Subject	Set the subject automatically entered when sending secure communication error log histories by E-mail.  Value: Up to 60 characters  NOTE  This function is displayed when "Secure Communication Error Log History" is set to [On].

## NOTE

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

# System/Network

Configure machine system settings.

#### **Network**



Configure network settings.

#### **Host Name**

Item	Description
Host Name	Check the host name of the machine. Host name can be changed from Embedded Web Server RX.
	Changing Host Name (page 2-36)

#### **TCP/IP Setting**

	Item	Description
TCP/	IP	Select whether to use TCP/IP Protocol.  Value: Off, On
IPv4		Set up TCP/IP (IPv4) to connect to the network. This setting is available when [TCP/IP] is set to [On].
	IP Address	Set the IP addresses.  Value: ###.###.###  NOTE  When DHCP is set to [On], this function will be grayed out and the value cannot be entered.
	Subnet Mask	Set the IP subnet masks.  Value: ###.###.###  NOTE  When DHCP is set to [On], this function will be grayed out and the value cannot be entered.
	Default Gateway	Set the IP gateway addresses.  Value: ###.###.###  NOTE  When DHCP is set to [On], this function will be grayed out and the value cannot be entered.
	DHCP	Select whether to use the DHCP (IPv4) server.  Value: Off, On
	Auto-IP	Select whether to use Auto-IP.  Value: Off, On



After changing the setting, restart the network or turn the machine OFF and then ON.

	Item	Description
IPv6		Set up TCP/IP (IPv6) to connect to the network. This setting is available when [TCP/IP] is [On].
	IPv6	Select whether to use IPv6.  Value: Off, On
		NOTE Selecting [On] displays IP address in [IP Address (Link Local)] after restarting the network.
	RA (Stateless)	Select whether to use RA (Stateless).  Value: Off, On
		NOTE
		This function is displayed when [IPv6] is set to [On].
		Selecting [On] displays IP address in [IP Address (Stateless)] after restarting the network.
	Manual Setting	Manually specify the IP address, prefix length, and gateway address of TCP/IP (IPv6).  Value
		IP Address (Manual): (numbers (128 bit in total) separated by colons)
		Prefix Length: 0 to 128  Default Gateway: ###.###.###
		NOTE
		This function is displayed when [IPv6] is set to [On].
		To enter "Default Gateway", set [RA (Stateless)] to [Off].
	DHCP	Select whether to use the DHCP (IPv6) server.  Value: Off, On
		NOTE
		This function is displayed when [IPv6] is set to [On].
		Selecting [On] displays IP address in [IP Address (Stateful)] after restarting the network.
Bonjo	our	Select whether to use Bonjour.  Value: Off, On
IPSed	•	Select whether to use IPSec.
		Value: Off, On

## **⊘** IMPORTANT

After changing the setting, restart the network or turn the machine OFF and then ON.

### **Protocol Settings**

Item	Description
SMTP (E-mail TX)	Select whether to send E-mail using SMTP.
,	Value: Off, On
POP3 (E-mail RX)	Select whether to receive E-mail using POP3.
. G. G (2 main 15t)	Value: Off, On
FTP Client (Transmission)	Select whether to send documents using FTP. When selecting [On], set the FTP Port Number.
THE GIRTH (Transmission)	Use the default port 21.
	Value: Off, On (Port Number: 1 to 65535)
FTP Server (Reception)	Select whether to receive documents using FTP.*1
	Value: Off, On
SMB Client (Transmission):	Select whether to send documents using SMB. When selecting [On], set the SMB Port
, ,	Number. Use the default port 139.
	Value: Off, On (Port Number: 1 to 65535)
NetBEUI	Selects whether to receive documents using NetBEUI.*1
	Value: Off, On
WSD Scan	Select whether to use WSD Scan.*1
	Value: Off, On
WSD Print	Select whether to use WSD Print.*1
	Value: Off, On
i-FAX	Select whether to use i-FAX.
	Value: Off, On
	NOTE
	This function is displayed when the optional Internet FAX Kit is activated.
DCM Coor	
DSM Scan	Select whether to use DSM scan.  Value: Off, On
ThinPrint	
ThinPrint	Select whether to use ThinPrint. When selecting [On], set the SMB default Port Number. Use the default port 4000.*1, *2
	Value: Off, On (Port Number: 1 to 32767)
	NOTE
	This function is displayed only when the optional ThinPrint Option is activated.
Thin Print over SSL	To use Thin Print over SSL, press [Thin Print over SSL] and select [On].
	Value: Off, On
	NOTE
	When selecting [On], the certificates must be installed. For details, refer to the <b>Embedded Web Server RX User Guide</b> .
LPD	Selects whether to receive documents using LPD.*1
	Value: Off, On
Raw	Select whether to receive documents using Raw Port.*1
	Value: Off, On
IPP	Selects whether to receive documents using IPP. When selecting [On], set the IPP Port
	Number. Use the default port 631.*1, *2
	Value: Off, On
IPP over SSL	Selects whether to receive documents using IPP over SSL. When selecting [On], set the IPP default Port Number. Use the default port 443.*1,*2
	Value: Off, On (Port Number: 1 to 32767)
	NOTE
	When selecting [On], the certificates must be installed. For details, refer to the <b>Embedded Web</b>
	Server RX User Guide.

Item	Description
НТТР	Select whether to communicate using HTTP.*1
	Value: Off, On
HTTPS	Select whether to communicate using HTTPS.*1,*2
	Value: Off, On
LDAP	Select whether to use LDAP.
	Value: Off, On
SNMPv1/v2c	Select whether to communicate using SNMP.*1
	Value: Off, On
SNMPv3	Select whether to communicate using SNMPv3.*1
	Value: Off, On
Enhanced WSD	Select whether to use Enhanced WSD.*1
	Value: Off, On
Enhanced WSD over SSL	Select whether to use Enhanced WSD (SSL).*1,*2
	Value: Off, On
	NOTE
	Selecting [Off] will disable the functionality of WIA, TWAIN and Network FAX drivers.

<sup>\*1</sup> The setting will be changed after restarting the device or network.

# **IMPORTANT**

After changing the setting, restart the network or turn the machine OFF and then ON.

#### **Security Settings**

Item	Description
SSL	Select whether to use SSL for communication.
	Value: Off, On

#### **LAN Interface**

Item	Description
LAN Interface	Specify the settings for the LAN interface to be used.
	Value: Auto, 10BASE-T Half, 10BASE-T Full, 100BASE-T Half, 100BASE-TX Full, 1000BASE-T

## **⊘** IMPORTANT

After changing the setting, restart the network or turn the machine OFF and then ON.

#### **Restart Network**

Item	Description
Restart Network	Restarts the network.

<sup>\*2</sup> Set "SSL" to [On] in Security Settings on page 8-46.

#### **Proxy**

	Item	Description
Proxy	,	Set the proxy for connection to the Internet from an application.  Value: Off, On
	Use the Same Proxy Server for All Protocols	Set whether the same proxy server is used for all protocols. To use the same proxy server, select the [Use the Same Proxy Server for All Protocols] checkbox.
	Proxy Server (HTTP)	Set a proxy server (HTTP).  Value: (Enter the proxy address and port number.)
	Proxy Server (HTTPS)	Set a proxy server (HTTPS). This setup is available when "Use the Same Proxy Server for All Protocols" is [Off].  Value: (Enter the proxy address and port number.)
	Do Not Use Proxy for Following Domains	Set domains for which no proxy is used.  Value: (Enter the domain name.)

## **Optional Network**





This function is displayed when the optional Network Interface Kit is installed.

#### **Basic**

Item	Description
Host Name	Check the host name of the machine. Host name can be changed from Embedded Web Server RX.
	Changing Host Name (page 2-36)
TCP/IP Setting	For details on setting value, refer to TCP/IP Setting on page 8-43.
NetWare	Use NetWare to receive documents.
	See the Operation Guide for the optional network interface card for details.
	Value: Off, On
AppleTalk	Selects whether to receive documents using AppleTalk.*
	Value: Off, On
LAN Interface	Select the LAN Interface type.*
	Value: Auto, 10BASE-T Half, 10BASE-T Full, 100BASE-T Half, 100BASE-T Full, 1000BASE-T
	NOTE
	This function is displayed when the optional Network Interface Kit is installed.
MAC Address Filter	Select whether to use MAC Address Filter.
	See the Operation Guide for the optional network interface card for details.
	Value: Off, On
Restart Network	Restarts the network.

The setting will be changed after restarting the device or network.

#### **Wireless Network**



This function is displayed when the optional Wireless Interface Kit is installed.

Item	Description
Connection Status	When the optional Wireless Interface Kit is installed, you can check the wireless LAN status.
Quick Setup Wizard	If the machine will connect to an access point that supports the automatic wireless network setup, connection settings can be configured by Quick Setup.
Available Network	Displays access points to which the machine can connect.
Push Button Method	If the access point supports the push button method, wireless settings can be configured using the push button. This setting executes push button, and the connection is started by pressing the push button on the access point.
PIN Code Method(Device)	Starts connection using the machine's PIN code. Enter the PIN code into the access point. The PIN code of the machine is automatically generated.
PIN Code Method(Terminal)	Starts connection using the PIN code of the access point. Enter the PIN code of the access point.
Custom Setup	The detailed settings for wireless LAN can be changed.
Network Name(SSID)	Set the SSID (Service Set Identifier) of the wireless LAN to which the machine connects.
	NOTE
	Up to 32 characters can be entered.
Connection Mode	Set the connection mode.
	Value: Ad Hoc, Infrastructure
	NOTE
	Ad Hoc: Directly communicates with the device without going through an access point. This method cannot be used to connect to two or more devices.
	Infrastructure: Performs communication through an access point.
Channel	Set channel.
	Use [-] / [+] or the numeric keys to enter a number.
	Value: 1 to 11
Network Authentication	Select network authentication type.
	To select other options, open the device home page from a computer.  Value: Open, Shared, WPA-PSK*1, WPA2-PSK*1
Encryption	Select encryption method and enter the Preshared key. The setting values vary depending on the Network Authentication setting.
	When Network Authentication is set to [Open] or [Shared]
	Value: Disable, WEP
	When Network Authentication is set to [PA-PSK] or [PA-PSK]
	Value: TKIP*2, AES, Auto*2, Preshared Key
	NOTE
	If [WEP] is selected, enter the WEP key. Up to 26 characters can be entered.
	If [Preshared Key] is selected, enter the Preshared key. Enter the value in 8 to 64 characters.

<sup>\*1</sup> Not displayed if you selected [Ad Hoc] for "Connection Mode".

<sup>\*2</sup> Not displayed if you selected [WPA2-PSK] for "Network Authentication".

## **Network Interface (Send)**





This function is displayed when the optional Network Interface Kit is installed.

Item	Description
Network Interface (Send)	Specify the network interface card to be used for send function and connecting to external address book.  Value: Standard, Optional Network

## **Security Level**



Item	Description
Security Level	Specify the security level.  Value:
	Low: This is the mode in which the service personnel performs maintenance work. Do not set to this mode.
	High: This is the security setting we recommend. Use this setting normally.  Very High: In addition to [High] setting, this setting disables the machine settings to be changed from external command.

### **Interface Block Setting**



This allows you to protect this machine by blocking the interface with external devices such as USB hosts or optional

Item	Description
USB Host	This locks and protects the USB port (A1) or USB port (A2) (USB host).  Value: Unblock, Block
USB Device	This locks and protects the USB interface connector (B1) (USB Device).*  Value: Unblock, Block
USB Storage	This locks and protects the USB memory slot (A1).  Value: Unblock, Block  NOTE  This function is available when USB Host is set to [Unblock].
Optional Interface 1 Optional Interface 2	This locks and protects the optional interface slots (OPT1 or OPT2).  Value: Unblock, Block



### **✓** IMPORTANT

After changing the setting, restart the system or turn the machine OFF and then ON.

## **Data Security**



Configure settings for data stored in the machine's hard disk and memory.

Item	Description
Hard Disk Initialization	Initializes the system and the erasure method for data stored on the machine's hard disk. For details, refer to the <b>Data Security Kit (E) Operation Guide</b> .
	NOTE
	This function is displayed when the optional Data Security Kit is activated.
Data Sanitization	Completely erases address information and image data saved in the machine.
	NOTE
	Up to 8 hours is required to complete this processing, depending on the amount of data stored.
	Once in progress, the processing cannot canceled.
	Before executing this function, disconnect modular, network, and other cables.
	Do not turn off the main power switch while sanitizing the data. If the main power is turned off during data erasing, erasing will be executed automatically when the power is restored, however, complete erasure cannot be guaranteed.
Software Verification	Verify the installed software.
	Press [Start] to start verification.
	If an error occurs during software verification, contact your dealer or service representative.

#### Information erased

Category	Data erased
Devices/jobs	Job settings configured by users
	Network settings
	Image data saved in Document Box, etc.
	Data registered in One Touch keys
	Job histories
	User information (user list, address book, Document Box registered by the user, etc.)
	Account information of job accounting
	Network certificates
	Initial screen on machine changed by service representative
FAX <sup>*</sup>	Fax settings configured by users
	Communication restriction settings
	Encryption key settings
	Transmission histories
	Scheduled jobs
	Conditional reception/forwarding settings
Application/program	Application/program added by a user or service representative
	Trial functions

Only when the optional fax kit is installed.

#### **Document Guard**





This function is displayed when the Printed Document Guard Kit is installed.

Item	Description
Document Guard	When the optional Printed Document Guard Kit is installed, careless copying and sending of documents that contain confidential or personal information is prevented.
	The guard pattern can be embedded in a document using the Security Watermark setting, which is an advanced function of the printer driver. (Refer to the <b>Printing System Driver User Guide</b> .)
	It is recommended that you check the effects of this function in your usage environment.
	Value: Off, On
	NOTE
	When the Document Guard is enabled, restrictions apply to the operation of the machine. For details, refer to <u>Limitations on page 8-52</u> .

#### Limitations



#### Operation after guard pattern is detected

Item	Description
All functions	A message indicating that a confidential document was detected is displayed. Scanning of the remaining document pages stops.
Copying function	Printed blank from the point where the guard pattern is detected.
Sending Functions	Stops the sending operation.*
Document Box	Documents are not saved on the machine's hard disk.
FAX	The document is not sent.

<sup>\*</sup> When sending by file separation, document pages scanned prior to detection are sent. If file separation is not performed, the document is not sent.

#### Restrictions

- The <u>DP Read Action (page 6-63)</u> cannot be selected.
- · Faxes are sent by memory transmission.

#### **Disclaimer**

- This function does not prevent leakage of information.
   We do not bear any liability for damages occurring due to use of the function or inability to use the function.
- The guard pattern may not be detected if printed on paper other than white paper or special paper with a pattern.
- The integrity of detection is not guaranteed.
  If misdetection occurs, contact your service representative.

#### **Optional Function**



Item	Description
Optional Function	You can use the optional applications installed on this machine.
	Optional Applications (page 11-9)

#### **Restart Entire Device**



Item	Description
Restart Entire Device	Restart the CPU without turning the main power switch off. Use this to deal with any unstable operation by the machine. (Same as the computer restart.)

## **Edit Destination**

#### **Address Book**



Configure settings for address book.



Adding a Destination (Address Book) (page 3-45)

#### **One Touch Key**



Configure settings for One Touch Key.



Adding a Destination on One Touch Key (One Touch Key) (page 3-53)

#### **Print list**



For details, refer to the FAX Operation Guide.

#### **Address Book Defaults**



Item	Description
Sort	Select the default sort setting of the address for the address book.  Value: No., Name
Narrow Down	This procedure can be used to filter (narrow down) the types of destination listed when the address book is displayed.  Value: Off, E-mail, Folder, FAX*, i-FAX*, Group
Address Book Type	Select whether the machine's address book or the External Address Book appears when the address book is displayed.  Value: Address Book, Ext Address Book

<sup>\*</sup> Displayed only when the optional fax kit is installed.

# **User Login/Job Accounting**



Configure settings related to machine management.



# **User Property**



Allows you to view information about logged in users and edit some of that information.



User Login (page 9-4)

# **Date/Timer/Energy Saver**





Date/Timer/Energy Saver

Configure settings related to the date and time.

Item	Description
Date/Time	Set the date and time for the location where you use the machine. If you perform Send as Email, the date and time set here will be displayed on the header.  Value: Year (2000 to 2037), Month (1 to 12), Day (1 to 31), Hour (00 to 23), Minute (00 to 59), Second (00 to 59)
	If you change the date/time while using the trial version of an application, you will no longer be able to use the application.
Date Format	Select the display format of year, month, and date. The year is displayed in Western notation.  Value: Month/Day/Year, Day/Month/Year, Year/Month/Day
Time Zone	Set the time difference from GMT. Choose the nearest listed location from the list. If you select a region that utilizes summer time, configure settings for summer time.  Setting Date and Time (page 2-23)
Auto Panel Reset	If no jobs are run for a certain period of time, automatically reset settings and return to the default setting. Select to use Auto Panel Reset or not.  Value: Off, On  NOTE  The time allowed to elapse before the panel is reset is set with the Panel Reset Timer on page 8-55.
Auto Error Clear	If an error occurs during processing, processing stops to wait for the next step to be taken by the user. In the Auto Error Clear mode, automatically clear the error after a set amount of time elapses. For details, refer to Responding to Messages on page 10-24.  Value: Off, On
Low Power Timer	Set amount of time before entering the Low Power mode.  Value:  For Europe 3005ci: 1 to 60 minutes (1 minute increments) 3505ci/4505ci/5505ci: 1 to 120 minutes (1 minute increments)  Except for Europe 1 to 240 minutes (1 minute increments)  Low Power Mode and Auto Low Power Mode (page 3-14)

Item	Description
Panel Reset Timer	If you select [On] for Auto Panel Reset, set the amount of time to wait before Auto Panel Reset.  Value: 5 to 495 seconds (in 5 second increments)  NOTE  This function is displayed when [Device Log History] is set to [On].
Sleep Timer	Set amount of time before entering Sleep.  Value:  For Europe    3505ci: 1 to 60 minutes (1 minute increments)    3505ci/4505ci/5505ci: 1 to 120 minutes (1 minute increments)  Except for Europe    1 to 240 minutes (1 minute increments)  NOTE
	This function is displayed when [Auto Sleep] is set to [On].
Interrupt Clear Timer	Set the period after which the machine reverts to Normal mode when it has been set to Interrupt Copy mode and then left unused.  Value: 5 to 495 seconds (in 5 second increments)
Error Job Skip	Set whether a job for which a "Add paper in cassette #" or "Add paper in Multi Purpose tray" error occurred when the job was started is automatically skipped after a set period of time elapses.  Value: Off, On  NOTE
	<ul> <li>When a job is skipped, it is moved to the end of the job queue.</li> <li>If [On] is selected, set the time until the job is skipped. The setting range is 5 to 90 (5 second increments).</li> </ul>
Error Clear Timer	If you select [On] for Auto Error Clear, set the amount of time to wait before automatically clearing errors.  Value: 5 to 495 seconds (in 5 second increments)  NOTE  This function is displayed when [Auto Error Clear] is set to [On].
Unusable Time* <sup>1</sup>	For details, refer to the FAX Operation Guide.
Sleep Rules (models for Europe)	Select whether to use the Sleep mode for the following functions individually:  Network  USB Cable  Card Reader* <sup>2</sup> FAX* <sup>1</sup> Application  Value: Off, On
	If the sleep condition is not turned off, the machine will not wake from sleep mode even if it receives a print job from a computer connected by USB cable. Also, the ID card cannot be recognized.

Item	Description
Sleep Level (models except for Europe)	Select the sleep level.  Set the Energy Saver mode to reduce power consumption even more than normal Sleep mode.  Value: Quick Recovery, Energy Saver  NOTE  This function will not be displayed when the optional Network Interface Kit or Fiery controller is installed.
Sleep Rules	Select whether to use the Energy Saver mode for the following functions individually:  Network  USB Cable  Card Reader* <sup>2</sup> FAX* <sup>1</sup> Application  Value: Off, On  NOTE  When the machine has entered sleep mode with Energy Saver setting, it does not wake from sleep mode when it receives print data from a PC connected by USB cable. Also, the ID card cannot be recognized.
EnergySaver RecoveryLevel	Select the method of recovery from energy saver.  Value:  Full Recovery: This mode enables the use of all functions immediately. However, this mode saves less energy.  Normal Recovery: In this mode, you can select the method from the following: enabling the use of all functions immediately or enabling the use of desired functions only.  If you want to use all functions immediately, press the [Power] key to execute recovery.  Power Saving Recovery: This mode enables the use of desired functions only. This mode saves energy most effectively.
Weekly Timer Settings	Configure settings for switching the machine into Sleep mode and waking it automatically at a specified time for each day of the week.
Weekly Timer	Select whether to use Weekly Timer.  Value: Off, On
Schedule	Specify the time for each day of the week at which the machine enters Sleep mode and recovers.
Retry Times	Set the number of retry to switch the machine into Sleep mode.  Value: Limited Retries, Unlimited Retries  NOTE  If [Limited Retries] is selected, set the number of retry. The setting range is 0 to 10. Retry is not performed when "0" is set.  If [Unlimited Retries] is selected, retry is performed until the machine enters Sleep mode.
Retry Interval	Set the retry interval.  Use [-] / [+] to enter a number.  Value: 10 to 60 seconds (increments of 10 seconds)

<sup>\*1</sup> Displayed only when the optional fax kit is installed.

<sup>\*2</sup> This is displayed when the optional Card Authentication Kit is installed.

# **Adjustment/Maintenance**

System Menu

## Adjustment/Maintenance

Adjust printing quality and conduct machine maintenance.

ltem	Description
Density Adjustment	Adjust density.
Сору	Adjust copy density. Adjustment can be made in 7 levels.  Value: -3 (Lighter), -2, -1, 0 (Normal), +1, +2, +3 (Darker)
Send/Box	Adjust scan density when sending or storing the data in Document Box. Adjustment can be made in 7 levels.  Value: -3 (Lighter), -2, -1, 0 (Normal), +1, +2, +3 (Darker)
FAX*	For details, refer to the FAX Operation Guide.
Background Density Adj.	Darkens or lightens overall background density adjustment.
Copy (Auto)	Darkens or lightens overall background density adjustment during copying. Adjustment can be made in 7 levels.  Value: -3 (Lighter), -2, -1, 0 (Normal), +1, +2, +3 (Darker)
Send/Box (Auto)	Darkens or lightens overall background density when sending images or storing them in the Document Box. Adjustment can be made in 7 levels.  Value: -3 (Lighter), -2, -1, 0 (Normal), +1, +2, +3 (Darker)
Drum Refresh	Remove image blur and white dots from the image. It takes 331 seconds on 3005ci, 282 seconds on 3505ci, 218 seconds on 4505ci, and 146 seconds on 5505ci (82.4 °F (28 °C), 70%).  For more information, refer to the Drum Refresh on page 10-42.  NOTE  Drum Refresh cannot be performed while printing. Execute Drum Refresh after the printing is done.
Correcting Black Lines	Correct fine lines (streaks caused by contamination), which may appear on the image, when the document processor is used.  Value  Off: No correction performed.  On (Low): Correction performed. The reproduction of fine lines on the original may become lighter than when using [Off].  On (High): Select this item if a streak remains after using [On (Low)]. The reproduction
	of fine lines on the original may become lighter than when using [On (Low)].
System Initialization	Initialize the hard disk installed on the machine to return it to the factory defaults.  NOTE  This function will not be displayed when the optional Data Security Kit is activated.
Display Brightness	Set the brightness of the touch panel.  Value: 1 (Darker), 2, 3, 4 (Lighter)
Silent Mode	Make after-printing process run more quietly. Select this mode when the running noise is uncomfortable.  Value: Off, On  NOTE
	When [On] is selected, preparation for the next printing may take longer.

<sup>\*</sup> Displayed only when the optional fax kit is installed.

Item	Description
Auto Color Correction	This setting allows you to adjust the detection level used by the machine to determine whether the original is color or black and white in Auto Color Selection Mode. Setting a lower value will result in more originals being identified as color, while a larger value will tend to increase the number of originals being identified as black and white.
	Value: 1 (Color), 2, 3, 4, 5 (B & W)
Color Registration	When first installing the machine or moving it to a new location, color drift during printing may occur. Use this function to correct the color position of each of cyan, magenta and yellow to resolve color drift.
	For the procedure, refer to Color Registration on page 10-39.
Calibration Cycle	Set the calibration cycle.
	Value:
	Auto: Automatically sets the cycle for calibration.
	Short: Priority is given to image quality.
	Standard: Balances image quality and print speed.
	Long: Priority is given to print speed.
	NOTE
	When [Custom] is displayed as setting item, the setting cannot be changed.
Tone Curve Adjustment	After prolonged use, or from the effects of surrounding temperature or humidity, the printed output tone may differ from the original. Perform this function to ensure consistency with the original tone.
	For the procedure, refer to <u>Tone Curve Adjustment on page 10-41</u> .
Calibration	Adjust color drift or hue of printed image in the most appropriate color.
	For the procedure, refer to Calibration on page 10-42.
	NOTE
	Perform Color Registration when the color drift is not adjusted even after performing Calibration, and perform Gray Adjust if the color hue is not improved.
Developer Refresh	Adjust the printed image that is too light or incomplete, even though there is enough toner. In addition, Black or color dots appear on the white background when white original is scanned can be removed.
	For the procedure, refer to <u>Developer Refresh on page 10-43</u> .
	NOTE
	Waiting time may be longer when the toner is refilled during developer refresh.
Laser Scanner Cleaning	Remove vertical lines from the image.
	For the procedure, refer to <u>Laser Scanner Cleaning on page 10-43</u> .
	7 . 3

Item	Description
Correct Paper Curl	Some paper types and paper stored in certain conditions may curl. This feature can be used to correct paper curling.
	Value: Auto, Reduce Downcurl, Reduce Upcurl
	Upcurl Downcurl
	NOTE
	This function is displayed when an optional 1,000-sheet finisher or 4,000-sheet finisher is installed.
First Print Position	Using this function speeds up either of the first print time of black and white printing or color printing by changing the default start position of the first print. In addition, the machine can automatically detect the appropriate position depending on your usage.
	Value: Standard, Black & White Priority, Color Priority, Auto

## **Internet**



Item	Description
Internet Browser	Select whether to use the Internet browser.
	Value: Off, On
Browser Environment	This specifies Internet browser preferences such as your home page setting and how pages are displayed.
	Value:
	Home page: (Enter the address for Home page.)
	Text Size: Large, Medium, Small
	Display Mode: Normal, Just-Fit Rendering, Smart-Fit Rendering
	Cookie: Accept All, Reject All, Prompt before Accepting
	NOTE
	This is not displayed if [Off] is selected in <u>Internet Browser on page 8-60</u> .



To use proxy from Internet Browser, refer to <a href="Proxy on page 8-47">Proxy on page 8-47</a> to configure settings.

# **Application**



Configure application settings.



Application (page 5-11)

# 9 User Authentication and Accounting (User Login, Job Accounting)

#### This chapter explains the following topics:

User Login	9-2
First User Login Administration	9-2
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User Login	9-4
Authentication Security	9-6
Adding a User (Local User List)	9-8
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Local Authorization	9-15
Group Authorization Set.	9-15
Guest Authorization Set.	9-18
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Simple Login Settings	9-23
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Job Accounting Setting	9-27
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Job Accounting Setting	9-27
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Unknown ID Job	9-42

# **User Login**

User login administration specifies how the user access is administered on this machine. Enter a correct login user name and password for user authentication to login.

Access are in three levels - "User", "Administrator", and "Machine Administrator". The security levels can be modified only by the "Machine Administrator".

Users that are not able to log in to the machine can be allowed to use the functions of the machine on a restricted basis. The users can use the machine without performing authentication, and thus this feature is convenient when the majority of users are managed with the same authority. This can also be used to reduce operating costs, for example by prohibiting color copy in "Guest Authorization Set." so that only users who log in can use color copying. If "To use this function, press Authentication key and login" appears while operating the machine, you must press the [Authentication/Logout] key and log in as a user for whom the function is not prohibited.

## **First User Login Administration**

Follow these steps for the first user login administration.

Enable user login administration. (page 9-4)

 $\blacksquare$ 

Add a user. (page 9-8)

▼

Log out. (page 2-22)



The registered user logs in for operations. (page 9-29)

## **User Login Setting**

#### Display the screen.

1 Press the [System Menu] key.

System Menu



2 Press [∨] and then [User Login/Job Accounting].



#### NOTE

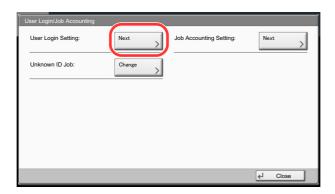
If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

3 Press [Next] of "User Login Setting".

The user login administration setting screen appears.



#### Configure the settings. 2



User Login (page 9-4)

**Authentication Security (page 9-6)** 

Adding a User (Local User List) (page 9-8)

Local Authorization (page 9-15)

Group Authorization Set. (page 9-15)

Guest Authorization Set. (page 9-18)

Obtain NW User Property (page 9-21)

Simple Login (page 9-23)

ID Card Settings (page 9-26)

# **User Login**

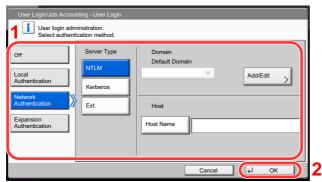
This enables user login administration. Select one of the following authentication methods:

Item	Descriptions
Local Authentication	User authentication based on user properties on the local user list stored in the machine.
Network Authentication	User authentication based on Authentication Server. Use a user property stored in Authentication Server to access the network authentication login page.

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Change] of "User Login".

## Configure the settings.



1 Select [Local Authentication] or [Network Authentication].

Select [Off] to disable user login administration.

If you select [Network Authentication], enter the host name (64 characters or less) and domain name (256 characters or less) for the Authentication Server. Select [NTLM], [Kerberos] or [Ext.] as the

When selecting [Ext.] as the server type, enter the port number.

#### **NOTE**

Pressing [Add/Edit] of "Domain" displays the domain registration list. In the domain registration list screen, press [Add/Edit], and enter the domain name. Up to 10 domain names can be registered.

2 Press [OK].

If [Local Authentication] is selected, "Do you want to add a new function to the home screen?" appears when [OK] is pressed.

To add a new function, press [Yes]. The selection screen for functions displayed in the home screen will appear.



Available Functions to Display on Desktop (page 3-6)

## **NOTE**

If the login user name and password are rejected, check the following settings.

- · Network Authentication setting of the machine
- · User property of the Authentication Server
- · Date and time setting of the machine and the Authentication Server

If you cannot login because of the setting of the machine, login with any administrator registered in the local user list and correct the settings.

Up to 10 domains can be registered for network authentication.

# **Authentication Security**

If user authentication is enabled, configure the user authentication settings.

#### **User Account Lockout Set.**

Configure these settings to restrict the operation for the user being authenticated.

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Next] of "Authentication Security" and then [Next] of "User Account Lockout Set.".

## Configure the settings.

The following settings can be selected.

Item		Descriptions
Lockout	Select whether or no Value: Off, On	ot account lockout policy is enabled.
Lockout Policy	Specify the conditions and the extent to which the account lockout is applied.  Value  Number of Retries until Locked:  Specify how many login retries are allowed until the account is locked out.  (1 to 10 times)	
	Lockout Duration:	Specify how long the account is to be locked out until it is unlocked. (1 to 60 minutes)
	Lockout Target	Specify the extent to which the account lockout is applied. You can select from [All] or [Remote Login Only]. Remote Login Only locks out all operations from outside the operation panel.
Locked out Users List	Displays a list of locuser in the list, and	ked out users. You can unlock a user by selecting the pressing [Unlock].

#### **Password Policy Settings**

You can prohibit the setting and use of passwords that do not comply with the password policy. Setting the Password Policy makes it more difficult to break the password.

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Next] of "Authentication Security" and then [Next] of "Password Policy Settings".

## Configure the settings.

The following settings can be selected.

Item	Descriptions
Password Policy	Select whether or not password policy is enabled.  Value: Off, On
Minimum password length	Set the minimum password length of characters for password.  Value: Off, On (1 to 64 characters)
Password complexity	Set the password complexity.  Value  No more than two consecutive identical char: Off, On At least one uppercase letter (A-Z): Off, On At least one lowercase letter (a-z): Off, On At least one number (0-9): Off, On At least one symbol: Off, On
Maximum password age	Set the maximum password age.  Value: Off, On (1 to 180 days)
Policy Violated User List	List of users do not meet password policy requirements.

# **Adding a User (Local User List)**

This adds a new user. You can add up to 1,000 users (including the default login user name).

#### NOTE

By default, one of each default user with machine administrator rights and administrator privileges is already stored. Each user's properties are:

#### **Machine Administrator**

User Name: DeviceAdmin

Login User Name: 3005ci: 3000, 3505ci: 3500, 4505ci: 4500, 5505ci: 5500 3005ci: 3000, 3505ci: 3500, 4505ci: 4500, 5505ci: 5500 Login Password:

Machine Administrator Access Level:

#### **Administrator**

User Name: Admin Login User Name: Admin Login Password: Admin

Access Level: Administrator

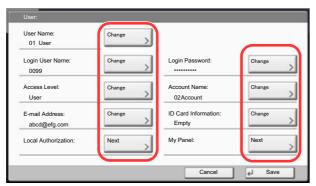
It is recommended to periodically change the user name, login user name and login password regularly for your security.

### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Add/Edit] of "Local User List" and then [Add].

<sup>\*</sup> Upper case and lower case letters are distinguished (case sensitive).

## **2** Enter the user information.



The table below explains the user information to be registered.

Item	Descriptions
User Name*1	Enter the name displayed on the user list (up to 32 characters).
Login User Name* <sup>1</sup>	Enter the login user name to login (up to 64 characters). The same login user name cannot be registered.
Login Password	Enter the password to login (up to 64 characters).
Access Level*1	Select "Administrator" or "User" for user access privileges.
Account Name	Add an account where the user belongs. The user, who registered his/her account name, can login without entering the account ID. Refer to <a href="Job-Accounting-Setting-on-page-9-27">Job-Accounting-Setting-on-page-9-27</a>
	NOTE
	Select [Name] or [ID] from the "Sort" to sort the account list.
	Press [Search(Name)] or [Search(ID)] to search by account name or account ID.
E-mail Address	The user can register his/her E-mail address. The registered address will be automatically selected for subsequent operations that need any E-mail function.
ID Card	Register ID card information.
Information	Place the ID card on the ID card reader, and press [Read].
	NOTE
	This function is displayed when the optional ID Card Authentication Kit is activated.
	Card Authentication Kit(B) "Card Authentication Kit" (page 11-6)

Item	Descriptions
Local	Set usage authority for each user. Local Authorization must be enabled.
Authorization	(Refer to page 9-15.)
	The following restriction items are available:
	Print Restriction:
	Select whether or not use of the print function of the printer is prohibited.
	Print Restriction (Color):
	Select whether or not use of the print function (color) of the printer is prohibited.
	Copy Restriction:
	Select whether or not use of the copy print function is prohibited.
	Copy Restriction (Color):
	Select whether or not use of the copy print function (color) is prohibited.
	Copy Restriction (Full Color):
	Select whether or not use of the copy print function (full color) is prohibited.
	Duplex Restriction:
	Select whether only duplex printing is allowed.
	Combine Restriction:
	Specify whether only Combine is allowed.
	EcoPrint Restriction:
	Specify whether only EcoPrint is allowed.
	Send Restriction:
	Select whether or not use of the send function is prohibited.
	FAX TX Restriction* <sup>2</sup> :
	Select whether or not use of the fax send function is prohibited.
	Storing Restr. in Box:
	Select whether or not use of the box store function is prohibited.
	Storing Restr. in Memory:
	Select whether or not use of the removable memory store function is prohibited.
My Panel	You can register the language selection and initial screen settings for each user.
	Settings registered here can be applied simply by logging in.

- Mandatory at user registration.
- Displayed only when the optional fax kit is installed.



Refer to the Entering Characters on page 11-13 for details on entering characters.

If you selected [Send], select the screen to display from [Destination], [Machine Address Book], or [Ext Address Book].

## Press [Save].

A new user is added on the local user list.



#### **NOTE**

If simple login is enabled, a confirmation screen appears when new registration is finished asking if you will configure simple login settings. To configure simple login settings, press [Yes]. For the procedure for configuring simple login settings, refer to Simple Login Settings on page 9-23. If you select [No], you will return to the user list screen.

## **Changing User Properties**

User properties can be changed. Types of user properties that could be changed may be different depending on user access privilege.



#### NOTE

To change the user information of the machine administrator, you must log in with machine administrator authority. You can only view user information if you log in as a regular user.

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

#### For a user with administrator rights who logs in

User properties can be changed and users can be deleted. The items, which can be added, are all able to be changed.

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Add/Edit] of "Local User List".

## Change the user properties.

1 Select the user whose properties you wish to change.



#### NOTE

Select [Name] and [Login Name] from the "Sort" to sort the user list.

Press [Search(Name)] or [Search(Login)] to search by name or login user name.

2 Change the user properties.

#### Changing user properties

- 1 Press [Detail].
- 2 Refer to step 2 of Adding a User to change a user property.



- 3 Press [Save].
- 4 Press [Yes] in the registration confirmation screen. The user information is changed.

#### Deleting a user

- 1 Press [Delete].
- 2 Press [Yes] in the deletion confirmation screen. The selected user will be deleted.





The default user with administrator rights cannot be deleted.

#### To change the user information of logged in user (User Property)

These users can partially change their own user properties including user name, login password, and E-mail address. Although "Login User Name", "Access Level", or "Account Name" cannot be changed, the users can check the present status.

## Display the screen.

1 Press the [System Menu] key.

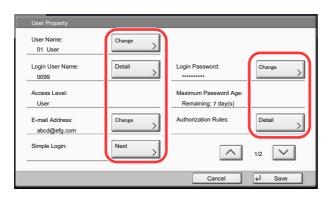
## System Menu



2 Press [∨] and then [User Property].

## **2** Change the user properties.

1 Refer to step 2 of Adding a User to change a user property.
Press [Detail] of "Login User Name" or "Account Name" to check the present status.



Item	Description
User Name	Changes the name shown on the user list. Up to 32 characters can be entered.
Login User Name	Displays the login user name that is entered at login.
Login Password	Changes the password that is entered at login. Up to 64 characters can be entered.
Access Level	Displays the user's access level.
Maximum Password Age	Displays the term of validity of the login password.  NOTE
	This function does not appear when Password Policy is set to [Off] or the term of validity of the password is set to [Off].
E-mail Address	Changes the user's e-mail address. Up to 128 characters can be entered.
	NOTE
	This function appears when Local Authorization is set to [On], Group Authorization is set to [On], and Guest Authorization Setting is set to [On].
Authorization Rules	Displays the usage restriction that is set for the logged in user.
	NOTE
	[Job Accounting Rules] shows the account name set for the logged in user and the usage restrictions that are set for that account. This function appears when job accounting is set to [On]. For information on job accounting, refer to <a href="Job Accounting Setting">Job Accounting Setting (page 9-27)</a> .
Simple Login	When simple login is enabled, changes associated settings.
	NOTE
	This function does not appear when Simple Login is set to [Off] or the user is not registered in Simple Login.

Item	Description
ID Card Information	Displays the ID card information of the logged in user.
	NOTE
	This function is displayed when the optional ID Card Authentication Kit is activated.
	Card Authentication Kit(B) "Card Authentication Kit" (page 11-6)
	This function does not appear when the server type is set to [Ext.] in Network Authentication, and logged in with the user account certificated in the server specified as the [Ext.] server type.
My Panel	Register the language and default screen for each user. Once registered, the setting will be applied simply by login. Network users are not displayed.

## 2 Press [Save].

The user information is changed.

## **Local Authorization**

Select whether or not to use Local Authorization.



When using Local Authorization, the user authentication type must be set to [Local Authentication].

For details, refer to <u>User Login on page 9-4</u>.

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Change] of "Local Authorization".

## Configure the setting.

- 1 Select [Off] or [On].
- 2 Press [OK].

## **Group Authorization Set.**

Set restrictions of the machine usage by each individual group registered in the authentication server.



To use the group authorization settings, [Network Authentication] must be selected for the authentication method in <u>User Login on page 9-4</u>. Select "On" for "LDAP" in <u>Protocol Settings on page 8-45</u>.

#### **Group Authorization**

Use the group authorization.

## Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Next] of "Group Authorization Set.", and then [Change] of "Group Authorization".

## Configure the setting.

- 1 Press [On].
- 2 Press [OK].

#### **Group List**

Register the groups that are restricted the machine usage. Up to 20 groups can be individually registered. Other users and groups belong to "Others".

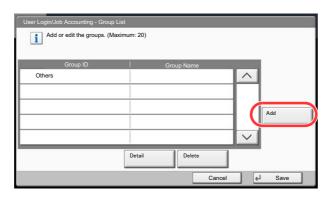
The table below explains the group information to be registered.

Item	Descriptions
Group ID*1	Enter the ID displayed on the group list (between 1 and 4294967295).
Group Name	Enter the name displayed on the group list (up to 32 characters).
Access Level	Select [Administrator] or [User] for group access privileges.
Print Restriction	Select whether or not to reject usage of print functions for the printer.
Print Restriction (Color)	Select whether or not to reject usage of color print functions for the printer.
Copy Restriction	Select whether or not to reject usage of copy functions.
Copy Restriction (Color)	Select whether or not to reject usage of color copy functions.
Copy Restr. (Full Color)	Select whether or not to reject usage of only full-color print functions for copies.
Duplex Restriction	Select whether only duplex printing is allowed.
Combine Restriction	Specify whether only Combine is allowed.
EcoPrint Restriction	Specify whether only EcoPrint is allowed.
Send Restriction	Select whether or not to reject usage of the send functions.
FAX TX Restriction*2	Select whether or not to reject usage of the FAX transmissions.
Storing Restr. in Box	Select whether or not to reject usage of storing in the document boxes.
Storing Restr. in Memory	Select whether or not to reject usage of storing in the removable memory.

<sup>\*1</sup> For "Group ID", specify PrimaryGroupID assigned by Active Directory of Windows. If you are using Windows Server 2008, check Attribute Editor tab of user properties. If you are using Windows Server 2000/2003, check ADSIEdit. ADSIEdit is a support tool included on the installation DVD for Windows Server OS (under \SUPPORT\TOOLS).

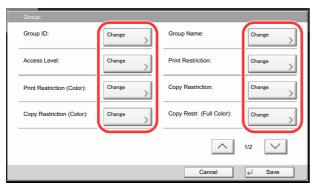
## Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Next] of "Group Authorization Set.", [Next] of "Group List" and then [Add].



<sup>\*2</sup> These items are displayed when the optional fax kit is installed.

#### Configure the settings.



- 1 Press [Change] of "Group ID".
- 2 Enter the group ID and press [OK].
- 3 Press [Change] of "Group Name".
- 4 Enter the group name and press [OK].



Refer to Entering Characters on page 11-13 for details on entering characters.

- 5 Press [Change] of "Access Level".
- 6 Select the group access privileges and press [OK].
- 7 Press [Change] of "Print Restriction".
- 8 Select [Reject Usage] or [Off] and press [OK].
- 9 Similar to steps 7 and 8, set "Print Restriction (Color)", "Copy Restriction", "Copy Restriction (Color)", "Copy Restriction (Full Color)", "Duplex Restriction", "Combine Restriction", "EcoPrint Restriction", "Send Restriction", "Fax TX Restriction", "Storing Restr. in Box", and "Storing Restr. in Memory".

## 3 Register the group.

Press [Save]. A new group is added on the group list.

## **Guest Authorization Set.**

When User Login Administration is enabled, set the functions that guest users who cannot log in to the machine are allowed to use.



#### **NOTE**

To use Guest Authorization Set., User Login Administration must be enabled in User Login on page 9-4. Cannot be used when the Key Counter option is used.

#### **Guest Authorization**

Use the guest authorization.

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- Press [Next] of "Guest Authorization Set.", and then [Change] of "Guest Authorization".

## Configure the setting.

- 1 Select [On] or [Off].
- 2 Press [OK].



#### NOTE

If the guest authentication setting is enabled, the [Authentication/Logout] key must be pressed when logging in.

In the guest user default settings, only monochrome copying can be used. If you wish to use a different function, log in as a user who can use that function, or change the settings in the guest properties.

#### **Guest Property**

Register guest user information and functions that are restricted.

The table below explains the user information to be registered.

Item	Descriptions
User Name	Enter the name displayed on the user list (up to 32 characters). The default setting is "Guest User".
Access Level	The authority of the user appears. This cannot be changed.
Account Name	Add an account where the user belongs.  If the user does not belong to any account, select [Other Account].

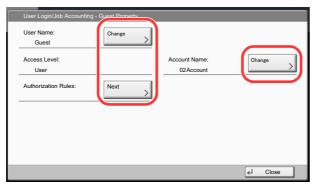
Item	Descriptions
Authorization Rules	Set usage authority for each user. The items you can restrict the access level with are as follows.
	Print Restriction: Select whether or not use of the print function of the printer is prohibited.
	Print Restriction (Color):  Select whether or not use of the print function (color) of the printer is prohibited.
	Copy Restriction: Select whether or not use of the copy print function is prohibited.
	Copy Restriction (Color):  Select whether or not use of the copy print function (color) is prohibited.
	Copy Restriction (Full Color):  Select whether or not use of the copy print function (full color) is prohibited.
	Duplex Restriction: Select whether only duplex printing is allowed.
	Combine Restriction: Specify whether only Combine is allowed.
	EcoPrint Restriction: Specify whether only EcoPrint is allowed.
	Send Restriction: Select whether or not use of the send function is prohibited.
	FAX TX Restriction*:  Select whether or not use of the fax send function is prohibited.
	Storing Restr. in Box:  Select whether or not use of the box store function is prohibited.
	Storing Restr. in Memory:  Select whether or not use of the removable memory store function is prohibited.

<sup>\*</sup> These items are displayed when the optional fax kit is installed.

## Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Next] of "Guest Authorization Set.", and then [Change] of "Guest Property".

## Configure the settings.



- 1 Press [Change] of "User Name".
- 2 Enter the user name and press [OK].



Refer to the Entering Characters on page 11-13 for details on entering characters.

- 3 Press [Change] of "Account Name".
- 4 Select the account and press [OK].

#### **NOTE**

Select [Name] or [ID] from the "Sort" to sort the account list.

Press [Search(Name)] or [Search(ID)] to search by account name or account ID.

- 5 Press [Next] of "Authorization Rules".
- 6 Press [Change] of "Print Restriction".
- 7 Select [Reject Usage] or [Off] and press [OK].
- 8 Similar to steps 7 and 8, set "Print Restriction (Color)", "Copy Restriction", "Copy Restriction (Color)", "Copy Restriction (Full Color)", "Duplex Restriction", "Combine Restriction", "EcoPrint Restriction", "Send Restriction", "Fax TX Restriction", "Storing Restr. in Box", and "Storing Restr. in Memory".
- 9 Press [Close].

#### Register the guest property.

Press [Save].

## **Obtain NW User Property**

Set the required information to obtain the network user property from the LDAP server. The user name and E-mail address obtained with this setting is shown in the user information, the status confirmation screen, and the header of E-mail.



#### **NOTE**

To obtain the network user property from the LDAP server, [Network Authentication] must be selected for the authentication method in <u>User Login on page 9-4</u>. Select "On" for "LDAP" in <u>Protocol Settings on page 8-45</u>.

The table below explains the required information to be registered.

Item	Descriptions
Server Name* <sup>1</sup>	Enter the LDAP server name or the IP address (up to 64 characters). If a server name is not entered, user information will be acquired from the server set for Network Authentication.
Port	Set the LDAP port number or use the default port 389.
Name 1* <sup>2</sup>	Enter the LDAP Attribute to obtain the user name to be displayed from the LDAP server (up to 32 characters).
Name 2*3	Enter the LDAP Attribute to obtain the user name to be displayed from the LDAP server (up to 32 characters).
E-mail Address*4	Enter the LDAP Attribute to obtain the E-mail address from the LDAP server (up to 32 characters).
Authentic at Type*5	Set the authentication method. Select [Simple] or [SASL]. After changing the setting, restart the system or turn the power off and then on.
Search Timeout	Set the amount of time to wait before time-out in seconds (from 5 to 255 seconds).
LDAP Security	Select the type of encryption according to the type of security employed by the LDAP server. The value is [Off], [SSL/TLS] or [STARTTLS].

If using Active Directory of Windows, the server name may be the same as the server name entered in the network authentication.

If using Active Directory of Windows, displayName of Attribute may be used as "Name 1".

<sup>&</sup>quot;Name 2" can be left out. When you assign displayName in "Name 1" and department in "Name 2", and if the value of displayName is \*3 "Mike Smith" and the value of department is "Sales" in Active Directory of Windows, the user name appears as "Mike Smith Sales".

If using Active Directory of Windows, mail of Attribute may be used as E-mail Address.

Appears when the server type is set to "Kerberos" in "Network Authentication". \*5

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Change] of "Obtain Network User Property".

## Configure the settings.



- 1 Press [On].
- 2 Press [Server Name].
- 3 Enter the LDAP server name or the IP address and press [OK].
- 4 Press [# Keys] to enter the LDAP port number using the numeric keys.
- 5 Press [Name 1].
- 6 Enter the LDAP Attribute to obtain the user name to be displayed and press [OK].
- 7 Similar to steps 5 and 6, set [Name 2].
- 8 Press [E-mail Address].
- 9 Enter the LDAP Attribute to obtain the E-mail address and press [OK].
- **10** If you set the server type to "Kerberos", press [Authentication Type] and set the authentication method.
- 11 Press [Search Timeout] to set the amount of time to wait before time-out.
- 12 Press [+], [-] or the numeric keys to enter the time and press [OK].
- 13 Press [LDAP Security] to select the type of encryption according to the type of security employed by the LDAP server.
- 14 Select [Off], [SSL/TLS], or [STARTTLS] and press [OK].

## **Simple Login Settings**

The simple login function allows users to log in simply by selecting a user name. Users must be registered in advance to use this functionality.



#### **NOTE**

For user registration, refer to Adding a User (Local User List) on page 9-8.

To use Simple Login, User Login Administration must be enabled in <u>User Login on page 9-4</u>.

If the guest authentication setting is enabled, Simple login cannot be enabled.

#### Simple Login

Select whether or not simple login is enabled.

#### Display the screen.

- 1 Referring to User Login Setting on page 9-2, display the user login setting screen.
- 2 Press [Next] of "Simple Login Settings", and then [Change] of "Simple Login".

## Configure the setting.

- 1 Select [On] or [Off].
- 2 Press [OK].

#### Simple Login Key

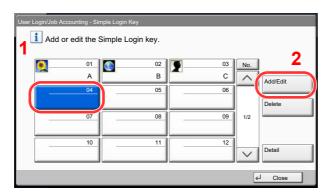
Register users to use simple login. You can add up to 20 users.

## Display the screen.

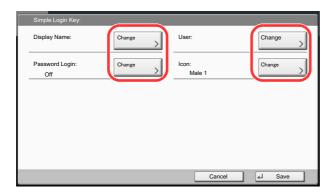
- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- Press [Next] of "Simple Login Settings", and then [Next] of "Simple Login Key".

## Enter the user information.

- 1 Press the key to which you want to register a user.
- 2 Press [Add/Edit].



3 Press [Change] in "Display Name", enter the user name to be displayed, and press [OK].



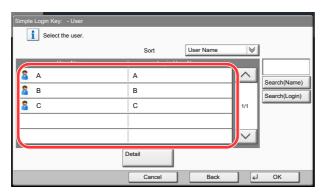
#### **NOTE**

Refer to Entering Characters on page 11-13 for details on entering characters.

- 4 Press [Change] of "User".
- 5 To specify the user from local users, select [Local User]. To specify from network users, select [Network User]. Press [Next].

The procedure differs depending on the transmission method selected.

#### Specifying the user from local users



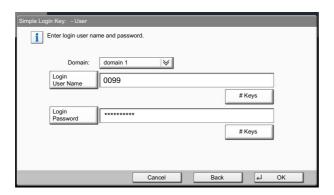
Select the user to be set for simple login.



#### NOTE

Destinations can be sorted or searched by destination name or address number. For details, refer to Specifying Destination on page 5-28.

#### Specifying the user from network users



Press [Login User Name] and [Login Password], enter the information of the user to be registered, and press [OK].

If you are specifying a user for whom a domain is set in network authentication, press the "Domain" and select the domain where the user is registered.

## NOTE

Refer to Entering Characters on page 11-13 for details on entering characters.

- 5 Press [Change] of "Password Login".
- 6 Press [On] or [Off] and then press [OK].
- 7 Press [Change] of "Icon".
- 8 Select the user icon to be displayed and press [OK].



## 3 Register the user.

Press [Save].

# **ID Card Settings**

If ID card authentication is enabled, select the authentication type.



This functions appears when the Card Authentication kit is activated.



Card Authentication Kit(B) "Card Authentication Kit" on page 11-6

This function does not appear when the user logs in as a network authentication user.

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- Press [Next] of "User Login Setting", and then [Next] of "ID Card Settings".

## Configure the settings.

The following settings can be selected.

Item	Descriptions
Keyboard Login	When ID card authentication is enabled, select whether or not login by keyboard is allowed.  Value: Prohibit, Permit
Password Login	Select whether or not to require password entry after authenticating by ID card.  Value: Off, On

# **Job Accounting Setting**

Job accounting manages the copy/print count accumulated by individual accounts by assigning an ID to each account. Job accounting helps the following activities in business organizations.

- Manageability of up to 1,000 individual accounts.
- Availability for account IDs with as many as eight digits (between 0 and 99999999) for security.
- Integrated management of printing and scanning statistics through the use of an identical account ID.
- · Tracking the print volume for each account and for all accounts combined.
- Restricting the print counter in one-page increments up to 9,999,999 copies.
- Resetting the print counter for each account or for all accounts combined.

# First Job Accounting Setup

Follow these steps for the first job accounting setup.

Enable job accounting. (page 9-29)



Add an account. (page 9-32)



Log out. (page 2-22)



Other users login for operations. (page 9-29)

# **Job Accounting Setting**

#### Display the screen.

1 Press the [System Menu] key.

System Menu



2 Press [∨] and then [User Login/Job Accounting].



### **NOTE**

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges.

The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

3 Press [Next] of "Job Accounting Setting".



#### Configure the settings.



Job Accounting (page 9-29) Job Accounting Access (page 9-30) Job Accounting (Local) (page 9-31) Apply Limit (page 9-41) Copier/Printer Count (page 9-41)

# **Job Accounting**

Enable job accounting. Use the procedure below.

#### Display the screen.

- 1 Referring to Job Accounting Setting on page 9-27, display the job accounting access screen.
- 2 Press [Change] of "Job Accounting".

#### Configure the settings.

- 1 Press [On]. To disable job accounting, press [Off].
- 2 Press [OK].



When the display returns to System Menu default screen, logout is automatically executed and the screen to enter the Account ID appears. To continue the operation, enter the Account ID.

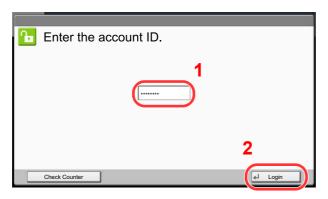
# **Login/Logout**

If job accounting is enabled, an account ID entry screen appears each time you use this machine.

Use the procedure below to login and logout.

#### Login

In the screen below, enter the account ID using the numeric keys and press [Login].





#### NOTE

If you entered a wrong character, press the [Clear] key and enter the account ID again.

If the entered account ID does not match the registered ID, a warning beep will sound and login will fail. Enter the correct account ID.

By pressing [Check Counter], you can refer to the number of pages printed and the number of pages scanned.

#### When the screen to enter the login user name and password appears

If user login administration is enabled, the screen to enter the login user name and password appears. Enter a login user name and password to login. (Refer to <u>Adding a User (Local User List) on page 9-8</u>.) If the user has already registered the account information, the account ID entry would be skipped. (Refer to <u>Adding a User (Local User List) on page 9-8</u>.)

2 Proceed to complete the rest of the steps.

#### Logout

When the operations are complete, press the [Authentication/Logout] key to return to the account ID entry screen.



# **Job Accounting Access**

Set the job accounting access.

#### Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- 2 Press [Change] of "Job Accounting Rules".

### Configure the settings.

Select [Local] or [Network] and press [OK].



To select [Network], network authentication must be enabled and [Ext.] must be selected for server type.



# **Job Accounting (Local)**

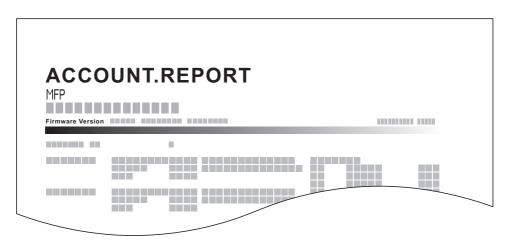
Perform job accounting, such as printing counts and reports for each account.

#### **Print Accounting Report**

The total pages counted of all relevant accounts can be printed as an accounting report.

Reports have different formats depending on how the count of copiers and printers is administered.

When "Individual" is selected for Managing the Copy/Printer Count



For the count by paper size, the report will be printed by size.

Use the procedure below to print a job accounting report.

#### Prepare paper.

Check that A4 or Letter paper is loaded in the cassette.

# Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- Press [Next] of "Job Accounting (Local)".

### 3 Print the report.

- 1 Press [Print] of "Print Accounting Report".
- 2 Press [Yes] on the screen to confirm the printing. Accounting report is printed.

# **Accounting List**

#### **Adding an Account**

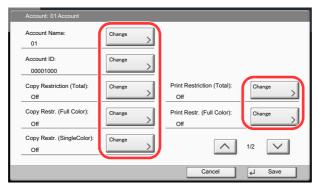
Manage accounts.

Item	Descriptions
Account Name	Enter the account name (up to 32 characters).
Account ID	Enter the account ID as many as eight digits (between 0 and 99999999).
Restriction	This prohibits printing/scanning or restricts the number of sheets to load. Refer to Restricting the Use of the Machine on page 9-34.

#### Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- 2 Press [Next] of "Job Accounting (Local)", [Add/Edit] of "Accounting List", and then [Add].

#### Enter the account information.



- 1 Press [Change] of "Account Name".
- 2 Enter the account name and press [OK].

The "Account" screen reappears.

### NOTE

Refer to Entering Characters on page 11-13 for details on entering characters.

3 Similar to steps 1 and 2, enter the "Account ID".

### NOTE

Any "Account ID" that has already registered cannot be used. Enter any other account ID.

- 4 Activate or deactivate restriction.
- Refer to Restricting the Use of the Machine on page 9-34.
- 5 Press [Save].

A new account is added on the Account List.

# **Managing Accounts**

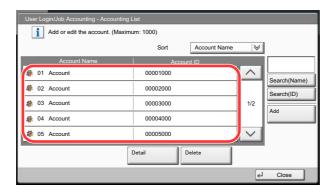
This changes the registered account information or deletes the account.

#### Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- Press [Next] of "Job Accounting (Local)", and then [Add/Edit] of "Accounting List".

#### Edit an account.

1 Select an account to change or delete.



#### NOTE

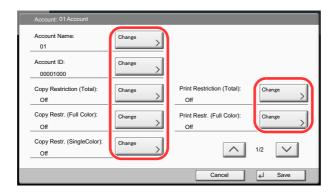
Select [Name] or [ID] from the "Sort" to sort the account names.

Press [Search(Name)] or [Search(ID)] to search by account name or account ID.

The procedure differs depending on the details to be edited.

#### **Changing account information**

- 2 Press [Detail].
- 3 Refer to step 2 of Adding an Account and step 2 of Restricting Using the Machine to change account information.



- 4 Press [Save].
- **5** Press [Yes] in the registration confirmation screen.

The account information is changed.

#### **Deleting an account**

- 2 Press [Delete].
- 3 Press [Yes] in the deletion confirmation screen.

The account is deleted.

#### Restricting the Use of the Machine

This section explains how to restrict the use of the machine by account or the number of sheets available.

The items that can be restricted differ depending on whether "Individual" or "Total" is selected for Copier/Printer Count on page 9-41.

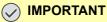
#### **Restriction Items**

#### "Individual" selected for Copy/Printer Count

Item	Descriptions
Copy Restriction (Total)	Limits the total number of sheets used for full-color, single-color, and black and white copying.
Copy Restr. (Full Color)	Limits the number of sheets used for full-color copying.
Copy Restr. (SingleColor)	Limits the number of sheets used for single-color copying.
Print Restriction (Total)	Limits the total number of sheets used for color and black and white printing.
Print Restr. (Full Color)	Limits the number of sheets used for full-color printing.
Scan Restriction (Others)	Limits the number of sheets scanned (excludes copying).
FAX TX Restriction	Limits the number of sheets sent by fax. This is displayed when the optional fax kit is installed.
FAX Port Restriction	Restricts the ports used for faxing. This is displayed when two optional FAX kits are installed.

#### "Total" selected for Copy/Printer Count

Item	Descriptions	
Print Restriction (Total)	Limits the total number of sheets used for copying and printing.	
Print Restr. (Full Color)	Limits the number of sheets used for full-color printing.	
Print Restr. (SingleCol.)	Limits the number of sheets used for single-color printing.	
Scan Restriction (Others)	Limits the number of sheets scanned (excludes copying).	
FAX TX Restriction	Limits the number of sheets sent by fax. This is displayed when the optional fax kit is installed.	
FAX Port Restriction	Restricts the ports used for faxing. This is displayed when two optional FAX kits are installed.	



Select [Off], [Use Port 1 Only] or [Use Port 2 Only] as the "FAX Port Restriction" setting.

#### **Applying Restriction**

Restriction can be applied in the following modes:

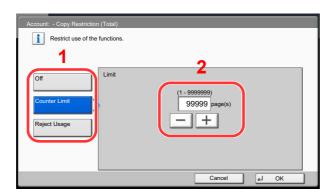
Item	Descriptions
Off	No restriction is applied.
Counter Limit	Restricts the print counter in one-page increments up to 9,999,999 copies.
Reject Usage	Restriction is applied.

#### Display the screen.

- 1 Referring to Adding an Account on page 9-32, display the screen to add an account.
- 2 Press [Change] for the item to be restricted.

#### Configure the settings.

1 Select the restriction mode.
If [Counter Limit] is selected, press [+], [-] or numeric keys to enter the number of pages.



- 2 Press [OK].
- 3 Repeat steps 1 and 2 for other accounts to be restricted.
- 4 Press [Save].

The restricted account is added.

# **Default Setting**

Select the default value for usage limit, and whether or not to enable counting by paper size.

#### **Default Counter Limit**

When you add a new account, you can change the default restrictions on the number of sheets used. You can set any number from 1 to 9,999,999.

The items that can be set differ depending on whether "Individual" or "Total" is selected for <u>Copier/Printer Count on page 9-41</u>.

#### **Available Settings**

#### "Individual" selected for Copy/Printer Count

Item	Descriptions
Copy Restriction (Total)	Sets the default restriction on the total number of sheets used for color and black and white copying.
Copy Restr. (Full Color)	Sets the default restriction on the number of sheets used for full-color copying.
Copy Restr. (SingleColor)	Sets the default restriction on the number of sheets used for single-color copying.
Print Restriction (Total)	Sets the default restriction on the total number of sheets used for color and black and white printing.
Print Restr. (Full Color)	Sets the default restriction on the number of sheets used for full-color printing.
Scan Restriction (Others)	Sets the default restriction on the number of sheets used for scanning (excludes copying).
FAX TX Restriction	Sets the default restriction on the number of sheets used for sending faxes. This is displayed when the optional fax kit is installed.

#### "Total" selected for Copy/Printer Count

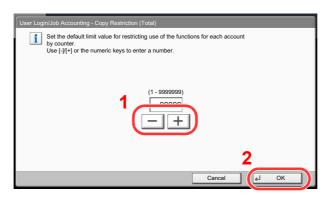
Item	Descriptions	
Print Restriction (Total)	Sets the default restriction on the total number of sheets used for copying and printing.	
Print Restr. (Full Color)	Sets the default restriction on the number of sheets used for full-color printing.	
Print Restr. (SingleCol.)	Sets the default restriction on the number of sheets used for single-color printing.	
Scan Restriction (Others)	Sets the default restriction on the number of sheets used for scanning (excludes copying).	
FAX TX Restriction	Sets the default restriction on the number of sheets used for sending faxes. This is displayed when the optional fax kit is installed.	

### Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- 2 Press [Next] of "Job Accounting (Local)", [Next] of "Default Setting" and then [Next] of "Default Counter Limit".

#### Configure the settings. 2

- 1 Press [Change] for the item you want to modify and then press [+], [-] or use the numeric keys to enter the default restriction on the number of sheets.
- 2 Press [OK].



**3** To set another default restriction, repeat steps 1 and 2.

#### **Count by Paper Size**

This counts the number of pages by paper size (e.g. Letter).



#### **NOTE**

Paper size is available in five types, 1 to 5. These types are specified in accounting reports. Refer to Print Accounting Report on page 9-31.

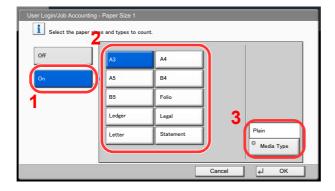
In addition to paper size, media type can also be specified (e.g. count the letter-size color paper used). If you do not specify the media type, the number of used sheets will be counted for the specified sheet size, regardless of the media type.

#### Display the screen.

- 1 Referring to Job Accounting Setting on page 9-27, display the job accounting access screen.
- Press [Next] of "Job Accounting (Local)", [Next] of "Default Setting", [Next] of "Count by Paper Size", [Change] of Paper Size 1 to 5.

# Configure the settings.

- 1 Press [On].
- 2 Select the paper size.
- 3 Press [Media Type] to specify media type.



- 4 Select the media type and press [OK].
- 5 Press [OK].

# **Counting the Number of Pages Printed**

This counts the number of pages printed. Counts are classified into Total Job Accounting and Each Job Accounting. A new count can also be started after resetting the count data which was stored for a certain period of time.

Types of the counts are as follows.

Item	Descriptions
Printed Pages	Displays the number of pages copied and printed, and the total number of pages used. You can also use "Count by Paper Size" and "Count by Duplex/Combine" to check the number of pages used.
	<ul> <li>For copying, you can check the pages used for black and white, full-color and single-color copying as well as the total pages used.</li> </ul>
	<ul> <li>For printing, you can check the pages used for black and white and full-color printing as well as the total pages used.</li> </ul>
	<ul> <li>You can use "Count by Paper Size" to check the number of pages used in the paper size set in <u>Count by Paper Size on page 9-37</u> as well as the number of pages used in other paper sizes.</li> </ul>
	<ul> <li>You can use the "Count by Duplex/Combine" to check the number of pages used in Duplex (1-sided) mode, Duplex (2-sided) mode and the total for both, as well as the pages used in Combine (None) mode, Combine (2 in 1) mode, Combine (4 in 1) mode and the total for all three.</li> </ul>
Scanned Pages	Displays the number of pages scanned for copying, faxing* and other functions, as well as the total number of pages scanned.
FAX Transmission Pages	Displays the number of pages faxed.
FAX Transmission Time	Displays the total duration of fax transmissions.

#### **Total Job Accounting**

This counts the number of pages for all accounts and resets the counts for those accounts together at the same time.

### Display the screen.

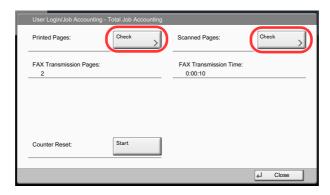
- 1 Referring to Job Accounting Setting on page 9-27, display the job accounting access screen.
- Press [Next] of "Job Accounting (Local)", and then [Next] of "Total Job Accounting".

### Check the number of pages.

1 Press [Check] at the function to check the count.

The results will be displayed.

Confirm the count and press [Close].



- 2 Press [Start] of "Counter Reset" to reset the counter.
- **3** Press [Yes] in the confirmation screen.

The counter will be reset.

#### **Each Job Accounting**

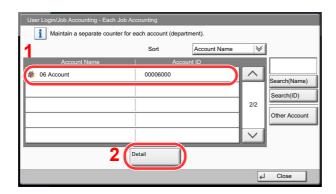
This counts the number of pages for each account and resets the counts by account.

#### Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- Press [Next] of "Job Accounting (Local)", and then [Check] of "Each Job Accounting".

### Check the number of pages.

- 1 Select the account to check the count.
- 2 Press [Detail].



### NOTE

Select [Name] or [ID] from the "Sort" to sort the account names.

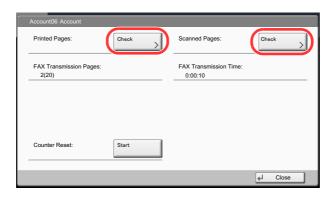
Press [Search(Name)] or [Search(ID)] to search by account name or account ID.

To display an account other than your own account, press [Other Account].

3 Press [Check] at the function to check the count.

The results will be displayed.

Confirm the count and press [Close].



- 4 Press [Start] of "Counter Reset" to reset the counter.
- **5** Press [Yes] in the confirmation screen.

The counter will be reset.

# **Apply Limit**

This specifies how the machine behaves when the counter has reached the limit of restriction. The table below describes the action taken.

Item	Descriptions
Immediately*	Job stops when the counter reaches its limit.
Subsequently	Printing/scanning of the job continues but the subsequent job will be rejected.
Alert Only	Job continues while displaying an alert message.

<sup>\*</sup> The next job will be prohibited in sending or in storing in the box.

#### Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- 2 Press [Change] of "Apply Limit".

#### Configure the settings.

- 1 Select [Immediately], [Subsequently], or [Alert Only].
- 2 Press [OK].

# **Copier/Printer Count**

You can select how the copying and printing page counts are shown - either the total of both or each of copying and printing individually. The selection may influence restriction on the count and count method. For details, refer to Restricting the Use of the Machine (page 9-34), Counting the Number of Pages Printed (page 9-38), and Print Accounting Report (page 9-31).

#### Display the screen.

- 1 Referring to <u>Job Accounting Setting on page 9-27</u>, display the job accounting access screen.
- 2 Press [Change] of "Copier/Printer Count".

### Configure the settings.

- 1 Press [Total] or [Individual].
- 2 Press [OK].

# **Unknown ID Job**

This specifies the behavior for handling the jobs sent with unknown login user names or User ID (i.e. unsent IDs). If the User Login is set to invalid and Job Accounting is set to valid, follow the procedure when the Account ID is unknown. The setting items are as follows.

Item	Descriptions	
Permit	The job is permitted to be printed.	
Reject	The job is rejected (not printed).	

#### Display the screen.

- 1 Referring to <u>User Login Setting on page 9-2</u>, display the user login setting screen.
- 2 Press [Change] of "Unknown ID Job".

#### Configure the settings.

- 1 Press [Reject] or [Permit].
- 2 Press [OK].

# 10 Troubleshooting

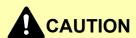
#### This chapter explains the following topics:

Regular Maintenance	10-2
Cleaning	10-2
Toner Container Replacement	10-6
Waste Toner Box Replacement	10-9
Replacing Staples	10-12
Disposing of the Punch Waste	10-16
Troubleshooting	10-18
Solving Malfunctions	10-18
Responding to Messages	10-24
Adjustment/Maintenance	10-39
Clearing Paper Jams	10-44
Clearing a Staple Jam	10-72

# **Regular Maintenance**

# **Cleaning**

Clean the machine regularly to ensure optimum printing quality.



For safety, always unplug the power cord before cleaning the machine.

#### **Platen Cover/Glass Platen**

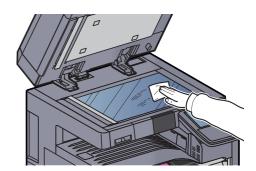
Wipe the backside of the platen cover, the inside of the document processor and the glass platen with a soft cloth dampened with alcohol or mild detergent.



#### **IMPORTANT**

Do not use thinner or other organic solvents.



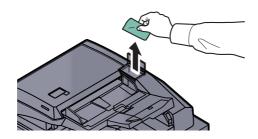


#### Slit Glass/Dual scanning area

If black streaks or dirt appears in copies when using the optional document processor, clean the slit glass with the supplied cleaning cloth. When using the document processor that features dual scanning, clean the dual scanning unit also.

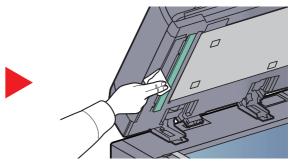


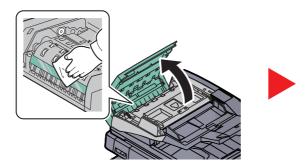
Wipe the slit glasses with the dry accessory cloth. Do not use water, soap or solvents for cleaning.

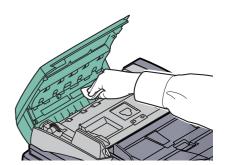


2





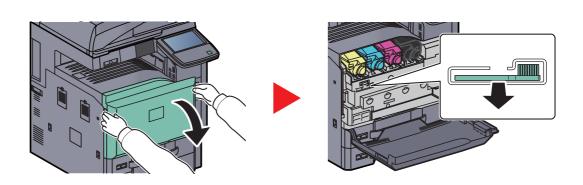




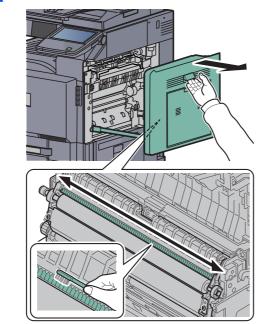
### Separator

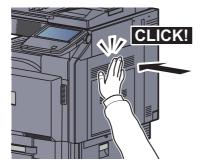
Clean the separator regularly (at least monthly) to ensure optimum printing quality.





2

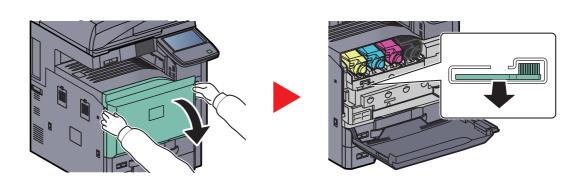




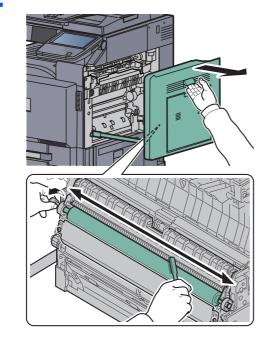
#### **Transfer Roller**

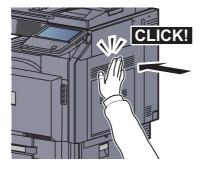
Clean the transfer roller regularly (at least monthly) to ensure optimum printing quality.





2





# **Toner Container Replacement**

When toner runs low, "Toner is running out" appears in the touch panel. Make sure you have a new toner container available for replacement.

When the touch panel displays "Toner is empty.", replace the toner.

#### NOTE

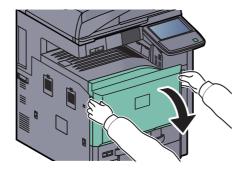
- For the toner container, always use a genuine toner container. Using a toner container that is not genuine may cause image defects and product failure.
- The memory chip in the toner container of this product stores information necessary for improving customer convenience, operation of the recycling system for used toner containers, and planning and development of new products. The stored information does not include information that makes it possible to identify individuals, and is only used anonymously for the above purposes.

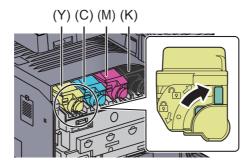


#### **CAUTION**

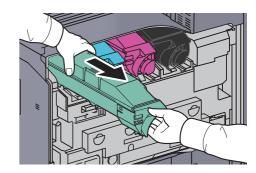
Do not attempt to incinerate parts which contain toner. Dangerous sparks may cause burns.

Installation procedures of the toner container is same for every color. The procedures here represent the yellow toner container.

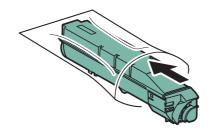




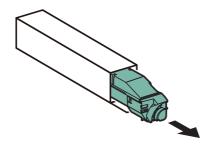




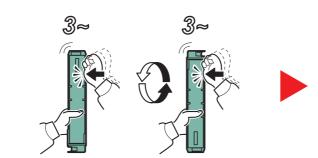
3



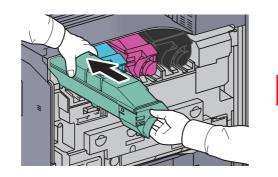


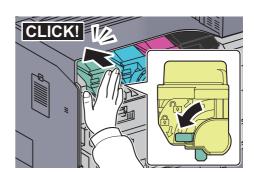


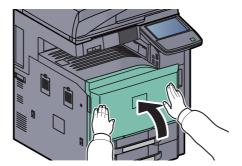
5











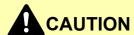
# NOTE

Return the exhausted toner container and waste toner box to your dealer or service representative. The collected toner container and waste toner box will be recycled or disposed in accordance with the relevant regulations.

# **Waste Toner Box Replacement**

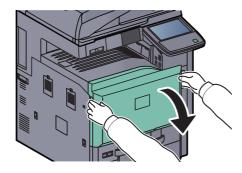
When "Waste toner box almost full" appears in the touch panel, make sure you have a new waste toner box available for replacement.

When the touch panel shows "Check waste toner box.", immediately replace the waste toner box.

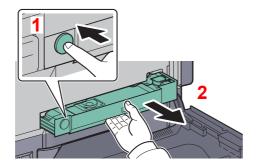


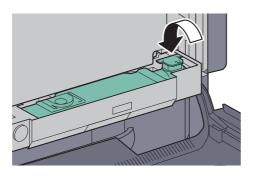
Do not attempt to incinerate parts which contain toner. Dangerous sparks may cause burns.

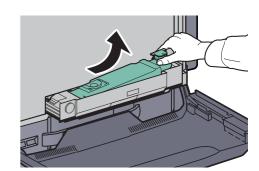
1

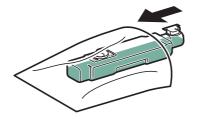


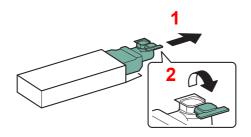
2

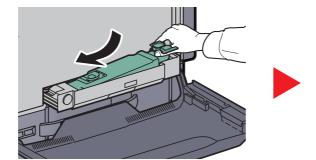




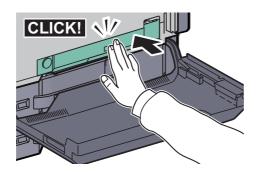




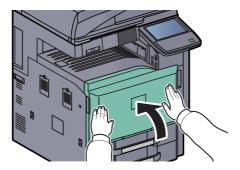








8



# NOTE

Return the exhausted toner container and waste toner box to your dealer or service representative. The collected toner container and waste toner box will be recycled or disposed in accordance with the relevant regulations.

# **Replacing Staples**

A staple cartridge is installed in the optional 1,000-sheet finisher, 4,000-sheet finisher, and center-fold unit.

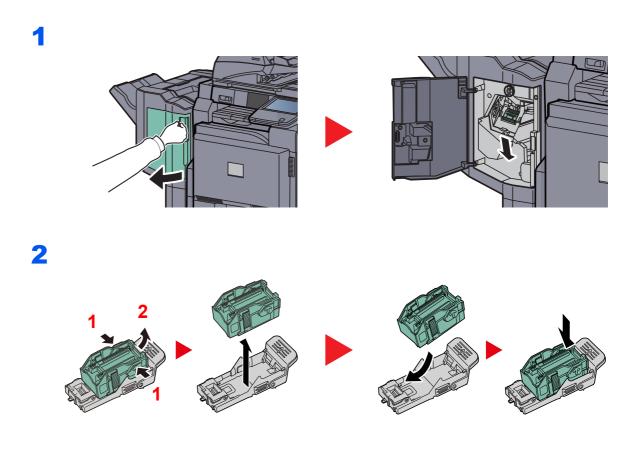
If a message displays indicating that staples have run out, the staple cartridge holder need to be replenished with staples.



If the Staple Unit runs out of staples, contact your service representative or the place of purchase.

Follow the steps below to refill staples.

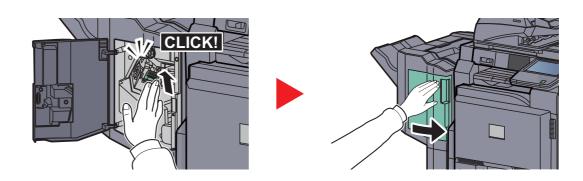
### 1,000-sheet Finisher (Option)





#### NOTE

The staple cartridge can only be removed when it contains no more staples.



#### 4,000-sheet Finisher (Option)

The 4,000-sheet finisher contains staple cartridge holder A.

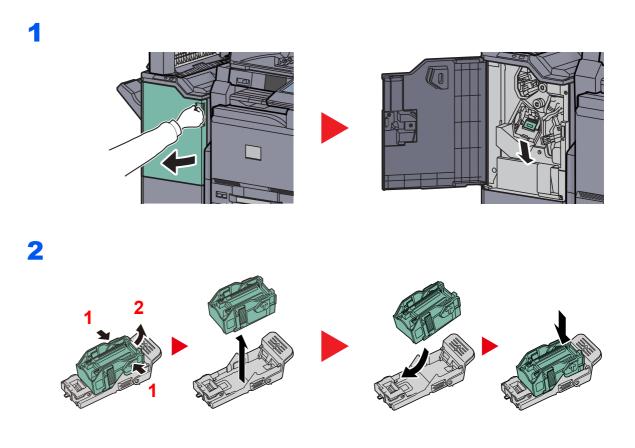
The optional folding unit contains staple cartridge holders B and C. The refill procedure for staple cartridge holders B and C are the same as for staple cartridge holder A.

#### Refilling Staple Cartridge Holder A



#### **NOTE**

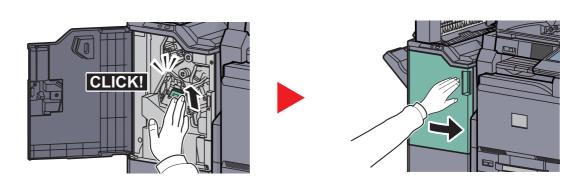
See page 10-14 to refill staple cartridge holder B/C of the optional folding unit.



#### **NOTE**

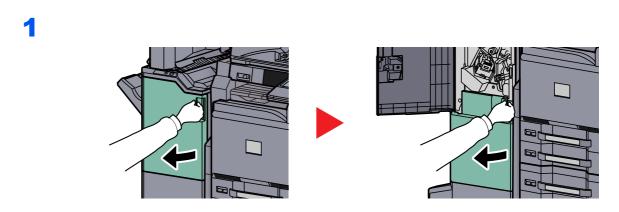
The staple cartridge can only be removed when it contains no more staples.

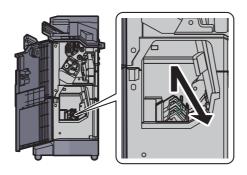
3

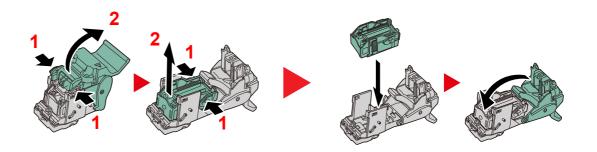


#### Refilling Staple Cartridge Holders B/C (Option)

Follow the steps below to refill staples for the optional folding unit. Follow the same procedure to refill staple cartridge holders B and C.



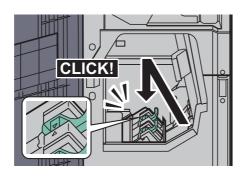


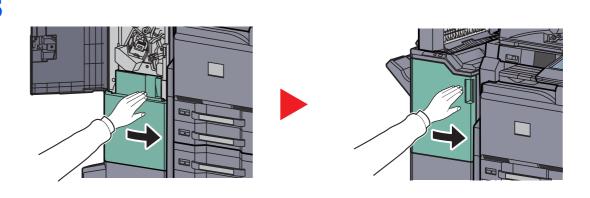


# NOTE

The staple cartridge can only be removed when it contains no more staples.

4



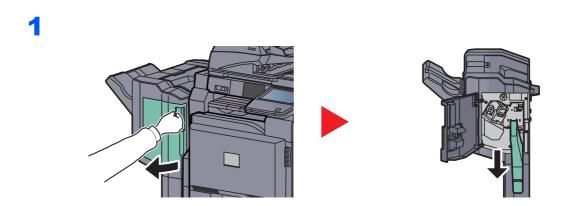


# **Disposing of the Punch Waste**

If a message is displayed on the machine operation panel indicating that the waste punch box is full, be sure to empty the scraps in the punch waste box.

Leave the main power switch on the machine switched ON ( | ) while performing this procedure.

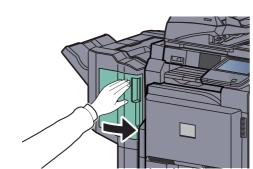
#### 1,000-sheet Finisher (Option)



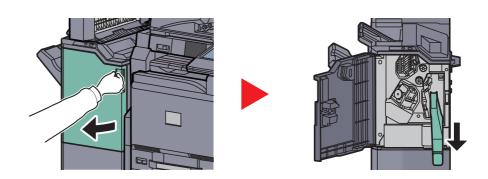


Take care not to spill the waste hole punch scraps when removing the container.



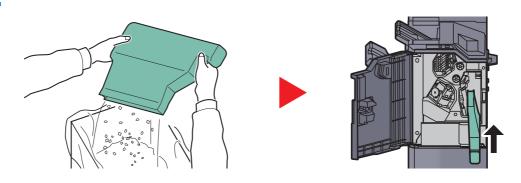


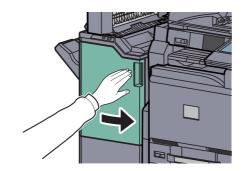
# 4,000-sheet Finisher (Option)



### NOTE

Take care not to spill the waste hole punch scraps when removing the container.





# **Troubleshooting**

# **Solving Malfunctions**

The table below provides general guidelines for problem solving.

If a problem occurs with your machine, look into the checkpoints and perform procedures indicated on the following pages. If the problem persists, contact your Service Representative.

Symptom	Checkpoints	Corrective Actions	Reference Page
An application does not start.	Is the Auto Panel Reset time short?	Set the Auto Panel Reset time to 30 seconds or more.	page 8-54
The screen does not respond when the main power switch is turned on.	Is the machine plugged in?	Plug the power cord into an AC outlet.	page 2-9
Pressing the [Start] key does not produce copies.	Is there a message on the screen?	Determine the appropriate response to the message and respond accordingly.	page 10-24
	Is the machine in Sleep mode?	Press the [Power] key to recover the machine from Sleep mode.	page 3-15
Blank sheets are ejected.	Are the originals loaded correctly?	When placing originals on the platen, place them face-down and align them with the original size indicator plates.	page 5-2
		When placing originals in the document processor, place them face-up.	page 5-3
	_	Check that the settings of the application software.	_
Printouts are totally too light.	Is the paper damp?	Replace the paper with new paper.	page 3-16
ABC ABC	Have you changed the density?	Select appropriate density level.	page 6-22 page 8-57
123     123	Is the toner distributed evenly within the toner container?	Shake the toner container from side to side several times.	page 10-6
	Is EcoPrint mode enabled?	Disable [EcoPrint] mode.	page 8-18
	_	Run [Drum Refresh].	page 10-42
	_	Run [Developer Refresh].	page 10-43
	_	Run [Laser Scanner Cleaning].	page 10-43
	_	Make sure the paper type setting is correct for the paper being used.	page 8-10
Printouts are too dark even though the background of the scanned original is white.	Have you changed the density?	Select appropriate density level.	page 6-22 page 8-57
	_	Run [Calibration].	page 10-42
123	_	Run [Developer Refresh].	page 10-43

Symptom	Checkpoints	Corrective Actions	Reference Page
Copies have a moire pattern (dots grouped together in patterns and not aligned uniformly).	Is the original a printed photograph?	Set the original image to [Printer Output] or [Book/Magazine] in [Photo].	page 6-23
Texts are not clearly printed.	Did you choose appropriate image quality for the original?	Select appropriate image quality.	page 6-23
Black or color dots appear on the white background when white original is scanned. $ABC \\ 123$	Is the original holder or the glass platen dirty?	Clean the original holder or the glass platen.	page 10-2
	Is the transfer roller dirty?	Brush the transfer roller clean.	page 10-5
	_	Run [Developer Refresh].	page 10-43
Printouts are fuzzy.  ABC 123	Is the machine being used in conditions of very humid, or humidity or temperature rapidly changes?	Use in an environment that has suitable humidity.  Run [Drum Refresh].	page 10-42
Images are skewed.  ABC  100	Are the originals loaded correctly?	When placing originals on the platen, align them with the original size indicator plates.	page 5-2
		When placing originals in the document processor, align the original width guides securely before placing the originals.	page 5-3
	Is the paper loaded correctly?	Check the position of the paper width guides.	page 3-18 page 3-26
	Have you printed out from Fiery?	Run [Cassette Alignment] in the Fiery screen.	_
Paper often jams.	Is the paper loaded correctly?	Load the paper correctly.	page 3-18 page 3-26
	_	Turn the orientation 180 degrees around in which the paper is positioned.	page xv page 3-18 page 3-26
	Is the paper of the supported type? Is it in good condition?	Remove the paper, turn it over, and reload it.	page 3-18
	Is the paper curled, folded or wrinkled?	Replace the paper with new paper.	page 3-18
	Are there any loose scraps or jammed paper in the machine?	Remove any jammed paper.	page 10-44

Symptom	Checkpoints	Corrective Actions	Reference Page
2 or more sheets are overlaps when ejected. (multi feed)  ABC 123	_	Load the paper correctly.	page 3-18 page 3-26
Printouts are wrinkled.	Are the originals loaded correctly?	Load the paper correctly.	page 3-18 page 3-26
	_	Clean the paper separator.	page 10-4
	_	Turn the orientation 180 degrees around in which the paper is positioned.	page xv page 3-18 page 3-26
	Is the paper damp?	Replace the paper with new paper.	page 3-16
Printouts are curled.	_	Turn the paper over in the cassette, or turn the orientation 180 degrees around in which the paper is positioned.	page xv page 3-18 page 3-26
123	Is the paper damp?	Replace the paper with new paper.	page 3-16
	Is the paper printed out to the finisher?	Change the [Correct Paper Curl].	page 8-59
Cannot print.	Is the machine plugged in?	Plug the power cord into an AC outlet.	_
	Is the machine powered on?	Turn on the main power switch.	page 2-10
	Are the printer cable and network cable connected?	Connect the correct printer cable and network cable securely.	page 2-6
	Was the machine powered on before the printer cable was connected?	Power on the machine after connecting the printer cable.	_
	Is the print job paused?	Resume printing.	page 7-4
Cannot print with USB memory. USB memory not recognized.	Is the USB host blocked?	Select [Unblock] in the USB host settings.	page 8-50
	_	Check that the USB memory is securely plugged into the machine.	_
Printouts have vertical lines.  ABC 123	Are the slit glass and the Dual scanning area dirty?	Clean the slit glass and the Dual scanning area.	page 10-3
	_	Run [Laser Scanner Cleaning].	page 10-43
Dirt on the top edge or back of the paper.  ABC 123	Check the machine interior.	Open the right cover. If the machine interior is dirty with toner, clean it using soft, dry, lint-free cloth.	_

Symptom	Checkpoints	Corrective Actions	Reference Page
Part of the image is	_	Run [Drum Refresh].	page 10-42
periodically faint or shows white lines.	_	Run [Developer Refresh].	page 10-43
Print on the back of the	_	Set [Prevent Bleed-through] to [On].	page 6-31
sheet is visible on the front.			page 8-17
Skewed-color printout.	_	Run [Calibration].	page 10-42
ABC	_	Run [Color Registration].	page 10-39
White dots appear on the image.  ABC  128	_	Run [Drum Refresh].	page 10-42
Colors appear different than you anticipated.	Did you choose appropriate image quality for the original?	Select appropriate image quality.	page 6-24
	Have you loaded color copy paper into the paper tray?	Load color copy paper into the paper tray.	page 3-18
	_	Run [Calibration].	page 10-42
	_	Run [Tone Curve Adjustment].	page 10-41
	_	When making copies Adjust the color balance.	page 6-26
		When printing from a computer Adjust the color using the printer driver.	Refer to the Printing System Driver User Guide.
	Have you printed out from Fiery?	Run [Calibrator] in the Fiery screen.	_
Perform Tone Curve Adjustment in the System Menu. is displayed.	Over long periods of use, the effects of the ambient temperature and humidity can cause color output hues to vary slightly.	Run [Tone Curve Adjustment].	page 10-41

Symptom	Checkpoints	Corrective Actions	Reference Page
The color toner is empty.	Do you want to continue printing in black and white?	If the black toner is remained, the machine continues printing in black and white by selecting [Print in Black and White] of [Color Toner Empty Action].	page 8-16
Cannot create Searchable	Is the proper language selected?	Check the language to extract.	page 6-67
PDF file.	Can the texts on the original not be recognized as texts, or is the PDF creation time taken?	<ul> <li>Check the following:</li> <li>The original orientation is correct.</li> <li>When setting the originals with the mixed orientation at once, [On] is selected for [Auto Image Rotation].</li> </ul>	page 6-67
Cannot search a text that you want to search on the	Have you set [OCR Recognition] in [File Format]?	Set [OCR Recognition] in [File Format].	page 6-67
PDF file.	Are the texts of the scanned original fainted or too light?	Set [Density] to darker level.	page 6-22
	Is the background of the scanned original too dark and the texts are difficult to recognize?	Set [Background Density Adj.] to [On] or [Manual] and manually adjust the density lighter. Otherwise, set [Density] to darker level.	page 6-22 page 6-30
	Is the text or image on the back of the original visible on the front?	Set [Prevent Bleed-through] to [On].	page 6-31
Cannot send via SMB.	Is the network cable connected?	Connect the correct network cable securely.	page 2-6
	Have the network settings for the equipment been configured properly?	Configure the TCP/IP settings properly.	page 8-43
	Have the folder sharing settings been configured properly?	Check sharing settings and access privileges under the folder properties.	_
	Has the SMB protocol been set to [On]?	Set the SMB protocol setting to [On].	page 5-33
	Has [Host Name] been entered properly? *1	Check the name of the computer to which data is being sent.	page 5-33
	Has [Path] been entered properly?	Check the share name for the shared folder.	page 5-33
	Has [Login User Name] been entered properly? *1*2	Check the domain name and login user name.	page 5-33
	Has the same domain name been used for [Host Name] and [Login User Name]?	Delete the domain name and backslash ("\") from [Login User Name].	page 5-33
	Has [Login Password] been entered properly?	Check the login password.	page 5-33
	Have exceptions for Windows Firewall been configured properly?	Configure exceptions for Windows Firewall properly.	page 3-41
	Do the time settings for the equipment, domain server, and data destination computer differ?	Set the equipment, domain server, and data destination computer to the same time.	_
	Is the screen displaying Send error?	Refer to Responding to Send Error.	page 10-34
Cannot send via the e-mail.	Is the E-mail send size limit set in the SMTP server registered on the machine?	Check the limit value is entered to "E-mail Size Limit" of [E-mail] setting in Embedded Web Server RX and change the value as necessary.	page 2-37

Symptom	Checkpoints	Corrective Actions	Reference Page
Cannot obtain the machine information when using Fiery.	Check the following settings of [Protocol Settings] in System Menu.  SNMPv1/v2c: Off  WSD Scan: Off  Enhanced WSD: Off	Change the following settings of [Protocol Settings] in System Menu. SNMPv1/v2c: On WSD Scan: On Enhanced WSD: On	page 8-46
	Check the following settings of [TCP/IP Setting] in System Menu. TCP/IP: Off IPv6: Off IPSec: On	Change the following settings of [TCP/IP Setting] in System Menu. TCP/IP: On IPv6: On IPSec: Off	page 8-43
	Is "public" entered in [Read Community] of [SNMPv1/v2c] in Embedded Web Server RX?	Enter "public" in [Read Community].	Refer to the Embedded Web Server RX User Guide.
	Are you using [Filtering/Firewall] in [Network Security] of [Security Settings] in Embedded Web Server RX?	Deactivate [Filtering/Firewall] settings.	Refer to the Embedded Web Server RX User Guide.

<sup>\*1</sup> You can also enter a full computer name as the host name (for example, pc001.abcdnet.com).

<sup>\*2</sup> You can also enter login user names in the following formats:

Domain\_name/user\_name (for example, abcdnet/james.smith)

User\_name@domain\_name (for example, james.smith@abcdnet)

# **Responding to Messages**

If the touch panel or the computer displays any of these messages, follow the corresponding procedure.

#### Α

Message	Checkpoints	Corrective Actions	Reference Page
Acceptable fold count exceeded.	Is the acceptable number of sheets exceeded?	Press [Continue] to print using Fold per acceptable number of sheets. Press [Cancel] to cancel the job.	page 6-17
Acceptable staple count exceeded.*	Is the acceptable number of sheets exceeded?	Press [Continue] to print without using Staple. Press [Cancel] to cancel the job.	_
Activation error.	_	Failed to activate the application. Contact administrator.	_
	_	Expansion Authentication is disabled. Turn the main power switch off and on. If the error exists, contact administrator.	_
Add paper in cassette #.	Is the indicated cassette out of paper?	Load paper. Select the available paper. Press [Continue] to print.	page 3-16
Add paper in Multi Purpose tray.	Is the paper of the selected size loaded in the multi purpose tray?	Load paper. Select the available paper. Press [Continue] to print.	page 3-26
Adjusting Scanner.	_	The machine is under the adjustment to maintain its quality. Please wait.	_
Adjusting	_	The machine is under the adjustment to maintain its quality. Please wait.	_

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

В

Message	Checkpoints	Corrective Actions	Reference Page
Box is not found.	_	The specified box cannot be found. Job is canceled. Press [End].	_
Box limit exceeded.*	Is [End] displayed on the screen?	The specified box is full, and no further storage is available. Job is canceled. Press [End]. Try to perform the job again after printing or deleting data from the box. The job is canceled. Press [End]. Refer to Responding to Send Error for the error code and corrective actions.	
		Repeat Copy box is full, and no further repeat copy is available. Press [Continue] to print scanned pages. Press [Cancel] to cancel the job.	

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

C

Message	Checkpoints	Corrective Actions	Reference Page
Calibrating	_	The machine is under the adjustment to maintain its quality. Please wait.	_
Cannot connect to Authentication Server.*	_	Set machine time to match the server's time.	page 2-23
	_	Check the domain name.	page 9-2
	_	Check the domain name.	page 9-2
	_	Check the connection status with the server.	_
Cannot connect to Server.	_	Check the connection status with the server.	_
Cannot duplex print on this paper.*	Did you select a paper size/type that cannot be duplex printed?	If the selected paper is not changed and [Continue] is pressed, duplex is released. Select the available paper. Press [Continue] to print.	page 6-44
Cannot find the destination computer. Check the computer.	Is the machine and the PC to which the scanned image is to be sent connected to the network?	<ul> <li>Check the network and SMB settings.</li> <li>The network cable is connected.</li> <li>The hub is not operating properly.</li> <li>The server is not operating properly.</li> <li>Host name and IP address</li> <li>Port number</li> </ul>	page 2-6
	Is the account information (user ID, password) used to access the shared folder to which the scanned image is to be sent incorrect?	Check the following settings of the PC to which the scanned image is to be sent.  Host name Path Login user name  NOTE If the sender is a domain user, specify the domain name. [Login User ID]@[Domain Name] Example: sa720XXXX@km Login password Folder share permissions of the recipient	
Cannot fold this paper.	Did you select a paper size/type that cannot be folded?	If the selected paper is not changed and [Continue] is pressed, fold is released. Select the available paper. Press [Continue] to print.	page 6-17

Message	Checkpoints	Corrective Actions	Reference Page
Cannot offset this paper.*	Did you select a paper size/type that cannot be offset?	If the selected paper is not changed and [Continue] is pressed, offset is released.  Select the available paper. Press [Continue] to print.	page 6-18
Cannot perform print from remote.	_	Remote printing is prohibited. The job is canceled. Press [End].	page 8-27
Cannot print the specified number of copies.*	_	Only one copy is available. Press [Continue] to continue printing. Press [Cancel] to cancel the job.	_
Cannot process this job.*	_	Restricted by Authorization settings. The job is canceled. Press [End].	_
	_	Restricted by Job Accounting. The job is canceled. Press [End].	page 9-29
Cannot punch at the specified position.	Have you selected a position that cannot be punched?	If the selected paper is not changed and [Continue] is pressed, punch is released.  Select the available paper. Press [Continue] to print.	page 6-20
Cannot punch this paper.	Did you select a paper size/type that cannot be punched?	If the selected paper is not changed and [Continue] is pressed, punch is released.  Select the available paper. Press [Continue] to print.	page 6-20
Cannot staple at the specified position.	Have you selected a position that cannot be stapled?	If the selected paper is not changed and [Continue] is pressed, staple is released. Select the available paper. Press [Continue] to print.	page 6-19
Cannot staple this paper.*	Did you select a paper size/type that cannot be stapled?	If the selected paper is not changed and [Continue] is pressed, staple is released. Select the available paper. Press [Continue] to print.	page 6-19
Cannot use ##### due to a failure.	_	Call service.	_
Check the document processor.	Is the top cover of the document processor open?	Close the document processor cover.	_
	Is the document processor open?	Close the document processor.	_
Check the main unit	Is the main unit right tray closed?	Open the main unit right tray.	_
right tray.	Is the acceptable storage capacity exceeded?	Remove the paper. Printing then resumes.	_
Check the paper in the multi purpose tray.	_	The paper size is different. Set selected size paper and press [Continue].	page 3-33
Check the side feeder.	_	The side feeder is not installed correctly. Attach the side feeder.	_

Message	Checkpoints	Corrective Actions	Reference Page
Check waste toner box.	_	The waste toner box is not installed correctly. Set it correctly.	page 10-9
	Is the waste toner box full?	Replace the waste toner box.	page 10-9
Cleaning the laser scanner	_	The machine is under the adjustment to maintain its quality. Please wait.	_
Confidential document was detected.	_	The machine detects the document guard pattern. Job is canceled. Press [End].	_

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

Ε

Message	Checkpoints	Corrective Actions	Reference Page
Empty the punch waste box.	Is the punch waste box full?	Follow the instructions on the screen. and empty the punch waste box.	page 10-16
Error occurred at cassette #.	_	Open the cassette. Check inside the machine and remove the paper.	_
Error occurred at the multi purpose tray.	_	Remove the paper from the multi purpose tray.	_

F

Message	Checkpoints	Corrective Actions	Reference Page
Failed to specify Job Accounting.*	_	Failed to specify Job Accounting when processing the job externally. The job is canceled. Press [End].	_
Failed to store job retention data.	_	The job is canceled. Press [End].	_
Finisher left tray is full of paper.	Is the acceptable storage capacity exceeded?	Remove the paper. Printing then resumes.	_
	Is the paper curled?	Check the checkpoints of "Printouts are curled." in Solving Malfunctions and take the corrective actions.	page 10-20
Folding tray is full of paper.	Is the acceptable storage capacity exceeded?	Remove the paper. Printing then resumes.	_

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

### Н

Message	Checkpoints	Corrective Actions	Reference Page
Hard Disk error.	_	An error has occurred on the hard disk. Job is canceled. Press [End].	_
		The possible error codes and their descriptions are as follows.	
		01: The amount of data that can be saved at once has been exceeded. Restart the system or turn the power OFF/ON. If the error still occurs, divide the file into smaller files.	
		If the error occurs after the file is divided, the hard disk is damaged. Execute [System Initialization].	
		04: Insufficient space on the hard disk to complete this operation.  Move data or delete unneeded data.	

i

Message	Checkpoints	Corrective Actions	Reference Page
Incorrect account ID.*	_	The account ID was incorrect when processing the job externally. The job is canceled. Press [End].	_
Incorrect box password.	_	The box password was incorrect when processing the job externally. The job is canceled. Press [End].	_
Incorrect Login User Name or Password.*	_	The login user name or password was incorrect when processing the job externally. The job is canceled. Press [End].	_
Install the punch waste box.	_	Follow the instructions on the screen. and install the punch waste box.	page 10-16
Invalid configuration.	Are the originals loaded correctly?	When placing originals on the platen, place them face-down and align them with the original size indicator plates.  When placing originals in the document processor, place them face-up.	

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

J

Message	Checkpoints	Corrective Actions	Reference Page
Job Accounting restriction exceeded.*	Is the acceptable printing count restricted by Job Accounting exceeded?	The printing count exceeded the acceptable count restricted by Job Accounting. Cannot print any more. The job is canceled. Press [End].	_
Job separator tray is full of paper.	Is the acceptable storage capacity exceeded?	Remove the paper and press [Continue]. Printing then resumes.	_

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

K

Message	Checkpoints	Corrective Actions	Reference Page
KPDL error. *	_	PostScript error has occurred. The job is canceled. Press [End].	_

When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

M

Message	Checkpoints	Corrective Actions	Reference Page
Machine failure.	_	Internal error has occurred. Make a note of the error code displayed on the screen. Call service.	
Mailbox tray is full of paper.	Is the acceptable storage capacity exceeded?	Remove the paper. Printing then resumes.	_
Main unit inner tray is full of paper.	Is the acceptable storage capacity exceeded?	Remove the paper. Printing then resumes.	_
Main unit upper left tray is full of paper.	Is the acceptable storage capacity exceeded?	Remove the paper and press [Continue]. Printing then resumes.	_
Maximum number of scanned pages.	Is the acceptable scanning count exceeded?	Cannot scan pages any more. Follow the instructions on the screen.	_
Memory is full.*	_	The memory is full and the job cannot be continued. Press [Continue] to print the scanned pages. The print job cannot be processed completely. Press [Cancel] to cancel the job.	_
	_	The process cannot be performed due to insufficient memory. If only [End] is available, press [End]. The job will be canceled.	_

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

Ρ

Message	Checkpoints	Corrective Actions	Reference Page
Paper jam.	_	If a paper jam occurs, the machine will stop and the location of the jam will be indicated on the screen. Leave the machine on and follow the instructions to remove the jammed paper.	page 10-44
Paper left.	_	Remove paper from the document finisher.	_
Performing Drum Refresh	_	The machine is under the adjustment to maintain its quality. Please wait.	
Perform Tone Curve Adjustment in the System Menu.	Over long periods of use, the effects of the ambient temperature and humidity can cause color output hues to vary slightly.	Run [Tone Curve Adjustment].	page 10-41
Preparing to print.	_	The machine is under the adjustment to maintain its quality. Please wait.	_
Printing System error.		An error has occurred on Printing System.  Refer to Responding to Printing System Error for the error code and corrective actions.	page 10-37
Printing System error. Press Status/Job Cancel key to check error.	Press [Status/Job Cancel] key. Is the [Printing System Error.] message displayed?	An error has occurred on Printing System. Refer to Responding to Printing System Error for the error code and corrective actions.	page 10-37
	Press [Status/Job Cancel] key. Is the [Device/Communication] screen displayed?	An error has occurred on Printing System. Press [Printing Sys Err] of the [Device/Communication] screen and check error.	page 10-37

R

Message	Checkpoints	Corrective Actions	Reference Page
Regulating the temperature	_	The machine is under the adjustment to maintain its quality. Please wait.	_
Removable memory error.*	Is writing to a removable memory prohibited?	An error occurred in the removable memory. The job stopped. Press [End].	_
		The possible error codes and their descriptions are as follows.	
		01: Connect a removable memory that can be written to.	

Message	Checkpoints	Corrective Actions	Reference Page
Removable memory error.**	_	An error occurred in the removable memory. The job stopped. Press [End].	page 5-69
		The possible error codes and their descriptions are as follows.	
		01: The amount of data that can be saved at once has been exceeded. Restart the system or turn the power OFF/ON. If the error still occurs, divide the file into smaller files.  If the error still occurs, the	
		removable memory is not compatible with the machine. Use the removable memory formatted by this machine.	
		If the removable memory cannot be formatted, it is damaged. Connect a compatible removable memory.	
Removable Memory is full.*	_	The job is canceled. Press [End]. Insufficient free space in the removable memory. Delete unneeded files.	_
Remove originals in the document processor.	Are there any originals left in the document processor?	Remove originals from the document processor.	_
Replace all originals and press [Continue].	_	Remove originals from the document processor, put them back in their original order, and place them again. Press [Continue] to resume printing. Press [Cancel] to cancel the job.	_

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

S

Message	Checkpoints	Corrective Actions	Reference Page
Scanner memory is full.*	_	Scanning cannot be performed due to insufficient memory of the scanner. Follow the instructions on the screen.	_
Send Error.*		An error has occurred during transmission. The job is canceled. Press [End]. Refer to Responding to Send Error for the error code and corrective actions.	page 10-34
Skewed originals fed.	_	See the caution attached on the document processor and check the originals. If the originals are jammed, follow the instructions on the screen to remove the originals.	_

<sup>\*\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

Message	Checkpoints	Corrective Actions	Reference Page
Staple is empty. (Manual Staple)	Has staple cartridge holder A run out of staples?	Add staples to staple cartridge holder A.	page 10-13
Staple is empty.*	Has staple cartridge holder run out of staples?	If the staples are depleted, the machine will stop and the location of staple depletion will be indicated on the screen. Leave the machine on and follow the instructions to replace the staple case. Press [Continue] to print without stapling. Press [Cancel] to cancel the job.	page 10-12
Staple jam.		If a staple jam occurs, the machine will stop and the location of the jam will be indicated on the screen. Leave the machine on and follow the instructions to remove the jammed staple.	page 10-72
System error.		System error has occurred. Follow the instructions on the screen.	_

<sup>\*</sup> When Auto Error Clear is set to [On], processing resumes automatically after a set amount of time elapses.

T

Message	Checkpoints	Corrective Actions	Reference Page
The cover is open.	Is there any cover which is open?	Close the cover indicated on the screen.	_
The folding unit is open.	_	Close the folding unit.	_
The password does not meet password policy.	Is the password expired?	Change the login password. The job is canceled. Press [End].	page 9-7 page 9-8
	Is the password policy requirement (such as password length or required characters) changed?	Confirm the password policy requirements and change the login password.  The job is canceled. Press [End].	page 9-7 page 9-8
The print system connected to the current port is not supported by the printer driver.	Is the printer driver for this product used?	Check the product name of the machine and reinstall the printer driver.	_
Use a printer driver for this port that matches the print system.			
The removable memory is not formatted.	Is the removable memory formatted by this machine?	Perform [Format] on this machine.	_
The slit glass requires cleaning.		Clean the slit glass using the cleaning cloth supplied with the document processor.	page 10-3
This user account is locked out.	_	Contact administrator. The job is canceled. Press [End].	_

Message	Checkpoints	Corrective Actions	Reference Page
Toner is empty. [C][M][Y][K]	_	Replace the toner container to our specified toner container.	page 10-6
		If the color toner is empty but the black toner is remained, the machine continues printing in black and white by selecting [Print in Black and White] of Color Toner Empty Action.	
Toner is low. [C][M][Y][K](Replace when empty.)	_	It is almost time to replace the toner container. Obtain a new toner container.	_
Tray # is full of paper.	Is the acceptable storage capacity exceeded?	Remove the paper. Printing then resumes.	_
	Is the paper curled?	Check the checkpoints of "Printouts are curled." in Solving Malfunctions and take the corrective actions.	page 10-20

U

Message	Checkpoints	Corrective Actions	Reference Page
Unknown toner installed.	Is the installed toner container our own brand?	We will not be liable for any damage caused by the use of third party supplies in this machine.	_
Unknown Toner Installed. PC [C][M][Y][K]	Does the installed toner container's regional specification match the machine's?	Install the specified container.	_

W

Message	Checkpoints	Corrective Actions	Reference Page
Warning for high temperature. Adjust the room temperature.	_	Print quality may be deteriorated. Adjust the temperature and the humidity of your room.	
Warning for low temperature. Adjust the room temperature.	_	Print quality may be deteriorated. Adjust the temperature and the humidity of your room.	_
Warning low memory.	_	Cannot start the job. Try again later.	_
Waste toner box almost full.		It is almost time to replace the waste toner box. Obtain a new waste toner box.	

Υ

Message	Checkpoints	Corrective Actions	Reference Page
You cannot use this box.	_	You cannot use the specified box. Job is canceled. Press [End].	_

# **Responding to Send Error**

Error Code	Message	Corrective Actions	Reference Page
1101	Failed to send the e-mail. Failed to send i-FAX.	Check the host name of the SMTP server on the Embedded Web Server RX.	page 2-33
	Failed to send via FTP.	Check the host name of FTP.	_
	Failed to send via SMB.	Check the host name of SMB.	_
1102	Failed to send via SMB.	Check the SMB settings.  Login user name and login password	_
		<ul> <li>NOTE</li> <li>If the sender is a domain user, specify the domain name.</li> <li>Host name</li> <li>Path</li> </ul>	
	Failed to send the e-mail.	Check the following on the Embedded Web Server RX.  SMTP login user name and login password POP3 login user name and login password  E-mail size limit	_
	Failed to send i-FAX.	Check the following on the Embedded Web Server RX.  SMTP login user name and login password POP3 login user name and login password	_
	Failed to send via FTP.	Check the FTP settings.  Login user name and login password  NOTE  If the sender is a domain user, specify the domain name.  Path  Folder share permissions of the recipient	_
1103	Failed to send via SMB.	Check the SMB settings.  Login user name and login password  NOTE  If the sender is a domain user, specify the domain name.  Path  Folder share permissions of the recipient	page 5-33
	Failed to send via FTP.	Check the FTP settings.  Path Folder share permissions of the recipient	_

Error Code	Message	Corrective Actions	Reference Page
1104	Failed to send the e-mail.	Check the E-mail address.  NOTE  If the address is rejected by the domain, you cannot send the E-mail.	page 5-37
	Failed to send i-FAX.	Check the i-FAX address.  NOTE  If the address is rejected by the domain, you cannot send the E-mail.	Refer to FAX Operation Guide.
1105	Failed to send via SMB.	Select [On] of the SMB settings on the Embedded Web Server RX.	page 2-33
	Failed to send the e-mail.	Select [On] of the SMTP settings on the Embedded Web Server RX.	page 2-33
	Failed to send via FTP.	Select [On] of the FTP settings on the Embedded Web Server RX.	page 2-33
	Failed to send i-FAX.	Select [On] of the i-FAX settings on the Embedded Web Server RX.	Refer to FAX Operation Guide.
1106	Failed to send the e-mail. Failed to send i-FAX.	Check the sender address of SMTP on the Embedded Web Server RX.	page 2-33
1131	Failed to send via FTP.	Select [On] of the secure protocol settings on the Embedded Web Server RX.	page 2-33
1132	Failed to send via FTP.	Check the following of the FTP server.  Is FTPS available?  Is the encryption available?	page 2-33
2101	Failed to send via SMB.	Check the network and SMB settings.  The network cable is connected.  The hub is not operating properly.  The server is not operating properly.  Host name and IP address  Port number	_
	Failed to send via FTP.	Check the network and FTP settings.  The network cable is connected.  The hub is not operating properly.  The server is not operating properly.  Host name and IP address  Port number	_
	Failed to send the e-mail. Failed to send i-FAX.	<ul> <li>Check the network and Embedded Web Server RX.</li> <li>The network cable is connected.</li> <li>The hub is not operating properly.</li> <li>The server is not operating properly.</li> <li>POP3 server name of the POP3 user</li> <li>SMTP server name</li> </ul>	_

Error Code	Message	Corrective Actions	Reference Page
2102 2103	Failed to send via FTP.	<ul> <li>Check the network and SMB settings.</li> <li>The network cable is connected.</li> <li>The hub is not operating properly.</li> <li>The server is not operating properly.</li> <li>Check the following of the FTP server.</li> <li>Is FTP available?</li> <li>The server is not operating properly.</li> </ul>	_
	Failed to send the e-mail. Failed to send i-FAX.	<ul> <li>Check the network and SMB settings.</li> <li>The network cable is connected.</li> <li>The hub is not operating properly.</li> <li>The server is not operating properly.</li> </ul>	-
2201 2202 2203 2231	Failed to send the e-mail.  Failed to send via FTP.  Failed to send via SMB.  Failed to send i-FAX.	<ul> <li>Check the network and SMB settings.</li> <li>The network cable is connected.</li> <li>The hub is not operating properly.</li> <li>The server is not operating properly.</li> </ul>	_
2204	Failed to send the e-mail. Failed to send i-FAX.	Check the E-mail size limit of the SMTP settings on the Embedded Web Server RX.	_
3101	Failed to send the e-mail. Failed to send i-FAX.	Check the authentication methods of both the sender and the recipient.	_
	Failed to send via FTP.	<ul> <li>Check the network and SMB settings.</li> <li>The network cable is connected.</li> <li>The hub is not operating properly.</li> <li>The server is not operating properly.</li> </ul>	_
3201	Failed to send the e-mail. Failed to send i-FAX.	Check the authentication methods of both the sender and the recipient.	_
0007 4201 4701 5101 5102 5103 5104 7101 7102 7103 720f		Turn the main power switch off and back on. If this error occurs several times, make a note of the displayed error code and contact your service representative.	
9181	_	The scanned original exceeds the acceptable number of pages of 999. Send the excess pages separately.	_

# **Responding to Printing System Error**

Error Code	Message	Checkpoints	Corrective Actions
1020	Machine interface board failure. Call service.	_	Printing System failure has occurred. Make a note of the error code displayed on the touch panel. Call service.
1030	Failed to connect to the Printing System.	Is the power switch of Printing System turned ON?	Turn the power switch of Printing System on.
	Check the connection to the Printing System. > Printing System power > Interface cable connection	Is the power cable of Printing System plugged?	Turn the main power switch of the machine off and check that the power cable of Printing System is correctly plugged.  After checking the power cable, turn the main power switch of the machine on.
		Is the interface cable (DVI) connected from the machine to Printing System?	Check that the interface cable is correctly connected.
1031	Failed to connect to the Printing System.  Check the connection to the Printing System.  Interface cable connection	_	Check that the interface cable is correctly connected. If the error exists, Printing System failure has occurred. Make a note of the error code displayed on the touch panel. Call service.
1040	Failed to connect to the Printing System.  Check the connection to the Printing System.  > Network cable connection  > Network settings	Is the network cable connected from the machine to Printing System?	<ul> <li>Check the network.</li> <li>The network cable is connected.</li> <li>The hub is not operating properly.</li> <li>The server is not operating properly.</li> </ul>
		Are the network settings correct?	Press [System Menu], [System], [Next] of Network and then [Next] of TCP/IP Setting and configure the following settings:  TCP/IP: On  IPv6: On
2000	Failed to connect to the Printing System.  Check the connection to the Printing System.  > Both machine and Printing System  > Firmware versions installed on the machine and Printing System	_	Make a note of the error code displayed on the touch panel. Call service.

Error Code	Message	Checkpoints	Corrective Actions
2010 2020	Failed to connect to the Printing System.  Check the connection to the Printing System.  > Both machine and machine interface board  > Firmware versions installed on the machine and Printing System		Make a note of the error code displayed on the touch panel. Call service.
3000	Failed to connect to the Printing System.  Check the connection to the Printing System.  > Network settings > Both machine and Printing System		Turn the main power switch off and on. If the error exists, Printing System failure has occurred. Make a note of the error code displayed on the touch panel. Call service.

# **Adjustment/Maintenance**

#### Color Registration

When first installing the machine or moving it to a new location, color drift during printing may occur. Use this function to correct the color position of each of cyan, magenta and yellow to resolve color drift.

Auto registration and manual registration are available for Color Registration. Color drift can be largely corrected through auto registration. However, if it is not resolved or to perform more detailed settings, use the manual registration.



#### **NOTE**

To perform color registration, verify that either Letter or A4 paper is loaded into a cassette.



#### **◯** IMPORTANT

Before performing color registration, be sure to perform calibration (see Calibration on page 10-42). If color drift remains, perform color registration. By performing color registration without performing calibration, the color drift will be resolved once, however, it may cause the serious color drift later.

#### **Auto Correction**

### Display the screen.

1 Press the [System Menu] key.

### System Menu



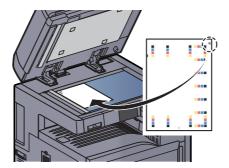
2 Press [∨], [Adjustment/Maintenance], [∨] and then [Next] of "Color Registration".

#### Print the chart.

Press [Next] in "Auto" and then [Start]. A chart is printed.

## Perform the color registration.

1 As shown in the illustration, place the printed side down on the platen with the edge with the arrows toward the back.



2 Press [Start] to scan the chart.

When scanning is finished, color printing position correction starts.

**3** When color printing position correction ends, press [OK].

#### **Manual Correction**

#### Display the screen.

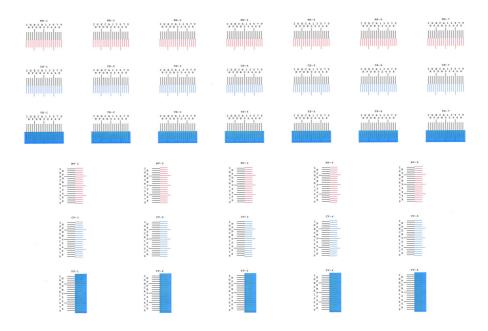
- 1 Display the "Color Registration" screen as explained in step 1 of Auto Correction.
- 2 Press [Next] in Manual.

#### Print the chart.

Press [Print] of "Chart". A chart is printed.

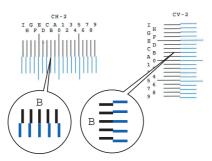
On the chart, for each of **M** (magenta), **C** (cyan) and **Y** (yellow), charts for **H-1** to **7** and **V-1** to **5** are printed.

#### **Chart Example**



### Enter the appropriate value.

1 From charts V-1 to V-5, read only the values from V-3 (center).



Find the location on each chart where 2 lines most closely match. If this is the 0 position, registration for that color is not required. For the illustration, B is the appropriate value.

- 2 Press [Next] of "Registration".
- 3 Press [Change] for the chart to be corrected.

4 Press [+] or [-] to enter the values read from the chart and press [OK].

Press [+] to increase the value from 0 to 9. To decrease, press [-].

By pressing [-], the value changes from 0 to alphabetic letters, going from A to I. To move in the reverse direction, press [+].

You cannot use the numeric keys to enter these values.

- **5** Repeat steps 3 and 4 to enter the registration values for each chart.
- 6 Press [Start] after all values have been entered. Color registration begins.
- 7 Press [OK] after color registration is complete.

#### **Tone Curve Adjustment**

After prolonged use, or from the effects of surrounding temperature or humidity, the printed output tone may differ from the original. Perform this function to ensure consistency with the original tone. Before executing Tone Curve Adjustment, execute calibration (see page 10-42). If calibration does not improve the tones, perform Tone Curve Adjustment.



#### NOTE

To perform tone curve adjustment, verify that either Letter or A4 paper is loaded into a cassette.

A total of 3 pattern pages (No. 1 to 3) are printed during adjustment. The printed patterns are read sequentially during the adjustment.

### Display the screen.

1 Press the [System Menu] key.

System Menu



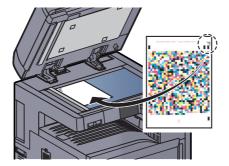
Press [V], [Adjustment/Maintenance], [V] and then [Next] of "Tone Curve Adjustment".

### Adjust the tone curve.

1 Press [Start]. A pattern is printed.

Check that the number "1" is printed at the bottom of the pattern.

2 As shown in the illustration, place the printed side down on the platen with the edge with the arrows toward the back.



3 Press [Start]. The pattern is read and adjustment begins.

The second pattern is output.

- 4 Check that the number "2" (to "3") is printed at the bottom of the pattern and repeat steps 2 to 3 twice to read patterns 2 and 3 in sequence.
- **5** Press [OK] in the adjustment end confirmation screen.

#### **Drum Refresh**

Remove image blur and white dots from the image.



#### **NOTE**

Drum Refresh cannot be performed while printing. Execute Drum Refresh after the printing is done.

### Display the screen.

1 Press the [System Menu] key.

System Menu



2 Press [√], [Adjustment/Maintenance] and then [Next] of "Drum Refresh".

### Perform the drum refresh.

Press [Start] to perform Drum Refresh.

#### Calibration

Using this function enables printing in the most appropriate color by adjusting hue and color drift in detail. Use Tone Curve Adjustment (page 10-41) when the color is not enhanced even after performing calibration. If the hue and color are not enhanced, use Color Registration (page 10-39).

### Display the screen.

1 Press the [System Menu] key.

System Menu



2 Press [∨], [Adjustment/Maintenance], [∨] and then [Next] of "Calibration".

### Perform the calibration.

Press [Start]. "Calibration" begins.

#### **Laser Scanner Cleaning**

Remove vertical lines from the image.

#### Display the screen.

1 Press the [System Menu] key.

System Menu



2 Press [∨], [Adjustment/Maintenance], [∨] and then [Next] of "Laser Scanner Cleaning".

### Perform the laser scanner cleaning.

Press [Start]. "Laser Scanner Cleaning" begins.

#### **Developer Refresh**

Adjust the printed image that is too light or incomplete, even though there is enough toner. In addition, Black or color dots appear on the white background when white original is scanned can be removed.

### Display the screen.

1 Press the [System Menu] key.

System Menu



2 Press [∨], [Adjustment/Maintenance], [∨] and then [Next] of "Developer Refresh".

### Perform the developer refresh.

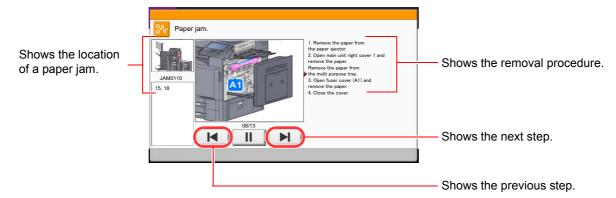
Press [Start]. "Developer Refresh" begins.



Waiting time may be longer when the toner is refilled during developer refresh.

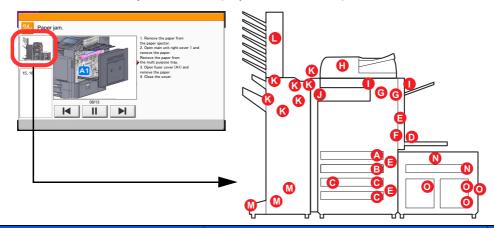
# **Clearing Paper Jams**

If a paper jam occurs, the touch panel will display "Paper Jam". and the machine will stop. Refer to these procedures to remove the jammed paper.



#### **Jam Location Indicators**

If a paper jam occurs, the location of the jam will be displayed on the touch panel as well as the cleaning instructions.

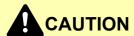


Paper Jam Location Indicator	Paper Jam Location	Reference Page
Α	Cassette 1	page 10-46
В	Cassette 2	page 10-47
С	Cassette 3 or 4 (Option)	page 10-48
D	Multi Purpose Tray	page 10-51
E	Inside the right cover 1, 3 or 4	page 10-52
F	Duplex unit	page 10-53
G	Fixing unit	page 10-56
Н	Document processor (Option)	page 10-57
I	Job Separator (Option)	page 10-58
J	Bridge Unit	page 10-59
К	1,000-sheet Finisher (Option)	page 10-60
	4,000-sheet Finisher (Option)	page 10-61
L	Mailbox (Option)	page 10-64
М	Center-Folding Unit (Option)	page 10-65
N	Cassette 5 (Option)	page 10-67
0	Cassette 6,7 (Option)	page 10-69

After you remove the jam, the machine will warm up again and the error message will be cleared. The machine resumes with the page that was printing when the jam occurred.

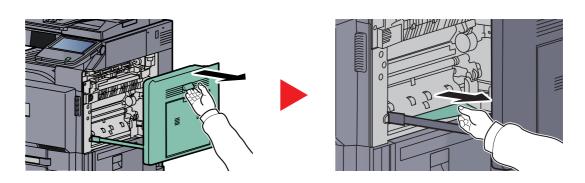
#### **Precautions with Paper Jams**

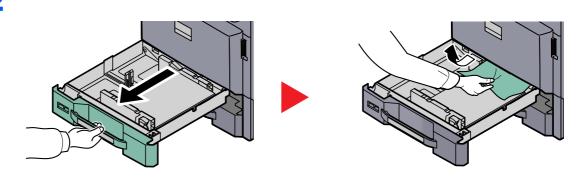
- · Do not reuse jammed papers.
- If the paper tears during removal, be sure to remove any loose scraps of paper from inside the machine. Scraps of paper left in the machine could cause subsequent jamming.
- After clearing the paper jam, close the cassette and cover in the reverse procedure.
- Discard paper that has jammed in the optional document finisher. A page affected by a paper jam will be printed again.



The fixing unit is extremely hot. Take sufficient care when working in this area, as there is a danger of getting burned.

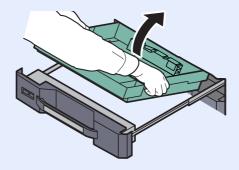
### Cassette 1



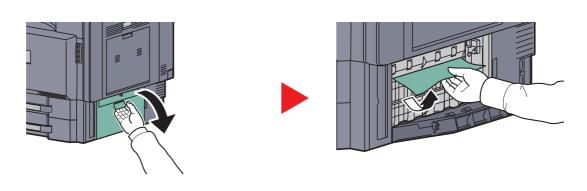


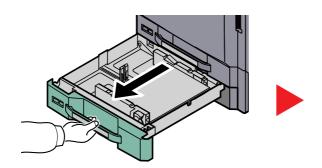
# NOTE

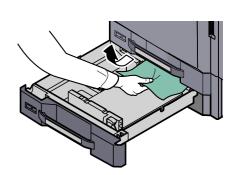
To remove paper which is difficult to get access to, the inner part of the cassette can be removed.



### Cassette 2

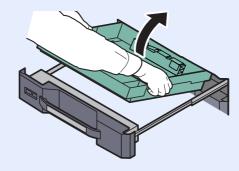






# NOTE

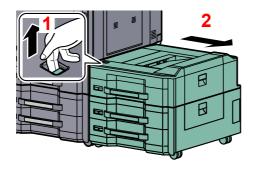
To remove paper which is difficult to get access to, the inner part of the cassette can be removed.



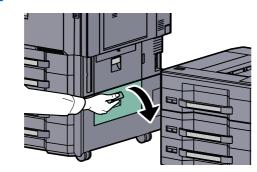
## Optional Cassettes 3 and 4

## Paper Feeder (500-sheet x 2)

1

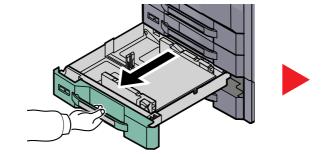


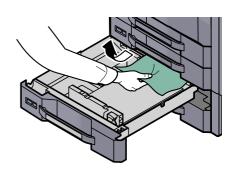






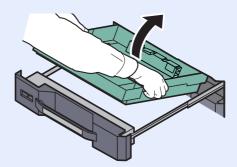
3





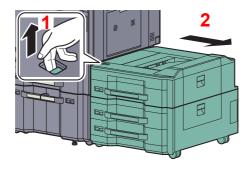


To remove paper which is difficult to get access to, the inner part of the cassette can be removed.

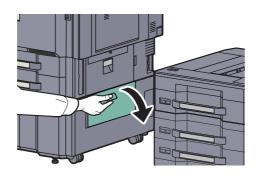


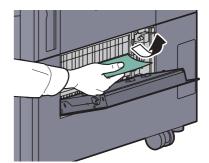
### Large Capacity Feeder (1,500-sheet x 2)

1

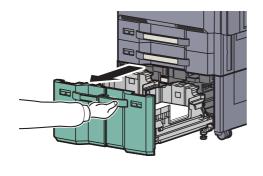


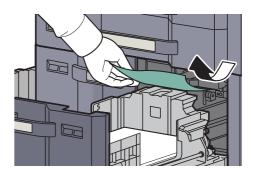




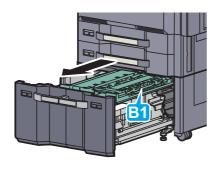


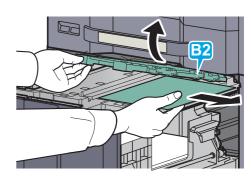
3





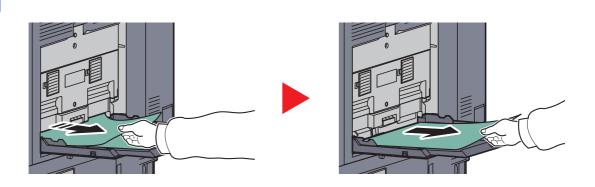
4



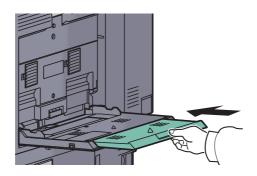


# Multi Purpose Tray

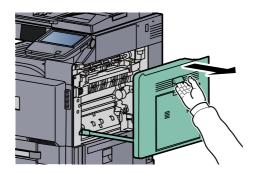
1



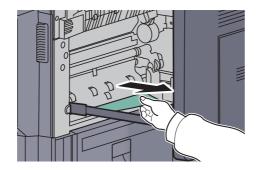
2



3

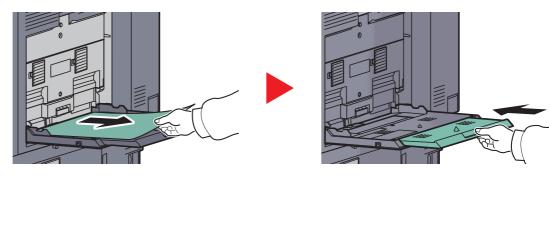


4

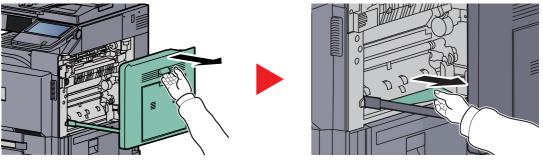


## Inside the Right Covers 1, 3 and 4

1



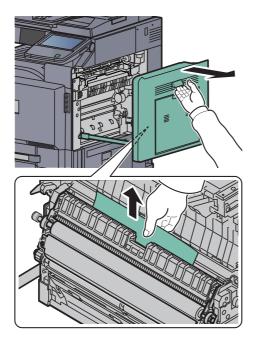
2



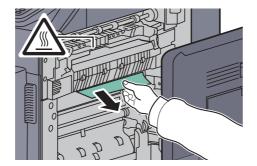
If you are using the optional document finisher, follow step on page 10-59 to remove jammed paper in the optional bridge unit.

# **Duplex unit**

1

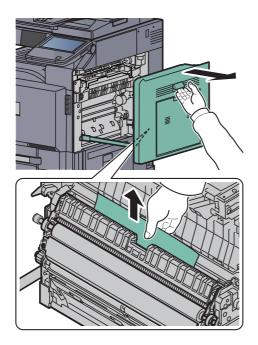


2

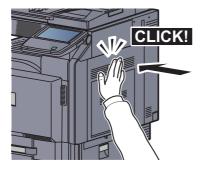


# **Duplex Unit and Cassette 1**

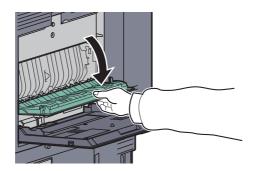
1

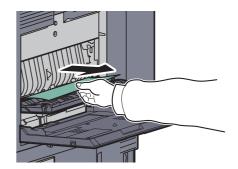


2

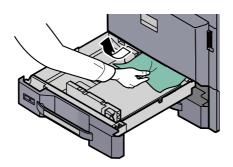


3



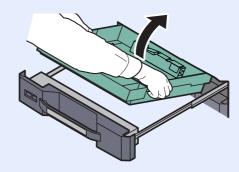




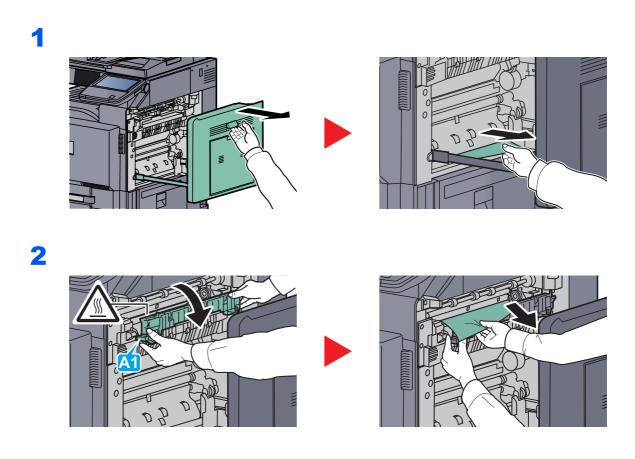


## NOTE

To remove paper which is difficult to get access to, the inner part of the cassette can be removed.



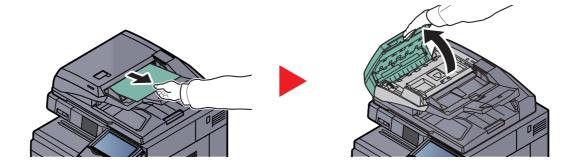
# Fixing unit



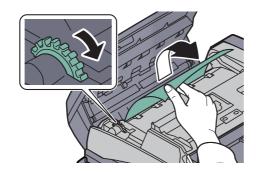


## **Optional Document Processor**

1

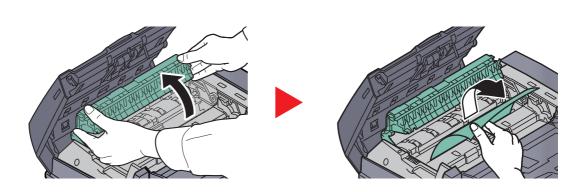


2



If the original is difficult to remove, turn the dial. The original will scroll out to a position where it can be removed easily.

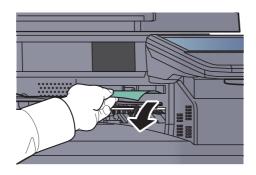
If you are using the document processor (Automatic 2-Sided), go to step 3.



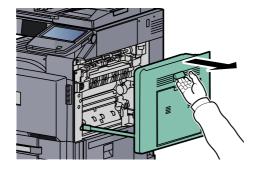
# **Optional Job Separator**

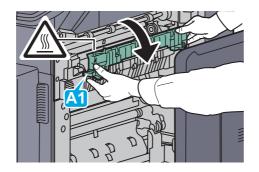
## Inner Job Separator

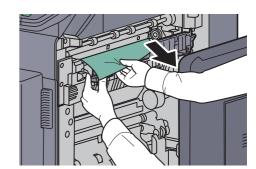
1



2

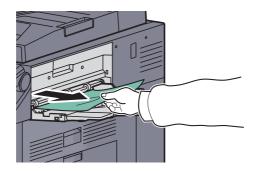




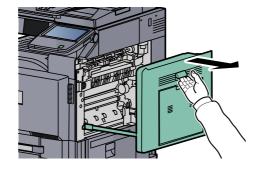


## Right Job Separator

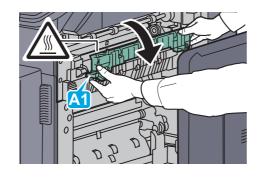
1

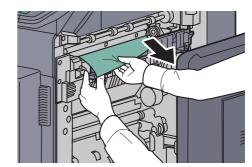


2

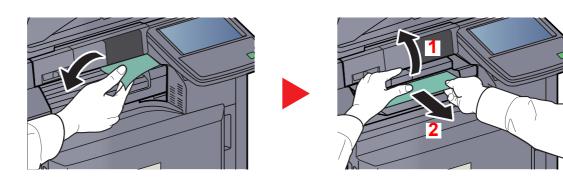


3

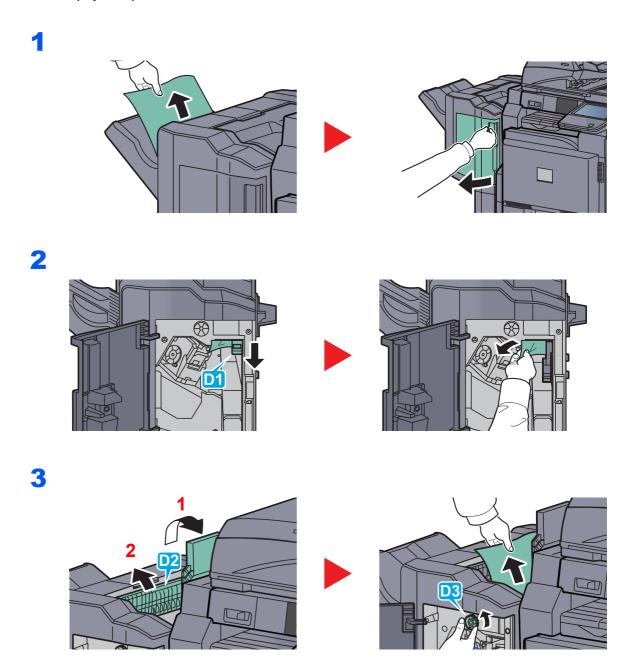




# **Bridge Unit (Option)**



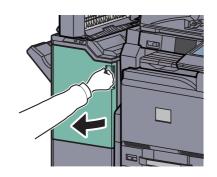
# 1,000-sheet Finisher (Option)



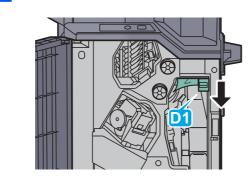
# 4,000-sheet Finisher (Option)

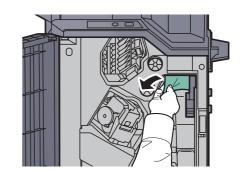
# **Coupling Section**

1



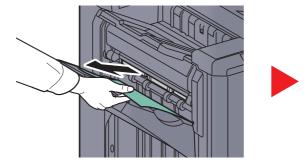
2

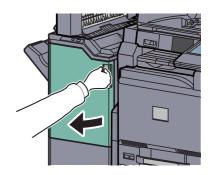


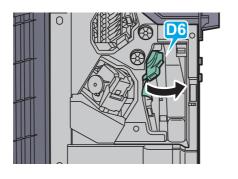


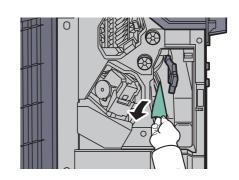
Tray A

1

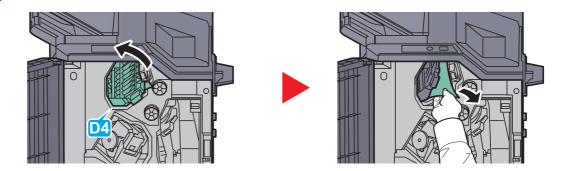






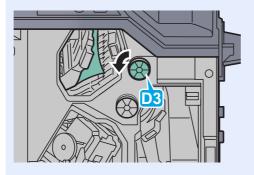


3



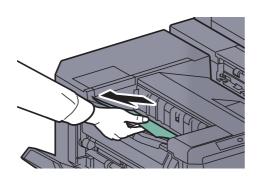
# NOTE

If it is difficult to remove the jammed paper, turn feed knob D3 until the jammed paper is in a location where it is easy to remove.

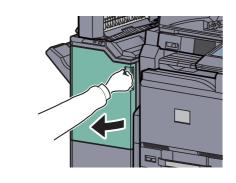


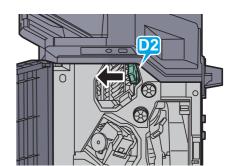
Tray B

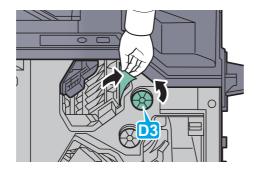




2

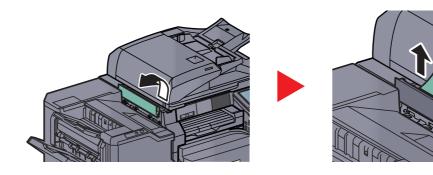






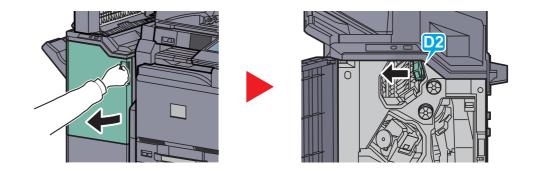
Tray C



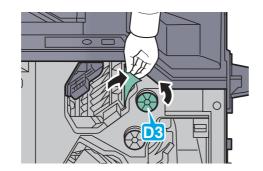


## Conveyor/Inner Tray

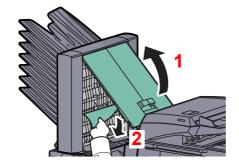
2



3

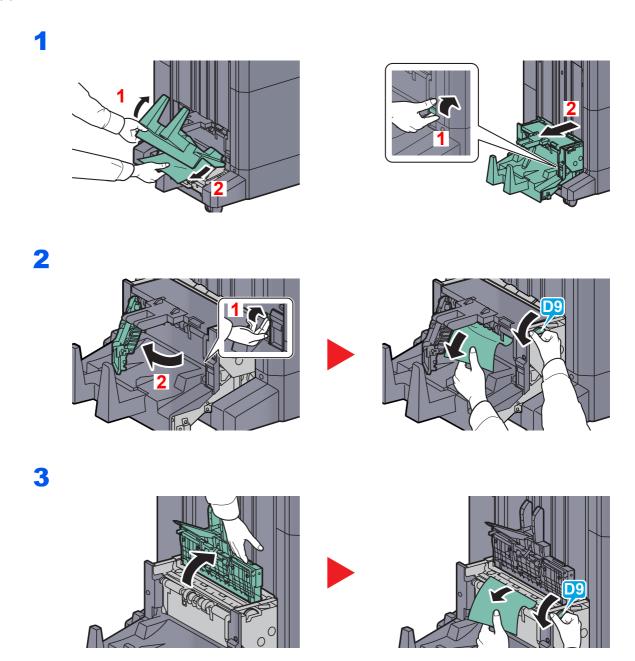


# Mailbox (Option)



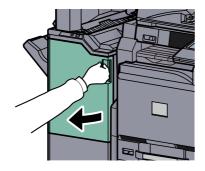
# **Center-Folding Unit (Option)**

# **Ejection Section**

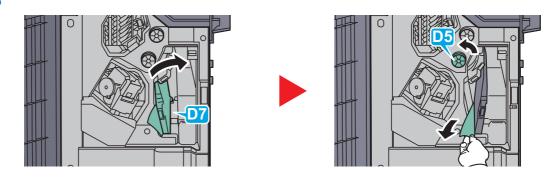


#### **Conveyor Section**

1

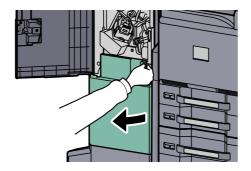


2



If there is no paper jam in the conveyor guide (D7), proceed to the following step.

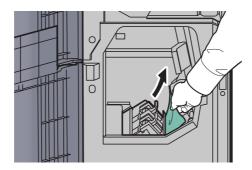
3





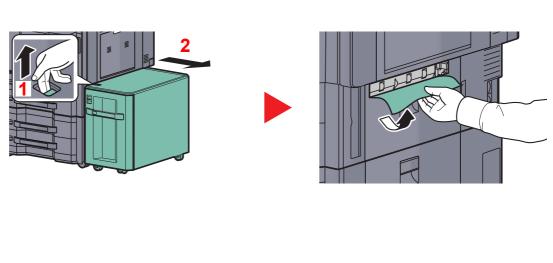


**5** 

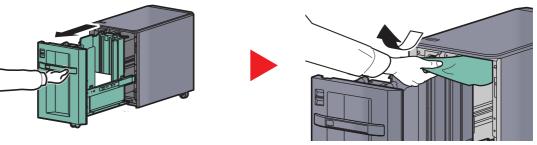


# Cassette 5 (Option)

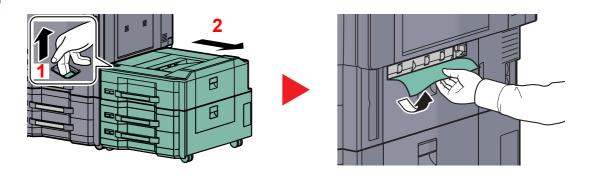
Side Feeder (3,000-sheet)

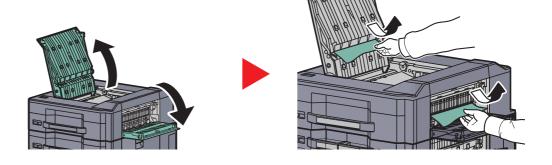






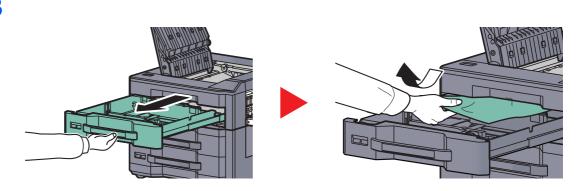
#### Side Feeder (500-sheet x 3) or Large Capacity Side Feeder (500, 1,500-sheet x2)





NOTE

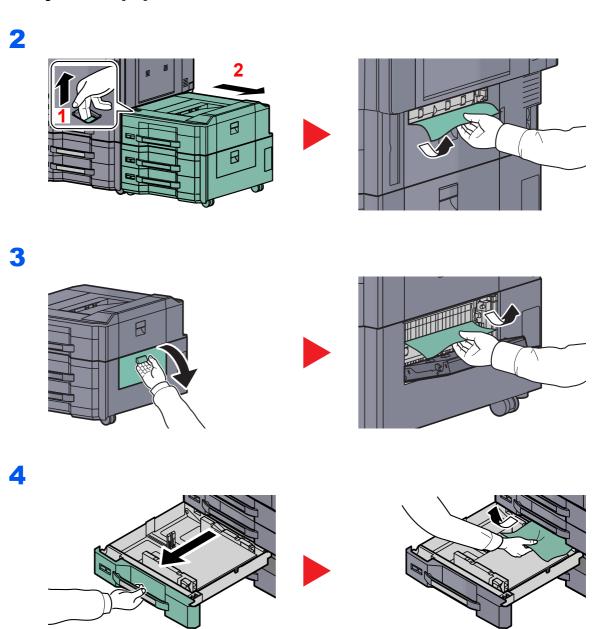
When a paper jam occurs in Cassette 6 or 7, refer to Cassette 6,7 (Option) on page 10-69



#### Cassette 6,7 (Option)

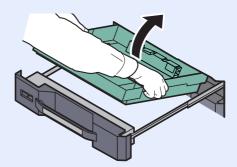
Side Feeder (500-sheet x3)

Referring to Side Feeder (500-sheet x 3) or Large Capacity Side Feeder (500, 1,500-sheet x2) on page 10-68, remove the jammed paper.



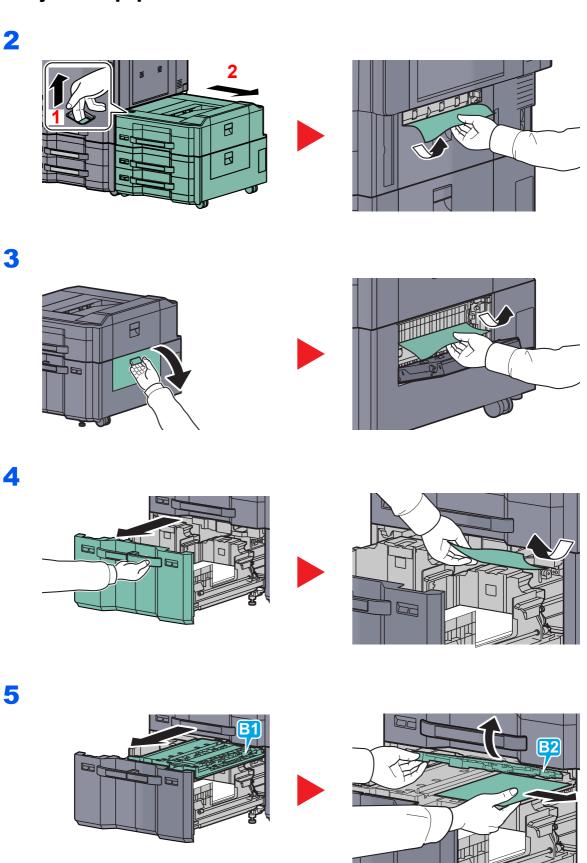


To remove paper which is difficult to get access to, the inner part of the cassette can be removed.



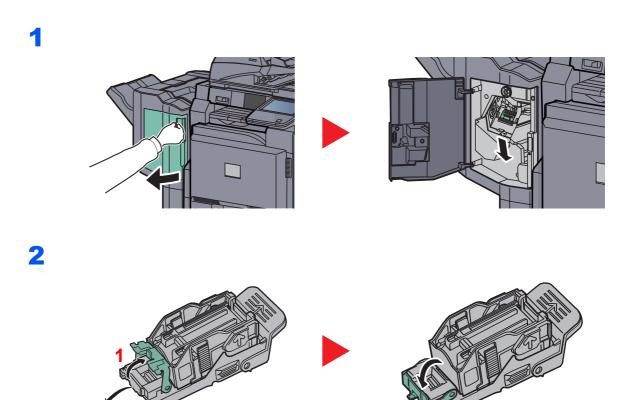
Large Capacity Side Feeder (500, 1,500-sheet x2)

Referring to Side Feeder (500-sheet x 3) or Large Capacity Side Feeder (500, 1,500-sheet x2) on page 10-68, remove the jammed paper.



# **Clearing a Staple Jam**

# 1,000-sheet Finisher

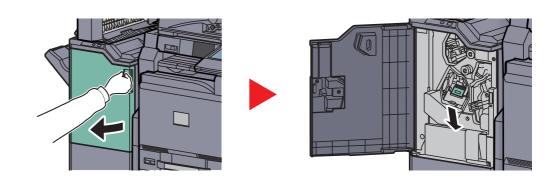




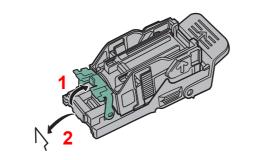
## 4,000-sheet Finisher

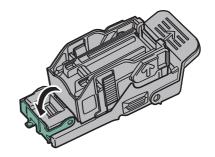
# Staple cartridge holder A

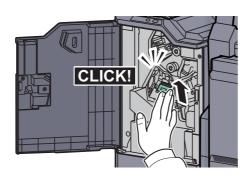






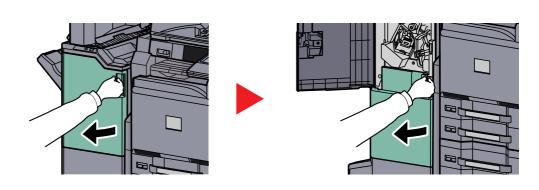




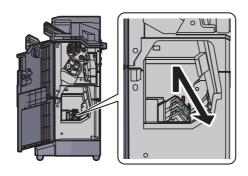


## Staple cartridge holder B/C

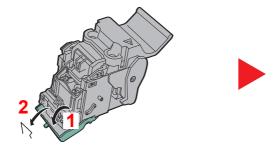


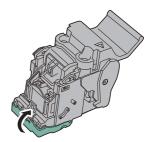


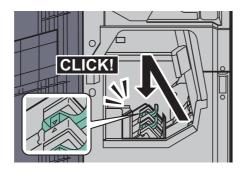
2



3







# 11 Appendix

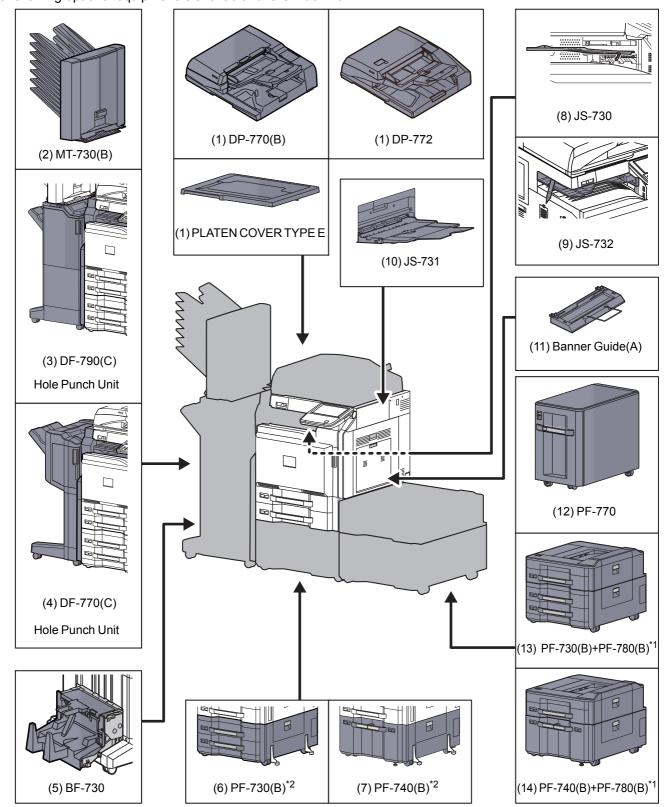
#### This chapter explains the following topics:

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Optional Applications	11-9
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Entry Screens	11-11
Entering Characters	11-13
Paper	
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Printer functions	11-26
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Large Capacity Feeder (1,500-sheet x 2) (Option)	11-29
Side Feeder (500-sheet x 3) (Option)	11-29
Large Capacity Side Feeder (500, 1,500-sheet x 2) (Option)	11-29
Side Feeder (3,000-sheet) (Option)	11-30
1,000-sheet Finisher (Option)	11-30
4,000-sheet Finisher (Option)	11-31
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Mailbox (Option)	11-32
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Inner Job Separator (Option)	11-33
Inner Job Separator (JS-732) (Option)	11-33
Right Job Separator (Option)	11-34
Banner Tray (Option)	11-34
Glossary	11-35

# **Optional Equipment**

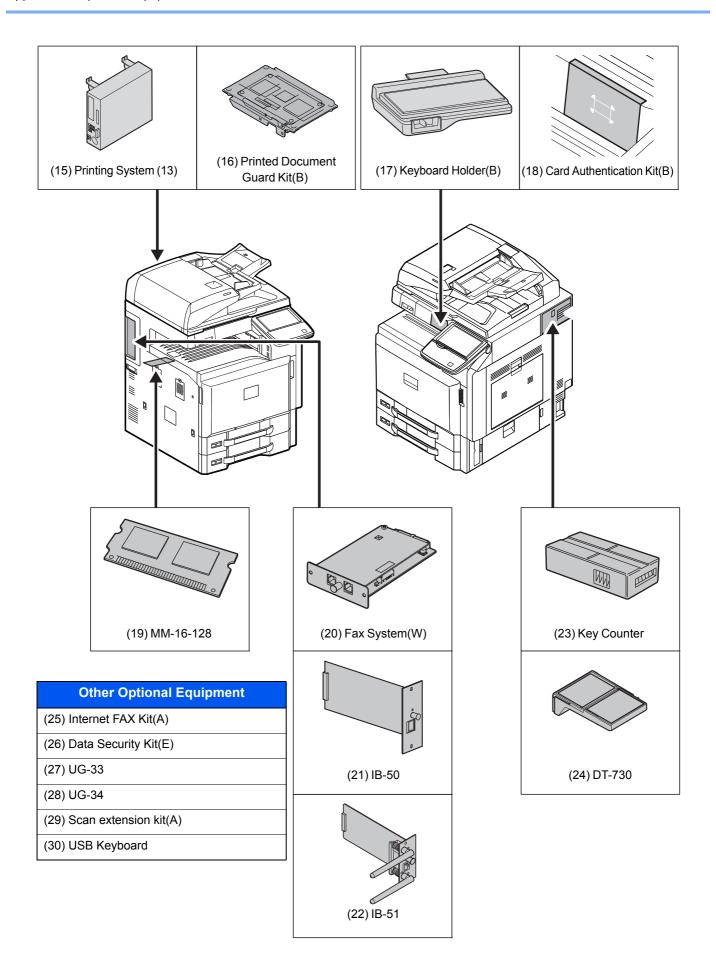
# **Overview of Optional Equipment**

The following optional equipment is available for the machine.



<sup>\*1</sup> The side feeder (500-sheet x 3) or large capacity side feeder (500, 1,500-sheet x 2) can be used on the 4505ci or the 5505ci.

<sup>\*2</sup> If neither a document finisher nor a side feeder is installed on the 3005ci or the 3505ci, the toppling prevention kit must be installed.



### (1) DP-770(B) "Document Processor (Reverse Automatic)" DP-772 "Document Processor (Dual Scan)" **PLATEN COVER TYPE E "Platen"**

Automatically scans originals. Also you can perform duplex copying and split copying. For document processor operation, refer to Loading Originals in the Document Processor on page 5-3. When the document processor is not used, please use the PLATEN COVER TYPE E.

#### (2) MT-730(B) "Mailbox"

Makes it easy to sort output into separate trays. Installing this option adds 7 output trays. When multiple computer users share the printer, each user can print to a specified tray. Installs on the 4,000-sheet Finisher.

#### **NOTE**

To deliver output to the mail box, change the Paper Output selection on the operation panel or in the printer driver, or change in the default settings. (For details, refer to Paper Output on page 6-22.)

#### (3) DF-790(C) "4,000-sheet Finisher"

This is a large-capacity document finisher capable of holding large print runs and of separating and offsetting multiple copies of a printout into individual copies. It can also staple or hole-punch (optional) the offset printouts. User can select manual staple by operation button. A mail box and folding unit are also available as options.

#### (4) DF-770(C) "1,000-sheet Finisher"

This is a document finisher capable of holding large print runs and of separating and offsetting multiple copies of a printout into individual copies. It can also staple or hole-punch (optional) the offset printouts.

#### (5) BF-730 "Folding Unit"

Folds printed output at the center or in tri-fold to enable the creation of simple booklets. Installs on the 4,000-sheet Finisher.

#### (6) PF-730(B) "Paper Feeder (500-sheet x2)"

Two additional cassettes identical to the printer's cassette can be installed in the printer. Paper capacity and loading method are the same as the standard cassettes. Refer to Standard cassettes on page 3-18 for loading paper.

#### (7) PF-740(B) "Large Capacity Feeder (1,500-sheet x 2)"

In addition to the printer's cassettes, you can also install an optional large capacity feeder (1,500-sheet x 2) capable of holding up to 3,000 sheets of A4, B5 or Letter paper. Refer to The Large Capacity Feeder (1,500-sheet x 2) (Option) on page 3-21 for loading paper.

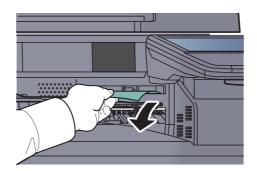
#### (8) JS-730 "Inner Job Separator"

Separate paper according to output tray for easier sorting. Specify as the output tray for copy or print jobs. Or, specify as the default output tray for printing from the copy or Document Box screen, printing from the PC, and printing of the received fax data.

#### **IMPORTANT**

Note that some paper types have a tendency to curl and may jam in the paper eject unit.

If the ejected paper slips or stacks unevenly, turn the paper in the cassette over and try again.



#### NOTE

To ensure that paper is delivered to the Inner Job Separator, select the output destination or change the default setting. (For details, refer to the Paper Output on page 6-22.)

#### (9) JS-732 "Inner Job Separator (JS-732)"

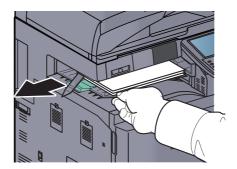
Separate paper according to output tray for easier sorting. Specify as the output tray for copy or print jobs. Or, specify as the default output tray for printing from the copy or Document Box screen, printing from the PC, and printing of the received fax data.



#### **IMPORTANT**

Note that some paper types have a tendency to curl and may jam in the paper eject unit.

If the ejected paper slips or stacks unevenly, turn the paper in the cassette over and try again.



#### ■ NOTE

- To ensure that paper is delivered to the Inner Job Separator (JS-732), select the output destination or change the default setting. (For details, refer to the Paper Output on page 6-22.)
- If the paper is A3, B4, Ledger, or Legal, pull out the auxiliary tray.
- The busy light stays on until the output is removed from the Inner Job Separator (JS-732).

#### (10) JS-731 "Right Job Separator"

Separate paper according to output tray for easier sorting. Specify as the output tray for copy or print jobs. Or, specify as the default output tray for printing from the copy or Document Box screen, printing from the PC, and printing of the received fax data.

#### (11) Banner Guide(A) "Banner Tray"

This tray enables continuous feeding of banner paper. Up to 10 sheets of banner paper can be loaded. To attach the tray and load paper, refer to <u>Using the Banner Tray (Option) on page 4-10</u>.

#### (12) PF-770 "Side Feeder (3,000-sheet)"

In addition to the printer's cassettes, you can also install an optional side feeder (3,000-sheet) capable of holding up to 3,000 sheets of A4, B5 or Letter paper. Refer to Side Feeder (3,000-sheet) (Option) on page 3-25 for loading paper.

#### (13) PF-730(B) + PF-780(B) "Side Feeder (500-sheet x 3)"

Three additional cassettes identical to cassette 1 can be installed in the printer. Paper capacity and loading method are the same as cassette 1.

#### (14) PF-740(B) + PF-780(B) "Large Capacity Side Feeder (500, 1,500-sheet x 2)"

In addition to the printer's cassettes, you can also install the additional cassette identical to cassette 1 and an optional feeder (3,500-sheet) capable of holding up to 3,500 sheets of A4, B5 or Letter paper.

#### (15) Printing System (13) "Fiery Controller"

When the Fiery Controller is installed, the regular print function of a machine can be replaced with the print function of the Fiery Controller. The Fiery Controller print functions enable a variety of printing features that are not possible on a regular machine, such as advanced color management that reproduces the true color of the image by reading each machine's color display method and characteristics at the time of printing.

#### (16) Printed Document Guard Kit(B) "Printed Document Guard Kit"

This prevents the unauthorized copying and/or transmission of documents that contain important confidential or personal information. When a document is printed from a computer, this feature imprints a special pattern on the document. When anyone attempts to copy or send that document on this machine, the machine detects the pattern and protects the information by printing the document in blank and prohibiting transmission.

#### (17) Keyboard Holder(B) "Keyboard Holder"

A USB keyboard connected to the machine can be placed here.

#### (18) Card Authentication Kit(B) "Card Authentication Kit"

User login administration can be performed using ID cards. To do so, it is necessary to register ID card information on the previously registered local user list. For more information about how to register this information, refer to the **Card Authentication Kit(B) Operation Guide**.

#### (19) MM-16-128 "FAX Expansion Memory"

Image storage memory (128 MB) that allows the machine to receive more pages of incoming faxed originals. Expansion memory should only be installed or removed by the service representative.

#### (20) Fax System(W) "FAX Kit"

By installing the FAX kit, fax send/receive is enabled. Also, it is possible to use it as a network fax, by using it with a computer. When two FAX kits are installed, the units can be connected to two different telephone lines which will enable quicker message transmission to a number of recipients. If one of the lines is dedicated to receiving, the busy line time can be reduced. For further details, refer to FAX Operation Guide.

#### (21) IB-50 "Network Interface Kit"

The Network Interface Kit provides a high-speed connection for the Gigabit-per-second interface. Since the kit was designed to work with TCP/IP, NetWare, NetBEUI, and AppleTalk protocols, it fulfills the network printing demands on Windows, Macintosh, and UNIX environments. This expansion kit is also compatible with ThinPrint.

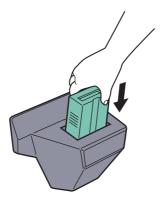
#### (22) IB-51 "Wireless Network Interface Kit"

This is a wireless LAN interface card which supports the wireless LAN specifications IEEE802.11n (Max 300 Mbps) and 11 g/b. With the utilities supplied, settings are possible for a variety of OS and network protocols.

#### (23) Key Counter "Key Counter"

Use the key counter to monitor machine usage. The key counter offers a convenient solution for centralized management of copy volume for different departments in a large company.

#### Inserting the Key Counter



Insert the key counter securely into the key counter slot.



#### NOTE

When the key counter function is activated, copies can only be made when a key counter is inserted. If the key counter is not inserted. "Insert key counter", will be displayed.

#### (24) DT-730 "Document Table"

Place original or other documents when using the machine. It has a drawer to accommodate clips.

#### (25) Internet FAX Kit(A) "Internet FAX Kit"

Activating the Internet FAX Kit sends and receives faxes via the Internet without using a phone line. It can only be added when the FAX Kit is installed.

#### (26) Data Security Kit(E) "Data Security Kit"

The Data Security Kit overwrites all unnecessary data in the storage area of the hard disk so that it cannot be retrieved. The Data Security Kit encrypts data before storing it in the hard disk. It guarantees higher security because no data cannot be decoded by ordinary output or operations.

#### (27) UG-33 "ThinPrint Option"

This application allows print data to be printed directly without a print driver.

#### (28) UG-34 "Emulation Upgrade Kit"

Enables emulation whereby the machine operates using commands for other printers. Installing this option enables IBM Proprinter, Line Printer, and EPSON LQ-850 emulation.

#### (29) Scan extension kit(A) "OCR Scan Activation Kit"

This option enables the use of the OCR function in the applications of the machine.

#### (30) USB Keyboard "USB Keyboard"

A USB keyboard can be used to enter information into the text fields on the operation panel. A special mount is also available to install the keyboard on the MFP. Please contact your dealer or service representative for information on keyboards that are compatible with your MFP before you purchase one.

# **Optional Applications**

#### **Overview of the Applications**

The applications listed below are installed on this machine.

Application		
Data Security Kit		
Internet FAX Kit		
Card Authentication Kit		
ThinPrint Option*		
Emulation Upgrade Kit		
OCR Scan Activation Kit*		

This can be used on a trial basis for a limited time.



#### **NOTE**

Restrictions such as the number of times the application can be used during the trial period differ depending on the application.

If you change the date/time while using the trial version of an application, you will no longer be able to use the application.

#### **Starting Application Use**

Use the procedure below to start using an application.

1 Press the [System Menu] key.

## System Menu



2 Press [System/Network], [Next] of "Optional Function".



#### NOTE

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

3 Select the desired application and press [Activate].

You can view detailed information on the selected application by pressing [Detail].

4 Press [Official] in the license key entry screen.

Some applications do not require you to enter a license key. If the license key entry screen does not appear, go to Step 5.

To use the application as a trial, press [Trial] without entering the license key.

5 Press [Yes] in the confirmation screen.



#### NOTE

Icons of activated application are displayed in the Home screen.

#### **Checking Details of Application**

Use the procedure below to check the details of application.

1 Press the [System Menu] key.

### System Menu



2 Press [System/Network], and [Next] of "Optional Function".



#### NOTE

If the user authentication screen appears, enter your login user name and login password and press [Login]. For this, you need to login with administrator privileges. The factory default login user name and login password are set as shown below.

Model Name	Login User Name	Login Password
3005ci	3000	3000
3505ci	3500	3500
4505ci	4500	4500
5505ci	5500	5500

3 Select the desired application and press [Detail].

You can view detailed information on the selected application.

# **Character Entry Method**

To enter characters for a name, use the on-display keyboard in the touch panel following the steps as explained below.

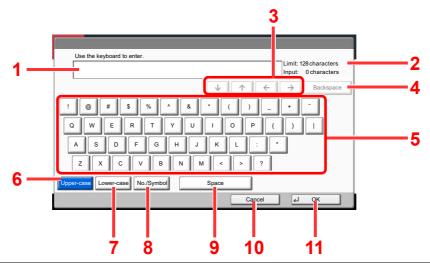


#### **Keyboard Layout**

"QWERTY", "QWERTZ" and "AZERTY" are available as keyboard layouts the same as a PC keyboard. Press the [System Menu] key, [Common Settings] and then [Change] of "Keyboard Layout" to choose the desired layout. "QWERTY" layout is used here as an example. You may use another layout following the same steps.

# **Entry Screens**

#### **Lower-case Letter Entry Screen**

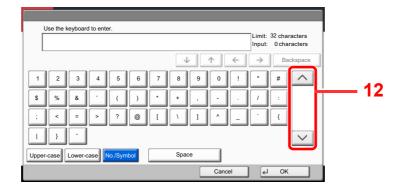


No.	Display/Key	Description
1	Display	Displays entered characters.
2	Limit Display	Displays maximum number of characters.
3	Cursor Key	Press to move the cursor on the display.
4	[Backspace]	Press to delete a character to the left of the cursor.
5	Keyboard	Press a character to enter.
6	[Upper-case]	Press to use upper-case letters.
7	[Lower-case]	Press to use lower-case letters.
8	[No./Symbol]	Press to enter numbers and symbols.
9	[Space]	Press to insert a space.
10	[Cancel]	Press to cancel entered characters and return to the screen before the entry.
11	[OK]	Press to finalize entry and return to the screen before the entry.

## **Upper-case Letter Entry Screen**



## **Number/Symbol Entry Screen**

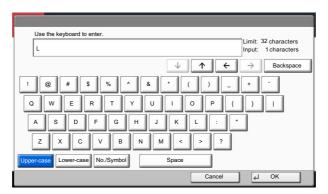


No.	Display/Key	Description
12	[^]/[~]	To enter a number or symbol not shown in the keyboard, press the cursor key and scroll the screen to view other numbers or symbols to enter.

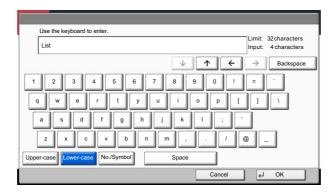
# **Entering Characters**

Follow the steps shown below to enter "List A-1" for example.

- 1 Press [Upper-case].
- 2 Press [L]. The letter "L" is shown on the display.



- 3 Press [Lower-case].
- 4 Press [i], [s], [t] and [Space].



- 5 Press [Upper-case].
- 6 Press [A].
- 7 Press [No./Symbol].
- 8 Press [∧] or [√] repeatedly to view the keyboard containing [-] and [1].
- 9 Press [-] and [1].



**10** Check that the entry is correct. Press [OK].

# **Paper**

This section explains the paper sizes and types that can be used in the paper source.



For details on the sizes, types, and number of sheets of paper that can be loaded in each paper tray, refer to Specifications on page 11-23.

## **Basic Paper Specifications**

This machine is designed to print on standard copy paper as used in regular ('dry') copiers and page printers such as laser printers. It also supports a variety of other types of paper that conform to the specifications given in this appendix.

Be careful when choosing paper. Paper unsuitable for the machine may cause jams or may be wrinkled.

#### Supported Paper

Use standard copy paper for regular copiers or laser printers. The printing quality will be affected by the quality of paper. Poor quality paper may result in unsatisfactory output.

#### **Basic Paper Specifications**

The following table lists the specifications of paper that is supported with this machine. Refer to the subsequent sections for further details.

Criteria	Specifications	
Weight	Cassettes: 60 to 220 g/m² (3005ci/3505ci) 60 to 256 g/m² (4505ci/5505ci)  Multi purpose tray: 60 to 300 g/m²	
Dimensional accuracy	±0.7 mm	
Squareness of corners	90° ±0.2°	
Moisture content	4 to 6%	
Pulp content	80% or more	



#### **NOTE**

Some recycled paper does not meet requirements for use with this machine as listed in the Basic Paper Specifications shown below, such as moisture or pulp content. For this reason, we recommend purchasing a small amount of recycled paper as a sample for testing prior to use. Choose recycled paper that gives the best printing results and contains low levels of paper dust.

We are not responsible for the problems occurred from the use of paper that does not conform to our specifications.

# **Choosing the Appropriate Paper**

This section describes guidelines for choosing paper.

#### Condition

Avoid using paper with bent corners or that is curled, dirty, or torn. Do not use paper that has a rough surface or paper fiber lint, or that is especially delicate. Use of paper in any of these conditions will not only deliver poor copies but may also cause jams and shorten the useful life of the machine. Choose paper with a smooth and even surface; however, avoid coated paper or paper with a treated surface as it may damage the drum or fusing unit.

#### Ingredients

Do not use paper such as paper that has been coated or surface-treated or paper that contains plastic or carbon. Those types of paper may produce harmful fumes from the heat of printing and may damage the drum.

Be sure to use the standard paper that contains at least 80% pulp, i.e., not more than 20% of the total paper content consists of cotton or other fibers.

#### **Supported Paper Sizes**

Paper of the following sizes is supported by the machine.

Measurements in the table take into account a  $\pm 0.7$  mm dimensional accuracy for length and width. Corner angles must be  $90^{\circ} \pm 0.2^{\circ}$ .

Multi Purpose Tray	Cassette or Multi Purpose Tray
A6-R (105 × 148 mm)	A3 (297 × 420 mm)
B6-R (128 × 182 mm)	B4 (257 × 364 mm)
Hagaki (100×148 mm)	A4 (297 × 210 mm)
Oufuku hagaki (148 × 200 mm)	A4-R (210 × 297 mm)
Executive (7 1/4 × 10 1/2")	B5 (257 × 182 mm)
Envelope DL (110 × 220 mm)	B5-R (182 × 257 mm)
Envelope C5 (162 × 229 mm)	A5-R (148 × 210 mm)
Envelope C4 (229 × 324 mm)	Folio (210 × 330 mm)
ISO B5 (176 × 250 mm)	Ledger
Envelope #10 (Commercial #10) (4 1/8 × 9 1/2")	Legal
Envelope #9 (Commercial #9) (3 7/8 × 8 7/8")	Letter
Envelope #6 (Commercial #6 3/4) (3 5/8 × 6 1/2")	Letter-R
Envelope Monarch (3 7/8 × 7 1/2")	Statement-R
Youkei 2 (114 × 162 mm)	Oficio II
Youkei 4 (105 × 235 mm)	12 × 18"
Size Entry (98 × 148 to 297 × 432 mm)	8K (273 × 394 mm)
	16K (273 × 197 mm)
	16K-R (197 × 273 mm)
	216 × 340 mm
	Size Entry (140 × 182 to 304 × 457 mm)

#### **Smoothness**

The paper surface should be smooth, but it must be uncoated. With paper that is too smooth and slippery, several sheets may accidentally be supplied at once, causing jams.

#### **Basis Weight**

In countries that use the metric system, basis weight is the weight in grams of one sheet of paper one square meter in area. In the United States, basis weight is the weight in pounds of one ream (500 sheets) of paper cut to the standard size (or trade size) for a specific grade of paper. Paper that is too heavy or too light may be supplied incorrectly or cause paper jams, which may cause excessive wear of the machine. Mixed paper weight (i.e., thickness) may cause several sheets to be supplied at once accidentally and may also cause blurring or other printing problems if the toner fails to adhere correctly.

#### **Moisture Content**

Paper moisture content is the ratio of moisture to dryness expressed as a percentage. Moisture affects how the paper is supplied, the electrostatic chargeability of the paper, and how the toner adheres.

Paper moisture content varies depending on the relative humidity in the room. High relative humidity causes paper to become damp, making the edges expand so it appears wavy. Low relative humidity causes paper to lose moisture, making the edges tighten and weakening print contrast.

Wavy or tight edges may cause the paper to slip when it is supplied. Try to keep the moisture content between 4 to 6%.

To maintain the right level of moisture content, bear in mind the following considerations.

- Store paper in a cool, well-ventilated place.
- Store paper flat and unopened in the package. Once the package is opened, reseal it if the paper is not to be used for a while.
- Store paper sealed in the original package and box. Put a pallet under the carton to keep it raised above the floor. Especially during rainy seasons keep the paper a sufficient distance away from wooden or concrete floors.
- Before using paper that has been stored, keep it at the proper moisture level for at least 48 hours.
- Do not store paper where it is exposed to heat, sunlight, or dampness.

#### Other Paper Specifications

Porosity: The density of the paper fibers

Stiffness: Paper must be stiff enough or it may buckle in the machine, causing jams.

**Curl**: Most paper naturally tends to curl after the package is opened. When paper passes through the fixing unit, it curls upward slightly. To deliver flat printouts, load the paper so that the curl faces towards the bottom of the paper tray.

**Static electricity**: During printing, paper is electrostatically charged so that the toner adheres. Choose paper that can be discharged quickly so that copies do not cling together.

Whiteness: Paper whiteness affects print contrast. Use whiter paper for sharper, brighter copies.

**Quality**: Machine problems may occur if sheet sizes are not uniform or if corners are not square, edges are rough, sheets are uncut, or edges or corners are crushed. In order to prevent these problems, be especially careful when you cut the paper yourself.

**Packaging**: Choose paper that is properly packaged and stacked in boxes. Ideally, the packaging itself should have been treated with a coating to inhibit moisture.

**Specially treated paper**: We do not recommend printing onto the following types of paper, even if it conforms to the basic specifications. When you use these kinds of paper, purchase a small amount first as a sample to test.

- · Glossy paper
- Watermarked paper
- · Paper with an uneven surface
- · Perforated paper

# **Special Paper**

This section describes printing onto special paper and print media.

The following paper and media can be used.

- Transparencies
- · Preprinted paper
- · Bond paper
- · Recycled paper
- Thin paper (from 60 g/m<sup>2</sup> to 64 g/m<sup>2</sup> or less)
- · Letterhead
- · Colored paper
- · Prepunched paper
- Envelopes
- Cardstocks (Hagaki)
- Thick paper (from 106 g/m<sup>2</sup> to 300 g/m<sup>2</sup> or less)
- · Labels
- · Coated paper
- · High-quality paper
- · Index Tab Dividers

When using these paper and media, choose those that are designed specifically for copiers or page printers (such as laser printers). Use the multi purpose tray for transparencies, thick paper, envelopes, cardstocks, and label paper.

### **Choosing Special Paper**

Although special paper that meets the following requirements can be used with the machine, print quality will vary considerably due to differences in the construction and quality of special paper. Thus, special paper is more likely than regular paper to cause printing problems. Before purchasing special paper in volume, try testing a sample to ensure the print quality is satisfactory. General precautions when printing onto special paper are given below. Note that we are not responsible for any harm to the user or damage to the machine caused by moisture or specifications of special paper.

Select a cassette or multi purpose tray for special paper.

### **Transparencies**

Transparencies must be able to withstand the heat of printing. Transparencies must meet the following conditions.

Heat resistance	Must withstand at least 190°C
Thickness	0.100 to 0.110 mm
Material	Polyester
Dimensional accuracy	±0.7 mm
Squareness of corners	90° ±0.2°

To avoid problems, use the multi purpose tray for transparencies and load transparencies with the long side facing the machine.

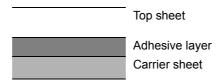
If transparencies jam frequently at output, try pulling the leading edge of sheets gently as they are ejected.

#### Label

Be sure to feed labels from the multi purpose tray.

For selecting labels, use extreme care so that the adhesive may not come in direct contact with any part of the machine and that the labels are not easily peeled from the carrier sheet. Adhesives that stick to the drum or rollers and peeled labels remaining in the machine may cause a failure.

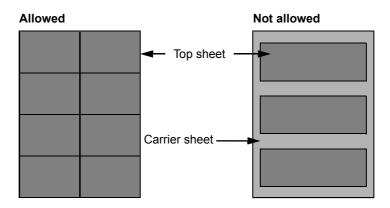
When printing onto labels, you must be liable for the print quality and possible trouble.



Labels consist of three layers as shown in the illustration. The adhesive layer contains materials that are easily affected by the force applied in the machine. The carrier sheet bears the top sheet until the label is used. This composition of labels may cause more problems.

The label surface must be covered completely with the top sheet. Gaps between labels may cause peeling of labels, resulting in a serious failure.

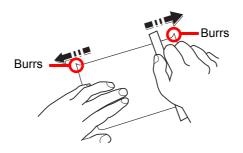
Some label paper has large margins on the top sheet. When using such paper, do not peel these margins from the carrier sheet before completing output.



Use label paper that conforms to the following specifications.

Top sheet weight	44 to 74 g/m²
Basis weight (overall paper weight)	104 to 151 g/m²
Top sheet thickness	0.086 to 0.107 mm
Overall paper thickness	0.115 to 0.145 mm
Moisture content	4 to 6 % (composite)

### Hagaki



Before loading Hagaki into the multi purpose tray, fan them and align the edges. If the Hagaki paper is curled, straighten it before loading. Printing onto curled Hagaki may cause jams.

Use unfolded Oufuku hagaki (available at post offices). Some Hagaki may still have rough edges developed by a paper cutter on the back side. Remove any such rough edges by placing the Hagaki on a flat surface and rubbing the edges gently a few times with a ruler.

### **Envelopes**

Use the multi purpose tray for envelopes.

Due to the structure of envelopes, printing evenly over the entire surface may not be possible in some cases. Thin envelopes in particular may be wrinkled by the machine in some cases as they pass through. Before purchasing envelopes in volume, try testing a sample to ensure the print quality.

Storing envelopes for a long period may cause them to become wrinkled. Thus, keep the package sealed until you are ready to use them.

Keep the following points in mind.

- Do not use envelopes with exposed adhesive. In addition, do not use the type of envelope in which the adhesive is exposed after the top layer is peeled off. Serious damage may be caused if the paper covering the adhesive comes off in the machine.
- Do not use envelopes with certain special features. For example, do not use envelopes with a grommet for winding a string to close the flap or envelopes with an open or film-covered window.
- If paper jams occur, load fewer envelopes at once.
- To prevent paper jams when printing onto multiple envelopes, do not allow more than ten envelopes to remain in the Inner tray at once.

### **Thick Paper**

Before loading thick paper in the multi purpose tray, fan it and align the edges. Some thick paper may still have rough edges developed by a paper cutter on the back side. Remove any such rough edges just as with Hagaki by placing the paper on a flat surface and rubbing the edges gently a few times with a ruler. Printing onto paper with rough edges may cause jams.



#### NOTE

If the paper is not supplied correctly even after it is smoothed, load the paper in the multi purpose tray with the leading edge raised a few millimeters.

### **Colored Paper**

Colored paper must conform to the specifications listed on page 11-14. In addition, the pigments in the paper must be able to withstand the heat of printing (up to 200°C or 392°F).

#### **Preprinted Paper**

Preprinted paper must conform to the specifications listed on page 11-14. The colored ink must be able to withstand the heat of printing. It must be resistant to silicone oil as well. Do not use paper with a treated surface such as glossy paper used for calendars.

### **Recycled Paper**

Recycled paper must conform to the specifications listed on page 11-14; however, its whiteness may be considered separately.



#### **NOTE**

Before purchasing recycled paper in volume, try testing a sample to ensure satisfactory print quality.

#### **Coated Paper**

Coated paper is created by treating the surface of the base paper with a coating that provides higher printing quality than plain paper. Coated paper is used for particularly high quality printing.

The surface of high-quality or medium-quality paper is coated with special agents that improve ink adhesion by making the paper surface smoother. These agents are used either to coat both sides of the paper or just one side. The coated side appears slightly glossy.



#### **IMPORTANT**

When printing on coated paper in very humid environments, ensure that the paper is kept dry as moisture may cause sheets to stick together when they are fed into the machine. If printing in very humid environments, set coated paper for one sheet each.

# **Specifications**



### **IMPORTANT**

Specifications are subject to change without notice.



For more information on using the FAX, refer to the  ${\bf FAX}$   ${\bf Operation}$   ${\bf Guide}$ .

## **Common functions**

Ite	em	Description
Туре		Desktop
Printing Method		Electrophotography by semiconductor laser, tandem drum system
Paper Weight Cassette 1, 2		3005ci, 3505ci: 60 to 220 g/m <sup>2</sup> 4505ci, 5505ci: 60 to 256 g/m <sup>2</sup>
	Multi Purpose Tray	60 to 300 g/m <sup>2</sup>
Paper Type	Cassette 1, 2	Plain, Rough, Vellum, Recycled, Preprinted, Bond, Color (Colour), Prepunched, Letterhead, Thick, High Quality, Custom 1 to 8 (Duplex: Same as Simplex)
	Multi Purpose Tray	Plain, Transparency (OHP film), Rough, Vellum, Labels, Recycled, Preprinted, Bond, Cardstock, Color (Colour), Prepunched, Letterhead, Thick, Coated, Envelope, High Quality, Index Tab Dividers, Custom 1 to 8
Paper Size	Cassette 1, 2	A3, B4, A4, A4-R, B5, B5-R, A5-R, Ledger, Legal, Oficio II, 12 × 18", Letter-R, Letter, Statement-R, Folio, 8K, 16K, 16K-R, 216 × 340 mm, Size Entry (Metric: X; 182 to 457 mm (in 1 mm increments), Y; 140 to 304 mm (in 1 mm increments), Inch: X; 7.17 to 18.00" (in 0.01" increments), Y; 5.51 to 12.00" (in 0.01" increments))
	Multi Purpose Tray	A3, B4, A4, A4-R, B5, B5 (ISO), B5-R, A5-R, B6-R, A6-R, Oufuku hagaki, Hagaki, Envelope DL, Envelope C5, Envelope C4, Envelope #10 (Commercial #10), Envelope #9 (Commercial #9), Envelope #6 (Commercial #6 3/4), Envelope Monarch, Youkei 2, Youkei 4, Ledger, Legal, Oficio II, 12 × 18", Letter, Letter-R, Statement-R, Executive, Folio, 216 × 340 mm, 8K, 16K, 16K-R, Custom (98 × 148 mm to 304.8 × 1,220.0 mm)
Warm-up Time (22°C/71.6°F, 60%)	Power on	3005ci: 25 seconds or less 3505ci: 25 seconds or less 4505ci: 30 seconds or less 5505ci: 30 seconds or less
	Low Power	3005ci: 15 seconds or less 3505ci: 15 seconds or less 4505ci: 20 seconds or less 5505ci: 20 seconds or less
	Sleep	3005ci: 20 seconds or less 3505ci: 20 seconds or less 4505ci: 28 seconds or less 5505ci: 30 seconds or less

Item		Description	
Paper Capacity Cassette 1		500 sheets (80 g/m²)	
	Cassette 2	500 sheets (80 g/m²)	
	Multi Purpose Tray	A4/Letter or less 150 sheets (80 g/m²) More than A4/Letter 50 sheets (80 g/m²)	
Output Tray Capacity	Inner tray	250 sheets (80 g/m²) (When the inner job separator (JS-732) is installed, 180 sheets.)	
	with optional inner job separator	30 sheets (80 g/m <sup>2</sup> )	
	with optional inner job separator (JS-732)	100 sheets (80 g/m <sup>2</sup> )	
	with optional right job separator	70 sheets (80 g/m²)	
Image Write Syste	em	Semiconductor laser and electrophotography	
Memory		3.5GB (When the Document Processor (DP-772) is installed, 4GB.)	
Hard Disk		160GB or more	
Interface Standard  Option		USB Interface Connector: 1 (USB Hi-Speed) Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T) USBPort: 2 (Hi-Speed USB)	
		Fax: 2 Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T) A maximum of two interface options can be installed. Only one network interface can be installed. When a network interface is installed, only one fax line can be installed.	
Operating	Temperature	10 to 32.5°C/50 to 90.5°F	
Environment	Humidity	15 to 80 %	
	Altitude	2,500 m/8,202 ft maximum	
	Brightness	1,500 lux maximum	
Dimension (W × D (Main unit only)	) × H)	25 33/64 × 30 3/16 ×29 13/32" 648 × 767 × 747 mm	
Weight		251.3 lb/114 kg	
Space Required (W x D)		38 29/64 × 30 3/16"	
(Using multi purpose tray)		977 × 767 mm	
Power Source		120 V Specification Model: 120 V AC 60 Hz 12.0 A 230 V Specification Model: 220 to 240 V AC 50/60 Hz 7.2 A	
Options		Refer to Optional Equipment on page 11-2.	

# **Copy functions**

Item		Description		
Copy Speed			Black and White	Full color
	)05ci	A4/Letter	30 sheets/min	30 sheets/min
		A4-R/LetterR	21 sheets/min	21 sheets/min
		A3/Ledger	15 sheets/min	15 sheets/min
		B4/Legal	18 sheets/min	18 sheets/min
		B5	30 sheets/min	30 sheets/min
		B5R	21 sheets/min	21 sheets/min
		A5R	15 sheets/min	15 sheets/min
35	505ci	A4/Letter	35 sheets/min	35 sheets/min
		A4-R/LetterR	24 sheets/min	24 sheets/min
		A3/Ledger	17 sheets/min	17 sheets/min
		B4/Legal	21 sheets/min	21 sheets/min
		B5	35 sheets/min	35 sheets/min
		B5R	24 sheets/min	24 sheets/min
		A5R	17 sheets/min	17 sheets/min
45	505ci	A4/Letter	45 sheets/min	45 sheets/min
		A4-R/LetterR	24 sheets/min	24 sheets/min
		A3/Ledger	22 sheets/min	22 sheets/min
		B4	27 sheets/min	27 sheets/min
		Legal	21 sheets/min	21 sheets/min
		B5	45 sheets/min	45 sheets/min
		B5R	24 sheets/min	24 sheets/min
		A5R	24 sheets/min	24 sheets/min
55	505ci	A4/Letter	55 sheets/min	50 sheets/min
		A4-R/LetterR	24 sheets/min	24 sheets/min
		A3/Ledger	27 sheets/min	25 sheets/min
		B4	33 sheets/min	30 sheets/min
		Legal	21 sheets/min	21 sheets/min
		B5	55 sheets/min	50 sheets/min
		B5R	24 sheets/min	24 sheets/min
		A5R	24 sheets/min	24 sheets/min
First Copy Time BI	lack and	3005ci: 5.5 seco	onds or less	
, ,	hite //	3505ci: 4.8 seco	onds or less	
Cassette)		4505ci: 3.8 seco	onds or less	
		5505ci: 3.3 seco	onds or less	
Fı	ull color	3005ci: 7.4 seco	ands or less	
	an 00101	3505ci: 6.4 seco		
		4505ci: 5.0 seco		
		5505ci: 4.6 seco		
Zoom Level		Manual mode: 25 to 400%, 1% increments		
		Auto mode: Preset Zoom		
Continuous Copying		1 to 999 sheets		
Resolution		600 × 600 dpi		
Supported Original T	Гуреѕ	Sheet, Book, 3-dimensional objects (maximum original size: Ledger/A3)		
Original Feed System	n	Fixed		

# **Printer functions**

Item		Description		
Printing Speed			Black and White	Full color
	3005ci	A4/Letter	30 sheets/min	30 sheets/min
		A3/Ledger	15 sheets/min	15 sheets/min
	3505ci	A4/Letter	35 sheets/min	35 sheets/min
		A3/Ledger	17 sheets/min	17 sheets/min
	4505ci	A4/Letter	45 sheets/min	45 sheets/min
		A3/Ledger	22 sheets/min	22 sheets/min
	5505ci	A4/Letter	55 sheets/min	50 sheets/min
		A3/Ledger	27 sheets/min	25 sheets/min
First Print Time (A4, feed from Cassette)	Black and White	3005ci: 7.3 seconds or less 3505ci: 6.2 seconds or less 4505ci: 5.4 seconds or less 5505ci: 4.9 seconds or less 3005ci: 9.5 seconds or less 3505ci: 8.0 seconds or less 4505ci: 6.6 seconds or less 5505ci: 6.2 seconds or less		
Resolution		600 × 600 dpi		
Operating System		Windows XP, Windows Server 2003, Windows Vista, Windows 7, Windows 8, Windows Server 2008, Windows Server 2012, Mac OS 10.x		
Interface	Standard	USB Interface Connector: 1 (USB Hi-Speed) Network interface: 1 (10 BASE-T/100 BASE-TX/1000 BASE-T) Optional Interface (Option): 1 (For IB-50/IB-51 mounting)		
Page Description	Language	PRESCRIBE		
Emulations		PCL6 (PCL5c, PCL-XL), KPDL3 (PostScript3 compatible)		

### **Scanner functions**

Item			Description
System requirements	CPU: Celeron 266 MHz or higher RAM: 300 MB or more		
Resolution	600 dpi, 400 dpi, 300 (Resolution in FAX mo		200 ×100 dpi, 200 × 400 dpi )
File Format	PDF (high compressiv	ve, encrypte	d, PDF/A), JPEG, TIFF, XPS
Scanning Speed*1	3005ci 3505ci 4505ci 5505ci	1-sided 2-sided	B/W 70 Images/min Color 70 Images/min B/W 100 Images/min Color 100 Images/min ape, 300 dpi, Image quality: Text/Photo original)  B/W 80 Images/min Color 80 Images/min B/W 160 Images/min Color 160 Images/min ape, 300 dpi, Image quality: Text/Photo original)
Interface	Ethernet (10 BASE-T/100 BASE-TX/1000 BASE-T)		
Network Protocol	TCP/IP		
Transmission System	SMB, SMTP, FTP, FTP over SSL, USB, TWAIN*2, WIA*3, WSD		

<sup>\*1</sup> When using the dual scan document processor (except TWAIN and WIA scanning)

<sup>\*2</sup> Available Operating System : Windows XP, Windows Server 2003, Windows Vista, Windows Server 2008, Windows 7, Windows Server 2012

<sup>\*3</sup> Available Operating System : Windows Vista, Windows Server 2003, Windows Server 2008, Windows Server 2012

# **Document Processor (Option)**

	Description			
Item	Document Processor	Document Processor (Dual scan DP)		
Original Feed Method	Automatic feed			
Supported Original Types	Sheet originals			
Paper Size	Maximum: Ledger/A3	Maximum: Ledger/A3		
	Minimum: Statement-R/A5-R	Minimum: Statement-R/A6-R		
		Sizes smaller than B6-R are 50 to 105 g/m² (one-side/duplex)		
Paper Weight	1-sided: 45 to 160 g/m <sup>2</sup>	1-sided: 35 to 220 g/m <sup>2</sup>		
	2-sided: 50 to 120 g/m <sup>2</sup>	2-sided: 50 to 220 g/m <sup>2</sup>		
Loading Capacity	100 sheets (50 to 80 g/m <sup>2</sup> ) maximum	175 sheets (50 to 80 g/m <sup>2</sup> ) maximum		
	When originals have different widths: 30 sheets (50 to 80 g/m²) maximum	When originals have different widths: 30 sheets (50 to 80 g/m²) maximum		
Dimensions	22 23/32 × 21 13/64 × 7 5/64"	23 5/8 × 20 13/64 × 6 45/64"		
(W) × (D) × (H)	577 × 534 × 180 mm	600 × 513 × 170 mm		
Weight	32 lbs. or less /14.5 kg or less			

# Paper Feeder (500-sheet x 2) (Option)

Item	Description
Paper Supply Method	Feed & reverse roller method
	(No. Sheets: 500, 80 g/m <sup>2</sup> , 2 cassettes/No. Sheets: 550, 64 g/m <sup>2</sup> , 2 cassettes)
Paper Size	A3, B4, A4, A4-R, B5, B5-R, A5-R, Folio, Ledger, Legal, Oficio II, 12 × 18", Letter, Letter-R, Statement-R, 8K, 16K, 16K-R, 216 × 340 mm
Supported Paper	Paper weight: 60 - 256 g/m <sup>2</sup>
	Media types: Plain, Recycled, Thick
Dimensions	23 35/64 × 27 35/64 × 12 13/32"
(W) × (D) × (H)	598 × 699.6 × 315 mm
Weight	Approx. 66.1 lbs. / Approx. 30 kg

# **Large Capacity Feeder (1,500-sheet x 2) (Option)**

Item	Description
Paper Supply Method	Feed & reverse roller method (No. Sheets: 3,000 (80 g/m²)/No. Sheets: 3,500 (64 g/m²))
Paper Size	A4, B5, Letter
Supported Paper	Paper weight: 60 - 256 g/m <sup>2</sup> Media types: Plain, Recycled, Thick
Dimensions	23 35/64 × 27 52/64 × 12 26/64"
(W) × (D) × (H)	598 × 706.6 × 315 mm
Weight	Approx. 63.93 lbs / Approx. 29 kg

# Side Feeder (500-sheet x 3) (Option)

Item	Description
Paper Supply Method	Feed & reverse roller method (No. Sheets: 500, 80 g/m², 3 cassettes/No. Sheets: 550, 64 g/m², 3 cassettes)
Paper Size	A3, B4, A4, A4-R, B5, B5-R, A5-R, Folio, Ledger, Legal, Oficio II, 12 × 18", Letter, Letter-R, Statement-R, 8K, 16K, 16K-R, 216 × 340 mm
Supported Paper	Paper weight: 60 - 256 g/m <sup>2</sup> Media types: Plain, Recycled, Thick, Coated*
Dimensions (W) × (D) × (H)	23 35/64 × 28 11/32 × 21 7/64" 598 × 720 × 536 mm
Weight	Approx. 114.6 lbs. / Approx. 52 kg

<sup>\*</sup> Only Cassette 5 can be used.

# Large Capacity Side Feeder (500, 1,500-sheet x 2) (Option)

Item	Description		
Paper Supply Method	Feed & reverse roller method (No. Sheets: 500 sheets (80 g/m $^2$ ) × 1 cassette, 1,500 sheets (80 g/m $^2$ ) × 2 cassettes/No. Sheets: 550 sheets (64 g/m $^2$ ) × 1 cassette, 1,750 sheets (64 g/m $^2$ ) × 2 cassettes)		
Paper Size	Cassette 5 A3, B4, A4, A4-R, B5, B5-R, A5-R, Folio, Ledger, Legal, Oficio II, 12 × 18", Letter, Letter-R, Statement-R, 8K, 16K, 16K-R, 216 × 340 mm		
	Cassette 6, 7	A4, B5, Letter	
Supported Paper	Paper weight: 60 - 256 g/m <sup>2</sup> Media types: Plain, Recycled, Thick, Coated*		
Dimensions	23 35/64 × 28 11/32 × 21 7/64"		
(W) × (D) × (H)	598 × 720 × 536 mm		
Weight	Approx. 112.4 lbs / Approx. 51 kg		

<sup>\*</sup> Only Cassette 5 can be used.

# **Side Feeder (3,000-sheet) (Option)**

Item	Description
Paper Supply Method	Feed & reverse roller method (No. Sheets: 3,000, 80 g/m²/No. Sheets: 3,500 64 g/m²)
Paper Size	A4, B5, Letter
Supported Paper	Paper weight: 60 - 300 g/m <sup>2</sup> Media types: Plain, Recycled, Thick
Dimensions (W) × (D) × (H)	12 41/64 × 24 13/32 × 19 27/32" 321 × 620 × 504 mm
Weight	Approx. 55.1 lbs. / Approx. 25 kg

# 1,000-sheet Finisher (Option)

Ite	em	Description	
Number of T	rays	2 trays	
Paper Size Tray A (Non-stapling)		A3, B4, Ledger, Legal, Oficio II, Folio, 8K, 16K-R, 216 × 340 mm, Statement-R, Executive, Foolscap, A3 Wide(310 × 433 mm), Ledger Wide(310 × 440 mm), 12 × 18": 500 sheets	
		A4, A4-R, B5, A5-R, B6-R, B5- Custom (98 × 148 mm to 297 :	
	Tray B	A3, B4, A4, A4-R, B5, B5 (ISO), B5-R, A5-R, A6-R, B6-R, Letter, Letter-R, Ledger, Legal, Oficio II, 12 × 18", Statement-R, Folio, 8K, 16K, 16K-R, 216 × 340 mm, Oufuku hagaki, Cardstock, Envelope DL, Envelope C5, Envelope C4, Envelope #10 (Commercial #10), Envelope #9 (Commercial #9), Envelope #6 (Commercial #6 3/4), Envelope Monarch, Youkei 2, Youkei 4, Statement-R, Executive, Foolscap, A3 Wide(310 × 433 mm), Ledger Wide(310 × 440 mm), 13 × 19", Custom (98 × 148 mm to 297 × 432 mm) : 100 sheets	
Supported F Weight	Paper	Stapling: 90 g/m <sup>2</sup> or less	
Stapling Number of Sheets	A3, B4, B5-R, Ledger, Legal, Oficio II, 12 × 18", 216 × 340 mm, Folio, 8K, 16K-R	30 sheets (60 to 90 g/m²) 20 sheets (91 to 105 g/m²) 2 cover sheet only (106 g/m² to 256 g/m²)	
	A4, A4-R, B5, Letter, Letter-R, 16K	50 sheets (60 to 90 g/m²) 40 sheets (91 to 105 g/m²) 2 cover sheet only (106 g/m² to 256 g/m²)	
	Media types	Plain, Recycled, Prepunched, Preprinted, Bond, Letterhead, Color, Coated, Thick, High Quality, Rough, Vellum, Transparency, Labels, Envelope, Cardstock, Custom 1 to 8	
Dimensions (W) × (D) × (		26 7/32 × 24 11 × 32 × 42 5/8" 666 × 618.5 × 1,083 mm	
Weight Approx. 66.1 lbs. or less / Approx. 30 kg or less		rox. 30 kg or less	

# **4,000-sheet Finisher (Option)**

Ite	em	Description	
Number of Trays 3 trays			
Paper Size (80 g/m²) Tray A (Non-Stapling)		A3, B4, B5-R, Ledger, Legal, 1 A4, A4-R, B5, Letter, Letter-R, Custom (98 × 148 mm to 297 A5-R, B6, Statement-R: 500 st	× 432 mm): 4,000 sheets*
	Tray B	A3, B4, A4, A4-R, B5, B5-R, A5, A5-R, Folio, Ledger, Legal, 12 × 18", 8K, Letter, 13 × 19", Letter-R, Statement-R, 16K, 16K-R, Custom (98 × 148 mm to 297 × 432 mm): 200 sheets	
	Tray C	A4, B5, B5 (ISO), B5-R, B6-R, A5-R, A6-R, Letter, Statement-R, 16K, Cardstock, Oufuku hagaki, Custom (98 × 148 mm to 297 × 432 mm) : 100 sheets	
Stapling Maximum Number	A3, B4, B5-R, Ledger, Legal, Oficio II, 12 × 18", 216 × 340 mm, Folio, 8K, 16K-R	30 sheets (52 to 90 g/m²) 30 sheets (91 to 105 g/m²) 2 cover sheet only (106 g/m² to 256 g/m²)	
	A4, A4-R, B5, Letter, Letter-R, 16K	65 sheets (52 to 90 g/m²) 55 sheets (91 to 105 g/m²) 2 cover sheet only (106 g/m² to 256 g/m²)	
	Media types	Plain, Recycled, Prepunched, Preprinted, Bond, Letterhead, Color, Coated, Thick, High Quality, Rough, Vellum, Transparency, Labels, Envelope, Cardstock, Custom 1 to 8	
Dimensions (W) × (D) × (		23 29/32 × 26 5/16 × 41 25/32" 607.2 × 668.5 × 1,061.3 mm	
Weight		Approx. 88.2 lbs or less / Approx. 40 kg or less	

<sup>\*</sup> When the Folding Unit is installed, 3000 sheets.

# **Hole Punch Unit (Option)**

Ite	em	Description	
Paper Size	2 Hole	A3, A4, A4-R, A5-R, B4, B5, B5-R, Letter-R, Legal, 12 × 18", Statement, Folio, 8K, 16K, 16K-R	
	3 Hole, 4 Hole	A3, A4, Letter, Ledger, 12 × 18", 8K, 16K	
Paper Weig	ht	45 - 300 g/m <sup>2</sup>	
Media types		4,000-sheet Finisher	Plain, Transparency, Preprinted, Bond, Recycled, Rough, Letterhead, Color (Colour), Prepunched, Thick, Coated, High Quality
		1,000-sheet Finisher	Plain, Transparency, Preprinted, Bond, Recycled, Rough, Letterhead, Color (Colour), Prepunched, Thick, Coated, High Quality

# **Mailbox (Option)**

Item	Description
Number of Trays	7 trays
Paper Size (80 g/m <sup>2</sup> )	A3, B4, Ledger, Legal: 50 sheets A4, A4-R, B5, B5-R, A5-R, Foolscap, Letter, Letter-R, 216 × 340 mm, Executive, Executive-R, Folio, 8K, 16K, 16K-R, Statement-R, Oficio II: 100 sheets
Dimensions (W) × (D) × (H)	20 1/16 × 15 3/4 × 18 1/2" 510 mm × 400 mm × 470 mm
Weight	Approx. 22 lbs. / Approx. 10 kg

# **Center-Folding Unit (Option)**

Item	Description	
Sizes	Bi-Fold	A3, B4, A4-R, Ledger, Legal, Letter-R, Oficio II, 8K
	Saddle Stitch	A3, B4, A4-R, Ledger, Legal, Letter-R, Oficio II, 8K
	Tri-Fold	A4-R, Letter-R
Number of Sheets	Bi-Fold	5 sheets (60 to 90 g/m <sup>2</sup> ) 3 sheets (91 to 120 g/m <sup>2</sup> ) 1 sheet (121 to 256 g/m <sup>2</sup> )
	Saddle Stitch	16 sheets (60 to 90 g/m <sup>2</sup> ) 13 sheets (91 to 105 g/m <sup>2</sup> ) 1 cover sheet only (106 g/m <sup>2</sup> or heavier)
	Tri-Fold	5 sheets (60 to 90 g/m <sup>2</sup> ) 3 sheets (91 to 120 g/m <sup>2</sup> )
Maximum Number for Storage (80 g/m²)	Bi-Fold	5 sheets or less per set: 30 sets or more 6 to 10 sheets per set: 20 sets or more 11 to 16 sheets per set: 10 sets or more.
	Saddle Stitch	5 sheets or less per set: 30 sets or more 6 to 10 sheets per set: 20 sets or more 11 to 16 sheets per set: 10 sets or more.
	Tri-Fold	1 sheet per set: 30 sets or more 2 to 5 sheets per set: 5 sets or more
Media types	Bi-Fold	Plain, Recycled, Thick, Coated
	Saddle Stitch	Plain, Recycled, Thick, Coated
	Tri-Fold	Plain, Recycled, Thick

# **Inner Job Separator (Option)**

Item	Description
Number of Trays	1 tray
Maximum Sheets	30 sheets (80 g/m²)
Paper Size	A3, B4, A4, A4-R, B5, B5-R, A5-R, Folio, Ledger, Legal, Letter, Letter-R, Executive, Executive-R, Foolscap, Oficio II, Statement-R, 8K, 16K, 16K-R, 216 × 340 mm
Paper Type	Paper weight: 60 - 256 g/m <sup>2</sup> Paper type: Plain, Preprinted, Bond, Rough, Recycled, Letterhead, Color (Colour), Prepunched, Coated, Thick, High Quality, Custom 1 to 8
Dimensions (W) × (D) × (H)	17 7/16 × 15 7/16 × 4 1/64" 443 × 392 × 102 mm
Weight	1.76 lbs. / 0.8 kg

# Inner Job Separator (JS-732) (Option)

Item	Description
Number of Trays	1 tray
Maximum Sheets	100 sheets (80 g/m <sup>2</sup> )
Paper Size	A3, B4, A4, A4-R, B5, B5-R, A5-R, Folio, Ledger, Foolscap, Legal, Letter, Letter-R, Executive, Executive-R, Oficio II, Statement-R, 8K, 16K, 16K-R, 216×340 mm
Paper Type	Paper weight: 60 - 256 g/m <sup>2</sup>
	Paper type: Plain, Preprinted, Bond, Rough, Recycled, Letterhead, Color (Colour), Prepunched, Coated, Thick, High Quality, Custom 1 to 8
Dimensions	18 1/2 × 17 43/64 × 4 1/64"
(W) × (D) × (H)	470 × 449 × 102 mm
Weight	Approx. 4.63 lbs. / Approx. 2.1 kg

# **Right Job Separator (Option)**

Item	Description
Number of Trays	1 tray
Maximum Sheets	A4, A4-R, B5, Letter, Letter-R, B5-R, A5-R, Executive, Executive-R, Statement-R, 16K, 16K-R: 70 sheets (80 g/m²)
	A3, B4, Folio, Ledger, Legal, Foolscap, Oficio II, 8K, 216 × 340 mm: 30 sheets (80 g/m²)
Paper Size	A3, B4, A4, A4-R, B5, B5-R, A5-R, Folio, Ledger, Foolscap, Legal, Letter, Letter-R, Executive, Executive-R, Oficio II, Statement-R, 8K, 16K, 16K-R, 216 × 340 mm
Paper Type	Paper weight: 60 - 256 g/m <sup>2</sup>
	Paper type: Plain, Preprinted, Bond, Rough, Recycled, Letterhead, Color (Colour), Prepunched, Coated, Thick, High Quality, Custom 1 to 8
Dimensions	14 27/32 × 17 13/32 × 5 29/32"
(W) × (D) × (H)	377 × 442 × 150 mm
Weight	5.1 lbs. / 2.3 kg

# **Banner Tray (Option)**

Item	Description
Max. number of sheets	10 sheets (Multi Purpose tray)
Paper length	210 (8.26") to 304.8 (12") mm
Paper weight	Max. 1220.0 (48 1/64") mm
Paper Type	Paper weight: 136 to 163 g/m <sup>2</sup> Paper type: Heavy 2
Dimensions	9 27/32 × 14 23/32 × 5 63/64"
(W) × (D) × (H)	250 × 374 × 152 mm
Weight	Approx. 0.78 lbs. / Approx. 0.352 kg



Consult your dealer or service representative for recommended paper types.

# **Glossary**

### Accessibility

The machine is designed featuring good accessibility even for the elderly and those who are physically challenged or visually impaired. Touch panel characters can be enlarged while the touch panel is adjustable in two angles.

### **AppleTalk**

AppleTalk, which comes with Apple Computer's Mac OS, is a network protocol. AppleTalk enables file/printer sharing and also enables you to utilize application software that is on another computer on the same AppleTalk network.

#### **Auto Form Feed Timeout**

During data transmission, the machine may sometimes have to wait until receiving the next data. This is the auto form feed timeout. When the preset timeout passes, the machine automatically prints output. However, no output is performed if the last page has no data to be printed.

#### Auto-IP

Auto-IP is a module that enables dynamic IPv4 addresses to be assigned to a device on startup. However, DHCP requires a DHCP server. Auto-IP is a server-less method of choosing an IP address. IP addresses between 169.254.0.0 to 169.254.255.255 are reserved for Auto-IP and assigned automatically.

### **Auto Paper Selection**

A function to automatically select paper in the same size as originals when printing

### Auto Sleep

A mode designed for electrical power saving, activated when the machine is left unused or there is no data transfer for a specific period. In Sleep mode, power consumption is kept to a minimum.

### **Bonjour**

Bonjour, also known as zero-configuration networking, is a service that automatically detects computers, devices and services on an IP network. Bonjour, because an industry-standard IP protocol is used, allows devices to automatically recognize each other without an IP address being specified or DNS server being set. Bonjour also sends and receives network packets by UDP port 5353. If a firewall is enabled, the user must check that UDP port 5353 is left open so that Bonjour will run correctly. Some firewalls are set up so as to reject only certain Bonjour packets. If Bonjour does not run stably, check the firewall settings and ensure that Bonjour is registered on the exceptions list and that Bonjour packets are accepted. If you install Bonjour on Windows XP Service Pack 2 or later, the Windows firewall will be set up correctly for Bonjour.

#### Default Gateway

This indicates the device, such as a computer or router, that serves as the entrance/exit (gateway) for accessing computers outside the network that you are on. When no specific gateway is designated for a destination IP address, data is sent to the host designated as the Default Gateway.

### **DHCP (Dynamic Host Configuration Protocol)**

Dynamic Host Configuration Protocol (DHCP) that automatically resolves IP addresses, subnet masks, and gateway addresses on a TCP/IP network. DHCP minimizes the load of network management employing a large number of client computers because it relieves individual clients including printers from the IP address being assigned.

### DHCP (IPv6)

DHCP (IPv6) is the next-generation of the Internet's Dynamic Host Configuration Protocol and supports IPv6. It extends the BOOTP startup protocol that defines the protocols used for transferring configuration information to hosts on the network. DHCP (IPv6) permits the DHCP server to use its expanded functionality to send configuration parameters to an IPv6 node. Because the network addresses that can be used are allocated automatically, the IPv6 node management workload is reduced in systems where the administrator has to exercise close control over IP address allocation.

### dpi (dots per inch)

A unit for resolution, representing the number of dots printed per inch (25.4 mm).

#### **EcoPrint Mode**

A printing mode that helps save toner. Copies made in this mode are thus lighter than normal.

#### **Emulation**

The function to interpret and execute other printers' page description languages. The machine emulates operation of PCL6, KPDL3 (PostScript 3 compatible).

#### FTP (File Transfer Protocol)

A protocol to transfer files on the TCP/IP network, whether the Internet or an intranet. Along with HTTP and SMTP/POP, FTP is now frequently used on the Internet.

#### Grayscale

A computer color expression. Displayed images of this sort are typically composed of shades of gray, varying from black at the weakest intensity to white at the strongest, without any other colors. Gray levels are displayed in numerical levels: that is, white and black only for 1 bit; 256 gray levels (including white and black) for 8 bits; and 65,536 gray levels for 16 bits.

#### Help

A [Help] key is provided on this machine's operation panel. If you are unsure of how to operate the machine, would like more information on its functions or are having problems getting the machine to work properly, press the [Help] key to view a detailed explanation on the touch panel.

### **IP Address**

An Internet protocol address is a unique number that represents a specific computer or related device on the network. The format of an IP address is four sets of numbers separated by dots, e.g. 192.168.110.171. Each number should be between 0 and 255.

#### **IPP**

IPP (Internet Printing Protocol) is a standard that uses TCP/IP networks such as the Internet to enable print jobs to be sent between remote computers and printers. IPP is an extension of the HTTP protocol used to view websites and enables printing to be carried out via routers on printers in remote locations. It also supports the HTTP authentication mechanisms along with SSL server and client authentication as well as encryption.

#### KPDL (Kyocera Page Description Language)

Kyocera's PostScript page description language compatible with Adobe PostScript Level 3.

### Multi Purpose (MP) Tray

The paper supply tray on the right side of the machine. Use this tray instead of the cassettes when printing onto envelopes, Hagaki, transparencies, or labels.

### NetBEUI (NetBIOS Extended User Interface)

An interface, developed by IBM in 1985, as an update from NetBIOS. It enables more advanced functions on smaller networks than other protocols such as TCP/IP, etc. It is not suitable for larger networks due to lack of routing capabilities to choose the most appropriate routes. NetBEUI has been adopted by IBM for its OS/2 and Microsoft for its Windows as a standard protocol for file sharing and printing services.

#### **NetWare**

Novell's network management software that is able to run on a variety of operating systems.

#### PDF/A

This is "ISO 19005-1. Document management - Electronic document file format for long-term preservation - Part 1: Use of PDF (PDF/A)", and is a file format based on PDF 1.4. It has been standardized as ISO 19005-1, and is a specialization of PDF, which has been mainly used for printing, for long-term storage. A new part, ISO 19005-2 (PDF/A-2), is currently being prepared.

### **POP3 (Post Office Protocol 3)**

A standard protocol to receive E-mail from the server in which the mail is stored on the Internet or an intranet.

#### **PostScript**

A page description language developed by Adobe Systems. It enables flexible font functions and highly-functional graphics, allowing higher quality printing. The first version called Level 1 was launched in 1985, followed by Level 2 that enabled color printing and two-byte languages (e.g. Japanese) in 1990. In 1996, Level 3 was released as an update for the Internet access and PDF format as well as gradual improvements in implementation technologies.

#### **PPM** (prints per minute)

This indicates the number of A4 size printouts made in one minute.

#### **Printer Driver**

The software to enable you to print data created on any application software. The printer driver for the machine is contained in the DVD enclosed in the package. Install the printer driver on the computer connected to the machine.

#### RA(Stateless)

The IPv6 router communicates (transmits) information such as the global address prefix using ICMPv6. This information is the Router Advertisement (RA). ICMPv6 stands for Internet Control Message Protocol, and is a IPv6 standard defined in the RFC 2463 "Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6) Specification".

#### Send as E-mail

A function to send the image data stored in the machine as an E-mail attachment. E-mail addresses can be selected from the list or entered at each time.

#### **SMTP (Simple Mail Transfer Protocol)**

A protocol for E-mail transmission over the Internet or an intranet. It is used for transferring mail between mail servers as well as for sending mail from clients to their servers.

### **Status Page**

The page lists machine conditions, such as the memory capacity, total number of prints and scans, and paper source settings.

#### **Subnet Mask**

The subnet mask is a way of augmenting the network address section of an IP address. A subnet mask represents all network address sections as 1 and all host address sections as 0. The number of bits in the prefix indicates the length of the network address. The term "prefix" refers to something added to the beginning and, in this context, indicates the first section of the IP address. When an IP address is written, the length of the network address is indicated by the prefix length after a forward slash (/). For example, "24" in the address "133.210.2.0/24". In this way, "133.210.2.0/24" denotes the IP address "133.210.2.0" with a 24-bit prefix (network section). This new network address section (originally part of the host address) made possible by the subnet mask is referred to as the subnet address. When you enter the subnet mask, be sure to set the "DHCP" setting to "Off".

### TCP/IP (Transmission Control Protocol/Internet Protocol)

TCP/IP is a suite of protocols designed to define the way computers and other devices communicate with each other over a network.

### TCP/IP (IPv6)

TCP/IP (IPv6) is based on the current Internet protocol, TCP/IP (IPv4). IPv6 is the next-generation Internet protocol and expands the available address space, which resolves the problem of the lack of addresses under IPv4, while also introducing other improvements such as additional security functionality and the capacity to prioritize data transmission.

### TWAIN (Technology Without An Interesting Name)

A technical specification for connecting scanners, digital cameras, and other image equipment to computers. The TWAIN compatible devices enable you to process image data on any relevant application software. TWAIN is adopted on a large amount of graphic software (e.g. Adobe Photoshop) and OCR software.

#### **USB (Universal Serial Bus) 2.0**

A USB interface standard for Hi-Speed USB 2.0. The maximum transfer rate is 480 Mbps. This machine is equipped with USB 2.0 for high-speed data transfer.

#### WIA (Windows Imaging Acquisition)

A function to import images supported after Windows Me/XP from digital cameras and other peripheral devices. This function replaces what TWAIN used to do. The feature is provided as a part of Windows functions and improves ease of operation, so that you import images directly to My Computer without using any application.

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### QUALITY CERTIFICATE

This machine has passed all quality controls and