DEVELOP

Dynamic balance

www.develop.eu

Quick Guide

ineo+ 287/227

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1 Introduction

1 Introduction

This [Quick Guide] uses illustrations to describe operating procedures for the most commonly used functions in an easy-to-understand way.

Start by using this manual to become proficient with the useful functions that this machine offers.

For details on the various functions, refer to the User's Guides on the User's Guide DVD included with this machine.

In order to operate the machine safely and properly, be sure to read the safety information on page 1-5 of this manual before use.

In addition, this manual contains the following information. Be sure to read the manual before using the machine.

- Items that must be observed to use the machine safely
- Information regarding product safety
- Precautions when using the machine
- Descriptions on trademarks and copyrights

The illustrations and screens used in this manual may appear slightly different from views of the actual equipment and screens.

Tips

- Please keep this manual as well as the attached CD/DVD in a safe place where you can access them easily.

1.1 Environmental information

Environmental initiatives

The company continuously strives to reduce the negative environmental impacts of all stages of its business operations.

As part of such activities, the company is implementing resource-saving steps by reducing the number of pages in the User's Guide.

For the information necessary to operate the machine, please refer to the bundled User's Guide DVD (HTML format). This guide has an excellent search function.

Functions such as keyword search and filtering by purpose are very useful to help users find what they need to know.

ENERGY STAR®

As an ENERGY STAR® Partner, this machine meets the ENERGY STAR® Guidelines for energy efficiency.

What is an ENERGY STAR® product?

An ENERGY STAR® product has a special feature that allows it to automatically switch to a "low-power mode" after a period of inactivity. An ENERGY STAR® product uses energy more efficiently, saves you money on utility bills and helps protect the environment.

Environmental benefits of power management

Electricity consumption of a device depends on both its properties and the way of using the device.

Suitable power management setting offers you resource saving usage way. By setting the time to go into power saving modes (e.g. sleep mode) shorter (or optimal), electricity consumption can be reduced.

Recycled paper

This product can print on recycled paper and environmental stewardship initiatives certified paper which complies with European standard EN 12281 as well as virgin paper. In addition it can print on lighter paper, 64g/m^2 for example. Using such light paper contributes to resources-saving.

Duplex printing

With a product which has a duplex unit, you can print on both sides of paper automatically.

Using this function leads to reducing consumption of natural resources and your cost.

Attached printer driver provides this duplex printing function as initial setting in your computer (The setting can be changed after installation manually).

1.2 Safety information

This section contains detailed instructions on the operation and maintenance of this machine. To achieve optimum utility of this device, all operators should carefully read and follow the instructions in this manual.

Please read the following section before connecting the machine to the supply. It contains important information related to user safety and preventing equipment problems.

Make sure that you observe all of the precautions that appear in different sections of this manual.

Reference

- Some parts of the contents of this section may not correspond with the purchased product.

Warning and precaution symbols

Be sure to observe the safety precautions.

This manual contains the instructions that should be strictly observed at all times to prevent injury to yourself and other persons as well as damage to property.

Injuries and damage that might be caused by using the product improperly are classified according to the following symbols.

Pictorial indication	Description
⚠ WARNING	Improper handling can cause serious injury or death.
⚠ CAUTION	Improper handling can cause minor injury or damage to houses and property.

These are some of major exemplary graphical symbols.

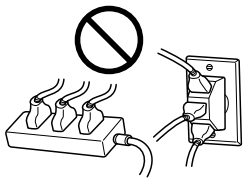
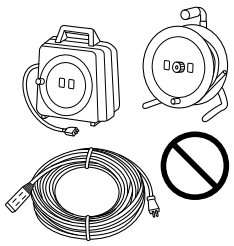
Graphic symbols	Descriptions	Graphic symbols	Descriptions	Graphic symbols	Descriptions
	General prohibition		Do not disassemble		Do not touch
	General instruction		Ground/Earth		Unplug from outlet
	General precaution		High temperature		Electrical shock hazard

Power source connection

⚠ WARNING

Do not use any power cord other than the one supplied in the package or attached on the products. If a power cord is not supplied, use only the power cord and plug that are specified in the user documentation. Failure to use this cord could result in a fire or electrical shock. If the power cord supplied in the package cannot be used in the country where this product was sold, use a power cord that meets the following conditions or contact your Technical Representative. The power cord has voltage and current rating appropriate for the rating plate on this machine. The power cord meets regulatory requirements for the area. The power cord is provided with grounding pin/terminal.	
Do not use the power cord to other products. Failure to do that could result in a fire or electrical shock.	

⚠ WARNING

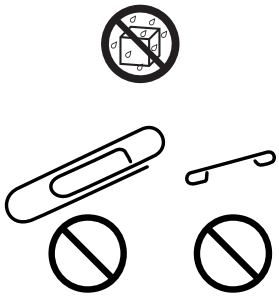
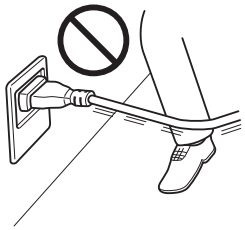
Do not scratch, abrade, place a heavy object on, heat, twist, bend, step on, pull on, or damage the power cord. Use of a damaged power cord (exposed core wire, broken wire, etc.) could result in a fire or breakdown. Should any of these conditions be found, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative.	
Do not use the power source voltage other than being specified on the machine. Failure to do that could result in a fire or electrical shock.	
Do not use a multiple outlet adapter to connect any other appliances or machines. Use of a power outlet for more than the marked current value could result in a fire or electrical shock.	
Do not use an extension cord. Use of an extension cord could cause a fire or electric shock. If the power cord furnished with the product is not long enough to be plugged into a wall outlet, contact your Technical Representative.	
Do not unplug and plug in the power cord with a wet hand, as an electrical shock could result.	
Plug the power cord all the way into the power outlet. Failure to do this could result in a fire or electrical shock.	
Make sure to ground this product. (Connect the power cord to an electrical outlet that is equipped with a grounding terminal.) Failure to do so and an unlikely event of leakage could result in a fire or electrical shock.	

⚠ CAUTION

The outlet must be near the equipment and easily accessible. Otherwise you can not pull out the power plug when an emergency occurs.	
Do not place any objects around the power plug, as the power plug may be difficult to pull out when an emergency occurs.	
Do not tug the power cord when unplugging. Pulling on the power cord could damage the cord, resulting in a fire or electrical shock.	
Remove the power plug from the outlet more than one time a year and clean the area between the plug terminals. Dust that accumulates between the plug terminals may cause a fire.	

Installation

⚠ WARNING

Keep this bag away from babies and children. Do not use in cribs, beds, carriages, or playpens. The thin film may cling to nose and mouth and prevent breathing. This bag is not a toy.	
Do not place a flower vase or other container that contains water, or metal clips or other small metallic objects on this product. Spilled water or metallic objects dropped inside the product could result in a fire, electrical shock, or breakdown. Should a piece of metal, water, or any other similar foreign matter get inside the product, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your Technical Representative or your authorized service representative.	
Make sure that the power cord is placed on a site in which no person would step on or trip over it. Stepping on or tripping over the power cord could heat the power cord, resulting in a fire or electric shock.	

⚠ CAUTION

<If instructed to use fixing legs> When the product has been installed, fix the product using the fixing legs. Not using the fixing legs could cause the product to move or topple over.	
Do not place the product in a dusty place, or a site exposed to soot or steam, near a kitchen table, bath, or a humidifier. A fire, electrical shock, or breakdown could result.	
Do not place this product on an unstable or tilted bench, or in a location subject to a lot of vibration and shock. It could drop or fall, causing personal injury or mechanical breakdown.	
Do not let any object plug the ventilation holes of this product. Heat could accumulate inside the product, resulting in a fire or malfunction.	
Whenever moving this product, be sure to disconnect the power cord and other cables. Failure to do this could damage the cord or cable, resulting in a fire, electrical shock, or breakdown.	
When moving this product, always hold it at the locations specified in the User's Guide or other documents. If the unit is moved while held at locations other than those specified, it may fall, causing severe personal injury.	

Using the product

⚠ WARNING

Do not modify this product, as a fire, electrical shock, or breakdown could result. If the product employs a laser, the laser beam source could cause blindness.	
Do not attempt to remove the covers and panels which have been fixed to the product. Some products have a high-voltage part or a laser beam source inside that could cause an electrical shock or blindness.	
Do not keep using this product, if this product becomes inordinately hot or emits smoke, or unusual odor or noise. Immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your Technical Representative or your authorized service representative. If you keep on using it as is, a fire or electrical shock could result.	
Do not keep using this product, if this product has been dropped or its cover damaged. Immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your Technical Representative or your authorized service representative. If you keep on using it as is, a fire or electrical shock could result.	
Do not use flammable sprays, liquids, or gases inside or near this machine. Do not clean the inside of this machine using a flammable gas duster. A fire or explosion could result.	
<If an RFID module (limited only to 13.56 MHz) for use in inside-the-machine proximity communication or electromagnetic induction heating (IH) technology (limited only to 20.05 kHz to 100 kHz) is being used> This machine generates a weak magnetic field. If you experience any unusual symptoms with your implantable medical equipment (cardiac pacemaker, etc.) while near the machine, move away from the machine and see a doctor immediately. Please call your Technical Representative or your authorized service representative if you do not understand the purchased product corresponds or not.	
<If a non-contact IC card reader is being used> If you use an implantable medical equipment (cardiac pacemaker, etc.), do not bring the IC card reader close from the implant within 12 cm at all times. The radio waves may affect implantable medical equipment (cardiac pacemaker, etc.) operations.	

⚠ CAUTION

Using this product in a poorly ventilated room for a long time or producing a large volume of copies or prints may cause the odor of exhaust air from the machine. Ventilate the room well.	
The inside of this product has areas subject to high temperature, which may cause burns. When checking the inside of the unit for malfunctions such as a paper misfeed, do not touch the locations (around the fusing unit, etc.) which are indicated by a "Caution HOT" caution label. A burn could result.	
Unplug the product when you will not use the product for long periods of time.	
When using the machine, do not look at the light of the lamp for a prolonged time. Eyestrain could result.	

⚠ CAUTION

Do not use stapled paper, conductive paper (such as silver paper or carbon paper) or treated heat-sensitive/inkjet paper, otherwise a fire may result.	

Consumables

⚠ WARNING

Do not throw toner or a container that contains toner (e.g., toner cartridge and developing unit) into an open flame. The hot toner may scatter and cause burns or other damage.	

⚠ CAUTION

Do not leave toner-related parts (e.g., toner cartridge and developing unit) within easy reach of children. Licking any of these parts or ingesting toner could damage your health.	
Do not store toner-related parts (e.g., toner cartridge and developing unit) near devices susceptible to magnetism, such as precision equipment and data storage devices, otherwise they may malfunction. They could cause these products to malfunction.	
Do not force open the toner-related parts (e.g., toner cartridge and developing unit). If toner tumbles from the toner bottle, take utmost care to avoid inhaling it or even getting skin contact.	
If toner lands on your skin or clothing, wash thoroughly with soap and water.	
If you inhale toner, move to a place with fresh air and gargle with a lot of water repeatedly. Should you get symptoms such as coughing, seek medical advice.	
If you get toner into your eyes, immediately rinse them with running water for over 15 minutes. Seek medical advice if irritation persists.	
If you swallow toner, rinse out your mouth and drink a few glasses of water. Seek medical advice if necessary.	
Never touch the electrical contacts of the units (e.g., toner cartridge and developing unit), as an electrostatic discharge may damage the product.	
Before handling, see the user documentation for the safety information.	
<If instructed to replace the fusing unit> The fusing section is extremely hot. Before replacing the fusing unit, be sure to open doors and covers of the machine. Then, leave the machine to stand idle for a specified period of time and make sure that the fusing section has cooled down to room temperature. Failure to follow these instructions could result in a burn.	

1.3 Regulation notices

CE Marking (Declaration of Conformity) for users of the European Union (EU)

This product complies with the following EU directives:
2009/125/EC, 2006/95/EC, 2004/108/EC and 1999/5/EC directives.

This declaration is valid for the area of the European Union.

This device must be used with a shielded interface cable. The use of non-shielded cables is likely to result in interference with radio communications and is prohibited under CISPR rules and local rules.

D.o.C. is available at "http://www.develop.eu/".

USER INSTRUCTIONS FCC PART 15 - RADIO FREQUENCY DEVICES (for U.S.A. users)

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

⚠WARNING

- The design and production of this unit conform to FCC regulations, and any changes or modifications must be registered with the FCC and are subject to FCC control. Any changes made by the purchaser or user without first contacting the manufacturer will be subject to penalty under FCC regulations.
- This device must be used with a shielded interface cable. The use of non-shielded cables is likely to result in interference with radio communications and is prohibited under FCC rules.

INTERFERENCE-CAUSING EQUIPMENT STANDARD (ICES-003 ISSUE 5) (for Canada users)

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

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

For users in countries not subject to class B regulations

⚠WARNING

- This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
- This device must be used with a shielded interface cable. The use of non-shielded cables is likely to result in interference with radio communications and is prohibited under CISPR rules and local rules.

GS Certification

KONICA MINOLTA branded model C302200 (bizhub C287 and bizhub C227).

This device is not intended for use in the direct field of view at visual display workplaces. To avoid incommoding reflexions at visual display workplaces this device must not be placed in the direct field of view.

Das Gerät ist nicht für die Benutzung im unmittelbaren Gesichtsfeld am Bildschirmarbeitsplatz vorgesehen. Um störende Reflexionen am Bildschirmarbeitsplatz zu vermeiden, darf dieses Produkt nicht im unmittelbaren Gesichtsfeld platziert werden.

Laser safety

This is a digital machine which operates using a laser. There is no possibility of danger from the laser provided the machine is operated according to the instructions in the manuals.

Since radiation emitted by the laser is completely confined within protective housing, the laser beam cannot escape from the machine during any phase of user operation.

This machine is certified as a Class 1 laser product per IEC 60825-1: 2014: This means the machine does not produce hazardous laser radiation.

Internal laser radiation

Maximum Average Radiation Power: 5.7 µW at the laser aperture of the print head unit.

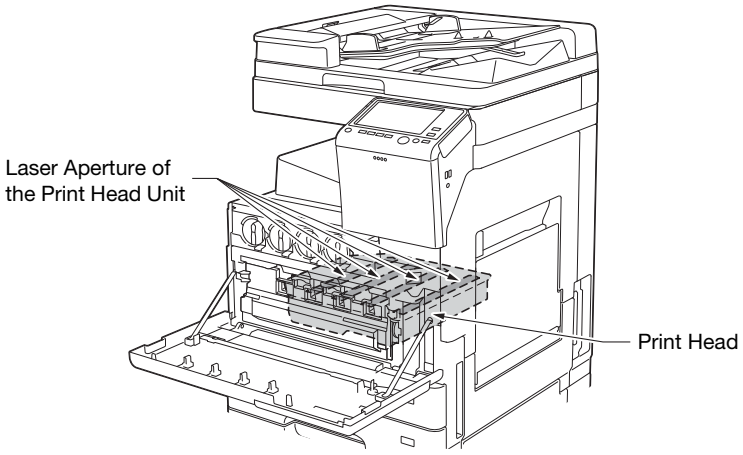
Wavelength: 770-800 nm

This product employs a Class 3B laser diode that emits an invisible laser beam.

The laser diode and the scanning polygon mirror are incorporated in the print head unit.

The print head unit is NOT A FIELD SERVICE ITEM:

Therefore, the print head unit should not be opened under any circumstances.



CDRH regulations

This machine is certified as a Class 1 Laser product under Radiation Performance Standard according to the Food, Drug and Cosmetic Act of 1990. Compliance is mandatory for Laser products marketed in the United States and is reported to the Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration of the U.S. Department of Health and Human Services (DHHS). This means that the device does not produce hazardous laser radiation.

The label shown on page 1-12 indicates compliance with the CDRH regulations and must be attached to laser products marketed in the United States.

⚠CAUTION

Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

- This is a semiconductor laser. The maximum power of the laser diode is 20 mW and the wavelength is 770-800 nm.

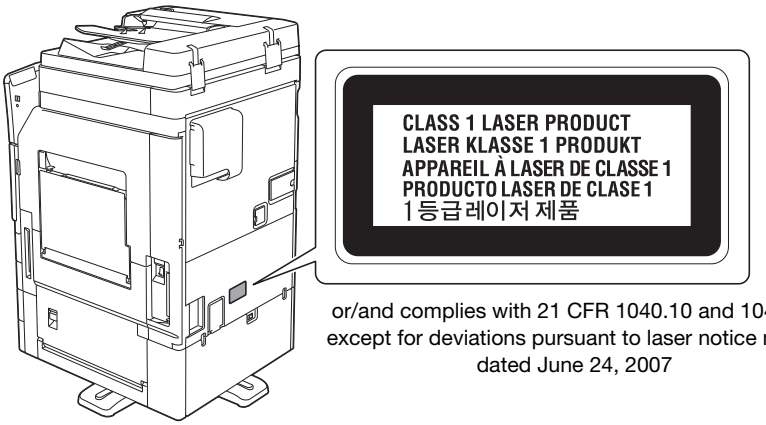
For European users

⚠CAUTION
Use of controls, adjustments or performance of procedures other than those specified in this manual may result in hazardous radiation exposure.

- This is a semiconductor laser. The maximum power of the laser diode is 20 mW and the wavelength is 770-800 nm.

Laser safety label

A laser safety label is attached to the outside of the machine, as shown below.



or/and complies with 21 CFR 1040.10 and 1040.11
except for deviations pursuant to laser notice no.50,
dated June 24, 2007

Ozone release

Locate the Machine in a Well-Ventilated Room
A negligible amount of ozone is generated during normal operation of this machine. An unpleasant odor may, however, be created in poorly ventilated rooms during extensive machine operations. For a comfortable, healthy and safe operating environment, it is recommended that the room be well ventilated.

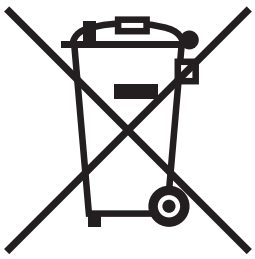
Placer l'appareil dans une pièce largement ventilée
Une quantité d'ozone négligable est dégagée pendant le fonctionnement de l'appareil quand celui-ci est utilisé normalement. Cependant, une odeur désagréable peut être ressentie dans les pièces dont l'aération est insuffisante et lorsque une utilisation prolongée de l'appareil est effectuée. Pour avoir la certitude de travailler dans un environnment réunissant des conditions de confort, santé et de sécurité, il est préférable de bien aérer la pièce ou se trouve l'appareil.

Acoustic noise (for European users only)

Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß EN ISO 7779.

For EU member states only

This symbol means: Do not dispose of this product together with your household waste!

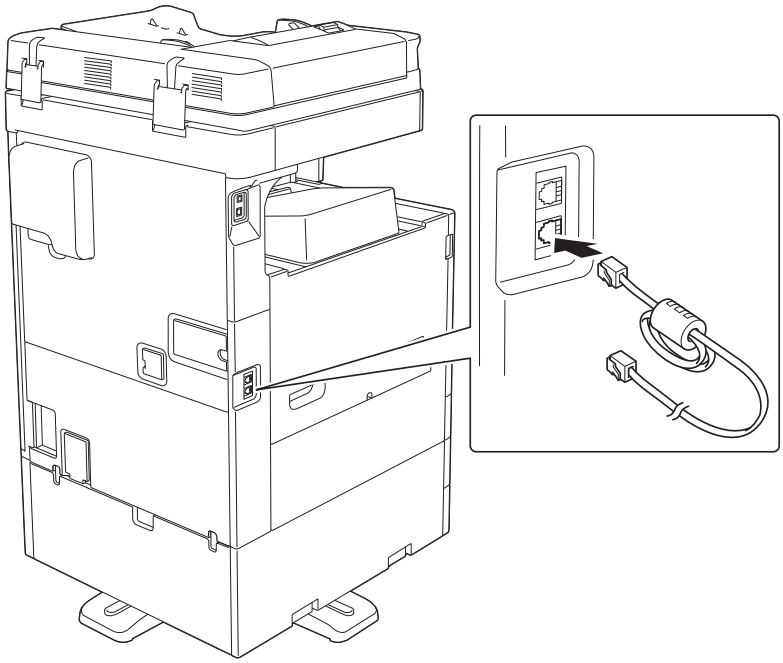


Please refer to the information of your local community or contact our dealers regrading the proper handling of end-of-life electric and electronic equipments. Recycling of this product will help to conserve natural resources and prevent potential negative consequences for the environment and human health caused by inappropriate waste handling.

This product complies with RoHS (2011/65/EU) Directive.

Telephone cable (for users in countries subject to class B regulations)

Connect a telephone cable with a ferrite core to the telecommunication port of this machine. (Connect the modular jack on the ferrite-core-equipped end of the telephone cable to the telecommunication port.)



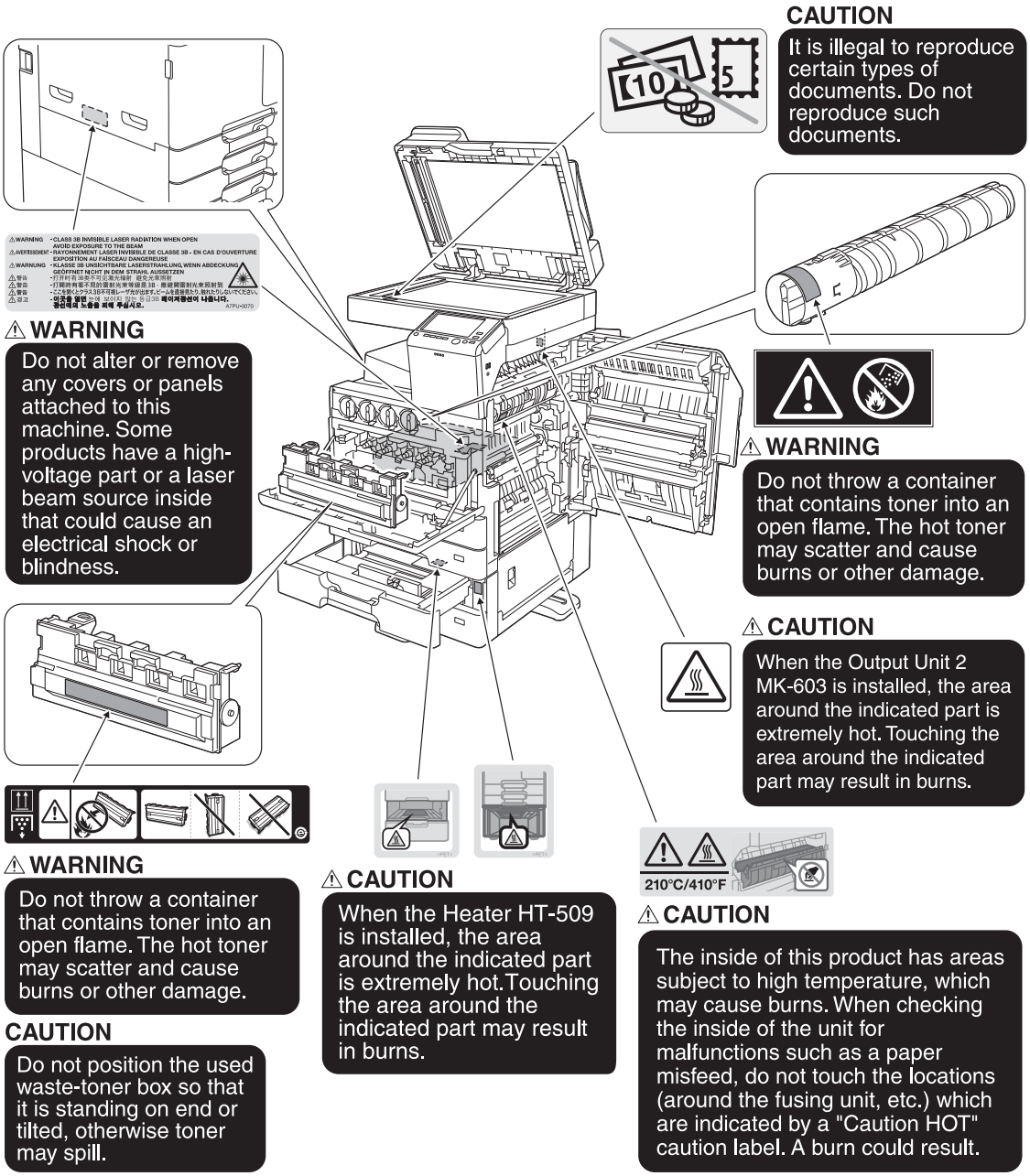
Graphic symbols used on this machine

These are some of major exemplary graphical symbols.

Graphic symbols	Descriptions	Graphic symbols	Descriptions	Graphic symbols	Descriptions
	"ON" position		"OFF" position		STAND-BY
	push-push type switches		Ground/Earth (Protective bonding terminal)		Ground/Earth (Protective earthing)
	CLASS II EQUIPMENT		Class II equipment with functional earthing		Functional earthing
	General precaution		High temperature		Electrical shock hazard
	CAUTION moving fan blade	N	CAUTION DOUBLE POLE / NEUTRAL FUSING		

1.4 Caution notations and labels

Safety precaution notations and labels appear on this machine at the following positions.Be very careful that an accident does not occur when operations such as removing paper jams and staple jams are performed.



NOTICE

Do not remove caution labels or notations. If any caution label or caution notation is soiled, please clean to make legible. If you cannot make them legible, or if the caution label or notation is damaged, please contact your service representative.

1.5 Special notice to user

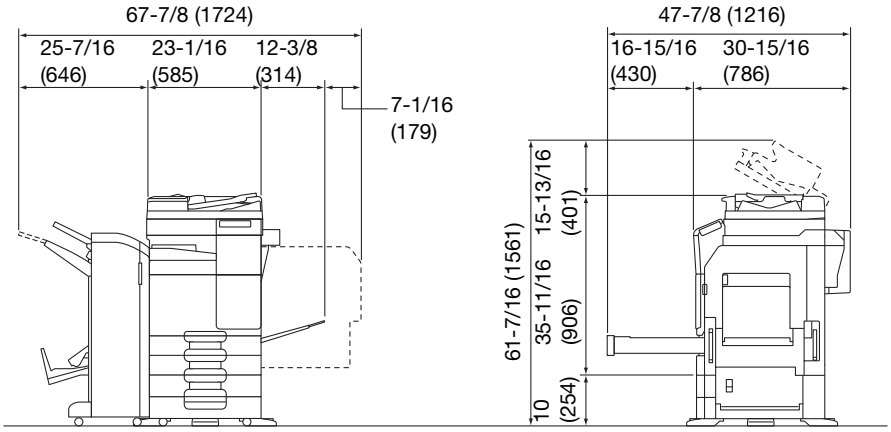
For Europe

The Facsimile has been approved in accordance with Council Decision 1999/5/ EC for pan-European single terminal connection to the public switched telephone network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not, of itself, give an unconditional assurance of successful operation on every PSTN network terminal point.

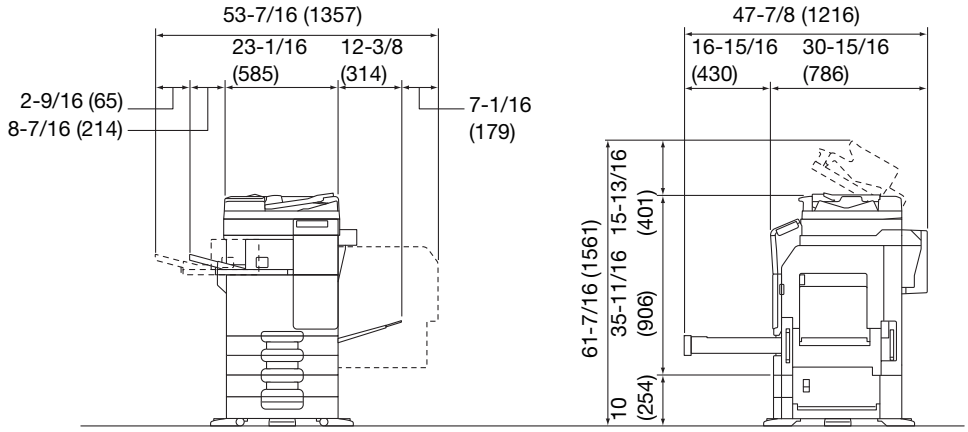
In the event of problems, you should contact your equipment supplier in the first instance.

1.6 Space requirements

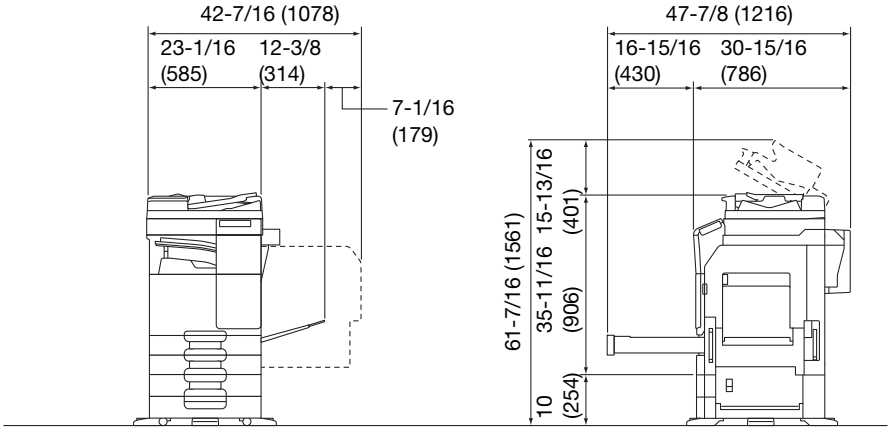
To ensure that machine operation, consumables replenishing, part replacement, and regular maintenance can easily be performed, adhere to the recommended space requirements detailed below.



ineo+ 287/227 + DF-628 + PC-214 + MK-603 + RU-514 + FS-534 + SD-511 + MK-748 + CU-101 Unit: inch (mm)



ineo+ 287/227 + DF-628 + PC-214 + MK-603 + MK-602 + FS-533 + PK-519 + MK-748 + CU-101 Unit: inch (mm)



ineo+ 287/227 + DF-628 + PC-214 + MK-603 + JS-506 + MK-748 + CU-101 Unit: inch (mm)

NOTICE

Be sure to allow a clearance of 8 inches (200 mm) or more at the back of this machine for the ventilation duct.

1.7 Operation precautions

To ensure the optimum performance of this machine, observe the precautions described below.

Power source

The power source requirements are as follows.

- Voltage fluctuation: Maximum ± 10% (at 110 V/120 V/220 to 240 V AC)
- Frequency fluctuation: Maximum ± 3 Hz (at 50 Hz/60 Hz)

- Use a power source with as little voltage or frequency fluctuations as possible.

Operating environment

The environmental requirements for correct operation of the machine are as follows.

- Temperature: 50°F (10°C) to 86°F (30°C) with fluctuations of no more than 18°F (10°C) within an hour
- Humidity: 15% to 85% with fluctuations of no more than 10% within an hour

Storage of copies

To store copies, follow the recommendation listed below.

- Copies that are to be kept for a long time should be kept where they are not exposed to light in order to prevent them from fading.
- Adhesive that contains solvent (e.g., spray glue) may dissolve the toner on copies.
- Color copies have a thicker layer of toner than normal black-and-white copies. Therefore, when a color copy is folded, the toner at the fold may peel off.

Data stored in this machine

For the machine with hard disk, it is suggested to delete all data stored in all hard disk areas using the overwrite all data function to prevent leakage of data prior to transfer or disposal of the machine, or returning of the leased machine.

For details of the overwrite all data function, refer to the User's Guide. Contact your service representative before deleting data.

It is recommended to backup HDD periodically as the measures for HDD defect. For the detail information of HDD backup, contact your service representative.

1.8 Legal restrictions on reproduction

Certain types of originals must never be reproduced with the purpose or intent to pass reproductions of such originals off as the originals.

The following is not a complete list, but is meant to be used as a guide to responsible reproduction.

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- Traveler's checks
- Money orders
- Certificates of deposit
- Bonds or other certificates of indebtedness
- Stock certificates

<Legal Originals>

- Food stamps
- Postage stamps (canceled or uncanceled)
- Checks or drafts drawn by government agencies
- Internal revenue stamps (canceled or uncanceled)
- Passports
- Immigration papers
- Motor vehicle licenses and titles
- House and property titles and deeds

<General>

- Identification cards, badges, or insignias
- Copyrighted works without permission of the copyright owner

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2 About This Machine

2 About This Machine

2.1 Intended use of office MFP devices

Intended use

This Multi Function Product incorporates the functionality of multiple office devices in one. It is designed to be used as an office system for the following purposes:

- Print, copy, scan and fax documents.
- Use available finishing functions such as duplexing, stapling, hole-punching and booklet creation if appropriate options are installed.
- Store scanned documents on external USB memory devices; send scanned documents to network scan destinations such as FTP, WebDAV and E-mail.

The intended use also requires that:

- The system is used within the limits of device specifications and specifications of optional components,
- All safety instructions in the related user's guides are observed,
- Legal restrictions on reproduction (see page 1-18) are observed,
- Inspection and maintenance instructions are adhered to,
- General, national and company safety provisions are observed.

Impermissible operating conditions

The system may not be operated if:

- Errors or damage have been discovered,
- Maintenance intervals have been exceeded,
- Mechanical or electrical functions do not work as they should.

Exclusion of liability

The manufacturer of the system assumes no liability for damages if the system was operated under impermissible conditions.

2.2 Introduction to user's guide

The user's guide of this product consists of the [Quick Guide] and the User's Guide DVD.

The [Quick Guide] describes basic machine procedures and frequently asked questions.

If you want to learn about more detailed functions or operation methods, refer to the User's Guide included in the User's Guide DVD.

In addition, you can access [Frequently Asked Questions] on the top page (home) of the relevant file on the User's Guide DVD for detailed information on FAQs and troubleshooting.

2.2.1 [Quick Guide] (This manual)

This manual describes basic procedures users will need to know in order to use this machine, as well as setting procedures. It also introduces major functions, and basic troubleshooting procedures to make use of this machine more conveniently.

This manual also contains notes and precautions that should be followed in order to use this machine. Please be sure to read this manual before using this machine.

2.2.2 User's Guide DVD

The User's Guide DVD is provided with this machine.

This DVD contains basic and detailed information on the functions of this product and also explanations of other various setting functions.

Select a desired function on the top page (Home), and check the details of the function.

Selecting [Introduction] on the top page (Home) allows you to view detailed methods for using the User's Guide.

Layout of top page

No.	Name	Description
1	[Search by Function]	Searches for desired information using functions such as printing or scanning and buttons displayed on the **Touch Panel**.
2	[Search]	Enter one or multiple keywords to search within the User's Guide. (Some pages are not targeted for searching.)
3	[Search by Usage]	Searches for the required operations of this machine based on the request format of "wanting to do something". This function provides security measures against various situations and methods to bring about cost reductions.
4	[Search by Illustration]	Searches for the required operations of this machine based on the output result, functions, and operation images.

Operating environment

Item	Specifications
Supported Operating Systems	Windows Vista (SP2), Windows 7 (SP1), Windows 8, Windows 8.1 Mac OS X 10.7/10.8/10.9/10.10
Supported Web browsers	Windows: Internet Explorer 9.x/10.x (Desktop version)/ 11.x (Desktop version), Firefox 20 or later, Google Chrome 26 or later Mac OS: Safari 6.0.3 to 8.x • We recommend that you use the latest Web browser that is compatible with your operating system to help you use this machine more conveniently and comfortably. • Check that JavaScript in your Web browser is enabled. The User's Guide uses JavaScript for the page display and search functions.
Display resolution	1024 × 768 pixels or more

2.2.3 Target groups

The user's guides (see page 2-4) are intended for the following users of the system:

User	Persons using the system for its intended use (see page 2-3) as well as managing system functions and consumables according to the assigned user rights.
Administrator	Persons managing consumables, system functions, users and access rights; adjusting system settings, and establishing network connections.

Everyone who uses this system must have read and understood the related user's guides.

2.2.4 Symbols and notations used in this manual

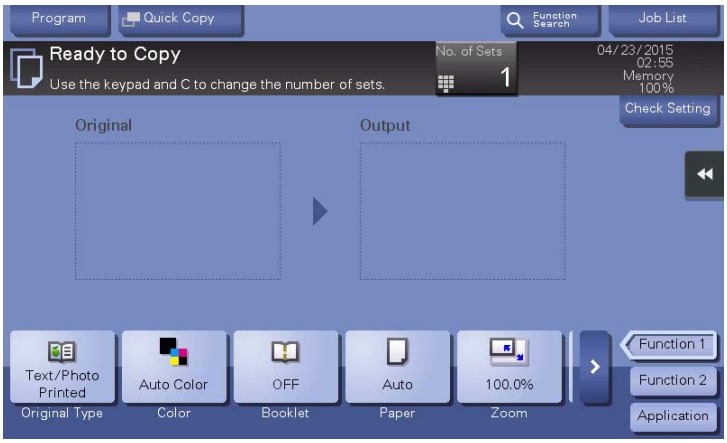
Procedural instruction

✔ This check mark symbol shows a precondition of a procedure.

1 This format number "1" represents the first step.

2 This format number represents the order of serial steps.

➔ This symbol indicates a supplementary explanation of a procedural instruction.



Symbols and notations

⚠WARNING

- Improper handling can cause serious injury or death.

⚠CAUTION

- Improper handling can cause minor injury or damage to houses and property.

NOTICE

This symbol indicates a risk that may result in damage to this machine or documents. Follow the instructions to avoid property damage.

Tips

- This symbol indicates supplemental information of a topic as well as options required to use a function.

Reference

This symbol indicates reference functions related to a topic.

Related setting
This shows the settings related to a particular topic for any user.

Related setting (for the administrator)
This shows the settings related to a topic only for administrators.

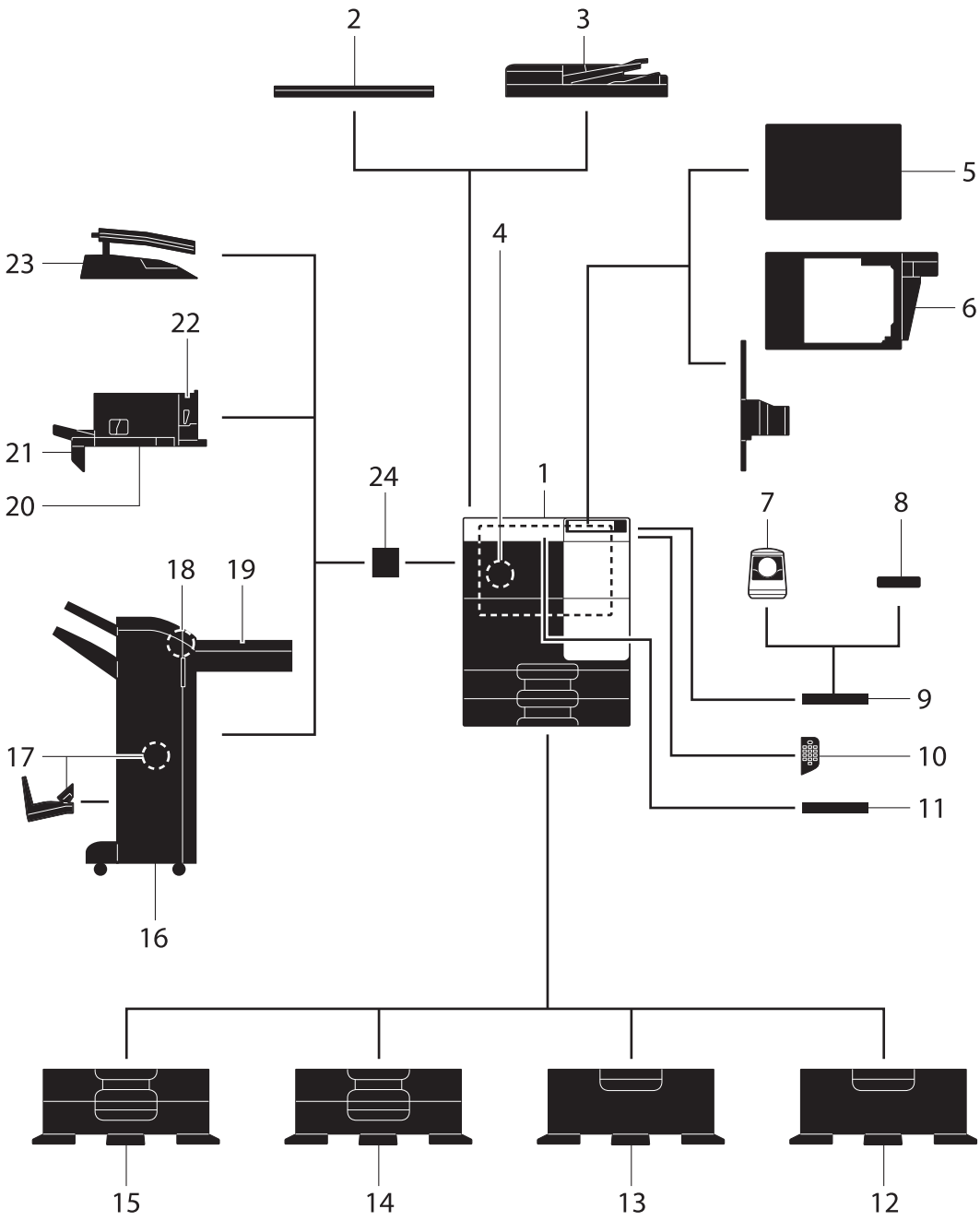
Symbols/Notations	Description
✔	This check mark symbol shows a precondition of a procedure.
➔	This symbol indicates a supplementary explanation of a procedural instruction.
[ ]	An item enclosed by brackets [ ] indicates a key name on the **Touch Panel** or computer screen, or the name of a user's guide.
Bold text	This presents a key name, part name, product name, or option name on the **Control Panel**.

2.3 About this machine

2.3.1 Optional components

Various optional components can be added to meet your office requirements.

List of optional components



No.	Name	Description
1	Main unit	Scans the original in the scanner section, and prints a scanned image in the printer section.
2	**Original Cover OC-514**	Used to fix the loaded originals.
3	**Reverse Automatic Document Feeder DF-628**	Automatically feeds and scans originals by page.
4	**Fax Kit FK-513**	Required to use the fax function. The **Hard Disk** is optional in some areas. When you use the fax function, the optional **Hard Disk** must also be installed in this machine.
5	**Clean Unit CU-101**	Collects small particles (UFP) generated in this machine to prevent them from escaping this machine. The **Mount Kit MK-748** is required to install **Clean Unit CU-101**.
6	**Mount Kit MK-748**	This unit is required to install **Clean Unit CU-101**.
7	**Authentication Unit AU-102**	Performs user authentication by scanning vein patterns in the finger. To install the **Authentication Unit AU-102**, the **Local Interface Kit EK-608** or **Local Interface Kit EK-609** is required in addition to the **Working Table WT-506**.
8	**Authentication Unit AU-201S**	Performs user authentication by scanning information recorded on the IC card or NFC-compatible Android terminal. To install the **Authentication Unit AU-201S**, the **Local Interface Kit EK-608** or **Local Interface Kit EK-609** is required in addition to the **Mount Kit MK-735**. This unit can also be installed on the **Working Table WT-506**.
9	**Working Table WT-506**	Provides an area to temporarily place an original or other materials. This is also used when the **Authentication Unit AU-102** or **Authentication Unit AU-201S** is installed.
10	**Keypad KP-101**	It is equipped on the side of the **Control Panel**. Allows you to enter numbers by using the Hardware **Keypad**.
11	**Keyboard Holder KH-102**	Install this holder to use an external keyboard.
12	**Desk DK-514**	Used to place this machine on the floor.
13	**Paper Feed Cabinet PC-414**	Can load up to 2500 sheets of 8-1/2 × 11 (A4) size paper.
14	**Paper Feed Cabinet PC-214**	Can load up to 500 sheets respectively into the top and bottom trays.
15	**Paper Feed Cabinet PC-114**	Can load up to 500 sheets into the top tray. (The bottom tray is a storage box.)
16	**Finisher FS-534**	Sorts, groups, or staples output sheets as required. To install the **Finisher FS-534**, the **Relay Unit RU-514** and **Output Unit 2 MK-603** are required. Also, **Desk DK-514**, **Paper Feed Cabinet PC-414**, **Paper Feed Cabinet PC-114**, or **Paper Feed Cabinet PC-214** must be installed on this machine.
17	**Saddle Stitcher SD-511**	Used to add the fold/center staple function to the **Finisher FS-534**.
18	**Punch Kit PK-520**	Used to add the punch function to the **Finisher FS-534**.
19	**Relay Unit RU-514**	Required to install the **Finisher FS-534**.
20	**Finisher FS-533**	Sorts, groups, or staples output sheets as required. This unit can be installed in this machine. The **Mount Kit MK-602** and **Output Unit 2 MK-603** are required to install the **Finisher FS-533**.
21	**Mount Kit MK-602**	Required to install the **Finisher FS-533**.
22	**Punch Kit PK-519**	Used to add the punch function to the **Finisher FS-533**.
23	**Job Separator JS-506**	Used to separate output sheets into two trays in the body of the machine. The **Output Unit 2 MK-603** is required to install **Job Separator JS-506**.

No.	Name	Description
24	**Output Unit 2 MK-603**	This unit is required when the **Finisher FS-534**, **Finisher FS-533**, or **Job Separator JS-506** is installed on this machine.

List of other optional components

The following options are built into this machine and are not shown in the figure.

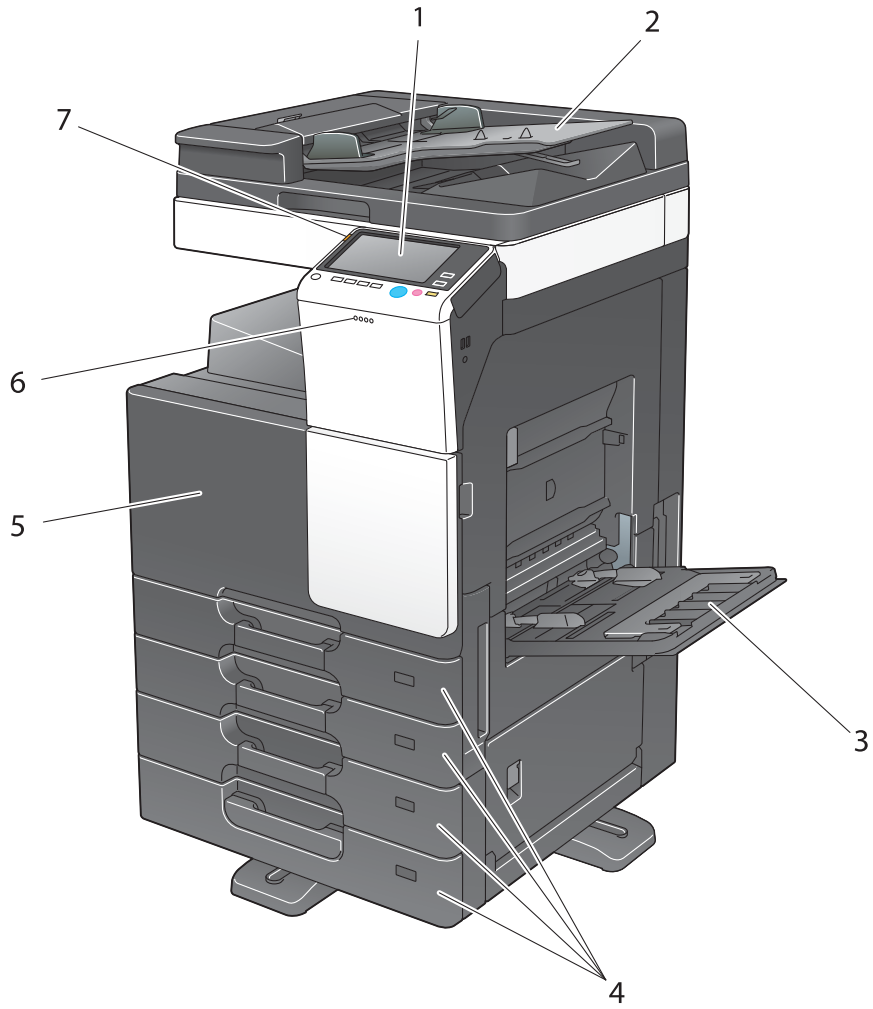
No.	Name	Description
1	**Stamp Unit SP-501**	Stamps a scanned original when sending a fax.
2	**Spare TX Marker Stamp 2**	A replacement stamp for the **Stamp Unit SP-501**.
3	**Local Interface Kit EK-608**	Install this unit when using the **Authentication Unit AU-102**, **Authentication Unit AU-201S**, or **Upgrade Kit UK-212**.
4	**Local Interface Kit EK-609**	Install this unit when using the **Authentication Unit AU-102, Authentication Unit AU-201S, Upgrade Kit UK-212**, or the connection function with a Bluetooth LE-compatible iOS terminal. For details on the connection function with an iOS terminal, refer to the User's Guide DVD.
5	**i-Option LK-102 v3**	Supports the PDF processing function that is one of the advanced functions.
6	**i-Option LK-105 v4**	Supports the searchable PDF function that is one of the advanced functions.
7	**i-Option LK-106**	Used to add a bar code font that is one of special fonts.
8	**i-Option LK-107**	Used to add a unicode font that is one of special fonts.
9	**i-Option LK-108**	Used to add an OCR font that is one of special fonts. In the standard, the OCR-B font (PostScript) is available. Installing the **i-Option LK-108** allows use of the OCR-A font (PCL).
10	**i-Option LK-110 v2**	Supports advanced functions such as a function that converts a file into a DOCX or XLSX type, a function that generates highly-functional and high quality data, and the E-mail RX Print function. **i-Option LK-110 v2** includes the function licenses for **i-Option LK-102 v3** and **i-Option LK-105 v4**. If you purchase **i-Option LK-110 v2**, you do not need to purchase **i-Option LK-102 v3** or **i-Option LK-105 v4**. For details on the available functions, refer to the User's Guide DVD.
11	**i-Option LK-111**	Supports the ThinPrint function that is one of the advanced functions.
12	**i-Option LK-114**	Supports the universal print function that is one of the advanced functions.
13	**i-Option LK-115 v2**	You can use TPM (Trusted Platform Module) that is one of the advanced functions. Security enhancement is realized by encrypting confidential information such as certificates and passwords of this machine.
14	**Upgrade Kit UK-211**	• Install this unit when using **i-Option LK-102 v3**, **LK-105 v4**, **LK-106**, **LK-107**, **LK-108**, **LK-110 v2**, or **LK-114**. • Install this unit when using My Address in association with **My Panel Manager**. This unit is referred to as **Extension Memory** in the manual. The **Hard Disk** is optional in some areas. When installing the optional **Extension Memory**, the optional **Hard Disk** must also be installed in this machine.
15	**Upgrade Kit UK-212**	Allows you to use this machine in a wireless network environment. To install the **Upgrade Kit UK-212**, the **Local Interface Kit EK-608** or **Local Interface Kit EK-609** is required.
16	**Heater HT-509**	Prevents paper in a paper tray from being affected by humidity. The **Heater HT-509** can be mounted when you purchase the **Paper Feed Cab-inet PC-114**, **Paper Feed Cabinet PC-214**, **Paper Feed Cabinet PC-414**, or **Desk DK-514**.

No.	Name	Description
17	**Power Supply BOX MK-734**	Turns on/off the **Heater HT-509** operations. The **Power Supply BOX MK-734** can be mounted when you purchase the **Paper Feed Cabinet PC-114**, **Paper Feed Cabinet PC-214**, **Paper Feed Cabinet PC-414**, or **Desk DK-514**.
18	**Mount Kit MK-735**	Required to use the machine unit that has **Authentication Unit AU-201S** built in to it.
19	**Hard Disk HD-522**	Used to increase the hard disk storage capacity to add functions. The hard disk is installed as standard in North America and Europe.

2.3.2 Name of parts (MFP)

Front

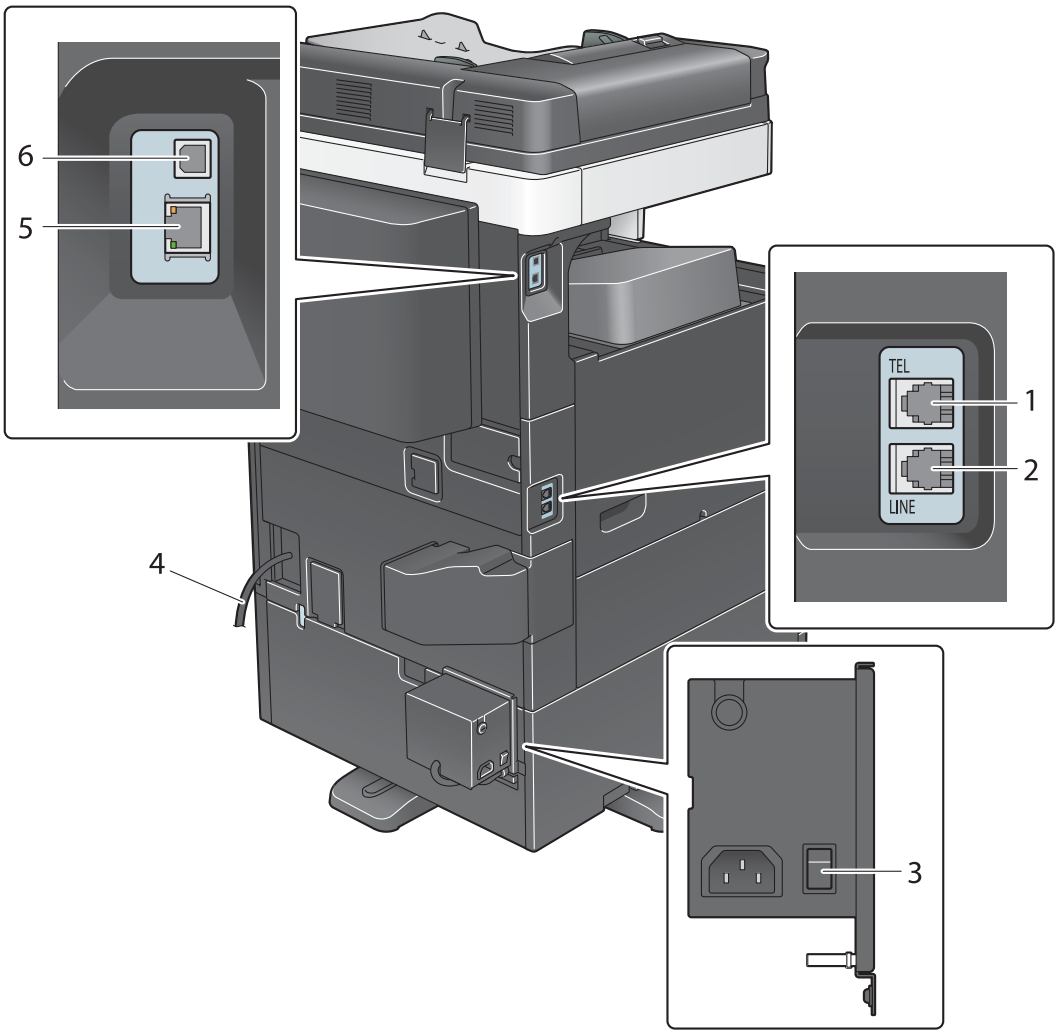
The illustration shows the main unit that contains the **Reverse Automatic Document Feeder DF-628** and **Paper Feed Cabinet PC-214**.



No.	Name	Description
1	**Control Panel**	Use the **Touch Panel** or buttons on this panel to operate this machine.
2	**Original Tray**	Load the original.
3	**Bypass Tray**	Used to load custom-size paper or special paper.
4	**Paper Tray**	Used to load standard-size paper. The number of trays varies depending on the installed **Paper Feed Cabinet**.
5	**Front Door**	Open this door to replace consumables or to maintenance this machine.
6	**Data Indicator**	Flashes blue while this machine is receiving a job. If a job is currently spooled, this indicator lamp lights up blue.
7	**Warning Indicator**	Flashes orange if a warning occurs. Lights up orange if this machine has stopped due to an error.

Side/rear

The illustration shows the main unit that contains the **Reverse Automatic Document Feeder DF-628**, **Paper Feed Cabinet PC-214**, **Fax Kit FK-513**, **Power Supply BOX MK-734**, **Clean Unit CU-101**, and **Mount Kit MK-748**.



No.	Name
1	**Jack for connecting a telephone (TEL PORT)**
2	**Telephone Jack 1 (LINE PORT)**
3	**Heater Power Switch**
4	**Power Cord**
5	**Network Connector (10Base-T/100Base-TX/1000Base-T)**
6	**USB Port (Type B) USB2.0/1.1**

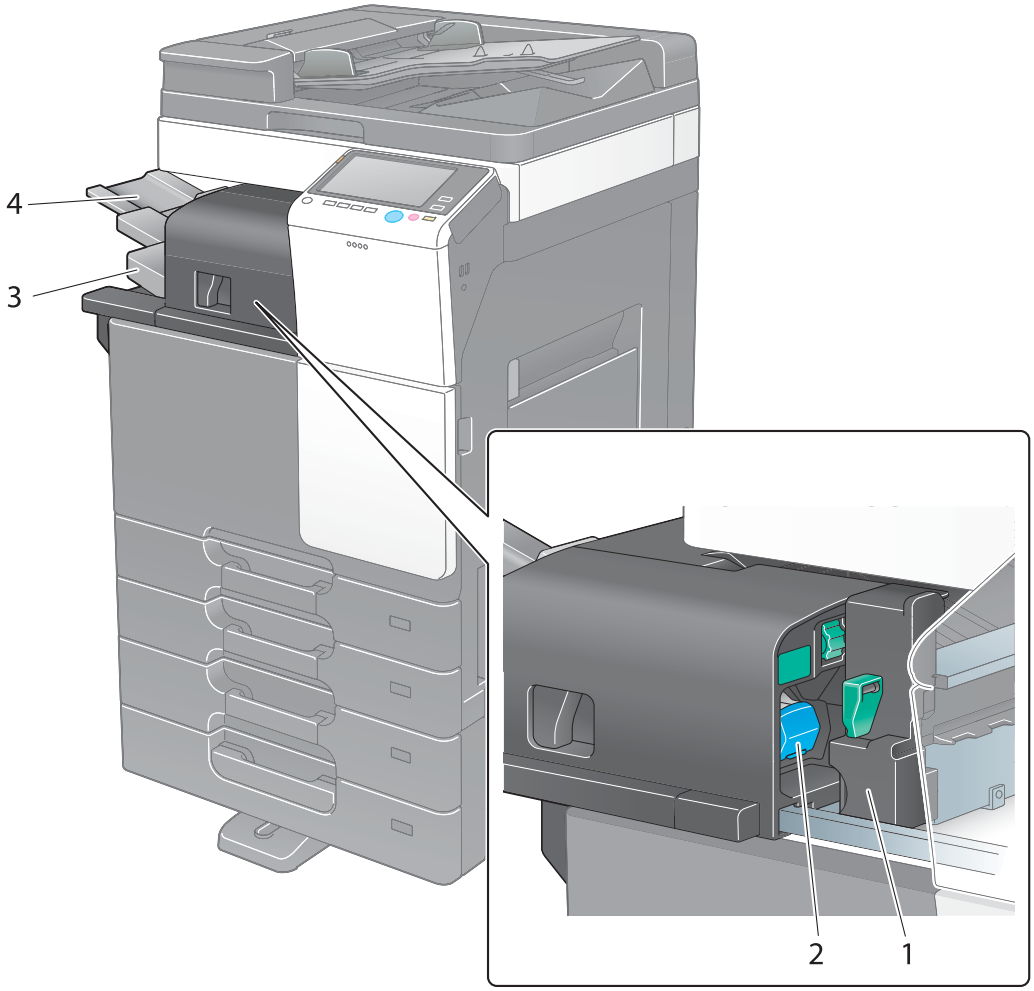
Reference

For details, refer to the User's Guide DVD.

2.3.3 Name of parts (Optional units)

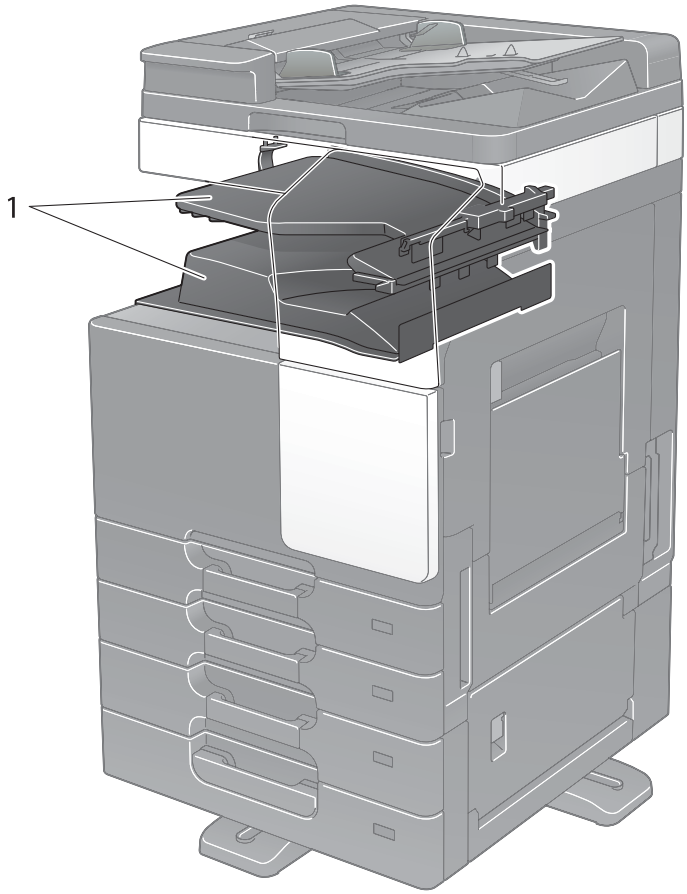
This section shows the names of distinctive parts for each optional unit that can be installed in this machine.

Finisher FS-533, Punch Kit PK-519



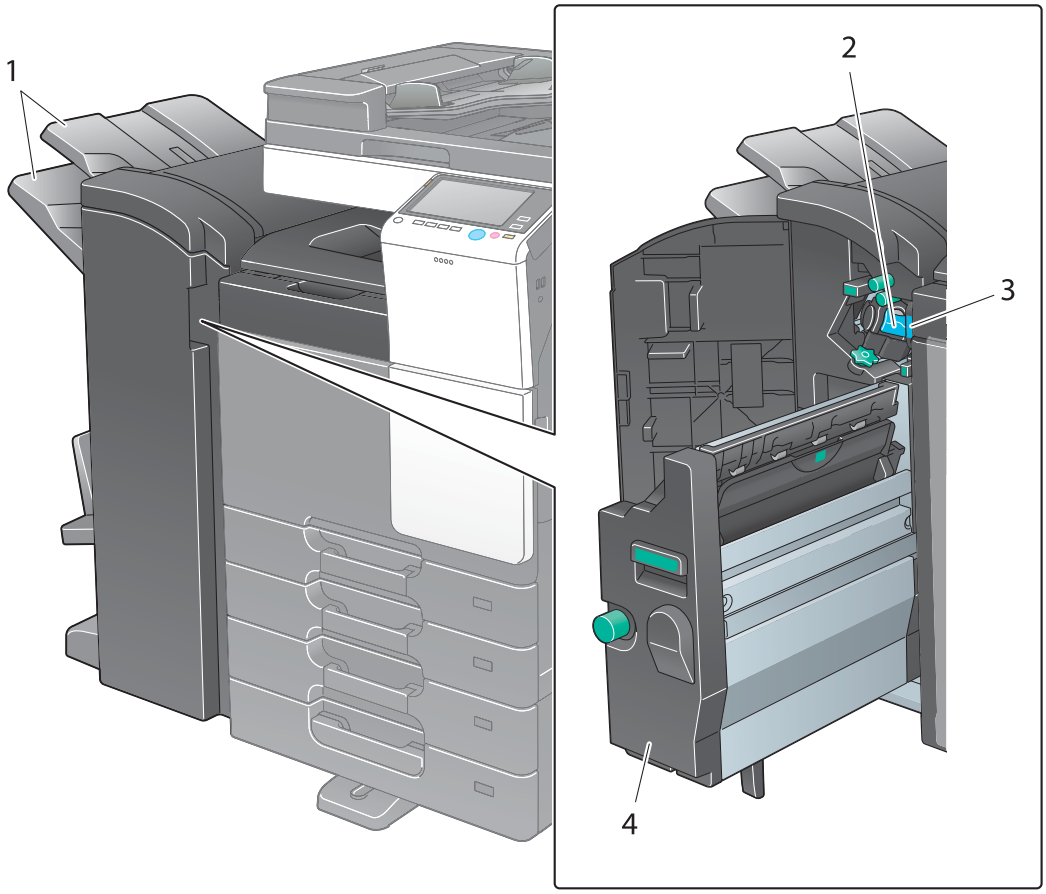
No.	Name
1	**Punch Kit**
2	**Staple Cartridge**
3	**Output Tray**
4	**Tray Extension**

Job Separator JS-506

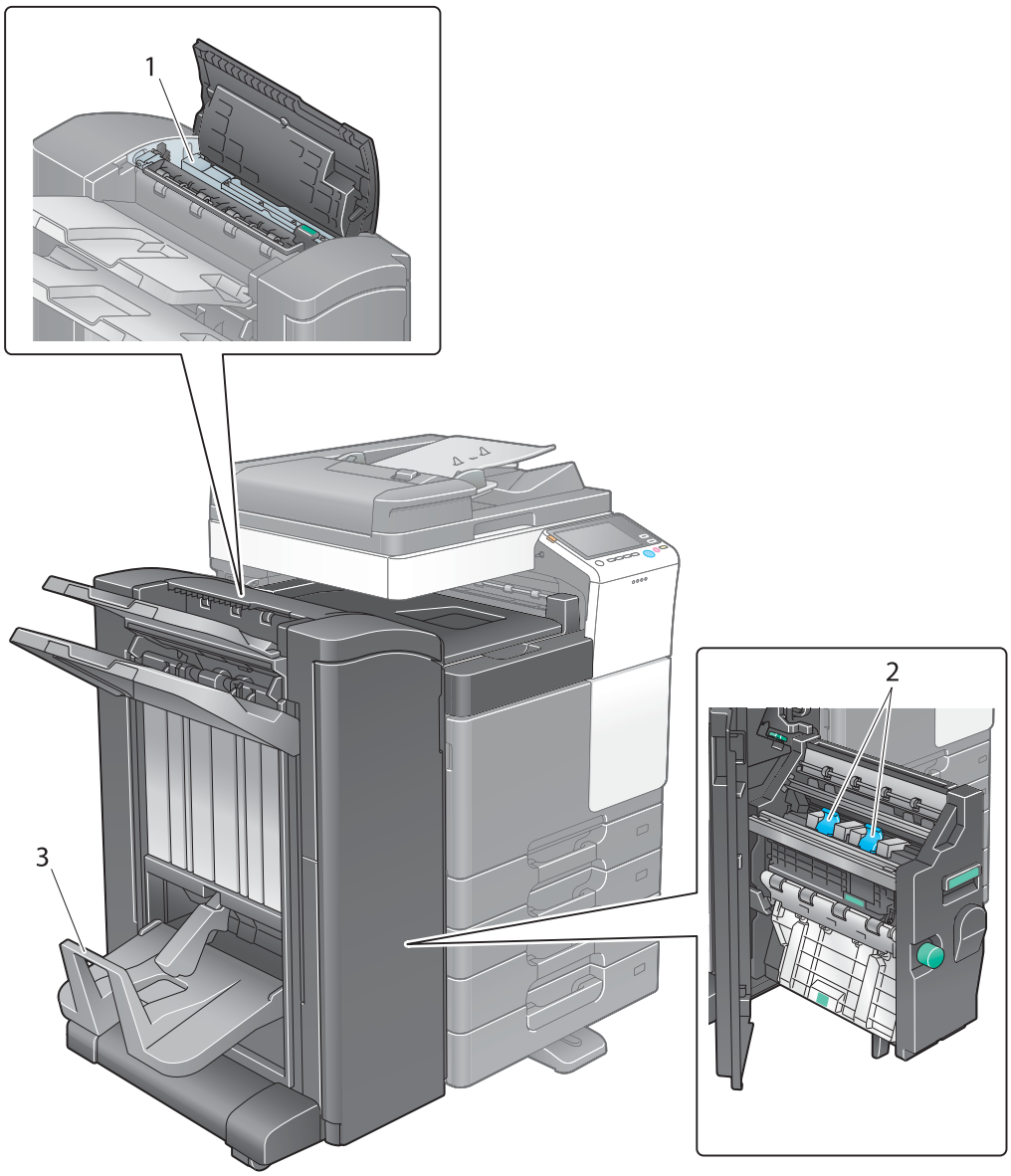


No.	Name
1	Output Tray

Finisher FS-534, Saddle Stitcher SD-511, Punch Kit PK-520



No.	Name
1	**Output Tray**
2	**Staple Cartridge**
3	**Punch Scrap Box**
4	**Saddle Stitcher**



No.	Name
1	**Punch Kit**
2	**Staple Cartridge**
3	**Folding Output Tray**

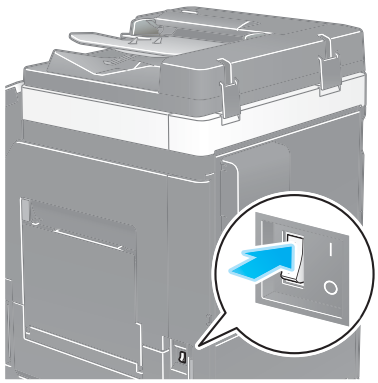
2.4 Power supply

This machine provides two power switches: **Power** key on the **Control Panel** and **Main Power Switch** on the machine. Under normal conditions, operate the **Power** key of the **Control Panel**. Use **Main Power Switch** to restart this machine.

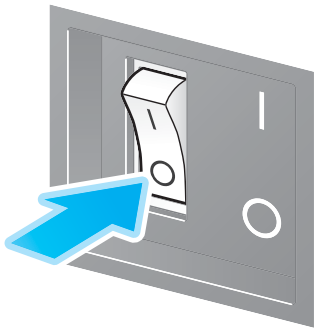
2.4.1 Turning the power on and off

Turn the power on and off only when necessary, for example, when the administrative settings are changed or a power failure occurs.

1 Press n on the **Main Power Switch**.



2 Press ○ on the **Main Power Switch**.



NOTICE

*To restart this machine, turn the **Main Power Switch** off and on again after 10 or more seconds have passed.*

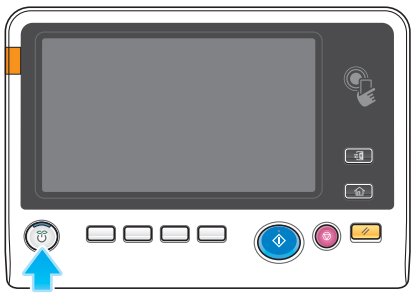
2.4.2 Operating the Power key

To immediately shift to the power save mode, for example, when work is finished or when not operating this machine for a long period of time, press the **Power** key.

The machine shifts to different power save modes depending on how long the **Power** key is pressed.

Pressing the **Power** key briefly during operation shifts to the low power or sleep mode. Holding down the Power key shifts to the Sub Power OFF mode.

To return this machine from the power save mode to the normal mode, press the **Power** key again.



Status of this machine		Description
Power Save mode	Low Power or Sleep mode	Flashes blue. This machine returns to the normal mode when data or faxes are received.
	Sub Power OFF mode	Lights up orange. This machine can receive data or faxes, but cannot scan or print an original. If data or faxes are received when the machine is in the Sub Power OFF mode, they are printed when the machine returns to the normal mode.
Normal mode	During operation	Lights up blue.

2.4.3 Power save function

If the specified time elapses after the machine becomes inactive, the machine automatically shifts to the power save mode; for example, the **Touch Panel** display is turned off. The **Power** key flashes blue in the power save mode. The power save mode returns to the normal mode by pressing any key on the **Control Panel** for instance.

There are two power save modes: the low power mode and the sleep mode. Sleep mode provides a greater power saving effect than Low Power mode. However, the time required to return to Normal mode is longer than the time required to revert to Low Power mode.

Reference

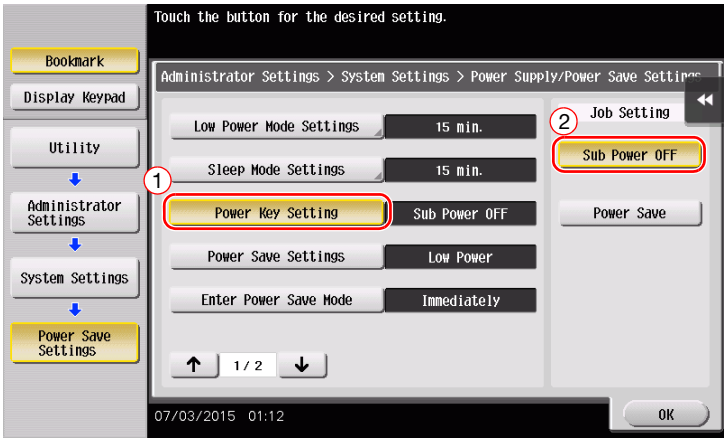
The time required to shift to each mode can be changed in the Administrator Settings. For details, refer to the User's Guide DVD.

Reducing power consumption

To reduce power consumption in the standby state, change [Power Key Setting] to [Sub Power OFF].

Tap [Utility], and select [Administrator Settings] - [System Settings] - [Power Supply/Power Save Settings] - [Power Key Setting].

For information on the default administrator password, refer to the User's Guide CD/DVD.



After the setting is changed, the power save mode shifts as shown below depending on how the **Power** key is pressed.

- Pressing the **Power** key
  - This machine shifts to the Sub Power OFF mode.
  - In the Sub Power OFF mode, the machine can receive data or faxes, but cannot scan or print an original.
  - If data or faxes are received when the machine is in the Sub Power OFF mode, they are printed when the machine returns to the normal mode.
- Holding down the **Power** key
  - This machine shifts to the ErP Auto Power OFF mode.
  - In the ErP Auto Power OFF mode, this machine cannot receive data or faxes and also cannot scan or print an original.
  - This function provides a greater power saving effect than the Sub Power OFF mode, which is close to the state where the main power is turned off.

To enable the machine to return to the normal mode from the Sub Power OFF or ErP Auto Power OFF mode, press the **Power** key again.

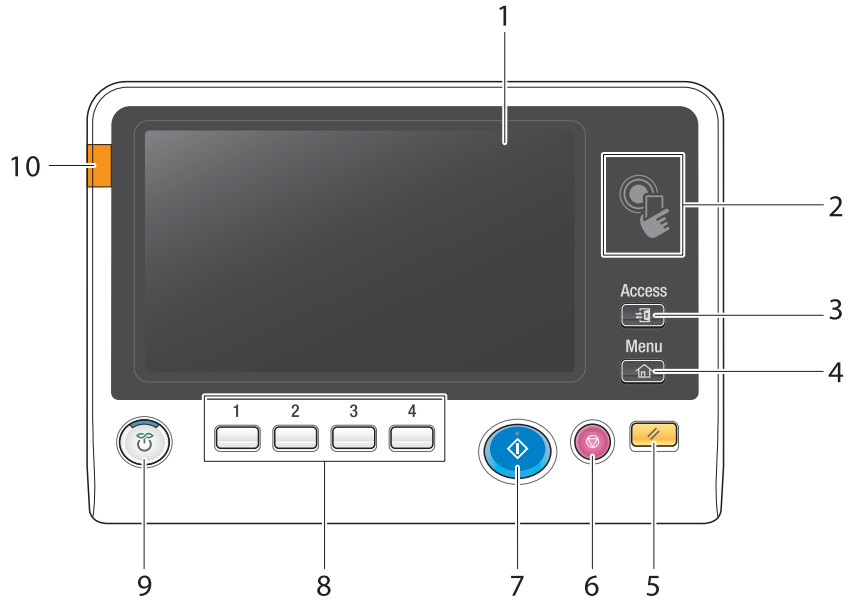
Reference

For details, refer to the User's Guide DVD.

2.5 Control Panel

The optional **Keypad KP-101** is equipped on the right side of the **Control Panel**.

2.5.1 Name of parts



No.	Name	Description
1	**Touch Panel**	Various screens and messages are displayed. Directly touch the **Touch Panel** to configure each setting.
2	Mobile touch area	Used to associate this machine with an NFC-compatible Android terminal. You can place an Android terminal with **ineoPRINT for Android** installed on the mobile touch area to establish a pairing with this machine or to perform user authentication. This area is also used to associate this machine with an iOS terminal that supports Bluetooth LE. The optional **Local Interface Kit EK-609** is required to use the Bluetooth LE function. You can place an iOS terminal with **ineoPRINT for iPhone/iPad** installed on the mobile touch area to establish a pairing with this machine or to perform user authentication. For details, refer to the User's Guide DVD.
3	**Access**	If user authentication or account track is enabled, enter the user name and password for user authentication or the account name and password for account track, then press this key to start the use of this machine. After a target operation is completed, press this key once again to end the use of this machine.
4	**Menu**	Press this key to display the main menu.
5	**Reset**	Press this key to reset all settings, excluding the registered ones, that you entered using the **Control Panel**.
6	**Stop**	Press this key to temporarily stop an active copy, scan, or print job.
7	**Start**	Press to start the copy, scan or fax operation.

No.	Name	Description
8	**1** - **4**	Press each key to switch the display of the **Touch Panel** to a function assigned to a Register key. • **1** ([Enlarge Display]): Enters Enlarge Display mode. • **2** ([Guidance]): Press this key to display the Help Menu. You can display descriptions of the functions and operating procedures on the screen. • **3** ([10 Keypad]): Displays the **Keypad** on the **Touch Panel**. • **4** ([Preview]): Press this key to display a finishing image with the current settings on the **Touch Panel**. This function can also print a single proof copy to be checked before printing a large number of copies. These keys can be assigned to any function in the Administrator Settings to be easy to use.
9	**Power**	Press this key to switch to the power save mode. In the normal mode, the key lights up blue. In the power save mode, the key blinks blue or lights up orange. To create a higher power saving effect, you can change the setting in [Power Key Setting] of Administrator Settings. For [Power Key Setting], refer to page 2-20.
10	**Warning Indicator**	Flashes orange if a warning occurs. Lights up orange if this machine has stopped due to an error.

Equipped with the optional **Keypad KP-101**

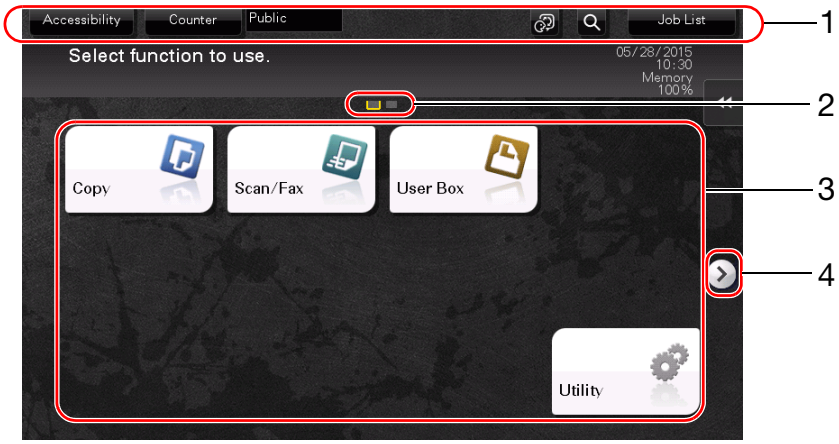
No.	Name	Description
1	**Keypad**	Use this **Keypad** to enter numeric values such as the number of copies, zoom ratio, and fax number.
2	**C** (Clear)	Press this key to cancel numeric values such as the number of copies, zoom ratio, and size you entered using the **Keypad**.

2.6 Touch Panel

2.6.1 Main menu

Press **Menu** on the **Control Panel** to display the main menu. In the main menu, you can configure settings such as frequently used functions or a shortcut key for jumping to each mode.

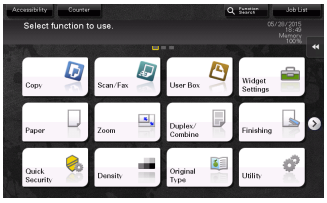
Layout of main menu

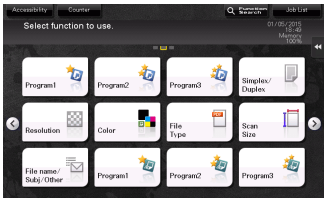


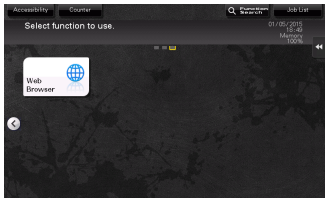
No.	Name	Description
1	[Accessibility]	Tap this button to adjust a **Touch Panel** pressing position, change keying sounds, and configure the operating environment of the **Control Panel**.
	[Counter]	Tap this button to display the total number of pages printed on this machine on a function or color basis.
	User/Account Name	This area displays the name of the current login user or the account track name when User Authentication or Account Track is enabled. When User Authentication and Account Track are used together, the user name is displayed.
	[Language]	Tap this button to temporarily change the language to be displayed on the panel. For details on how to display [Language], refer to the User's Guide DVD.
	[Function Search]	Tap this button to search for copy settings or fax/scan settings to go to the target function screen from the search result.
	[Job List]	Tap this button to display current or standby jobs. If necessary, you can check job logs or print a communication report. This list displays the operation status of the current job when it is running. For details, refer to page 2-31.
2	Page Indicator	Allows you to check which page is currently displayed when main menu keys are assigned to multiple pages.
3	Main menu keys	Display shortcut keys assigned to any function. By default, the main menu shows [Copy], [Scan/Fax], [User Box], and [Utility]. • The **Hard Disk** is optional in some areas. To display [User Box], the optional **Hard Disk** must be installed in this machine.
	[Utility]	Tap this button to configure settings of this machine or view the use status of this machine. • [Utility] is always displayed.
4	Page switching key	Tap this key to switch pages when main menu keys are assigned to multiple pages.

Customizing the main menu

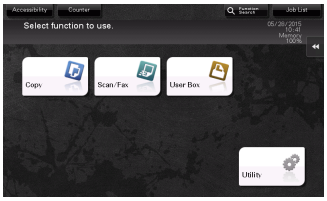
The main menu can be extended to three screens as necessary. Up to 25 keys can be assigned to three main menu screens which can be switched.

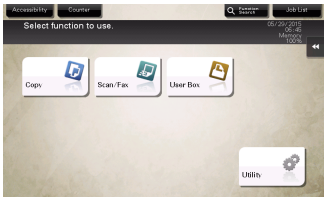


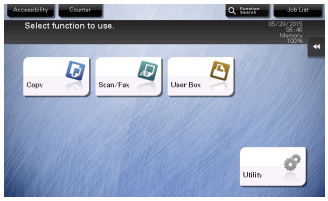




In addition, you can specify your favorite background pattern. If necessary, you can add a background pattern by registering an image on this machine.





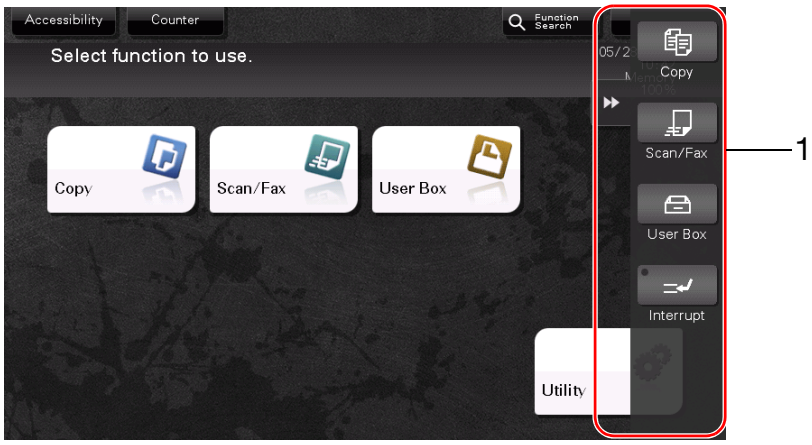


Reference

For details, refer to the User's Guide DVD.

2.6.2 Slide menu

Tapping a tab key on the **Touch Panel** slides open the menu. The setting of the slide menu can be changed to suit your environment.



No.	Name	Description
1	Tab key	Tap this key to open and close the slide menu.
	Slide menu key	Display function keys assigned to any function. By default, the main menu shows [Copy], [Scan/Fax], [User Box], and [Interrupt]. • The **Hard Disk** is optional in some areas. To display [User Box], the optional **Hard Disk** must be installed in this machine.

Customizing the slide menu

Up to five slide menus can be set.

You can configure the setting to prevent the slide menu. Also, you can display the **Keypad** or change the background color.

Reference

For details, refer to the User's Guide DVD.

2.6.3 Operating the Touch Panel

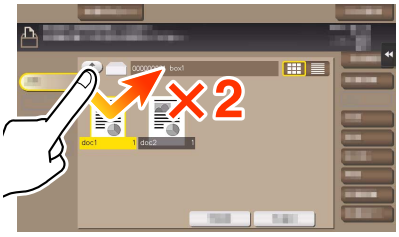
The **Touch Panel** of this machine supports user-friendly operations, such as, sliding a finger on the Touch Panel.

Tap

Lightly touch the screen with your finger, then remove your finger from the screen immediately. This action can select or determine a menu.

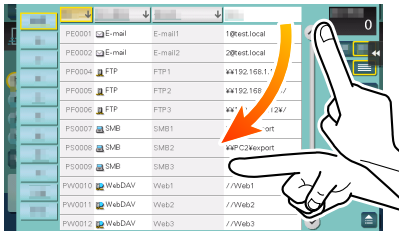
Double-tap

Lightly touch the screen with your finger twice in succession. Used to retrieve detailed information, to enlarge a thumbnail or preview image, and to open a User Box.



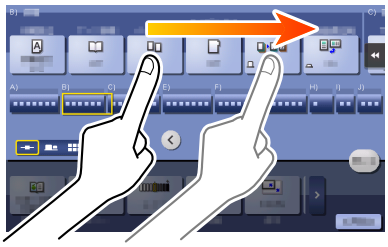
Flick

Make a slight fillip while sliding your finger on the screen. Used to scroll the destination/job list or to feed a page in the Main menu screen/Preview screen.



Drag

To move the scroll bar or document, place your finger on it and move your finger. Used to move the scroll bar or document.

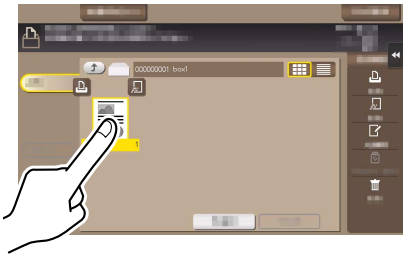


Pan

Slide your finger parallel in a front-to-back and side-to-side direction on the screen. Used to move to the intended display location if data spans multiple screens.

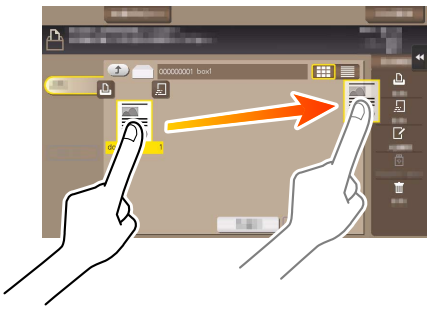
Long-tap

Hold down the document by the finger. Used to display the icon related to the document.



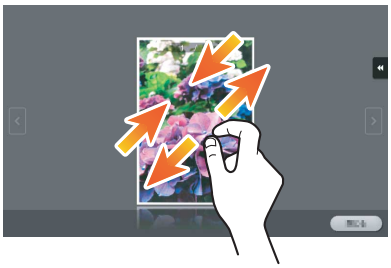
Drag & Drop

Slide your finger to the intended place and release it while a document is selected. Used to move the document to the intended place.



Pinch in/Pinch out

Place two fingers on the screen and then open or close them. Used to enlarge or reduce a preview image.



Rotation

Place two fingers on the screen and then rotate them. Used to rotate a preview image.

Precautions on using the Touch Panel

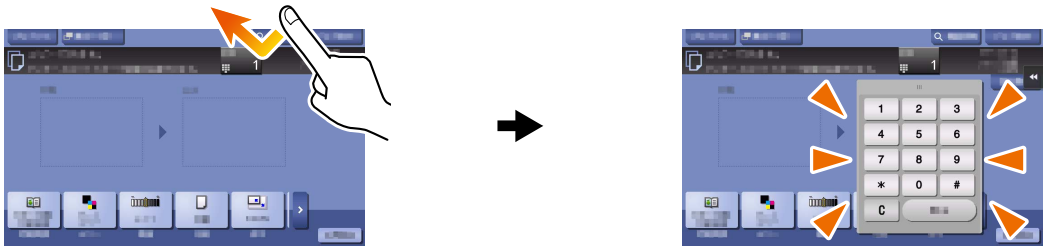
Note the following points when operating the **Touch Panel**.

- Applying a strong force to the **Touch Panel** will damage the **Touch Panel**, and potentially cause a breakage.
- When operating in the **Touch Panel**, do not press on it using excessive force or with a pointed object such as a mechanical pencil.

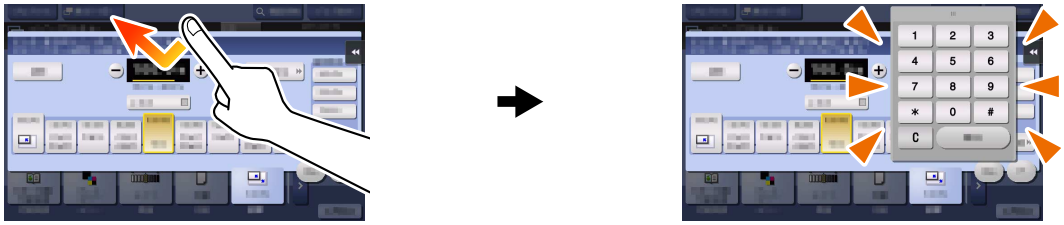
2.6.4 How to display the Keypad

When tapping the input area on the copy screen and etc. for entering the number of copies or entering adjustment values, the **Keypad** will be displayed.
It can also be displayed by pressing the **10 Keypad** key (default: Register key **3**).

Input area for entering the number of copies



Input area for entering values



How to move the Keypad

Move your finger while the upper side of **Keypad** is being pressed.

How to close the Keypad

After entering, tap [Close] to close the **Keypad**.
It can also be closed by pressing the **10 Keypad** key (default: Register key **3**).

To display the Keypad all the time

The **Keypad** can always be displayed to enable entry of the number of copies on the copy screen, User Box print setting screen, or browser print setting screen.

Reference

For details, refer to the User's Guide DVD.

2.6.5 Entering characters

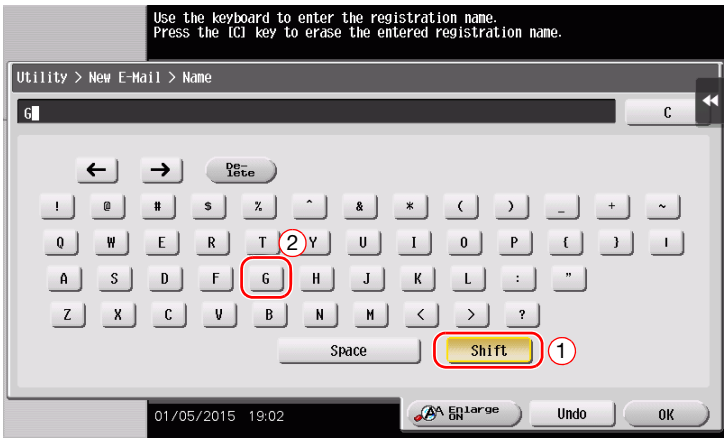
When entering characters to register an address or program, use the keyboard screen displayed on the **Touch Panel**.

When typing in "Group1":

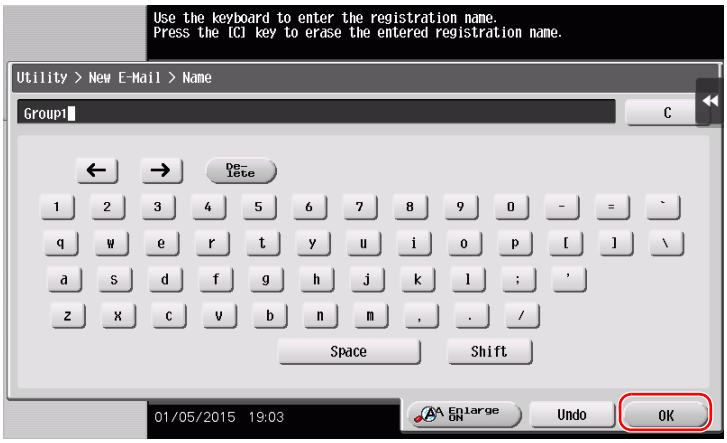
1 To type in uppercase letters or symbols, tap the [Shift] key.

➔ If you mistyped, tap [←] or [→] to move the cursor to the character you want to clear, then tap the [Delete] key.

➔ Tap the [Shift] key again to return to the original keyboard screen.



2 After typing completes, tap [OK].



2.7 Jobs

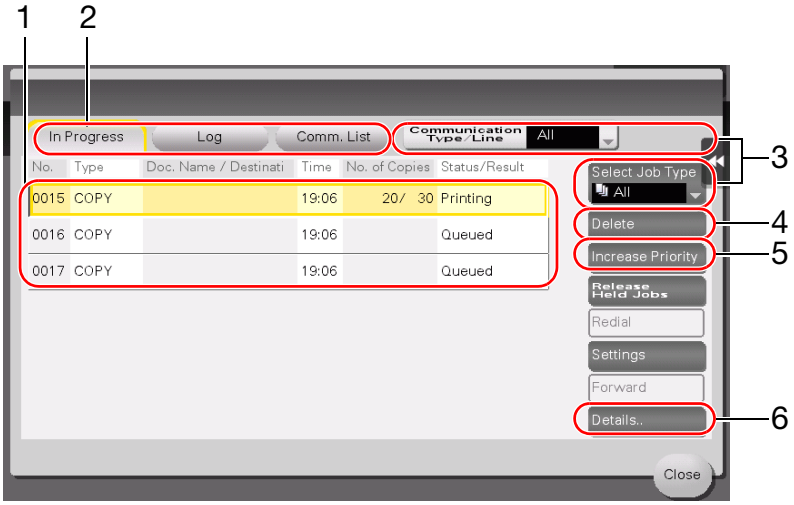
2.7.1 Job screen

A job refers to an operation such as printing, sending, receiving, or saving.

When you tap [Job List] in the main menu or the main screen of each mode, the Job screen appears.

In the Job screen, you can view a list or history of a job currently being executed or print a sending-receiving result report.

In general, jobs are executed starting from the job at the top of the list of currently active jobs. If you are in a hurry to execute any particular jobs, you can rearrange the job execution order.



No.	Description
1	Displays jobs.
2	Select a job type. In [Comm. List], you can also print a sending-receiving result report.
3	Tap this button to narrow down the jobs to be displayed.
4	Tap this button to delete a job.
5	Tap this button to select a job to be executed preferentially.
6	Tap this button to view details of a selected job.

Reference

For details, refer to the User's Guide DVD.

2.7.2 Multi-job function

While a job is active, you can register another job. Up to 259 jobs can be registered in total.

The **Hard Disk** is optional in some areas. If the **Hard Disk** is not installed in this machine, up to 82 jobs, including all types of jobs, can be registered.

The table below shows the maximum number of jobs that can be registered for each function.

Function	Minimum number of jobs	Maximum number of jobs
Copy	6	62
Print	10	66
Fax memory TX + Scan	56	112
Fax RX	100	156
Sharing	56	-

These values may vary depending on conditions.

2.8 Loading paper

2.8.1 Loading paper in Tray 1 to Tray 4

Up to 500 sheets of plain paper can be loaded into each tray. **Tray3** and **Tray4** are optional.

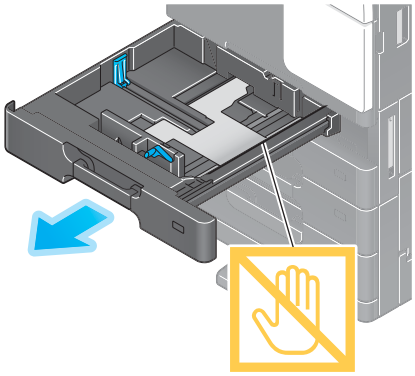
Applicable paper types

Plain paper, single-side-only paper, special paper, thick paper, letterhead, colored paper, and recycled paper

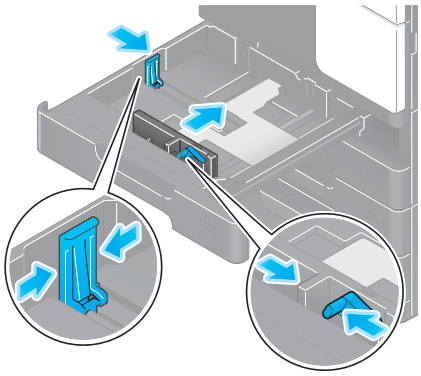
How to load paper

1 Pull out the tray.

NOTICE
*Be careful not to touch the **Film**.*

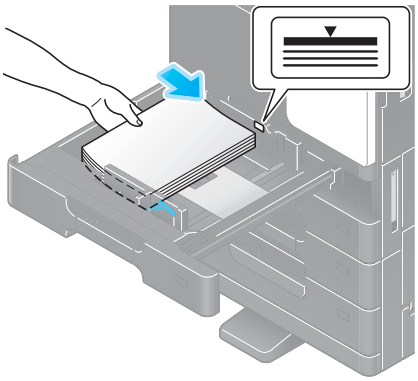


2 Slide the **Lateral Guide** to fit the size of the paper to be loaded.



3 Load paper into the tray.

➔ Load paper into the tray with the print side facing up.



4 When loading paper other than plain paper, specify the paper type.

➔ For details, refer to the User's Guide DVD.

2.8.2 LCT (built-in)

Up to 2500 sheets of plain paper can be loaded into the **LCT (built-in)**. The **LCT (built-in)** is an option.

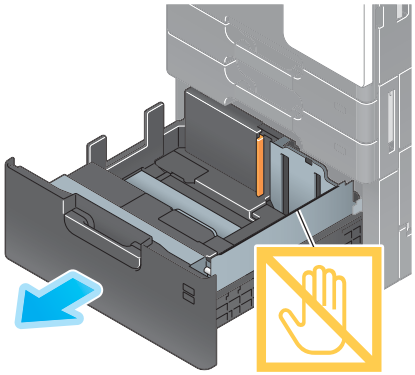
Applicable paper types

Plain paper, single-side-only paper, special paper, thick paper, letterhead, colored paper, and recycled paper

How to load paper

1 Pull out the tray.

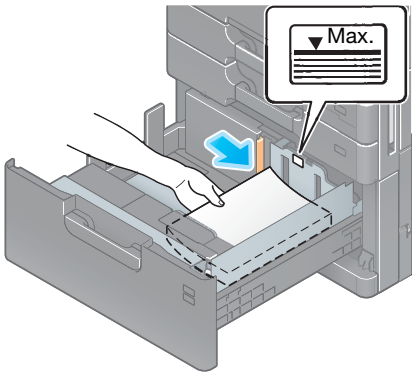
NOTICE
*Be careful not to touch the **Film**.*



2 Load paper into the right tray.

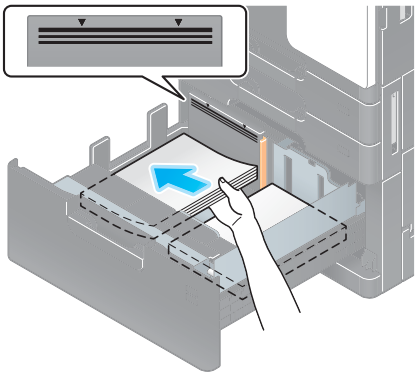
➔ Load paper into the tray with the print side facing up.

NOTICE
Do not load the tray with paper of a size other than that previously specified. To change the paper size, contact your service representative.



3 Load paper into the left tray.

➔ Load paper into the tray with the print side facing up.



4 When loading paper other than plain paper, specify the paper type.

➔ For details, refer to the User's Guide DVD.

2.8.3 Bypass Tray

Use the **Bypass Tray** when printing on a paper size other than for paper trays, or printing on envelopes or transparencies.

To use the **Bypass Tray**, load paper and specify the paper type.

Applicable paper types

Plain paper, single-side-only paper, special paper, thick paper, postcard (4 × 6 (A6 Card)), transparency, letterhead, colored paper, envelope, label sheets, index paper, recycled paper, and banner paper

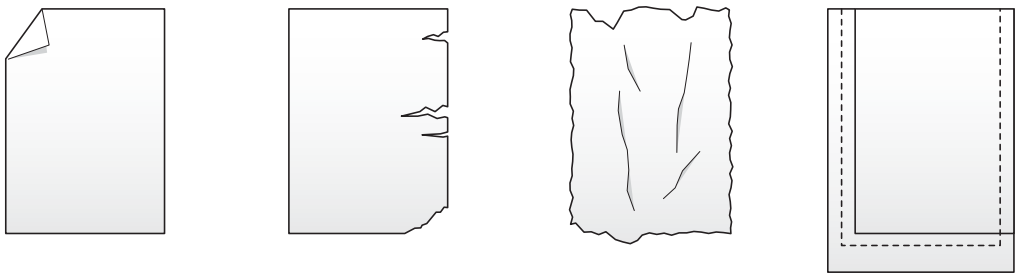
Applicable paper sizes

Type	Size
Standard-size paper	11 e 17 ▭ to 5-1/2 × 8-1/2 ▭/▯, 4 × 6 ▭, A3 ▭ to A6 ▭, B4 ▭ to B6 ▭, A6 card ▭, 8 × 13 ▭, 16K ▭/▯, 8K ▭, banner paper, envelope (B5 ▭ (6-15/16 inches × 9-13/16 inches (176 mm × 250 mm)), C4 ▭ (9 inches × 12-3/4 inches (229 mm × 324 mm)), C5 ▭ (6-3/8 inches × 9 inches (162 mm × 229 mm)), C6 ▭ (6-3/8 inches × 4-1/2 inches (162 mm × 114 mm)), DL ▭ (8-11/16 inches × 4-5/16 inches (220 mm × 110 mm)), Com10 (4-1/8 inches × 9-1/2 inches (104.7 mm × 241.3 mm)), Monarch (3-7/8 inches × 7-1/2 inches (98.4 mm × 190.5 mm)))
Custom-size paper	Paper width: 3-9/16 to 11-11/16 inches (90 mm to 297 mm) Paper length: 5-1/2 to 47-1/4 inches (139.7 mm to 1200 mm)

Paper not available

Do not load the following paper into the **Bypass Tray**. Doing so may cause a paper jam or damage to the machine.

- Folded, torn or creased paper, or bundles of sheets of different sizes



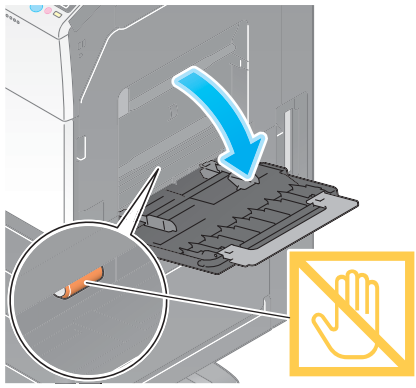
How to load paper

1 Open the **Bypass Tray**.

➔ To load large-sized paper, pull out the **Tray Extension**.

NOTICE

*Exercise care not to touch the surface of the **Paper Feed Roller** with your hands.*



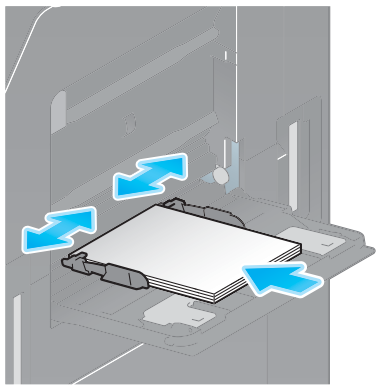
2 Load paper with the print side facing down, then align the **Lateral Guide** to the paper.

➔ Insert paper into the tray until their edges are pressed against the back.

NOTICE

Do not load an excessive number of sheets such that the top of the stack is higher than the ▼ mark.

If paper is curled, flatten it before loading it.



3 Select the paper type and paper size.

➔ When loading paper other than plain paper, change the paper type setting.

➔ When loading custom sized paper, change the paper type setting.

➔ For details, refer to the User's Guide DVD.

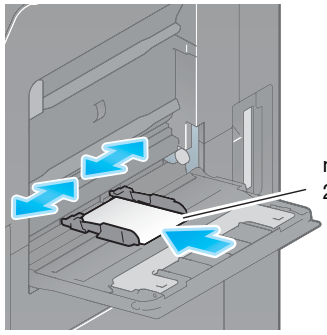
Loading postcards

Up to 20 postcards can be loaded into the tray.

1 Load postcards in the ▭ direction as shown in the figure with the print side facing down, then align the **Lateral Guide** to the paper.

➔ Insert postcards into the tray until their edges are pressed against the back.

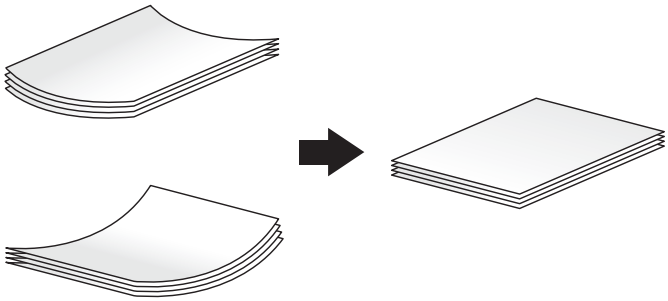
The screen for selecting the paper type and paper size appears.



NOTICE

*When loading postcards into the **Bypass Tray**, note the following points.*

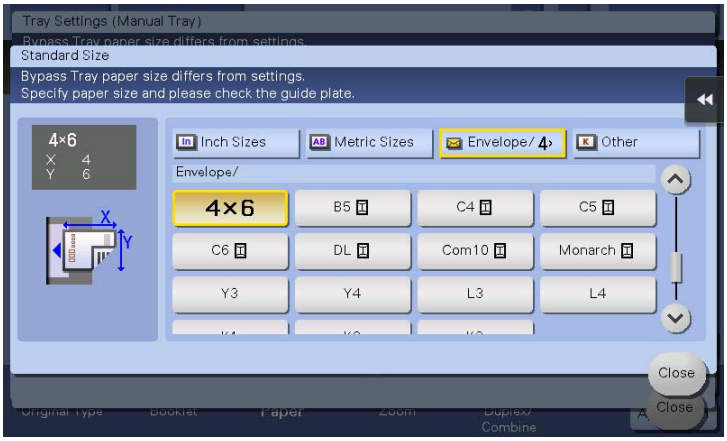
When loading curled postcards, uncurl the postcards as shown in the figure in advance.



2 Change the paper size setting.

➔ Select [4 × 6] ([A6 Card]) from [Paper Size options] in [Paper Size].

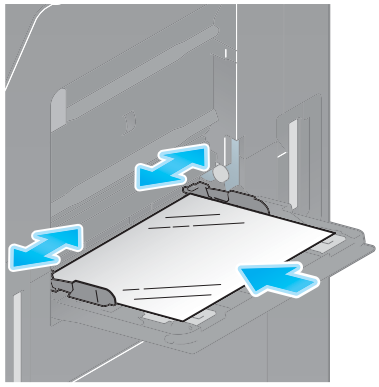
➔ If [4 × 6] ([A6 Card]) is not displayed for [Paper Size options], select [4 × 6] ([A6 Card]) from [Other Size] - [Envelope/4 × 6]. Selecting [4 × 6] ([A6 Card]) sets [Paper Type] to [Thick3].



Loading transparencies

Up to 20 transparencies can be loaded into the tray.

1 Load transparencies in the direction as shown in the figure with the print side facing down, then align the **Lateral Guide** to the paper.



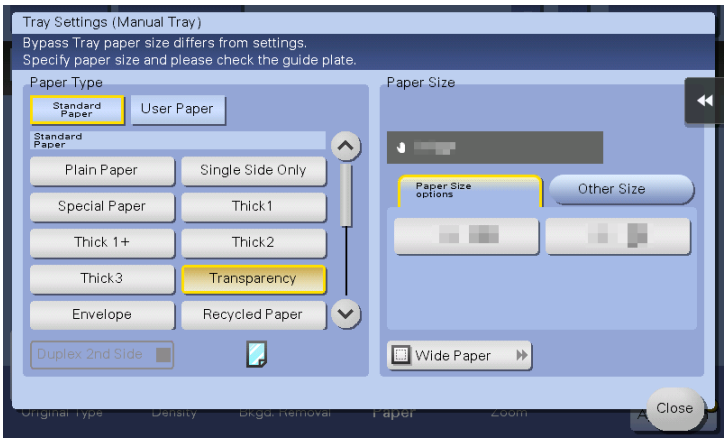
➔ Insert transparencies into the tray until their edges are pressed against the back.

The screen for selecting the paper type and paper size appears.

2 Change the paper type setting.

➔ Select [Transparency] from [Paper Type].

➔ Transparencies can only be printed in black. When the color function is other than black and [Transparency] is selected, check the displayed message, and tap [Yes].



3 Change the paper size setting.

➔ Select the paper size from [Paper Size options] in [Paper Size].

➔ If the paper size you want to use is not displayed for [Paper Size options], select the paper size from [Other Size].

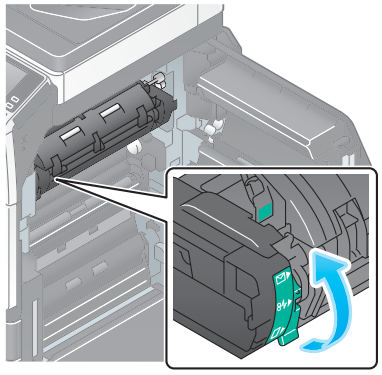
Loading envelopes

Up to 10 envelopes can be loaded into the tray.

Image of a long envelope

Image of a Western-style envelope

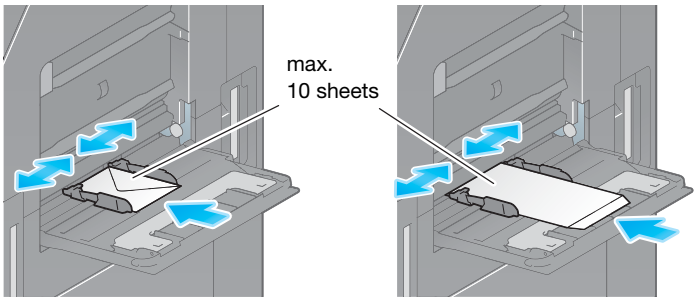
✔ To load envelopes, open the **Right Door**, then lift the **Fusing Adjustment Lever** up to the envelope position (top).



⚠CAUTION

- The inside of this product has areas subject to high temperature, which may cause burns. When checking the inside of the unit for malfunctions such as a paper misfeed, do not touch the locations (around the fusing unit, etc.) which are indicated by a "Caution HOT" caution label. A burn could result.

1 Load envelopes as shown in the figure with the flap part facing up, then align the **Lateral Guide** to them.



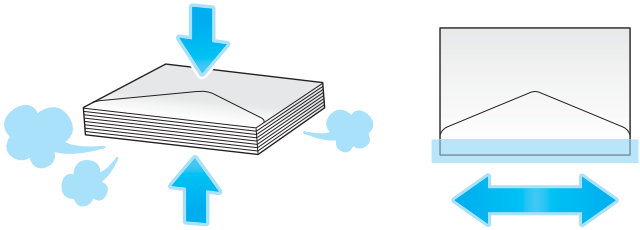
➔ Insert envelopes into the tray until their edges are pressed against the back.

➔ The flap side of envelopes cannot be printed on.

The screen for selecting the paper type and paper size appears.

NOTICE

*When loading envelopes into the **Bypass Tray**, note the following points.*

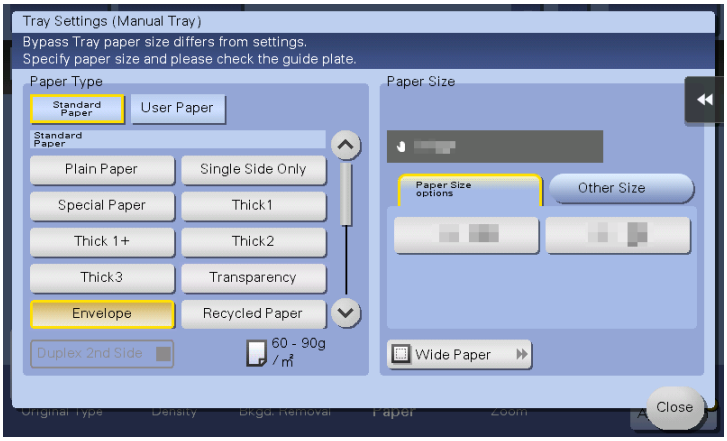


When loading envelopes, remove air from them, and securely press along the flap fold line. Otherwise, it will result in an envelope wrinkle or paper jam.

Do not use envelopes that have glue or release paper on the flaps or the part covered by the flap on the body. Otherwise, the machine may be damaged or a failure may occur.

2 Change the paper type setting.

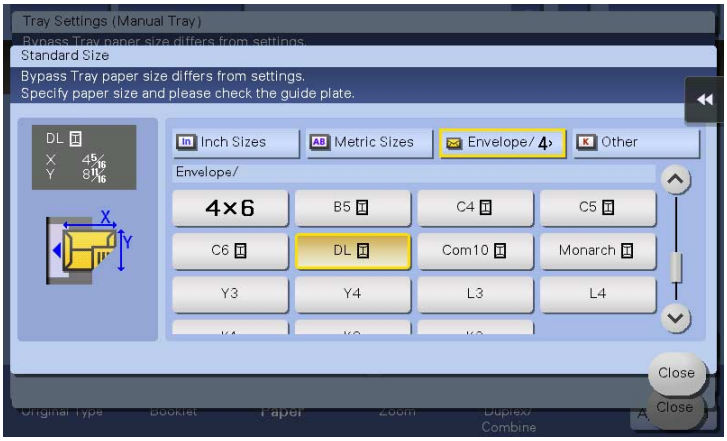
➔ Select [Envelope] from [Paper Type].



The screen for selecting the envelope size appears.

3 Specify the envelope size.

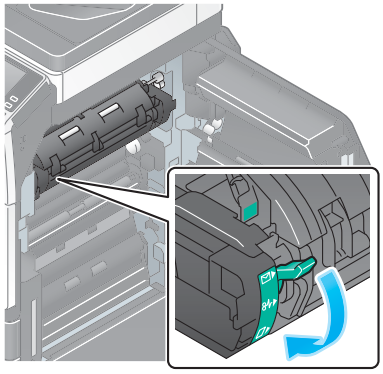
➔ Select [Envelope/4 × 6] ([Envelope/A6 Card]), and specify the size of the loaded envelopes.



NOTICE

When loading envelopes with flaps opened, also select the standard size that matches them. You do not have to measure the size of the envelope with the flap opened to set the size as a custom-sized envelope.

When envelope printing has been completed, return the **Fusing Adjustment Lever** you moved to the normal printing position (bottom).



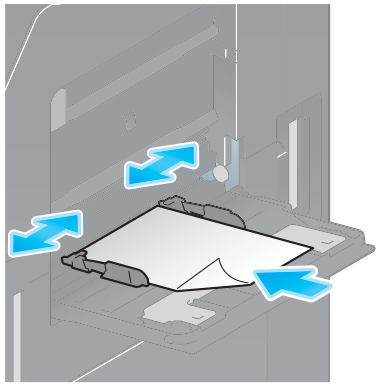
⚠CAUTION

- The inside of this product has areas subject to high temperature, which may cause burns. When checking the inside of the unit for malfunctions such as a paper misfeed, do not touch the locations (around the fusing unit, etc.) which are indicated by a "Caution HOT" caution label. A burn could result.

Loading label sheets

Up to 20 label sheets can be loaded into the tray.

1 Load label sheets in the ▭ direction as shown in the figure with the print side facing down, then align the **Lateral Guide** to the paper.

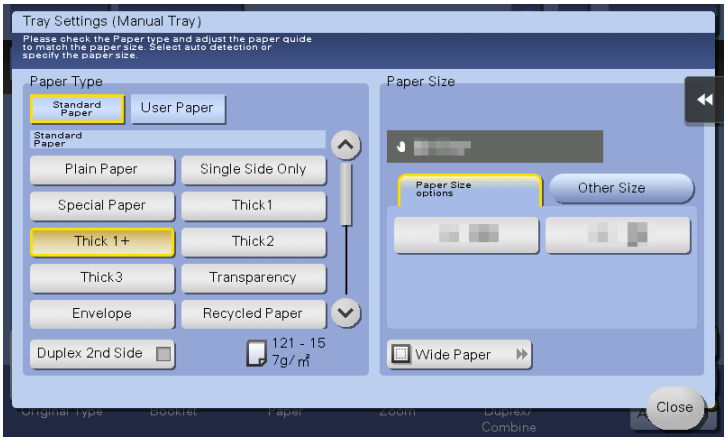


➔ Insert label sheets into the tray until their edges are pressed against the back.

The screen for selecting the paper type and paper size appears.

2 Change the paper type setting.

➔ Select [Thick 1+] from [Paper Type].



3 Change the paper size setting.

➔ Select the paper size from [Paper Size options] in [Paper Size].

➔ If the paper size you want to use is not displayed for [Paper Size options], select the paper size from [Other Size].

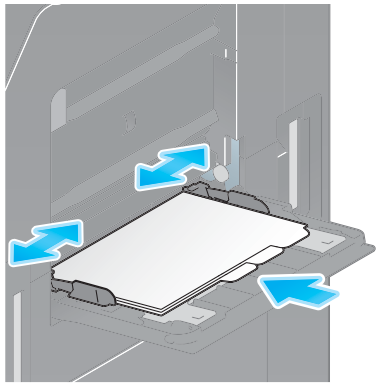
Loading index papers

Up to 20 index papers can be loaded into the tray.

1 Put the tab side in the direction opposite to this machine with the print side facing down, then align the **Lateral Guide** to the paper.

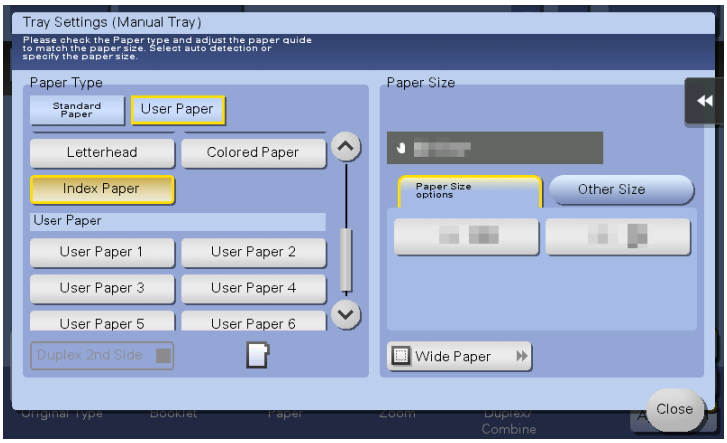
➔ Insert index papers into the tray until their edges are pressed against the back.

The screen for selecting the paper type and paper size appears.



2 Change the paper type setting.

➔ Select [Index Paper] from [Paper Type].



3 Change the paper size setting.

➔ Select the paper size from [Paper Size options] in [Paper Size].

➔ If the paper size you want to use is not displayed for [Paper Size options], select the paper size from [Other Size].

3 Basic Settings and Operations

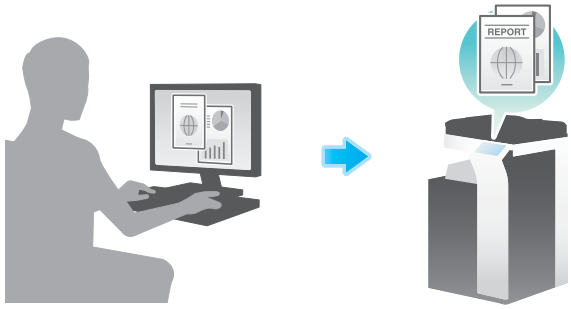
3 Basic Settings and Operations

3.1 Print function

3.1.1 Required settings and basic operations (for Windows OS)

Print data created on your computer via the network.

This section describes how to configure standard print settings using the installer.



Preparation flow

The following describes a preparation flow to print data. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Checking the cable connection (Administrator)

➔ Check that this machine is correctly connected to the network cable. For details, refer to page 3-4.

2 Checking network settings of this machine (Administrator)

➔ Check the network settings of this machine. For details, refer to page 3-4.

The network can be used with the default settings unless otherwise requested.

3 Installing the printer driver

➔ Install the printer driver on the computer. For details, refer to page 3-5.

Operation flow

The following describes a flow to print data from your computer. For details, refer to page 3-5.

1 Opening original data

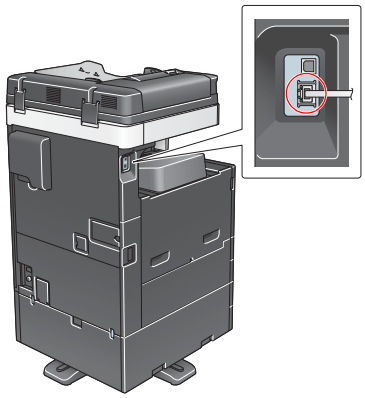
➔ Open the data you want to print using the application software.

2 Configuring the printer driver for printing

➔ Select a printer driver, and change the setting if necessary before printing.

Checking the cable connection

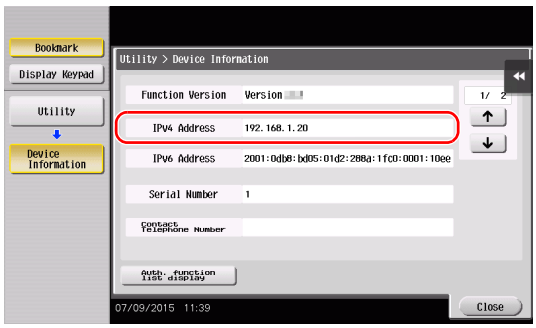
Check that a LAN cable is connected to the LAN port of this machine and the green LED is on.



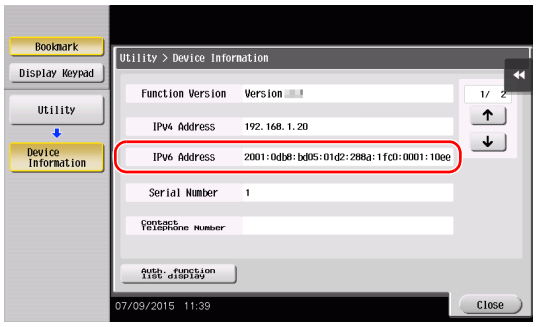
Checking network settings of this machine

Tap [Utility], and select [Device Information]. Check that the IP address is displayed.

- For IPv4 environment

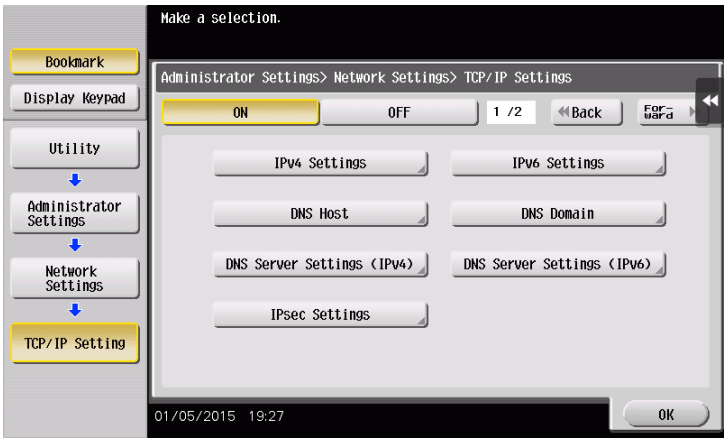


- For IPv6 environment



Tips

- In general, the default settings are available for network connection; however, some network environments require a change on network settings.
- If no IP address is displayed, you need to configure the network. Tap [Utility], and select [Administrator Settings] - [Network Settings] - [TCP/IP Settings]. Configure the required settings to suit your environment. For details, refer to the User's Guide DVD.
- For information on the default administrator password, refer to the User's Guide CD/DVD.

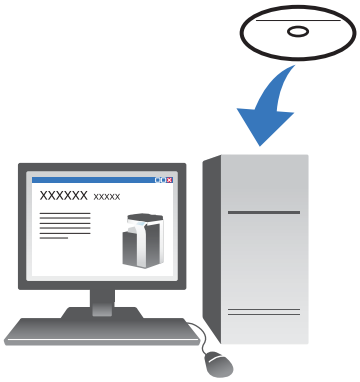


Installing the printer driver

Use the installer to install the printer driver.

✔ This operation requires administrator privileges for your computer.

1 Insert the printer driver DVD-ROM into the DVD-ROM drive of the computer.



2 Click [Printer Install].

3 Proceed with the procedure according to the on-screen instructions.

This automatically searches for the appropriate network and displays printers and MFPs that are compatible with the printer driver.

4 Select this machine from the list.

➔ If multiple identical models are displayed, check the IP address to select an appropriate one. For details on how to check the IP address of this machine, refer to page 3-4.

5 Select the check boxes of the printer drivers to be installed.

6 Click [Install].

7 Click [Finish].

Printing data

1 Open the data you want to print using the application software.

2 In the [File] menu, click [Print].

3 Select the installed printer driver, and click [Print].

Tips

- Clicking [Preferences] can change the setting of the printer driver as required.
- If user authentication is enabled in this machine, specify the required data such as the user name and password.

Types of printer drivers

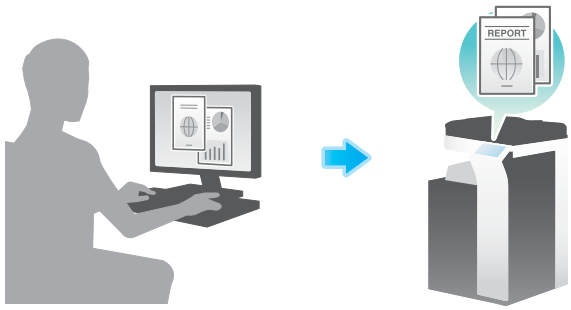
Select a printer driver that will meet your printing requirements.

Driver type	Description
PCL	This is a standard driver for printing general office documents. Among the three drivers, this driver provides the fastest printing speed.
PS	This driver is effective to exactly print data that is created using PostScript-compatible application software from Adobe or other vendors. This driver is often used in graphics and light printing applications where good color reproducibility is important.
XPS	Developed after Windows Vista, this driver supports XML Paper Specification (XPS). This driver has several advantages, including high-quality reproduction of translucence.

3.1.2 Required settings and basic operations (for Mac OS)

Print data created on your computer via the network.

This section describes how to configure a printer driver, for the OS X 10.6 environment, Bonjour connection, and use of metric-size paper as major conditions.



Preparation flow

The following describes a preparation flow to print data. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Checking the cable connection (Administrator)

➔ Check that this machine is correctly connected to the network cable. For details, refer to page 3-7.

2 Checking network settings of this machine (Administrator)

➔ Check the network settings of this machine. For details, refer to page 3-7.

The network can be used with the default settings unless otherwise requested.

3 Installing the printer driver

➔ Install the printer driver on the computer. For details, refer to page 3-9.

4 Adding and configuring a printer driver

➔ Set up your computer so that data can be printed using the installed printer driver. For details, refer to page 3-10.

Operation flow

The following describes a flow to print data from your computer. For details, refer to page 3-10.

1 Opening original data

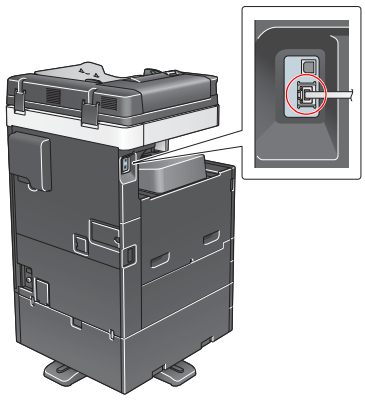
➔ Open the data you want to print using the application software.

2 Configuring the printer driver for printing

➔ Select a printer driver, and change the setting if necessary before printing.

Checking the cable connection

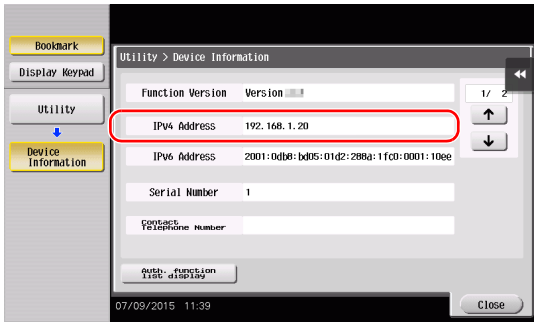
Check that a LAN cable is connected to the LAN port of this machine and the green LED is on.



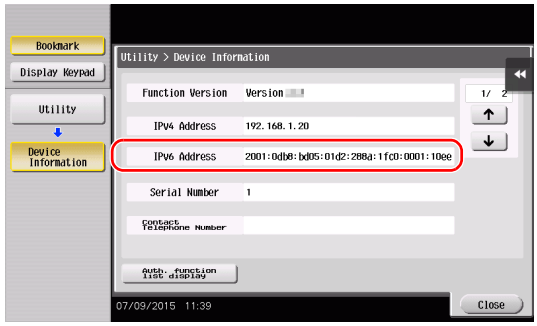
Checking network settings of this machine

1 Tap [Utility], and select [Device Information]. Check that the IP address is displayed.

- For IPv4 environment

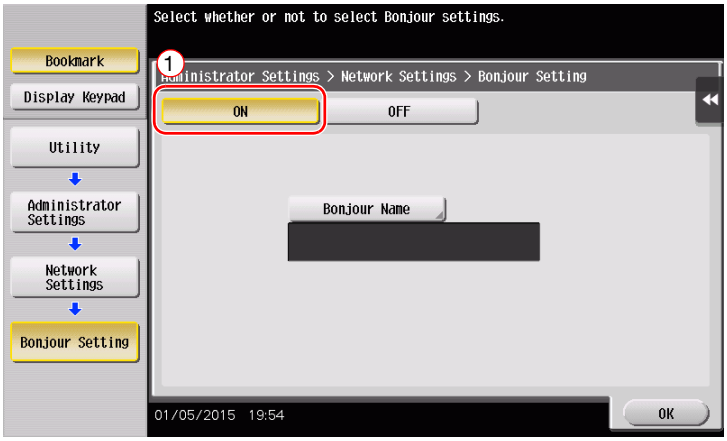


- For IPv6 environment

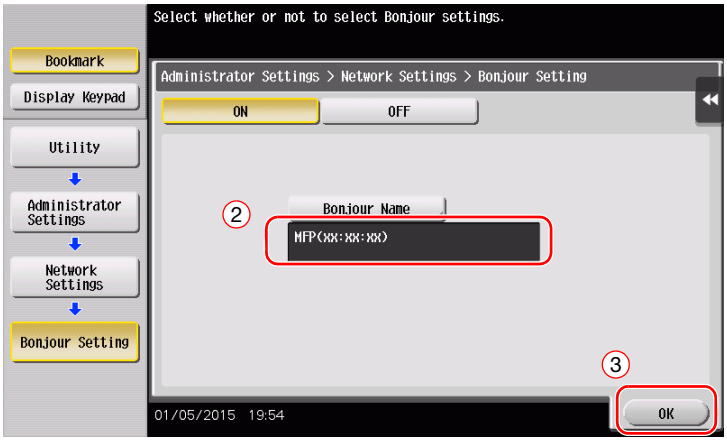


2 Specify the Bonjour name. Tap [Utility], and select [Administrator Settings] - [Network Settings] - [Bonjour Setting] - [ON].

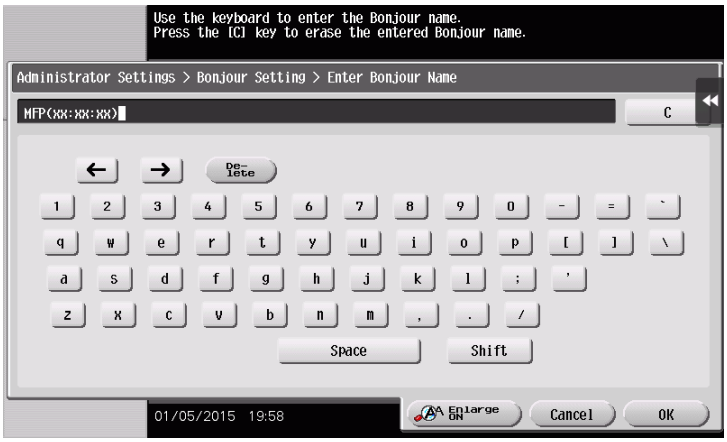
➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



➔ The Bonjour name is displayed on the printer driver as a connected device name.



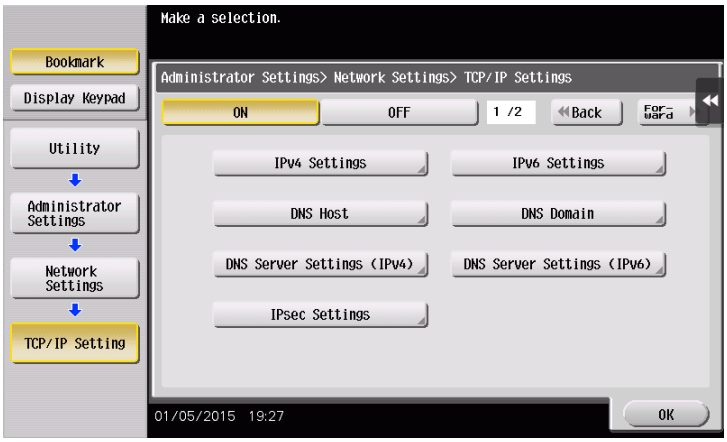
➔ To change the Bonjour name, tap [Bonjour Name], and enter the name using the displayed keyboard.



Tips

- If no IP address is displayed in Step 1, you need to set up the network. Tap [Utility], and select [Administrator Settings] - [Network Settings] - [TCP/IP Settings]. Configure the required settings to suit your environment. For details, refer to the User's Guide DVD.

- For information on the default administrator password, refer to the User's Guide CD/DVD.

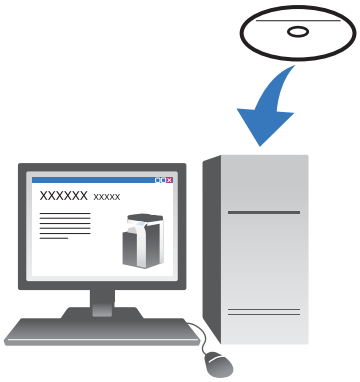


Installing the printer driver

Use the installer to install the printer driver.

✔ This operation requires administrator privileges for your computer.

1 Insert the printer driver DVD-ROM into the DVD-ROM drive of the computer.

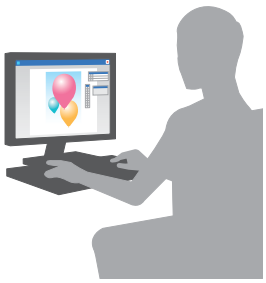


2 Select the target printer driver, and copy it to the desktop.

Example: /Driver/OS_10_6_x/Letter/GENERIC_28C-8_106.pkg (Printer driver for OS X 10.6)

➔ When ordinarily using metric-sized paper, select a printer driver in the "A4" directory.

➔ The last three digits of the printer driver name indicate the version of the operating system.



3 Double-click the file copied onto the desktop.

4 Proceed with the procedure according to the on-screen instructions until the installation screen appears.

5 Click [Install].

6 When a prompt message appears to ask you to enter the name and password, type in the name and password of the user with administrator privileges.

7 Click [Close].

Adding and configuring a printer driver

Set up your computer so that data can be printed using the installed printer driver.

✔ This operation requires administrator privileges for your computer.

1 In the Apple Menu, click [System Preferences] - [Print & Fax].

2 Click [+].

This automatically searches for the appropriate network and displays printers and MFPs that are compatible with the printer driver.

3 Select a printer for the Bonjour connection. Search for this machine from the list of printers for which [Kind] is set to [Bonjour], and click it.

➔ If you cannot identify the connected machine because multiple same product names are listed, check with the administrator.

This automatically searches for a printer driver compatible with the selected printer.

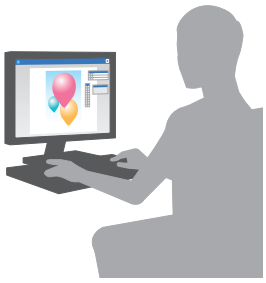
4 Check that the printer driver is displayed.

5 Select the installed optional units.

Printing data

1 Open the data you want to print using the application software.

2 From the [File] menu, select [Print].



3 Select the Bonjour name of this machine.

Tips

- If necessary, you can change the settings of the printer driver.

3.2 Scan-to-Send function

3.2.1 Various transmission methods

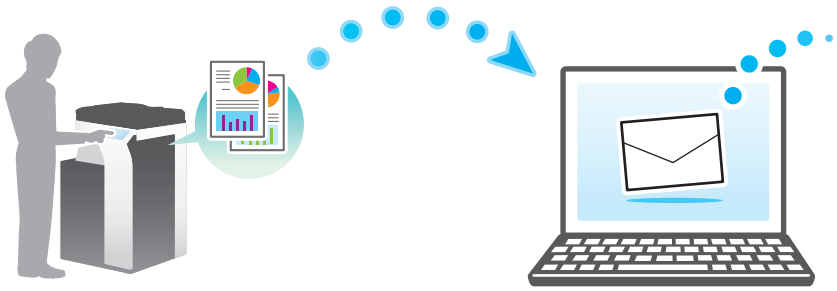
The original data scanned by this machine can be sent and saved using a variety of methods.

Sending data to your computer (SMB Send)

Send scanned data to a computer on the network. Once settings are configured, you can send data easily. For details, refer to page 3-13 and page 3-21.

Transmitting data as E-mail attachment (E-mail TX)

Send scanned data as an E-mail attachment. This function is useful when you want to forward data to an outside location. For details, refer to page 3-30.



Saving data to the USB memory device (External memory)

Directly save scanned data on the USB memory device connected to this machine. For details, refer to page 3-62.

Various methods for transmitting and saving data

In addition to the above, data can be sent and saved in various methods. Select the appropriate one to meet your needs.

- Issuing a scan instruction from a computer (Web service function)
- Saving data to a User Box on the HDD (Save in User Box)
- Sending to an FTP server (FTP TX)
- Sending to a WebDAV server (WebDAV Send)

Tips

- The **Hard Disk** is optional in some areas. To store data in the HDD User Box, the optional **Hard Disk** must be installed in this machine.

Reference

For details, refer to the User's Guide DVD.

3.2.2 Sending data to your Windows computer (SMB Send)

Send scanned data to a computer on the network.

Once settings are configured, you can send data easily.

Preparation flow

The following describes a preparation flow for sending scanned data. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Checking the cable connection (Administrator)

➔ Check that this machine is correctly connected to the network cable. For details, refer to page 3-14.

2 Checking network settings of this machine (Administrator)

➔ Check the network settings of this machine. For details, refer to page 3-14.

The network can be used with the default settings unless otherwise requested.

3 Checking computer information

➔ Check the information required for Store Address, and fill out the checklist. For details, refer to page 3-15.

4 Configuring your computer

➔ Configure settings to share a computer, or create a dedicated folder to receive files. For details, refer to page 3-16.

5 Registering destinations

➔ Register destinations to which files are sent while checking the checklist. For details, refer to page 3-16.

Operation flow

The following describes a transmission flow. For details, refer to page 3-19.

1 Loading the original

2 Selecting a destination

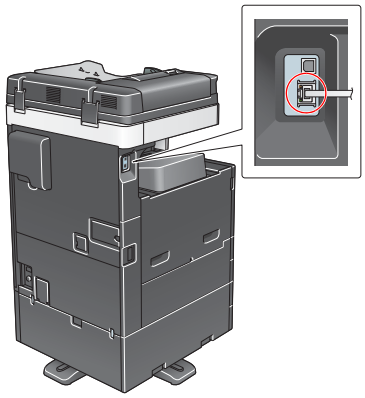
➔ Select a registered destination, and check the settings such as the file type and image quality.

3 Press the **Start** key.

➔ Press the **Start** key to scan the original.

Checking the cable connection

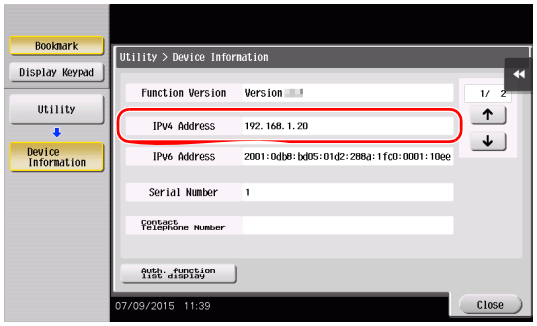
Check that a LAN cable is connected to the LAN port of this machine and the green LED is on.



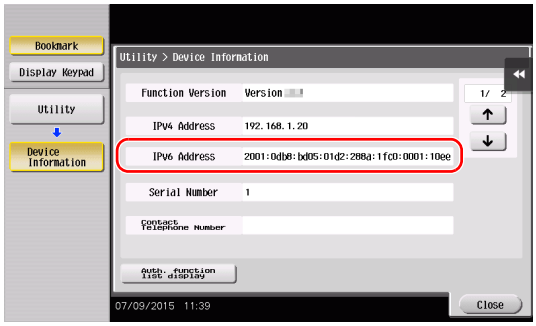
Checking network settings of this machine

Tap [Utility], and select [Device Information]. Then, check that the IP address is displayed.

- For IPv4 environment



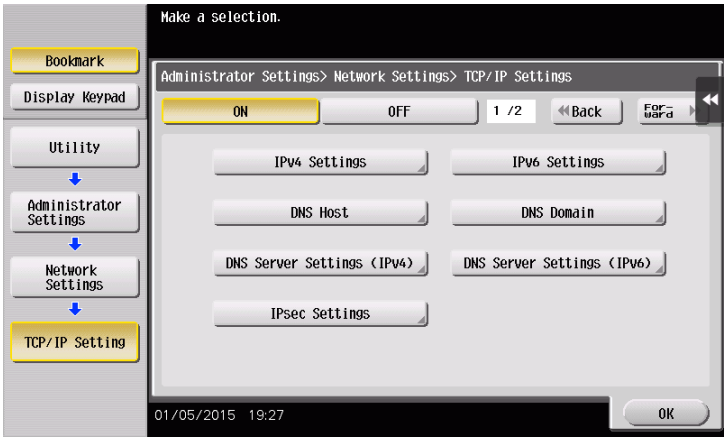
- For IPv6 environment



Tips

- In general, the default settings are available for network connection; however, some network environments require a change on network settings.
- If no IP address is displayed, you need to configure the network. Tap [Utility], and select [Administrator Settings] - [Network Settings] - [TCP/IP Settings]. Configure the required settings to suit your environment. For details, refer to the User's Guide DVD.

- For information on the default administrator password, refer to the User's Guide CD/DVD.



Checklist

While making notes in the checklist shown below, check computer information and configure settings for preparation. The completed checklist is used for Store Address.

Name	Entry column	Detail
Host Address	Host name or IP address to which the scanned data is sent	page 3-15
File Path	Name of the dedicated folder to receive the scanned data	page 3-16
User ID	User name required to log in to the computer	page 3-15
Password	Password required to log in to the computer • You should not enter this column for security reasons.	Contact your system administrator.

Checking computer information

Check the host address and user ID, and write them down.

1 Display the Properties window of the computer.

➔ In Windows 8/8.1, while pressing the [Windows] key, press the [X] key, and then select [System properties] in the displayed menu.

➔ In Windows Vista/7, from the Start menu, select [Computer] - [System properties].

2 Check the computer name, and write it down in the Host address column of the checklist.

3 Open the command prompt.

➔ In Windows 8/8.1, while pressing the [Windows] key, press the [X] key, and then select [Command Prompt] in the displayed menu.

➔ In Windows Vista/7, from the Start menu, select [All Programs] - [Accessories] - [Command Prompt].

4 Check the user name, and write it down in the User ID column of the checklist.

Configuring your computer

Create a new folder, and enable the sharing settings.

✔ This operation requires administrator privileges for your computer.

1 Display the Network and Sharing Center window to configure a sharing setting.

➔ In Windows 8/8.1, while pressing the [Windows] key, press the [X] key, and select [Control Panel] - [Network and Sharing Center] - [Change advanced sharing settings] in the displayed menu, then select the [Turn on file and printer sharing] check box.

➔ In Windows 7, from the Start menu, select [Control Panel] - [Network and Internet] - [Network and Sharing Center] - [Change advanced sharing settings] then select the [Turn on file and printer sharing] check box.

➔ In Windows Vista, open the Start menu, select [Control Panel] - [Network and Sharing Center], then turn on [File sharing].

2 Create a new folder, and write down the folder name in the File path column of the checklist.

3 Configure the setting to share the folder created in Step 2. Right-click on the folder, then click [Properties].

4 Click the [Sharing] tab, then click [Advanced Sharing].

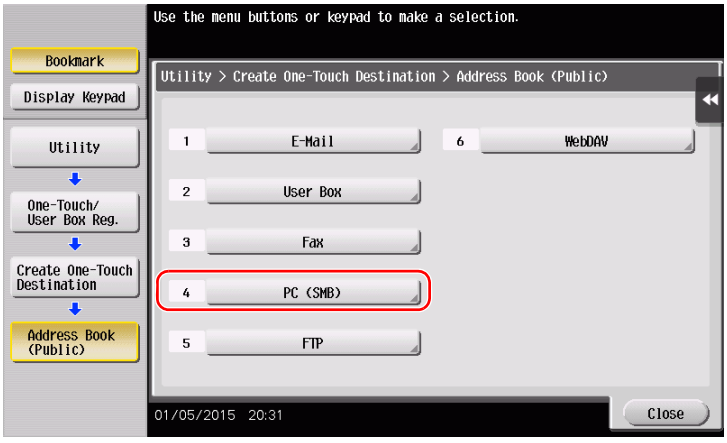
5 Select the [Share this folder] check box, then click [Permissions].

6 Select [Everyone] from the [Group or user names:] list, then select all of the [Allow] check boxes.

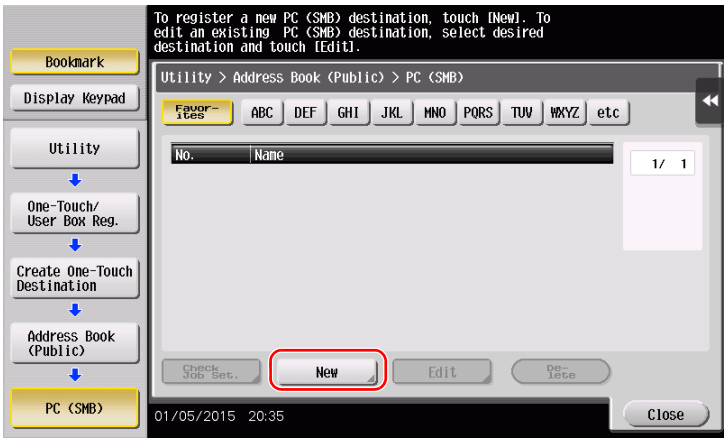
Registering destinations

While checking the created checklist, register the folder for receiving the scanned data as an address book of this machine.

1 Tap [Utility], and select [One-Touch/ User Box Reg.] - [Create One-Touch Destination] - [Address Book (Public)] - [PC (SMB)].

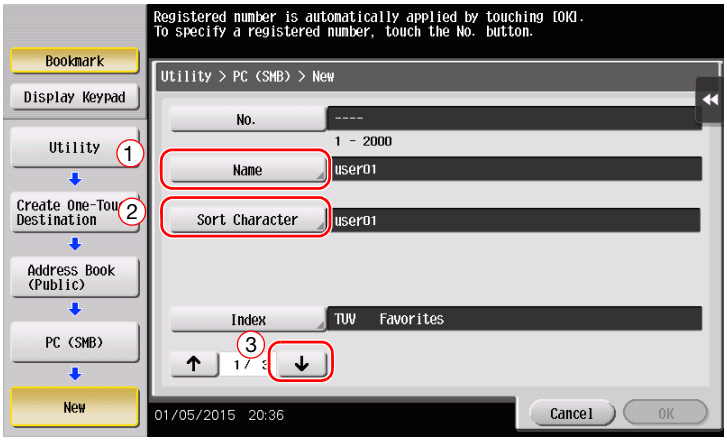


2 Tap [New].



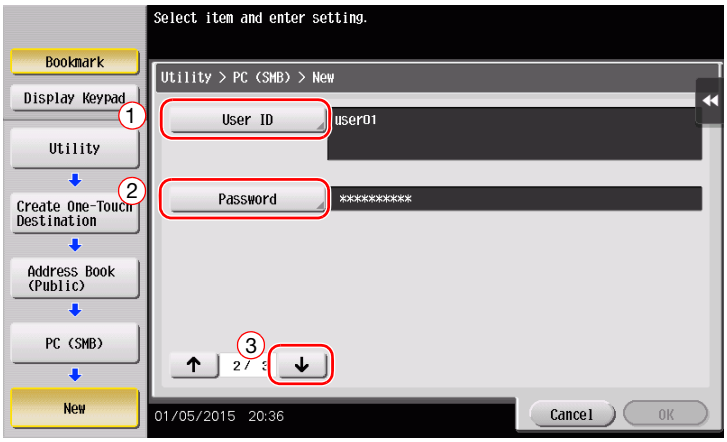
3 For [Name], specify the name to be displayed on the assigned key.

➔ For [Sort Character], enter the same name as [Name].



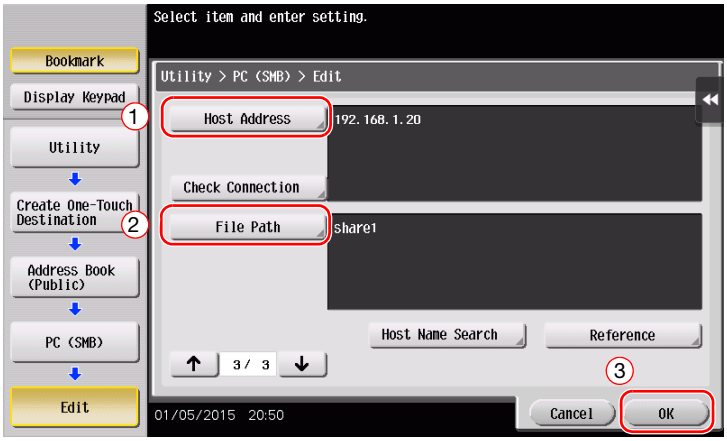
➔ This sets the appropriate index for the name, which you entered into [Name], to [Index]. To change the setting, tap [Index].

4 While checking the checklist, enter the user ID and password you wrote down.

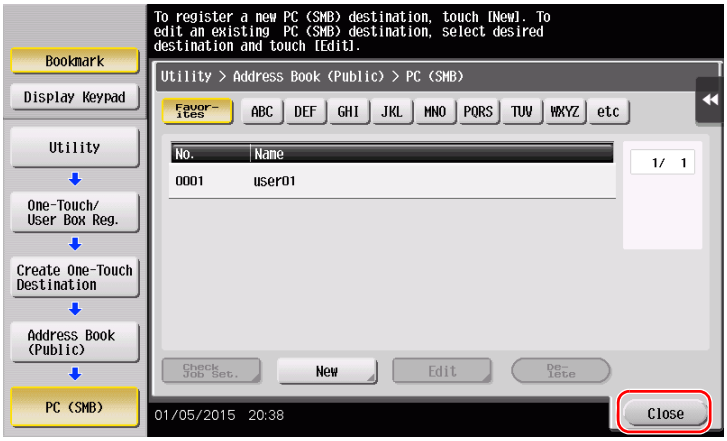


5 While checking the checklist, enter the host address and file path you wrote down.

➔ When not specifying a folder, enter a slash "/" for the file path. When specifying a folder, enter only the folder name without slash "/".

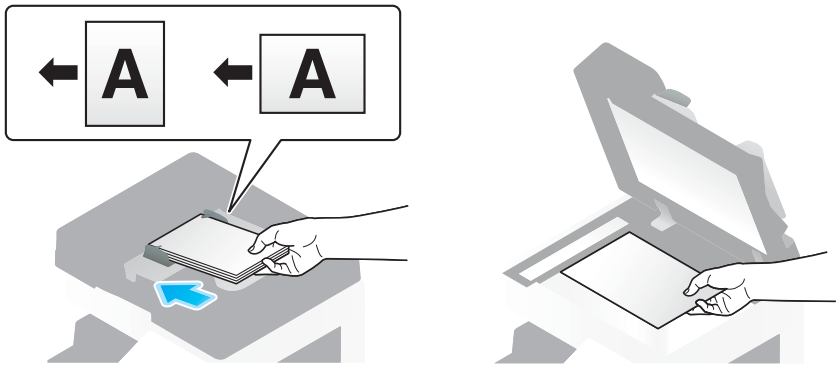


6 Tap [Close].

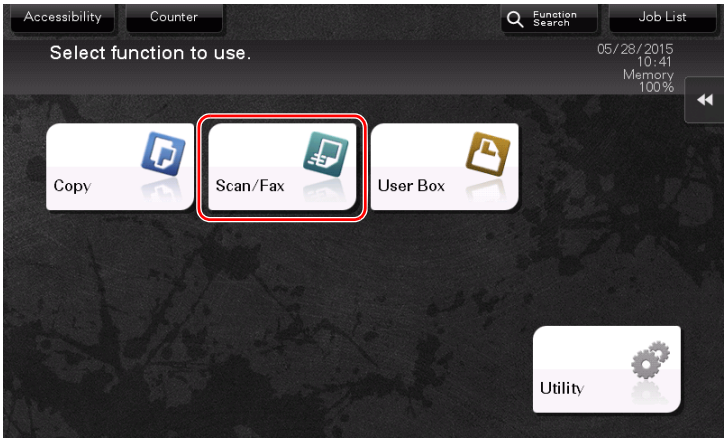


Sending the original

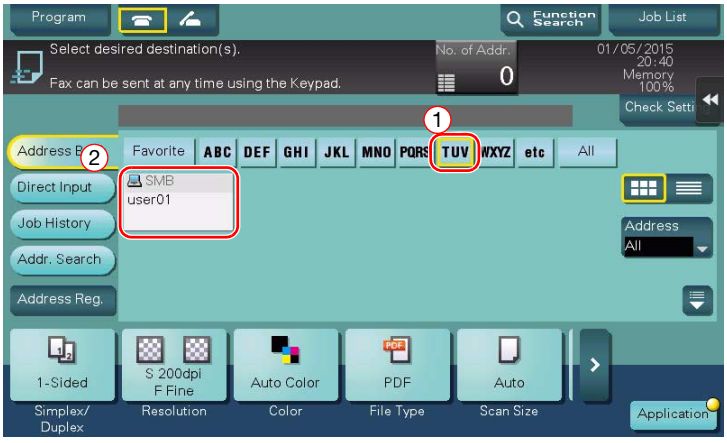
1 Load the original.



2 Tap [Scan/Fax].

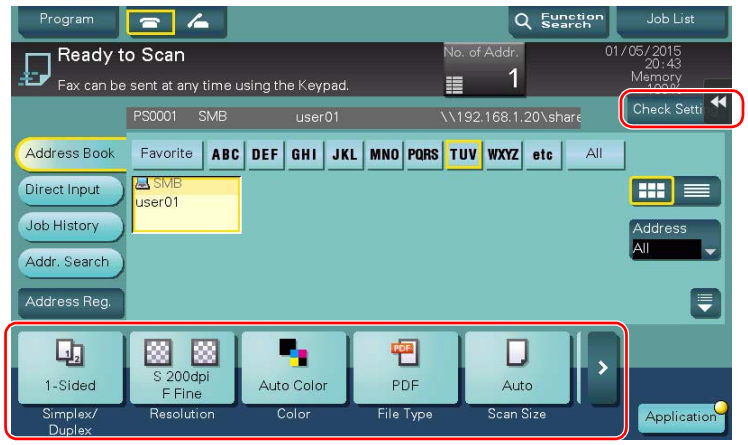


3 Select a destination.



4 Check the setting if necessary.

➔ Tap [Check Setting] to check the setting.



➔ You can also check the setting using the keys displayed on the **Touch Panel**.

➔ To change the setting, tap the desired key on the **Touch Panel**.

Settings	Description
[Simplex/Duplex]	Select whether to scan one or both sides of the original.
[Resolution]	Specify the scanning resolution.
[Color]	Select whether to scan the original in color or black and white mode.
[File Type]	Select the type of the file to save scanned data.
[Scan Size]	Specify the size of the original to be scanned.
[File Name/Subject Name/Other]	Change the file name or the subject of an E-mail to be sent.

5 Press the **Start** key.

3.2.3 Sending data to your Mac computer (SMB Send)

Send scanned data to a computer on the network.

Once settings are configured, you can send data easily.

Preparation flow

The following describes a preparation flow for sending scanned data. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Checking the cable connection (Administrator)

➔ Check that this machine is correctly connected to the network cable. For details, refer to page 3-22.

2 Checking network settings of this machine (Administrator)

➔ Check the network settings of this machine. For details, refer to page 3-22.

3 Checking computer information

➔ Check the information required for Store Address, and fill out the checklist. For details, refer to page 3-24.

4 Configuring your computer

➔ Configure settings to share a computer, or create a dedicated folder to receive files. For details, refer to page 3-25.

5 Registering destinations

➔ Register destinations to which files are sent while checking the checklist. For details, refer to page 3-25.

Operation flow

The following describes a transmission flow. For details, refer to page 3-28.

1 Loading the original

2 Selecting a destination

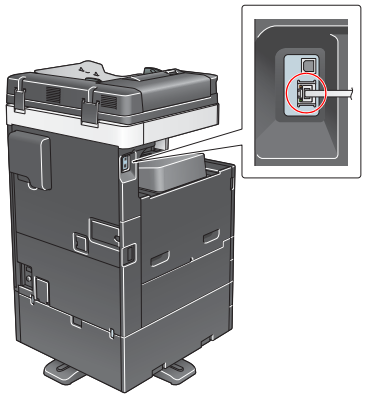
➔ Select a registered destination, and check the settings such as the file type and image quality.

3 Press the **Start** key.

➔ Press the **Start** key to scan the original.

Checking the cable connection

Check that a LAN cable is connected to the LAN port of this machine and the green LED is on.

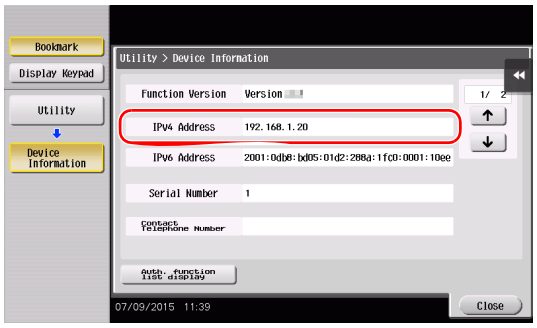


Checking network settings of this machine

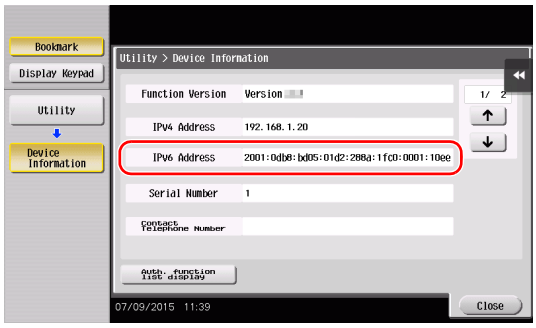
Tap [Utility], and select [Device Information].

Check that the IP address is displayed.

- For IPv4 environment



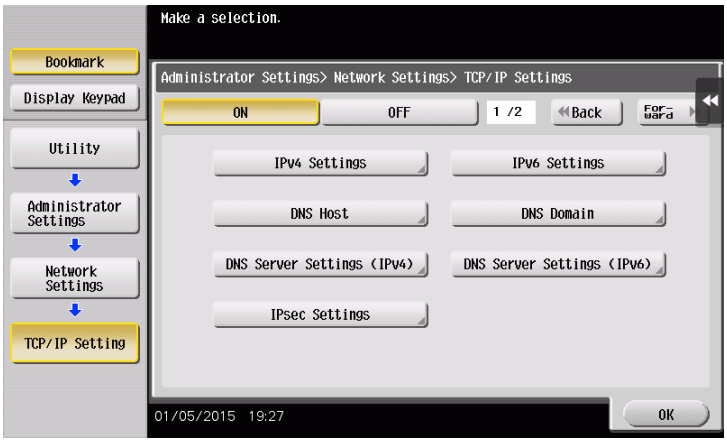
- For IPv6 environment



Tips

- In Mac OS X10.6, the default settings are available during general use, but you need to change settings depending on your network environment.
- If no IP address is displayed, you need to configure the network. Tap [Utility], and select [Administrator Settings] - [Network Settings] - [TCP/IP Settings]. Configure the required settings to suit your environment. For details, refer to the User's Guide DVD.

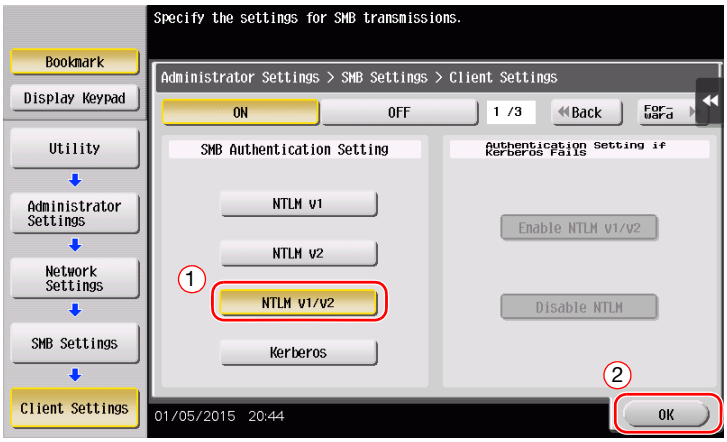
- For information on the default administrator password, refer to the User's Guide CD/DVD.



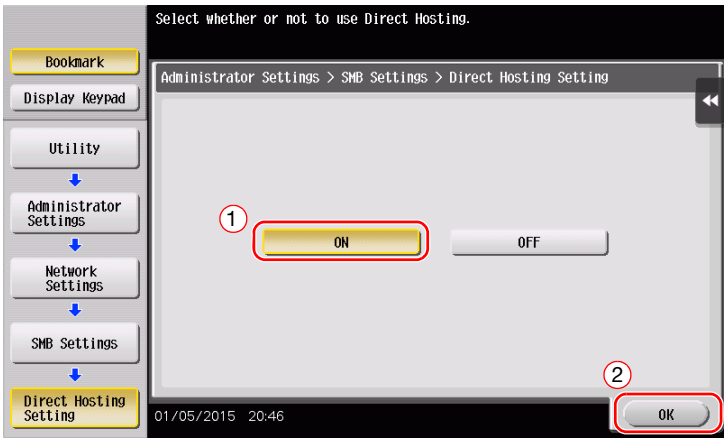
Configuring this machine (Mac OS X 10.7 or later)

The following settings are only required in Mac OS X 10.7 or later.

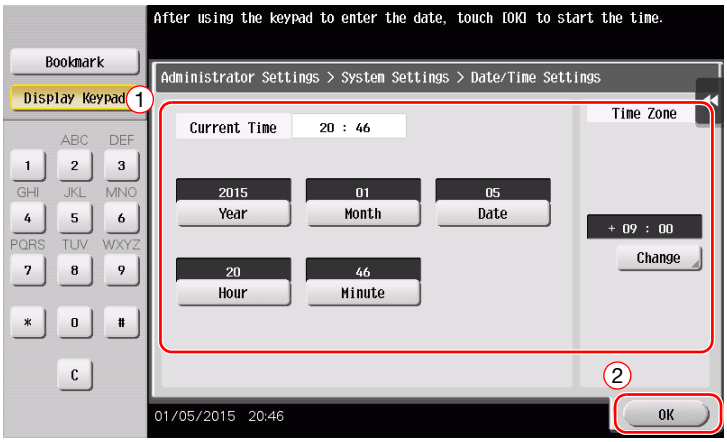
- Select [NTLM v1/v2] in [Utility] - [Administrator Settings] - [Network Settings] - [SMB Settings] - [Client Settings], then tap [OK].



- Select [ON] in [Utility] - [Administrator Settings] - [Network Settings] - [SMB Settings] - [Direct Hosting Setting], then tap [OK].



- Select [Utility] - [Administrator Settings] - [System Settings] - [Date/Time Settings] to specify the same date/time and time zone between this machine and your computer, then tap [OK].



Checklist

While making notes in the checklist shown below, check computer information and configure settings for preparation. The completed checklist is used for Store Address.

Name	Entry column	Detail
Host Address	IP address to which the scanned data is sent	page 3-24
File Path	Name of the dedicated folder to receive the scanned data	page 3-25
User ID	User name required to log in to the computer	page 3-24
Password	Password required to log in to the computer • Entering the password here is not recommended for security reasons.	Contact your system administrator.

Checking computer information

Check the host address and user ID.

✔ This operation requires administrator privileges for your computer.

➔ Check the IP address and user name, and write it down in the Host Address and User ID columns of the checklist.

Configuring your computer

Create a new folder, and enable the sharing settings.

✔ This operation requires administrator privileges for your computer.

1 Create a new folder, and write down the folder name in the File path column of the checklist.

2 Enable the folder sharing settings. In the Apple menu, select [System Preferences] - [Sharing].

3 Select the [File Sharing] check box, then click [Options...].

4 Select the [Share files and folders using SMB (Windows)] and user name check boxes, then click [Done].

5 Under [Shared Folders:], click [+].

6 Select a new folder.

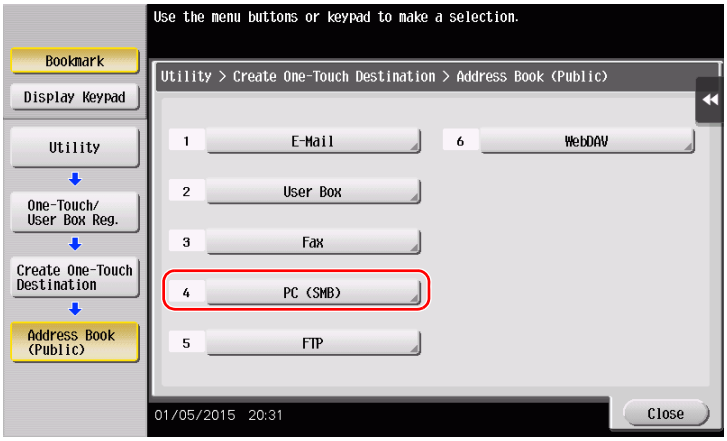
7 Click the new folder to check the access right.

If the access right is changed to [Read & Write], the setting is completed.

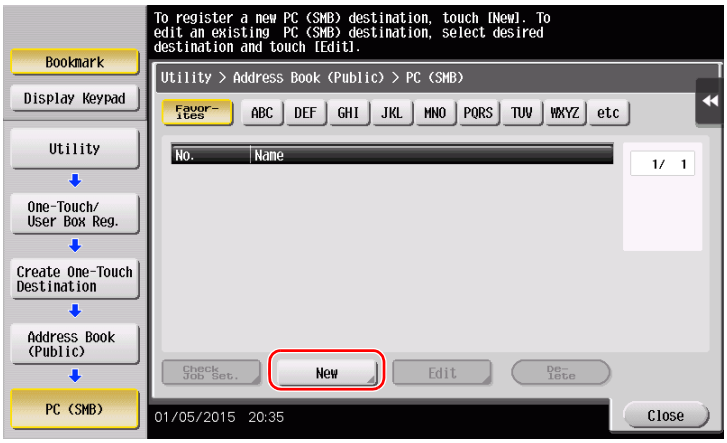
Registering destinations

While checking the created checklist, register the folder for receiving the scanned data as an address book of this machine.

1 Tap [Utility], and select [One-Touch/ User Box Reg.] - [Create One-Touch Destination] - [Address Book (Public)] - [PC (SMB)].

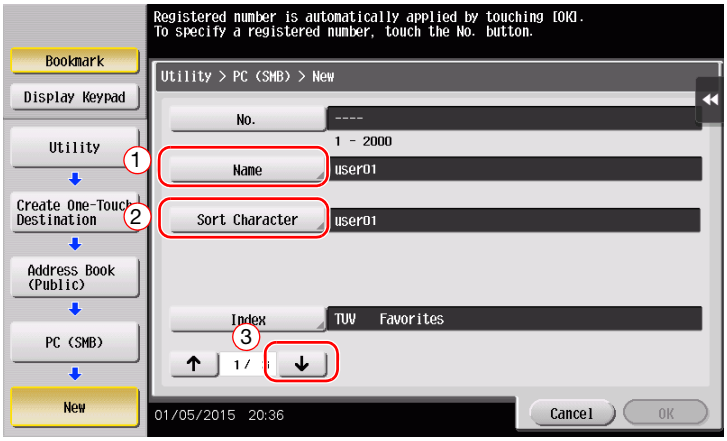


2 Tap [New].



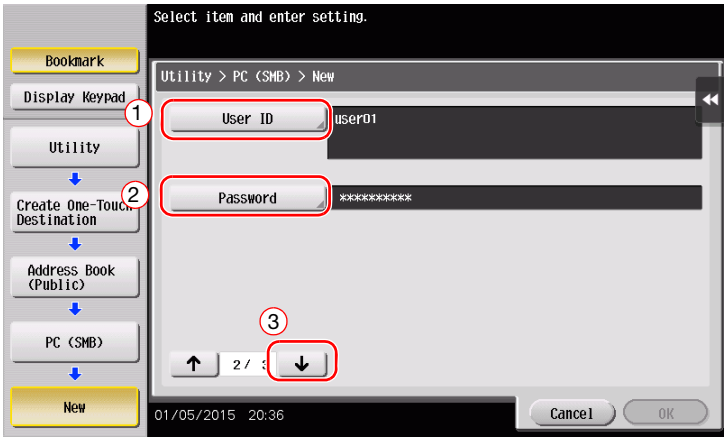
3 For [Name], specify the name to be displayed on the assigned key.

➔ For [Sort Character], enter the same name as [Name].



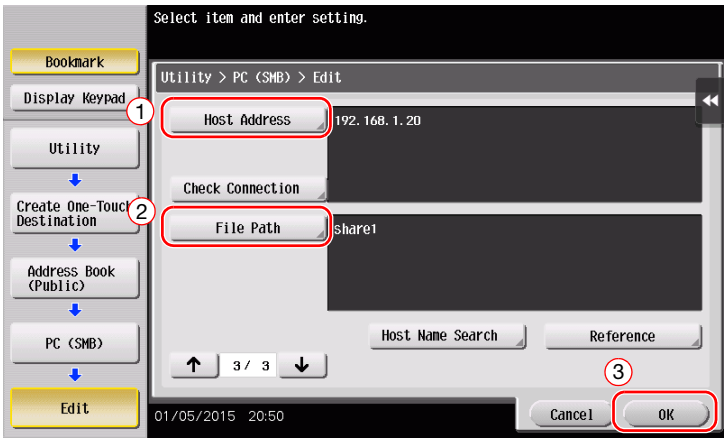
➔ This sets the appropriate index for the name, which you entered into [Name], to [Index]. To change the setting, tap [Index].

4 While checking the checklist, enter the user ID and password you wrote down.

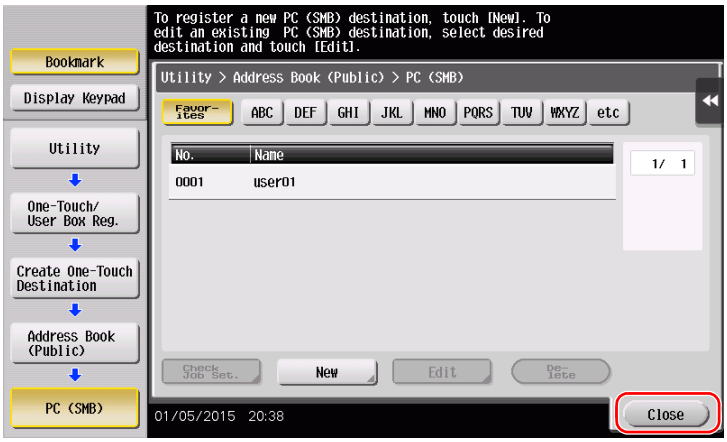


5 While checking the checklist, enter the host address and file path you wrote down.

➔ When not specifying a folder, enter a slash "/" for the file path. When specifying a folder, enter only the folder name without slash "/".

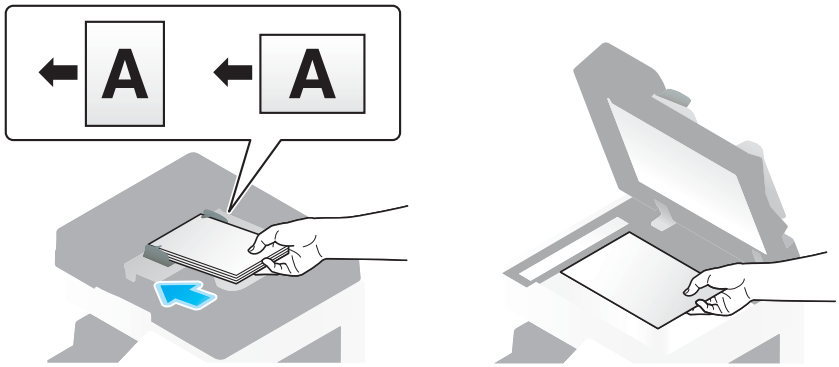


6 Tap [Close].

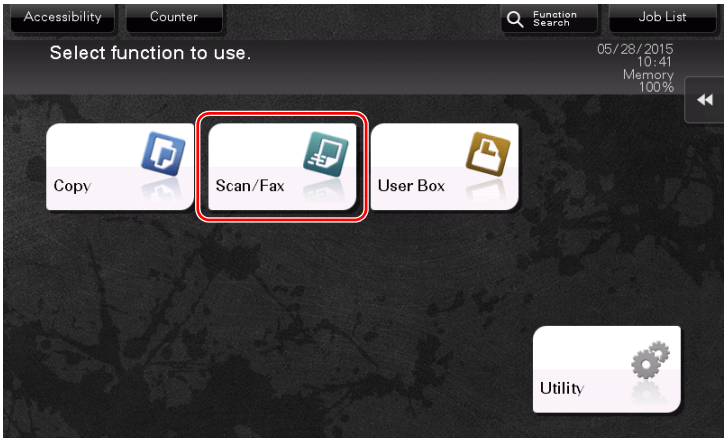

To register a new PC (SMB) destination, touch [New]. To edit an existing PC (SMB) destination, select desired destination and touch [Edit].
Bookmark
Display Keypad
Utility
One-Touch/ User Box Reg.
Create One-Touch Destination
Address Book (Public)
PC (SMB)
Utility > Address Book (Public) > PC (SMB)
Favor-ites
ABC
DEF
GHI
JKL
MNO
PQRS
TUV
WXYZ
etc
No.
Name
0001
user01
1/ 1
Check Job Set.
New
Edit
De-lete
01/05/2015 20:38
Close

Sending the original

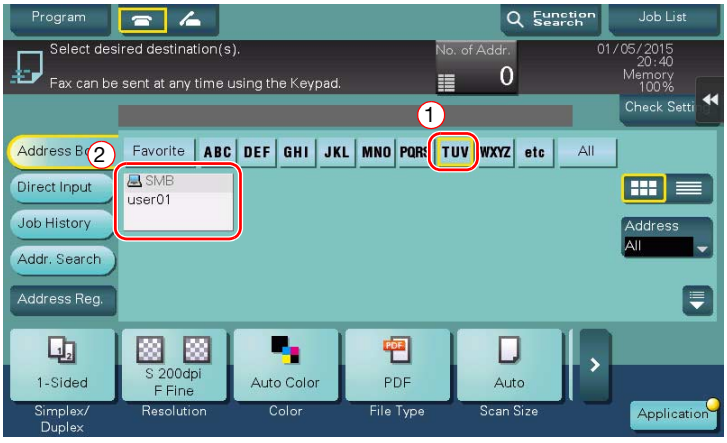
1 Load the original.



2 Tap [Scan/Fax].

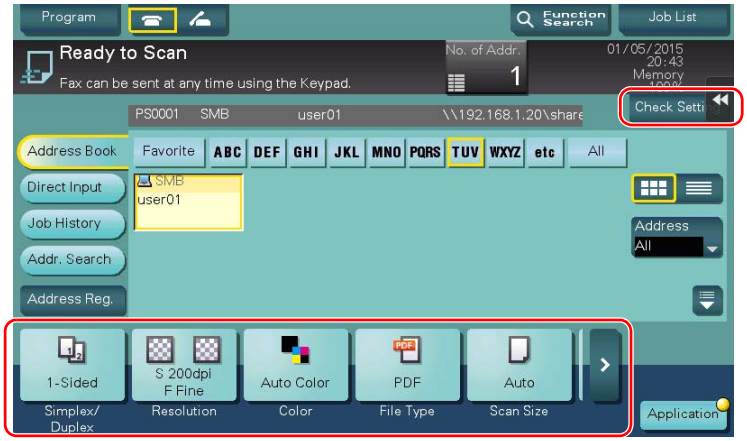


3 Select a destination.



4 Check the setting if necessary.

➔ Tap [Check Setting] to check the setting.



➔ You can also check the setting using the keys displayed on the **Touch Panel**.

➔ To change the setting, tap the desired key on the **Touch Panel**.

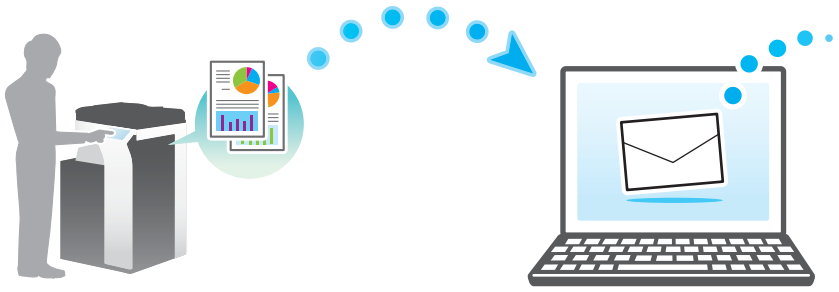
Settings	Description
[Simplex/Duplex]	Select whether to scan one or both sides of the original.
[Resolution]	Specify the scanning resolution.
[Color]	Select whether to scan the original in color or black and white mode.
[File Type]	Select the type of the file to save scanned data.
[Scan Size]	Specify the size of the original to be scanned.
[File Name/Subject Name/Other]	Change the file name or the subject of an E-mail to be sent.

5 Press the **Start** key.

3.2.4 Transmit the scanned data via E-mail (E-mail TX)

Send scanned data as an E-mail attachment.

This function allows you to receive data at an outside location, which is useful when a quick measure is required.



Preparation flow

The following describes a preparation flow for sending scanned data. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Checking the cable connection (Administrator)

➔ Check that this machine is correctly connected to the network cable. For details, refer to page 3-31.

2 Checking network settings of this machine (Administrator)

➔ Check the network settings of this machine. For details, refer to page 3-31.

3 Configuring the E-mail transmission environment (Administrator)

➔ Configure a server for E-mail TX. For details, refer to page 3-32.

4 Configuring administrator information (Administrator)

➔ Register the administrator name and E-mail address used as the sender's address of an E-mail to be sent. For details, refer to page 3-33.

Operation flow

The following describes a transmission flow. For details, refer to page 3-34.

1 Loading the original

2 Entering a destination

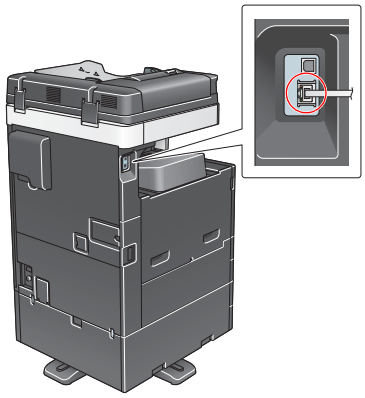
➔ Enter the destination E-mail address, and check the settings such as the file type and image quality.

3 Press the **Start** key.

➔ Press the **Start** key to scan the original.

Checking the cable connection

Check that a LAN cable is connected to the LAN port of this machine and the green LED is on.

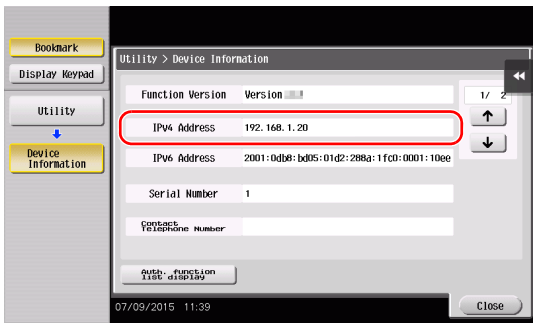


Checking network settings of this machine

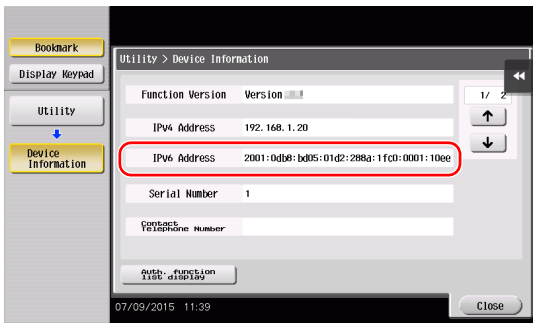
Tap [Utility], and select [Device Information].

Check that the IP address is displayed.

- For IPv4 environment

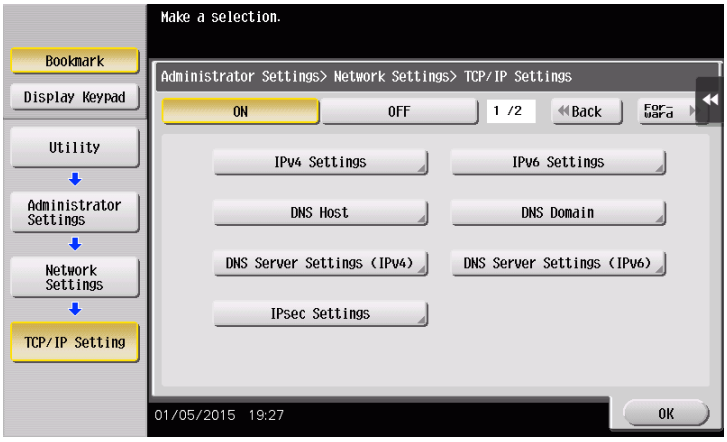


- For IPv6 environment



Tips

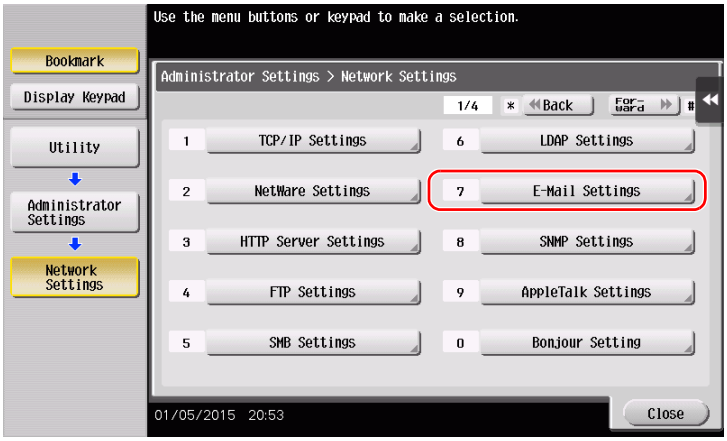
- In general, the default settings are available for network connection; however, some network environments require a change on network settings.
- If no IP address is displayed, you need to configure the network. Tap [Utility], and select [Administrator Settings] - [Network Settings] - [TCP/IP Settings]. Configure the required settings to suit your environment. For details, refer to the User's Guide DVD.
- For information on the default administrator password, refer to the User's Guide CD/DVD.



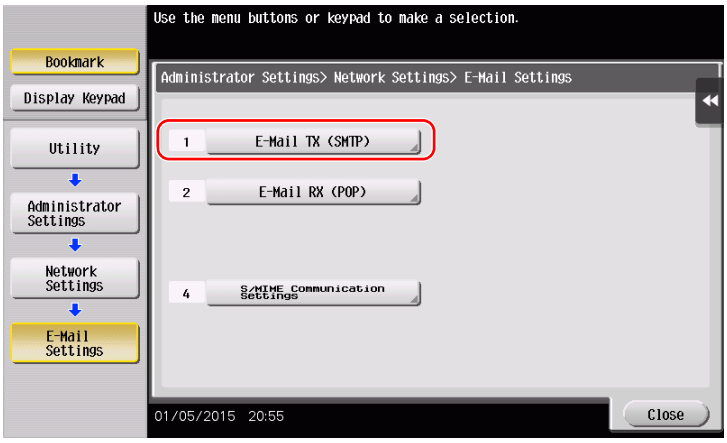
Configuring the E-mail transmission environment

1 Tap [Utility], and select [Administrator Settings] - [Network Settings] - [E-Mail Settings].

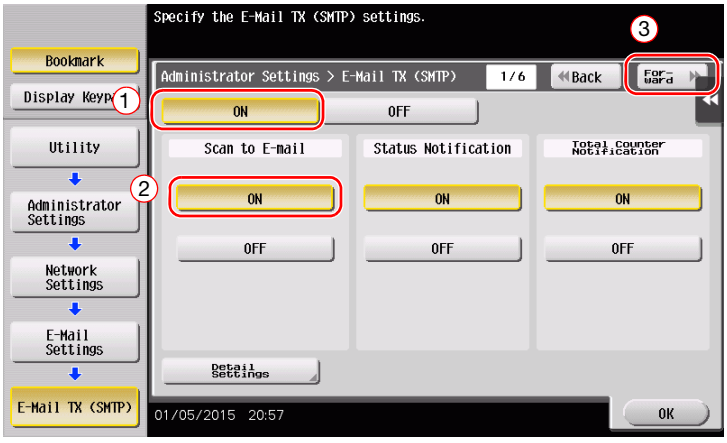
➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



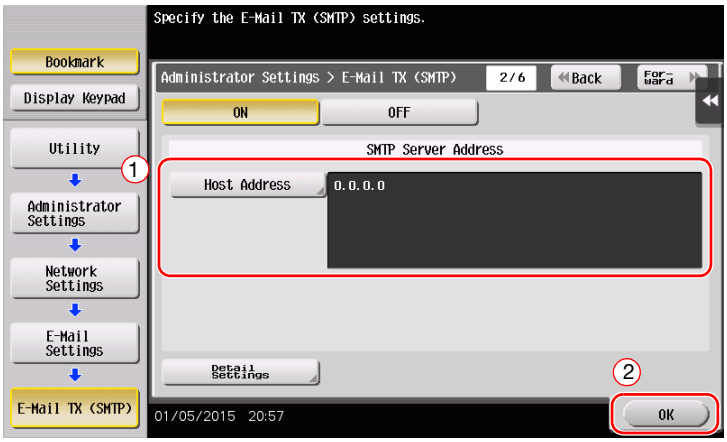
2 Tap [E-Mail TX (SMTP)].



3 Select [ON] to enable E-mail TX (SMTP) settings and E-mail TX function.

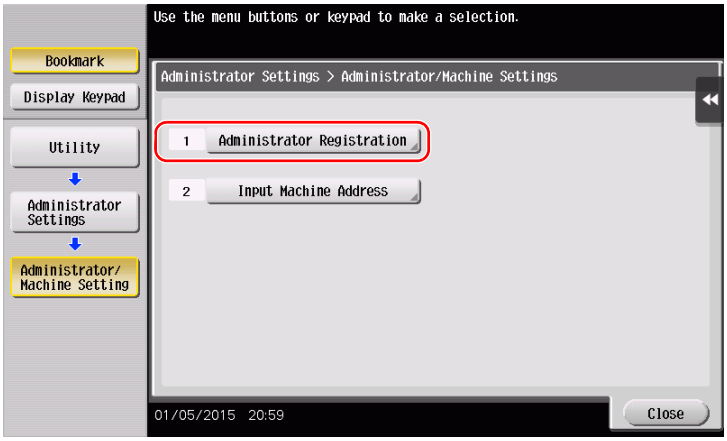


4 Enter the SMTP server address.

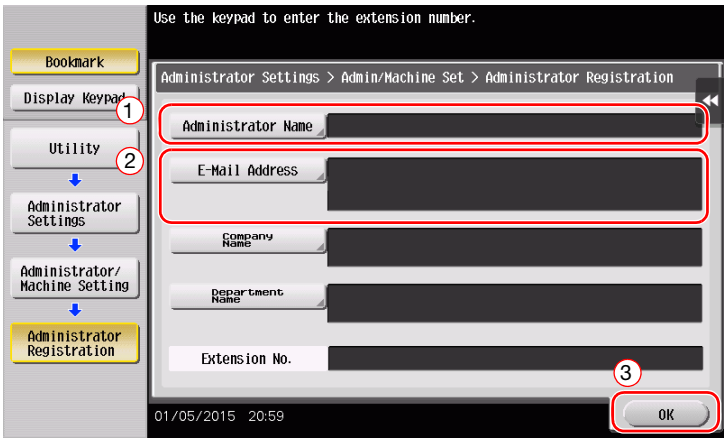


Configuring administrator information

1 Tap [Utility], and select [Administrator Settings] - [Administrator/Machine Settings] - [Administrator Registration].

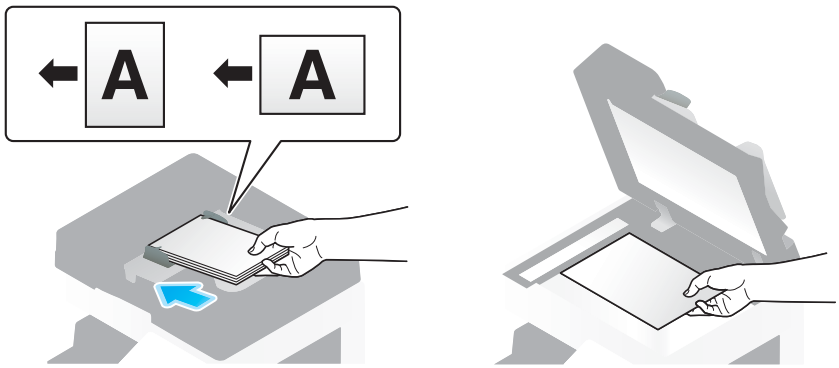


2 Enter the required information, then tap [OK].

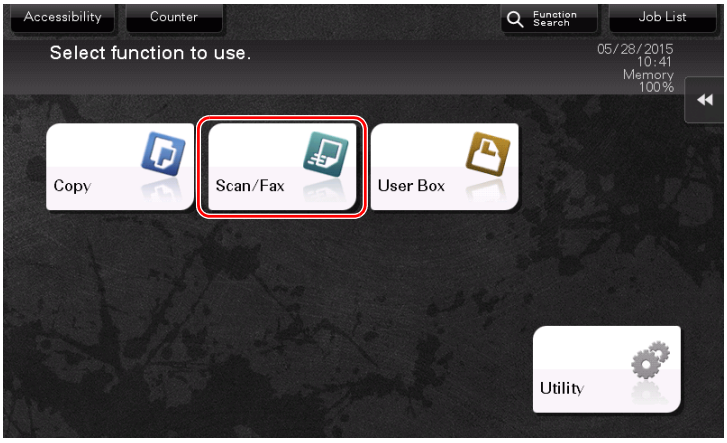


Sending the original

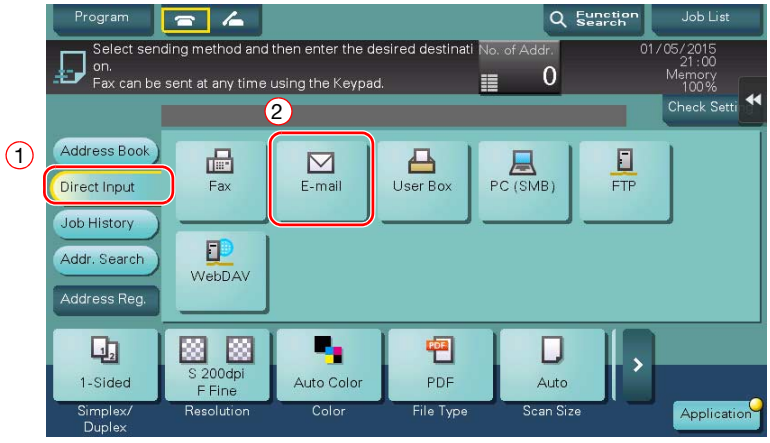
1 Load the original.

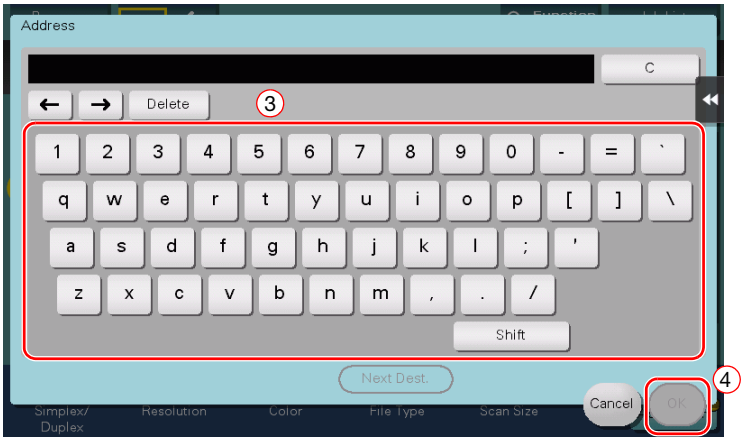


2 Tap [Scan/Fax].



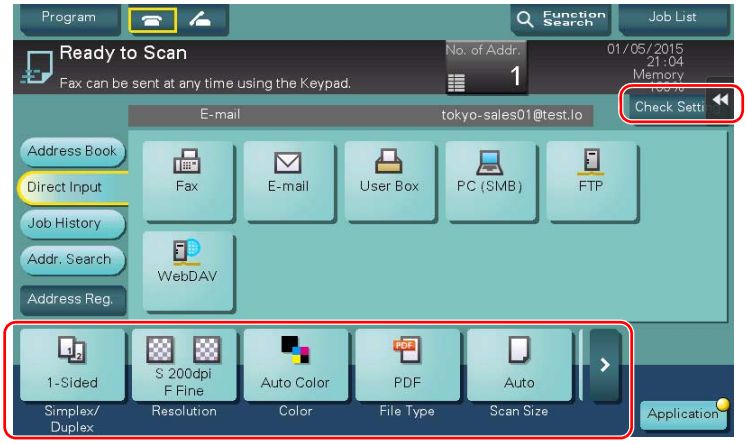
3 Enter a destination.





4 Check the setting if necessary.

➔ Tap [Check Setting] to check the setting.



➔ You can also check the setting using the keys displayed on the **Touch Panel**.

➔ To change the setting, tap the desired key on the **Touch Panel**.

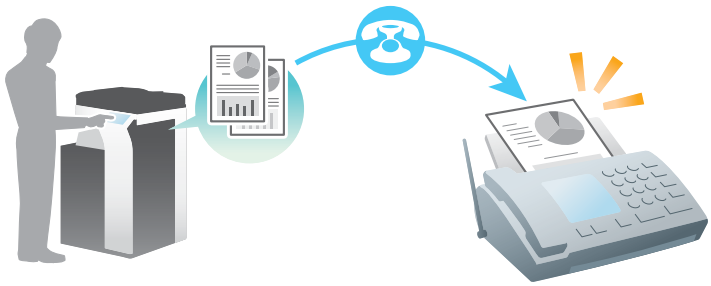
Settings	Description
[Simplex/Duplex]	Select whether to scan one or both sides of the original.
[Resolution]	Specify the scanning resolution.
[Color]	Select whether to scan the original in color or black and white mode.
[File Type]	Select the type of the file to save scanned data.
[Scan Size]	Specify the size of the original to be scanned.
[File Name/Subject Name/Other]	Change the file name or the subject of an E-mail to be sent.

5 Press the **Start** key.

3.3 Fax function

3.3.1 Required settings and basic operations

This section describes the settings required to send and receive a fax via a telephone line as well as the basic operations.



Tips

- The **Hard Disk** is optional in some areas. To use the Fax function, the optional **Hard Disk** and **Fax Kit** must be installed in this machine.

Preparation flow

The following describes a preparation flow to send a fax. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Checking the cable connection (Administrator)

➔ Check that this machine is correctly connected to the telephone line. For details, refer to page 3-37.

2 Registering transmission information (Administrator)

➔ Specify the name and fax number to be displayed as a sender when sending a fax from this machine. For details, refer to page 3-37.

3 Selecting the dialing method (Administrator)

➔ Select the dialing method to suit your environment. For details, refer to page 3-38.

Operation flow

The following describes a flow to send a fax. For details, refer to page 3-39.

1 Loading the original

2 Entering a destination

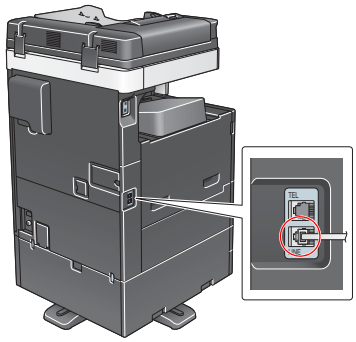
➔ Enter the destination fax number, and check the settings such as the image quality.

3 Press the **Start** key.

➔ Press the **Start** key to send the original.

Checking the cable connection

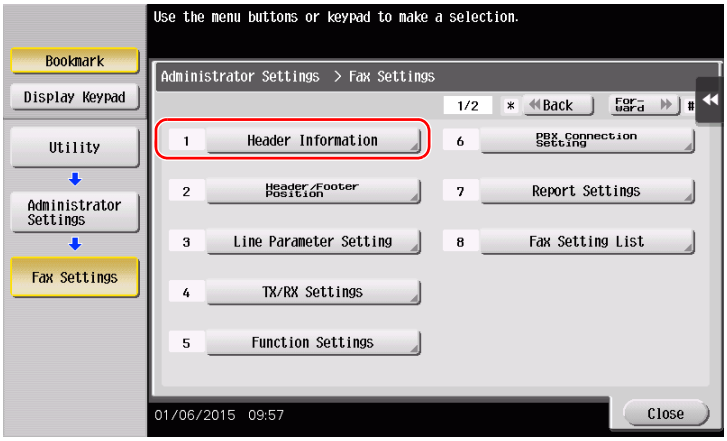
Check that a modular cable is connected to the LINE port of this machine.



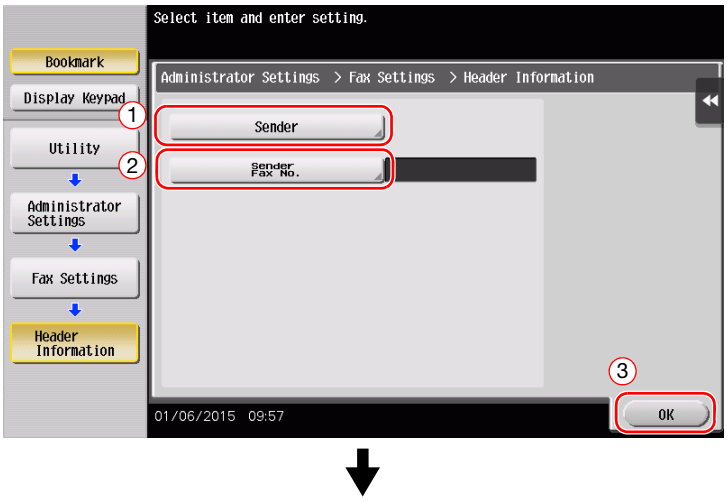
Registering transmission information

1 Tap [Utility], and select [Administrator Settings] - [Fax Settings] - [Header Information].

➔ For information on the default administrator password, refer to the User's Guide CD/DVD.

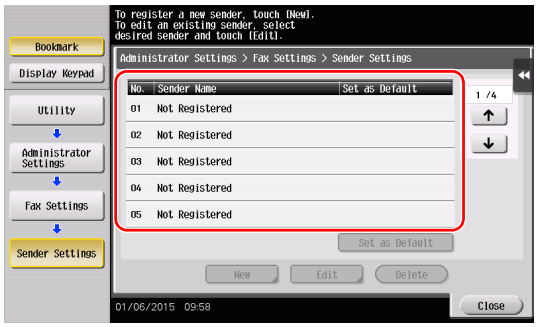


2 Enter the sender information, then tap [OK].



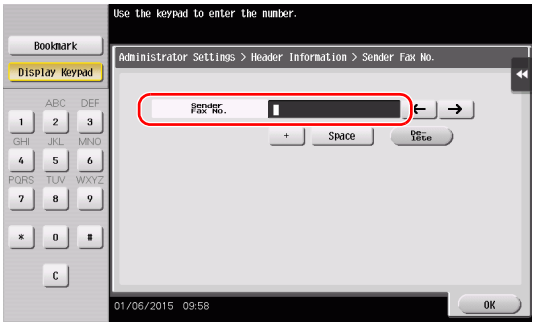
- Sender settings

Enter the name to be displayed as a sender.



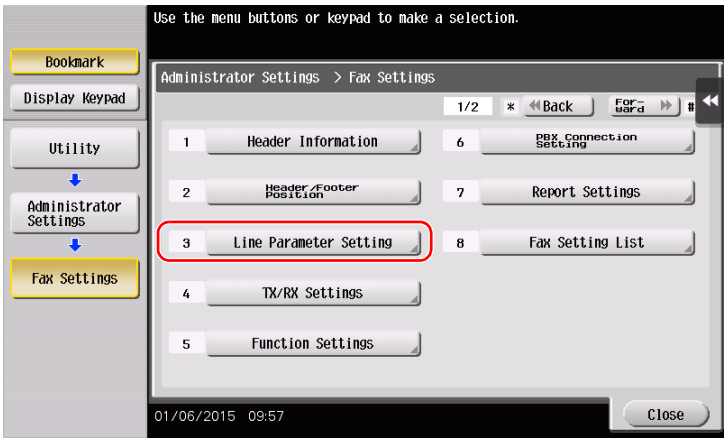
- Sender Fax No. Settings

Enter the fax number to be displayed as a sender.

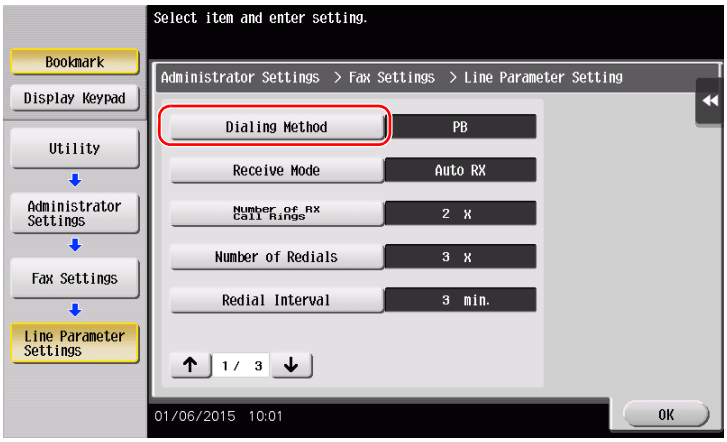


Selecting the dialing method

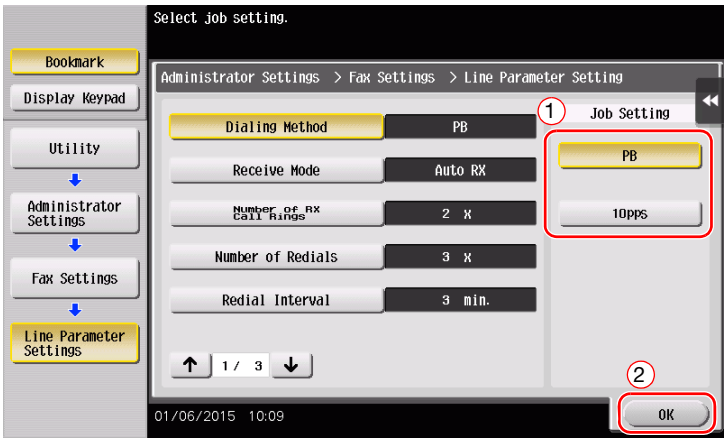
1 Tap [Utility], and select [Administrator Settings] - [Fax Settings] - [Line Parameter Setting].



2 Tap [Dialing Method].



3 For the push-button type, select [PB], and for the dial-pulse type, select [10pps].

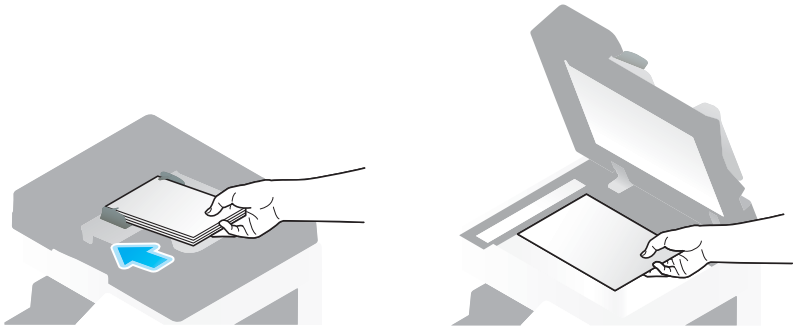


If you do not know the type of the dialing method:

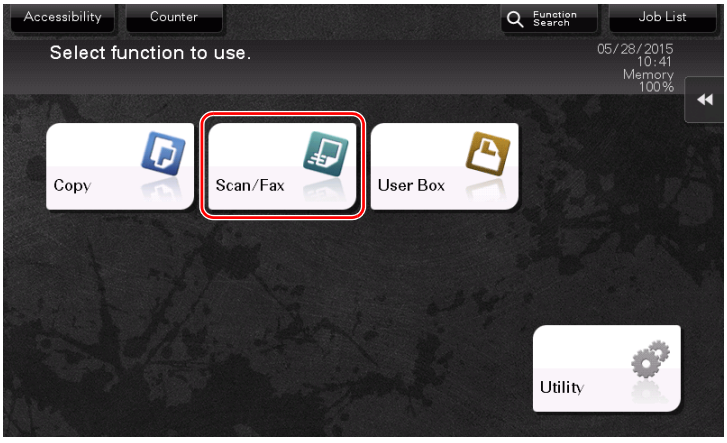
- If you do not know the type of the dialing method, operate push buttons of your phone. When you hear "beep boop beep", set [Dialing Method] to [PB].
- If you do not hear "beep boop beep" after operating push buttons, select [10pps].

Sending the original

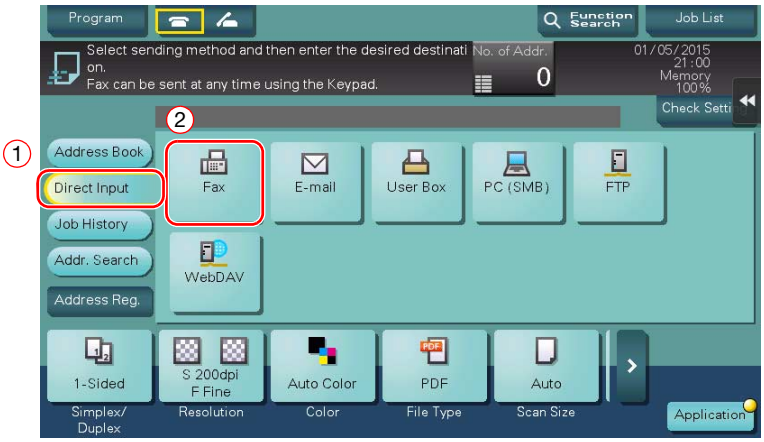
1 Load the original.

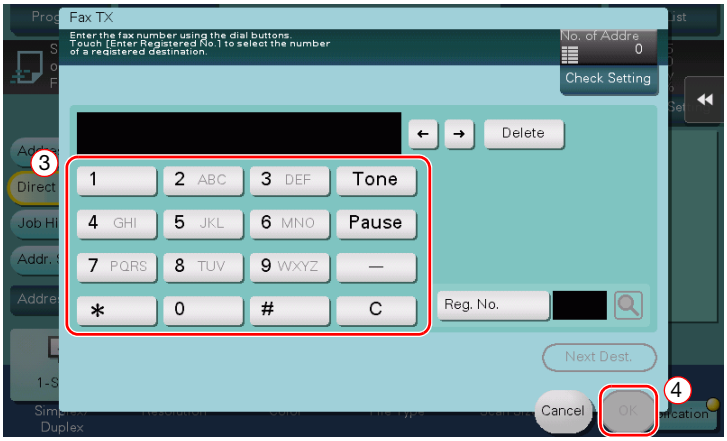


2 Tap [Scan/Fax].



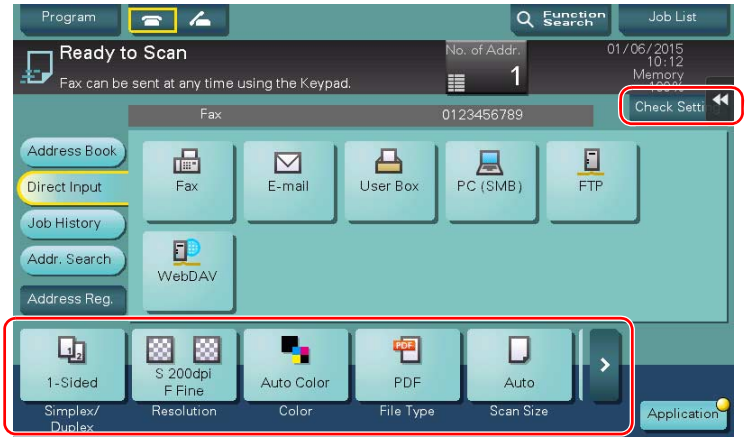
3 Enter a destination.





4 Check the setting if necessary.

➔ Tap [Check Setting] to check the setting.



➔ You can also check the setting using the keys displayed on the **Touch Panel**.

➔ To change the setting, tap the desired key on the **Touch Panel**.

[Color], [File Type], and [File Name/Subject Name/Other] are not available when sending to a fax number.

Settings	Description
[Simplex/Duplex]	Select whether to scan one or both sides of the original.
[Resolution]	Specify the scanning resolution.
[Scan Size]	Specify the size of the original to be scanned.

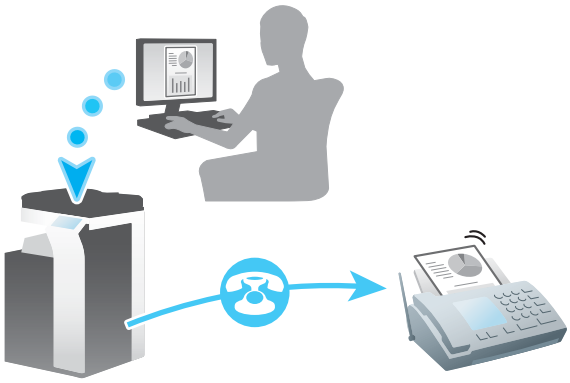
5 Press the **Start** key.

3.3.2 Sending a fax directly from a PC (PC-FAX TX)

You can send a fax to the destination fax machine in the same manner as you print out data created on your computer.

Advantages to send a fax directly from a computer

- Realizing paper saving
- Completing fax operations without leaving your desk
- Offering clear images by sending data directly from a computer



Tips

- The **Hard Disk** is optional in some areas. To use this function, the optional **Hard Disk** and **Fax Kit** must be installed in this machine.
- This function is not supported in the Mac operating system.

Preparation flow

The following describes a preparation flow to send a fax from a computer. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Checking the cable connection (Administrator)

➔ Check that this machine is correctly connected to the telephone line and network cable. For details, refer to page 3-42.

2 Checking network settings of this machine (Administrator)

➔ Check the network settings of this machine. For details, refer to page 3-43.

The network can be used with the default settings unless otherwise requested.

3 Installing the fax driver on your computer

➔ Install the printer driver on your computer. For details, refer to page 3-44.

Operation flow

The following describes a flow to send a fax. For details, refer to page 3-45.

1 Creating data

➔ Create data to be sent using application software.

2 Configuring the fax driver

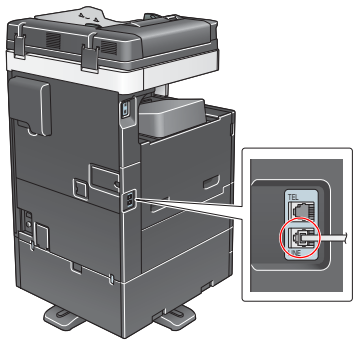
➔ Select a fax driver, and change the setting if necessary.

3 Entering a destination to send data

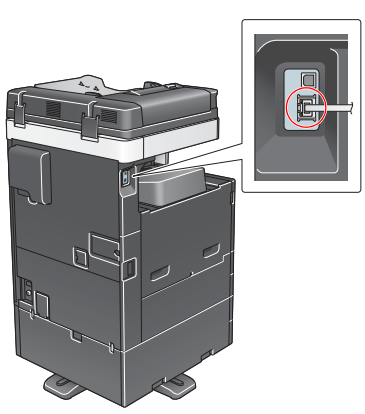
➔ Enter a destination to send data.

Checking the cable connection

1 Check that a modular cable is connected to the LINE port of this machine.



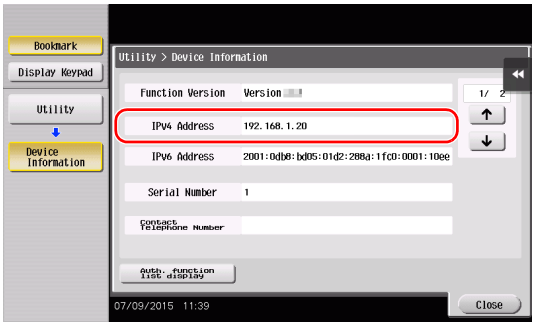
2 Check that a LAN cable is connected to the LAN port of this machine and the green LED is on.



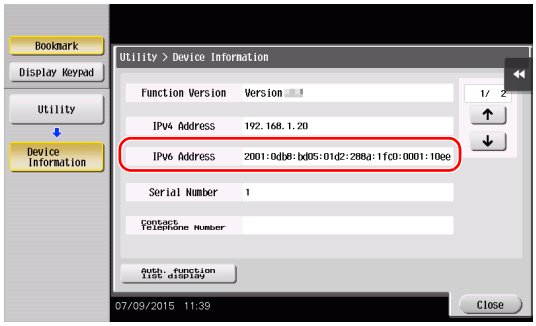
Checking network settings of this machine

Tap [Utility], and select [Device Information]. Check that the IP address is displayed.

- For IPv4 environment

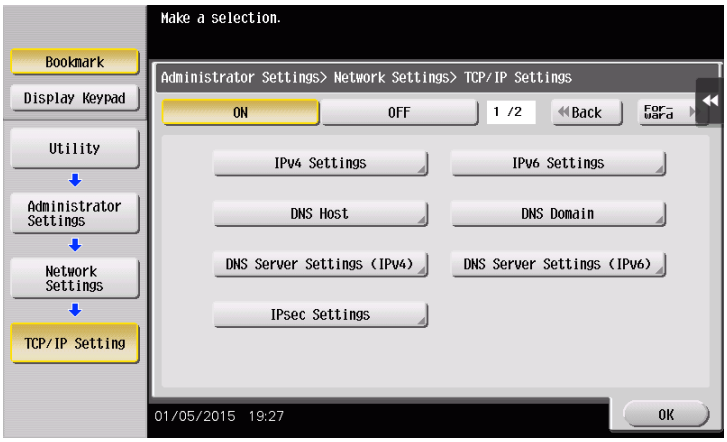


- For IPv6 environment



Tips

- In general, the default settings are available for network connection; however, some network environments require a change on network settings.
- If no IP address is displayed, you need to configure the network. Tap [Utility], and select [Administrator Settings] - [Network Settings] - [TCP/IP Settings]. Configure the required settings to suit your environment. For details, refer to the User's Guide DVD.
- For information on the default administrator password, refer to the User's Guide CD/DVD.



Installing the fax driver

Use the installer to install the fax driver.

This section describes how to configure the standard print settings.

✔ This operation requires administrator privileges for your computer.

1 Insert the printer driver DVD-ROM into the DVD-ROM drive of the computer.

2 Click [Printer Install].

3 Proceed with the procedure according to the on-screen instructions.

Printers and MFPs connected to the network are automatically searched for.

4 Select this machine from the list.

5 Select a fax driver.

6 Click [Install].

7 Click [Finish].

Sending data

1 Create data to be sent using application software.

2 From the [File] menu, select [Print].

3 Select the fax driver of this machine, and click [Print].

➔ Clicking [Preferences] can change the setting of the printer driver as required.

➔ If user authentication is enabled in this machine, specify the required data such as the user name and password.

4 Enter the destination [Name] and [FAX Number].

➔ To send data to more than one destination, repeat this step.

➔ Clicking [Add from Address Book] can retrieve the registered destinations of this machine.

5 Click [OK].

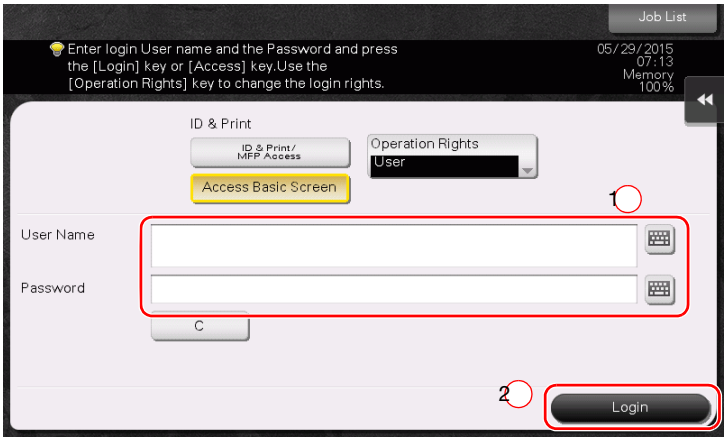
3.4 Copy function

Basic operations

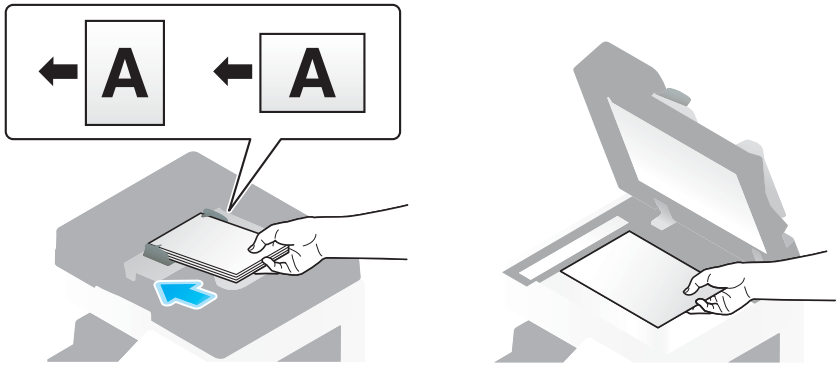
The following describes the basic operations to make a copy.

1 If user authentication is enabled, the login screen appears. Tap the entry area or keyboard icon to enter the required information, then tap [Login] or press **Access** key.

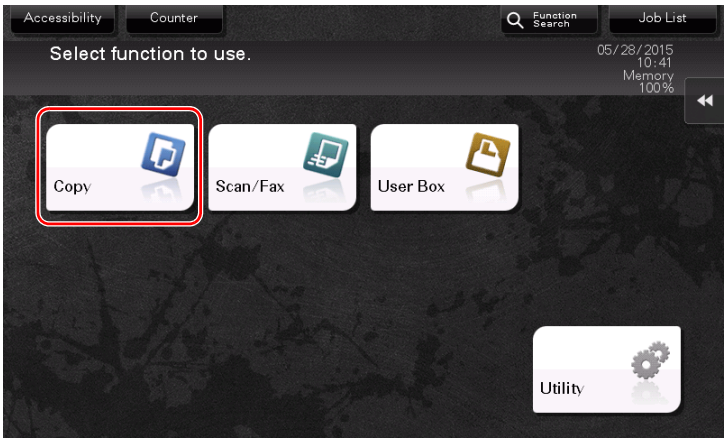
➔ If IC card or biometric authentication is enabled, refer to page 3-48.



2 Load the original.



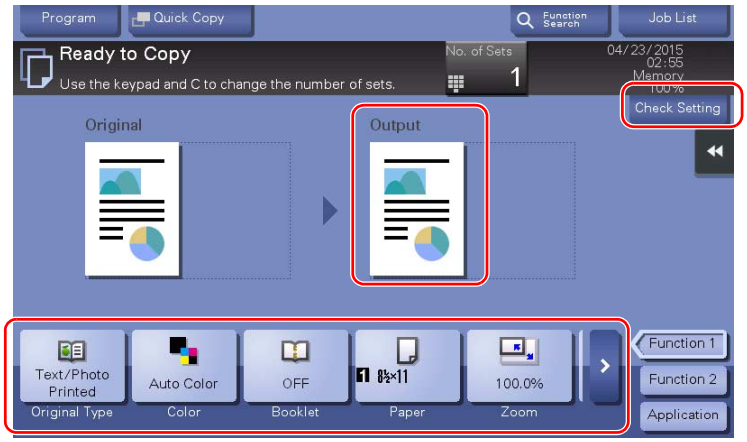
3 Tap [Copy].



4 Check the basic settings.

➔ Check the output image configured as specified while viewing the output illustrations displayed on the **Touch Panel**.

➔ Tapping [Check Setting] can check detailed settings.

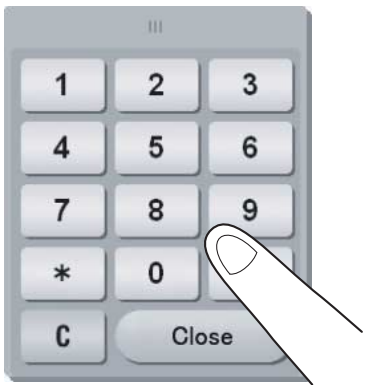


➔ To change the setting, tap the desired key on the **Touch Panel**.

Settings	Description
[Original Type]	Specify the original type of the original.
[Color]	Specify the color to output an image.
[Booklet]	The pages in the original data are arranged and spread in a booklet format and printed on both sides of sheets.
[Paper]	Specify the output paper.
[Zoom]	Specify the zoom ratio.
[Duplex/Combine]	Specify double-sided copying or combine copying.
[Finishing]	Configure the offset, punch, or staple setting for output paper.
[Density]	Adjust the copy density.

5 Tap the input area for entering the number of copies.

6 Enter the number of copies using the **Keypad**, and press the **Start** key.

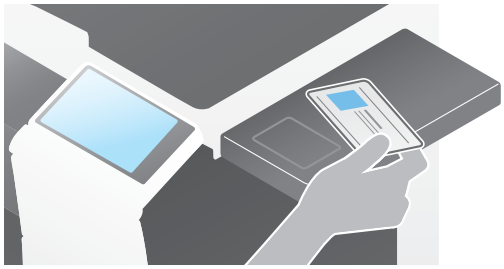


User authentication

You can perform authentication by user or group in this machine.

Installing optional units enables IC card, NFC, or biometric authentication.

If IC card or NFC authentication is enabled, place the IC card or Android terminal on the card reader of the authentication unit.



If biometric authentication is enabled, put your finger on the finger vein reader of the authentication unit.

3.5 Registering a destination

3.5.1 Registering an address book

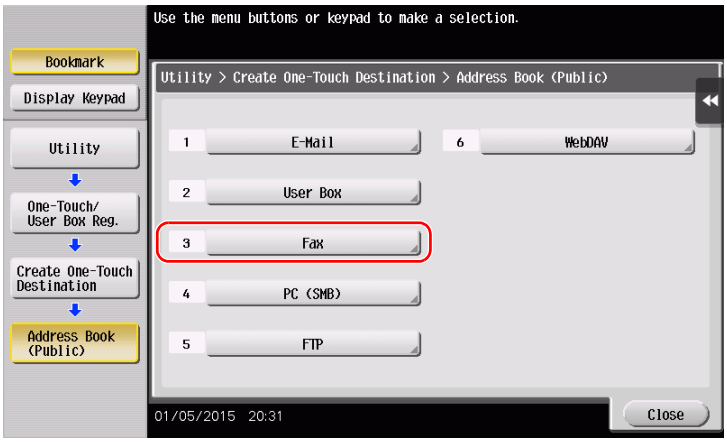
The fax and scan-to-send functions can register the frequently used destinations as address books. This section explains an example to register an address book to which a fax is sent.

Using the Control Panel to register an address book - Registration from Utility

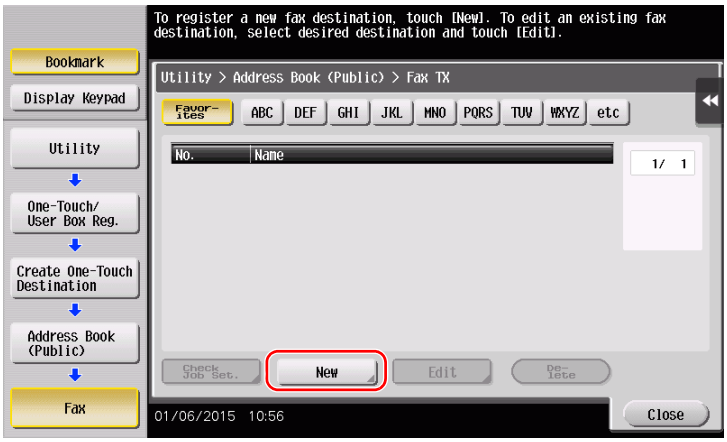
Select a destination type, and register destination information.

1 Tap [Utility], and select [One-Touch/ User Box Reg.] - [Create One-Touch Destination] - [Address Book (Public)].

2 Select the type of the destination you want to register.



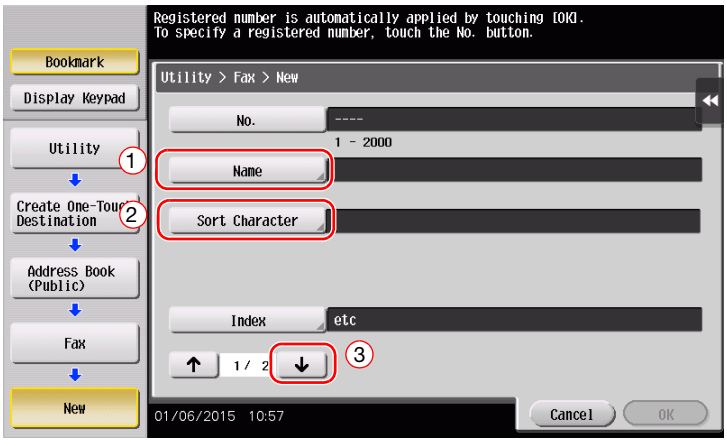
3 Tap [New].



4 Enter the destination name you want to register.

➔ Tap [Name], and enter the destination name using the displayed keyboard.

➔ For [Sort Character], enter the same name as [Name].

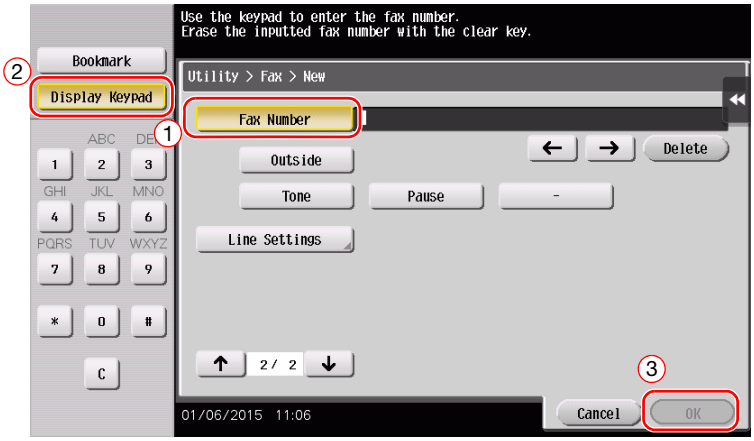


➔ This sets the appropriate index for the name, which you entered into [Name], to [Index]. To change the setting, tap [Index].

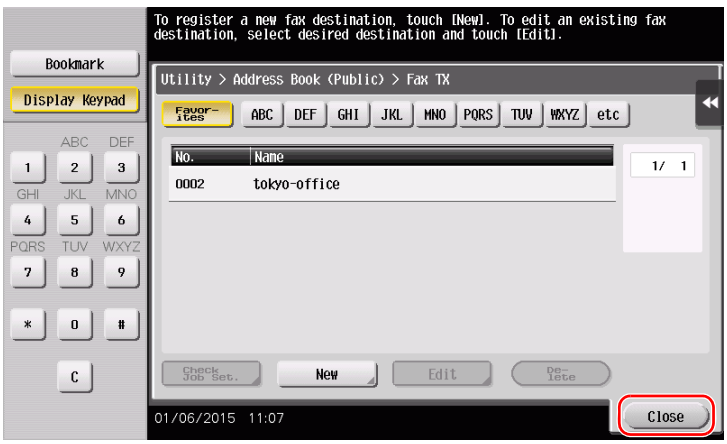
➔ Entry items and the number of setting screens vary depending on the destination type. Use [↑] or [↓] to switch setting screens while entering the required items. For information on entry items, refer to page 3-54.

5 Enter the fax number.

➔ Tap [Display Keypad] to display the **Keypad**, and enter the fax number.



6 Tap [Close].



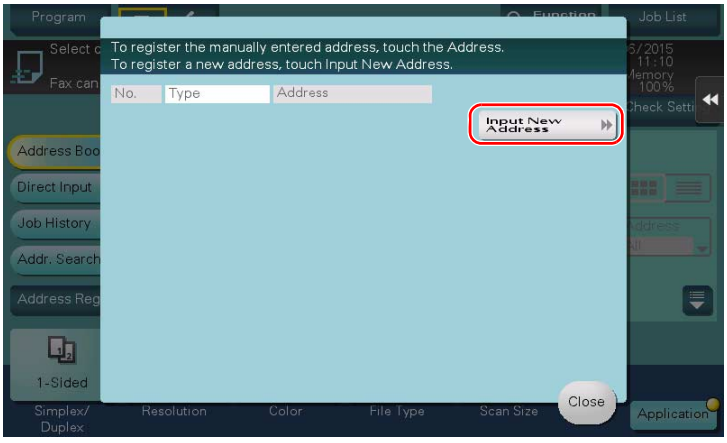
Using the Control Panel to register an address book - Registration in scan/fax mode

Select a destination type, and register destination information.

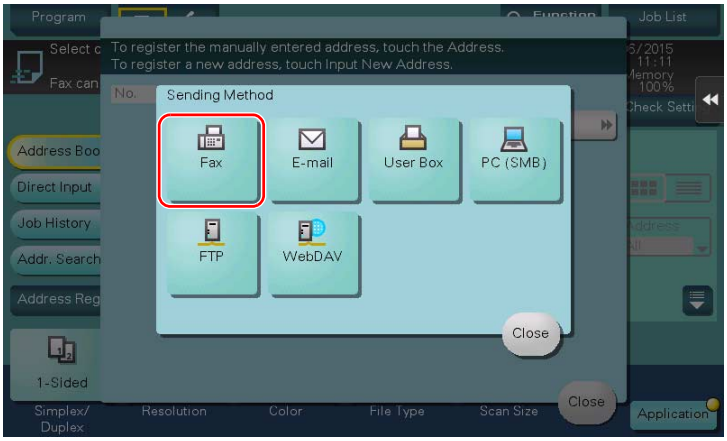
1 Display the scan/fax screen.

2 Tap [Address Reg.].

3 Tap [Input New Address].



4 Select a destination type.



5 Enter the fax number.

➔ For [Index], set searching words corresponding to [Name].

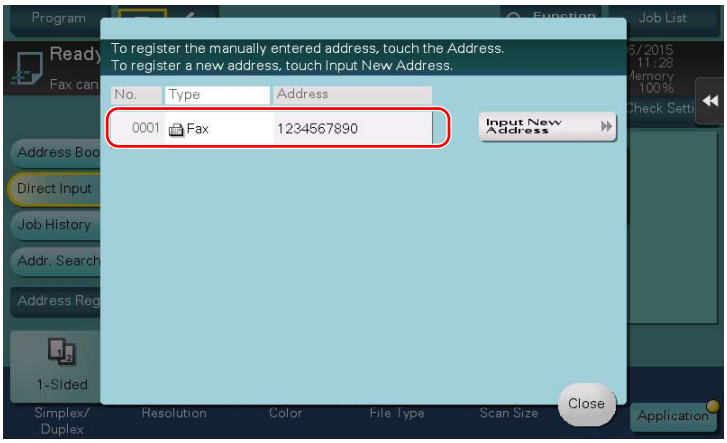
➔ For [Name], enter the destination name to be registered by using the displayed keyboard.

➔ For [Sort Character], enter the same name as [Name].

➔ Entry items and the number of setting screens vary depending on the destination type. For information on entry items, refer to page 3-54.

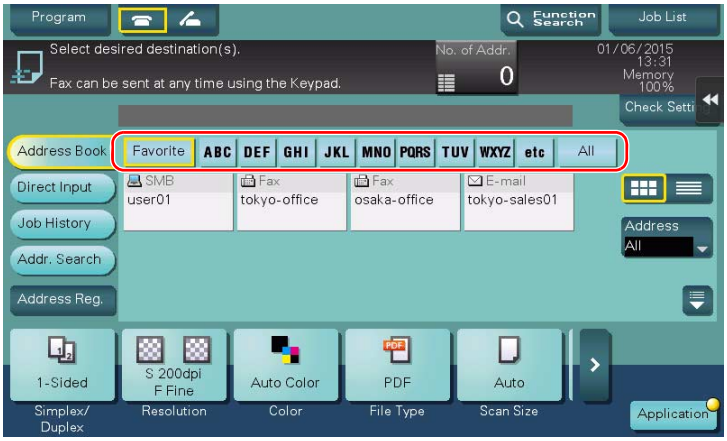
Registration by Direct Input

- The destination entered by using the [Direct Input] button can be registered before sending data as well. To register the destination, tap [Address Reg.] after entering the destination using direct input, and then select the destination.



What is an index?

- This is used as an index of a registered destination. Tap the Index key to narrow down a target destination.
- If [Favorite] is selected as an index, the destination appears in the basic screen of the transmission screen after it has been registered in the address book; enabling the user to easily select a destination.



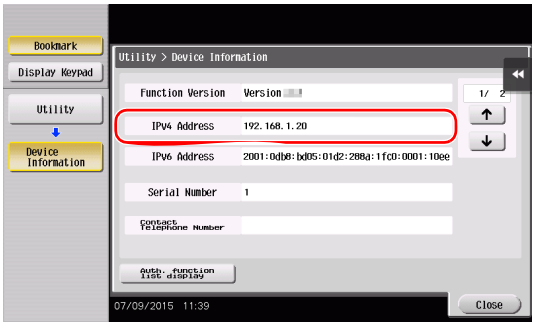
Using a computer to register a one-touch destination

In addition to using the **Control Panel**, address books can be registered from a computer using the utility software, **Web Connection**.

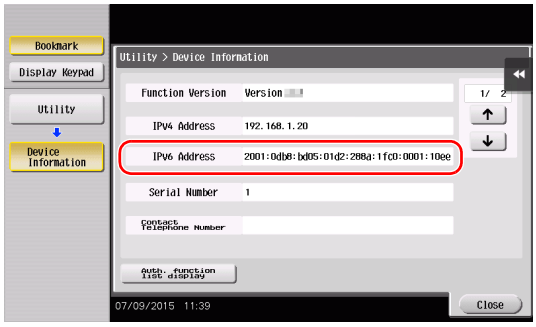
1 Check the IP address of this machine

➔ Tap [Utility], and select [Device Information]. Check that the IP address is displayed.

- For IPv4 environment



- For IPv6 environment



➔ If no IP address is displayed, you need to configure the network. For details, refer to the User's Guide DVD.

2 Start a Web browser, enter the IP address of this machine into the URL field, then press the [Enter] key.

➔ For "http://192.168.1.20/", "192.168.1.20" is an IP address.

➔ In the IPv6 environment, enclose the IPv6 address in brackets [ ]. For example, if the IPv6 address of this machine is "fe80::220:6bff:fe10:2f16", type in "http://[fe80::220:6bff:fe10:2f16]/".

➔ If the login screen appears, enter the required items, then click [Login].

3 Select [Store Address] and click [New Registration].

4 Select the type of the destination you want to register.

5 Enter the required information such as the name, fax number, and index.

3.5.2 Information required to register a destination

The items to be entered or the number of screens required to register a destination vary depending on the transmission type. This section describes specific information required to register a destination.

Tips

- Setting items that can generally be used with defaults are omitted in this table.
- The **Hard Disk** is optional in some areas. To register a User Box destination, the optional **Hard Disk** must be installed in this machine. To register a fax destination, the optional **Hard Disk** and **Fax Kit** must be installed in this machine.

Item		Description
[E-Mail]	[Name]	Enter the name of the destination to be registered as an address book.
	[E-Mail Address]	Enter the E-mail address used as the destination.
[User Box]	[Name]	Enter the name of the destination to be registered as an address book.
	[User Box]	Select a User Box to be used as a destination.
[Fax]	[Name]	Enter the name of the destination to be registered as an address book.
	[Fax Number]	Enter the fax number of the destination.
[PC (SMB)]	[Name]	Enter the name of the destination to be registered as an address book.
	[User ID]	Enter the login name of the destination computer.
	[Password]	Enter the password required to log in to the computer.
	[Host Address]	Enter the computer name or IP address.
	[File Path]	Enter the folder name to be used as the destination.
[FTP]	[Name]	Enter the name of the destination to be registered as an address book.
	[Host Address]	Enter the address of the FTP server.
	[File Path]	Enter the directory to be used as the destination.
	[User ID]	Enter the user ID required to log in with FTP.
	[Password]	Enter the password required to log in with FTP.
[WebDAV]	[Name]	Enter the name of the destination to be registered as an address book.
	[User ID]	Enter the user ID required to log in with WebDAV.
	[Password]	Enter the password required to log in with WebDAV.
	[Host Address]	Enter the address of the WebDAV server.
	[File Path]	Enter the directory to be used as the destination.

3.5.3 Registering a group

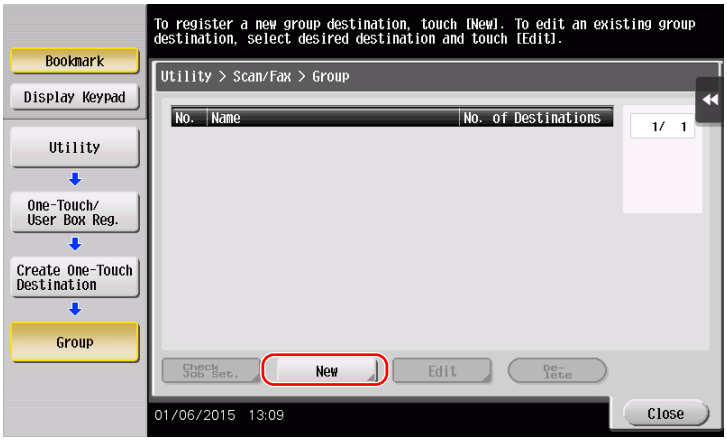
Several address books can be registered as a group.

This function is useful when you have jobs involving sending data to specified members at periodic intervals.

Registering a new group

1 Tap [Utility], and select [One-Touch/ User Box Reg.] - [Create One-Touch Destination] - [Group].

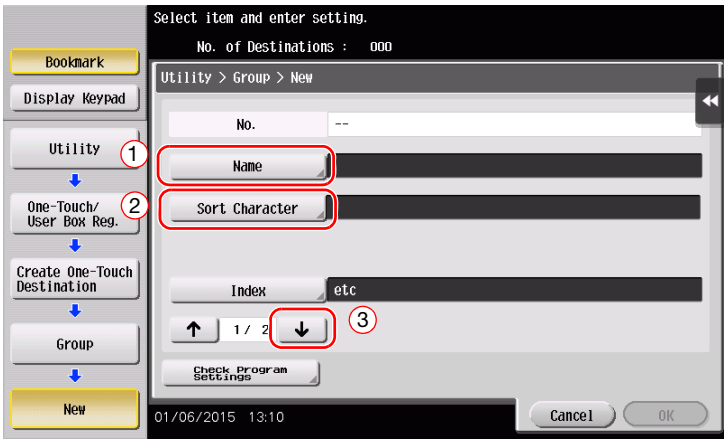
2 Tap [New].



3 Enter the destination name you want to register.

➔ Tap [Name], and enter the destination name using the displayed keyboard.

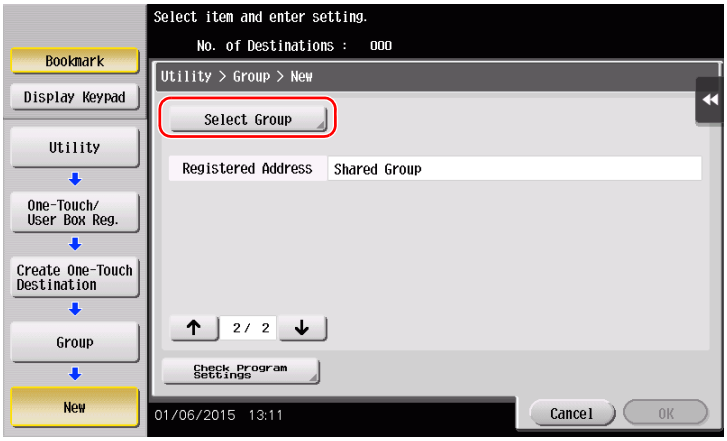
➔ For [Sort Character], enter the same name as [Name].



➔ This sets the appropriate index for the name, which you entered into [Name], to [Index]. To change the setting, tap [Index].

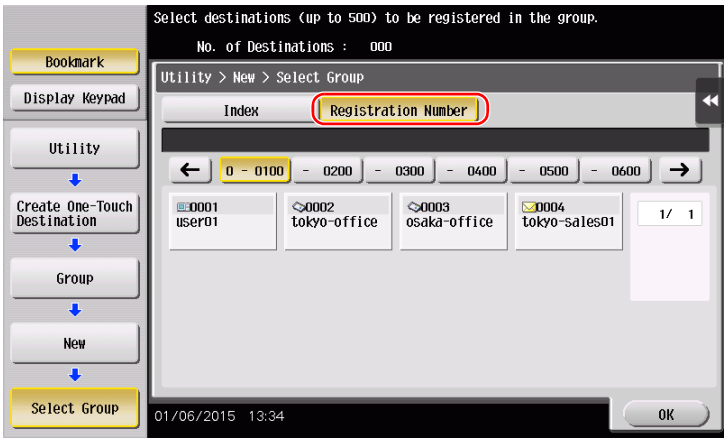
4 Select destinations to be grouped.

Display and select the target address book on the destination selection screen. The following two methods can be used to search for a destination.



➔ [Index]: Searches for the target destination name using an index.

➔ [Registration Number]: Searches for the target destination using a registration number.



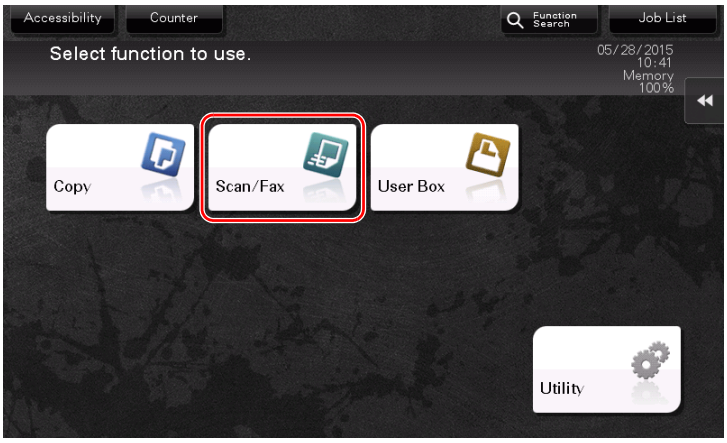
5 Repeat Step 4 until you select all address books to be grouped.

3.5.4 Retrieving a registered destination

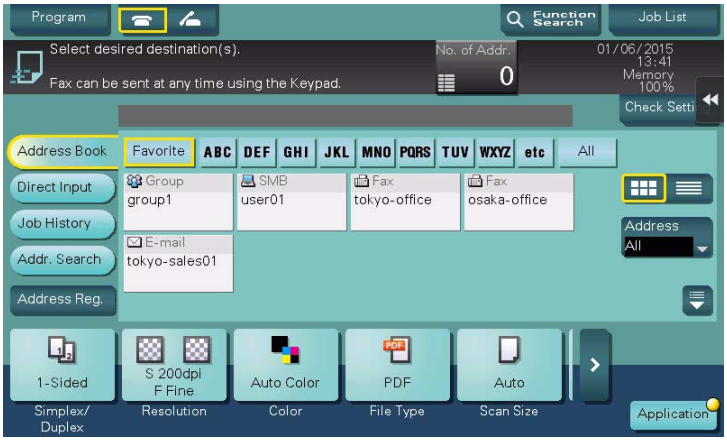
Retrieve an address book or group to specify it as a destination to which data is sent.

Retrieving a destination

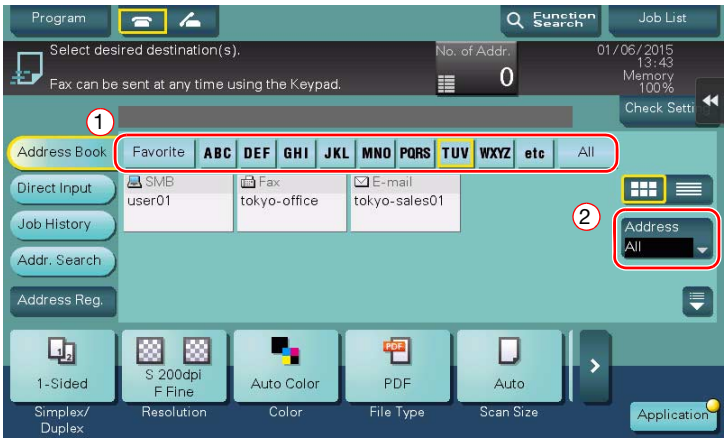
1 Tap [Scan/Fax].

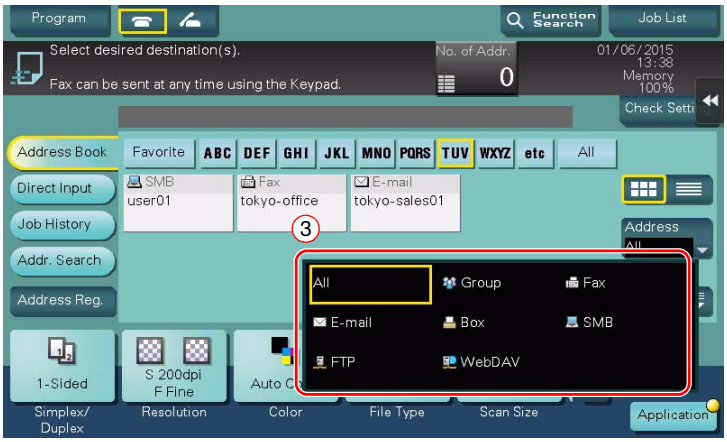


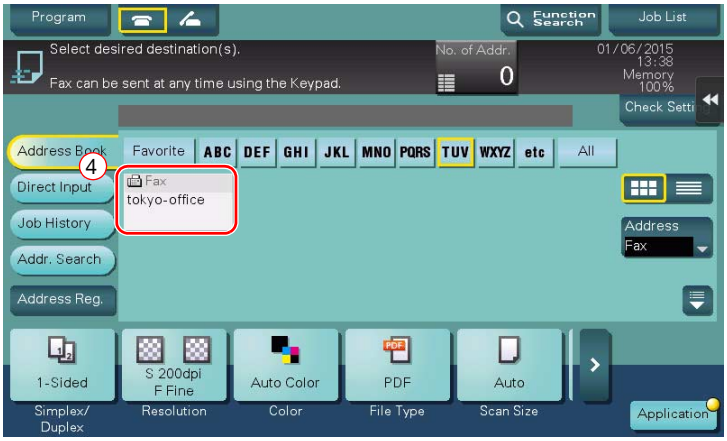
The destinations, which are categorized into [Favorite] when registering indexes, are displayed on the basic screen.



2 Narrow down destinations using index and address type.







Specifying a destination

In addition to retrieving a registered destination, a destination can be specified in various methods.

Method	Description
[Direct Input]	Directly enter a destination using the keyboard screen or **Keypad**.
[Job History]	Specify a target destination in the job history (latest five destinations) on the scan/fax screen.
[Addr. Search]	Retrieves destination candidates by the prefix search function using the name (registered destination name) or address (fax number, E-mail address, or computer name). This function is convenient when there are too many registered destinations.

Reference

For details, refer to the User's Guide DVD.

3.6 Using a USB memory device

3.6.1 Printing data in a USB memory device

Data saved in the USB memory device can be printed. This function is useful when printing data created on a computer that is not connected to the network.

Available USB memory device

- Compatible with USB version 2.0/1.1 interface
- Formatted in FAT32
- Without security function added, or with security function that can be turned off as required

- There is no upper limit for the memory size.

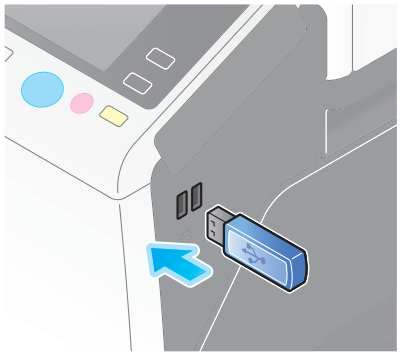
Available printing file types

- PDF, Compact PDF, JPEG, TIFF, XPS, Compact XPS, OOXML (.docx/.xlsx/.pptx), and PPML (.ppml/.vdx/.zip)

- Other file types are not supported on this machine.

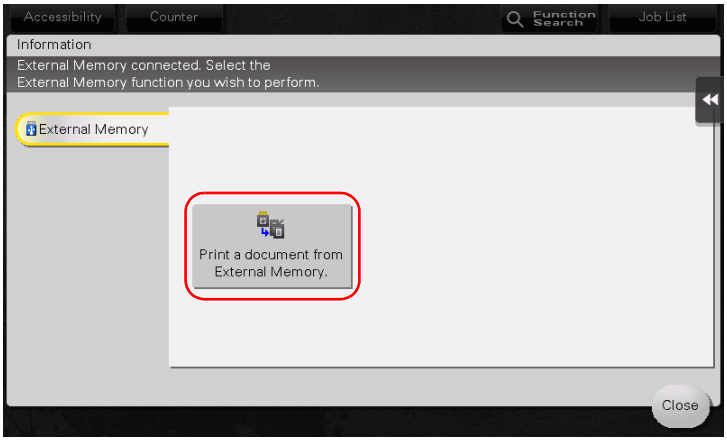
Printing data

1 Connect a USB memory device to this machine.

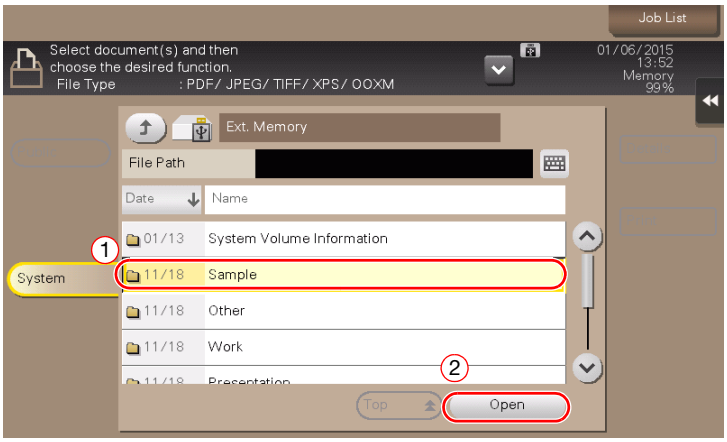


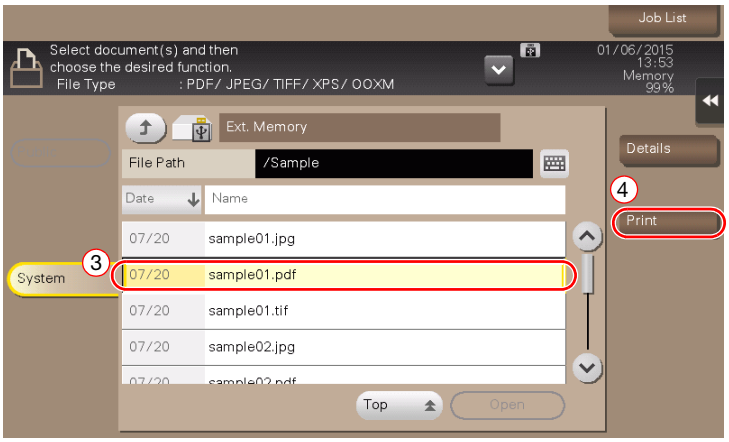
NOTICE
Do not use a USB device other than a flash-memory device.

2 Tap [Print a document from External Memory.].



3 Select data to be printed, and tap [Print].





4 Check print settings.

5 Press the **Start** key.

NOTICE

Do not disconnect the USB memory device during data printing.

3.6.2 Saving the scanned data in the USB memory device (External memory)

The data scanned on this machine can be saved to the USB memory device, so it is convenient when printing data created on a computer that is not connected to the network.

Available USB memory device

- Compatible with USB version 2.0/1.1 interface
- Formatted in FAT32
- Without security function added, or with security function that can be turned off as required

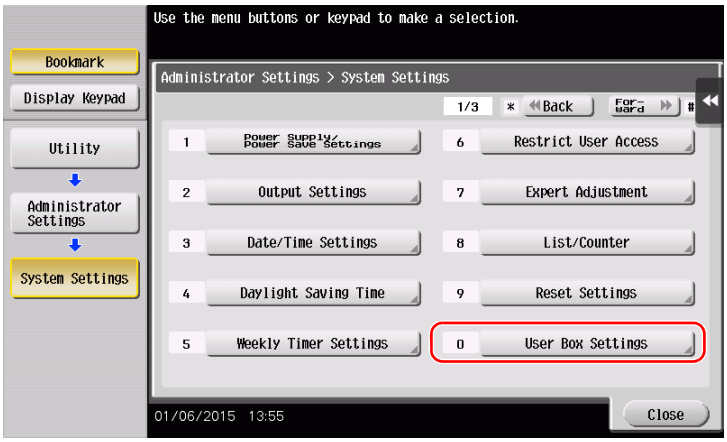
- There is no upper limit for the memory size.

Specifying functions to be permitted for external memory

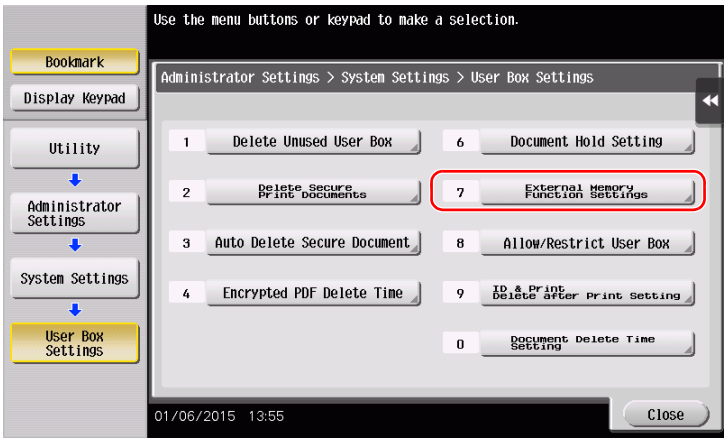
Change the settings to save documents in the USB memory device.

1 Tap [Utility], and select [Administrator Settings] - [System Settings] - [User Box Settings].

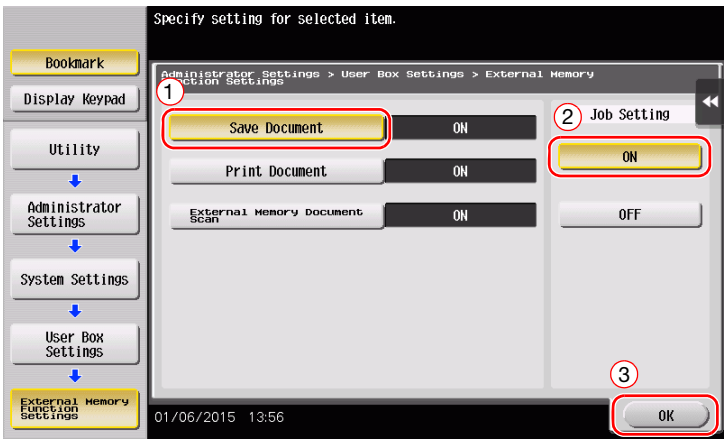
➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



2 Tap [External Memory Functional Settings].

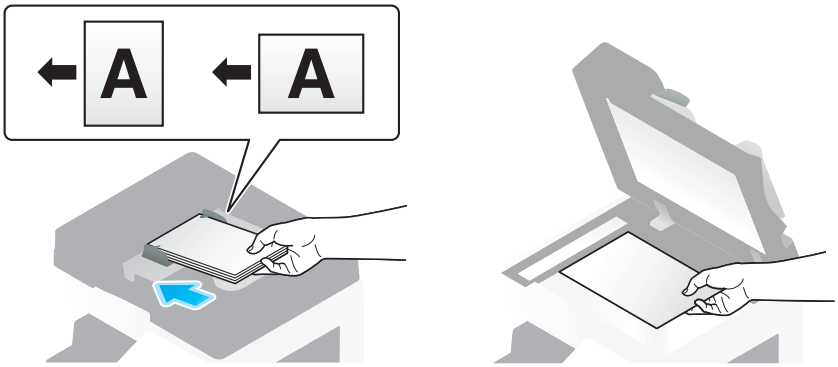


3 Select [Save Document] and [ON]. Tap [OK].

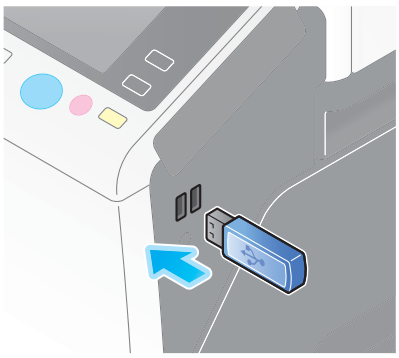


Saving data in the USB memory device

1 Load the original.



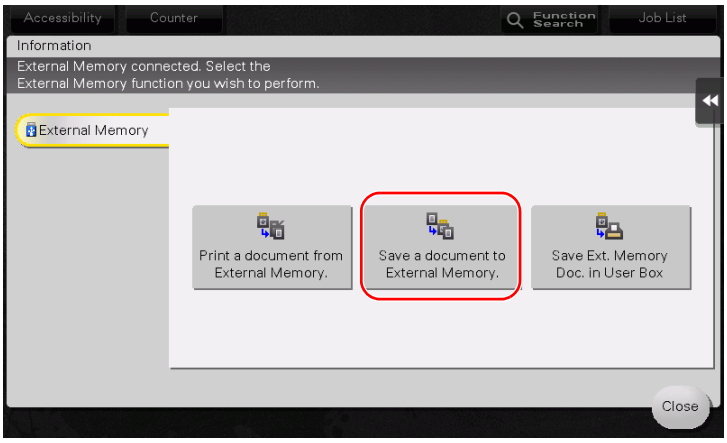
2 Connect a USB memory device to this machine.



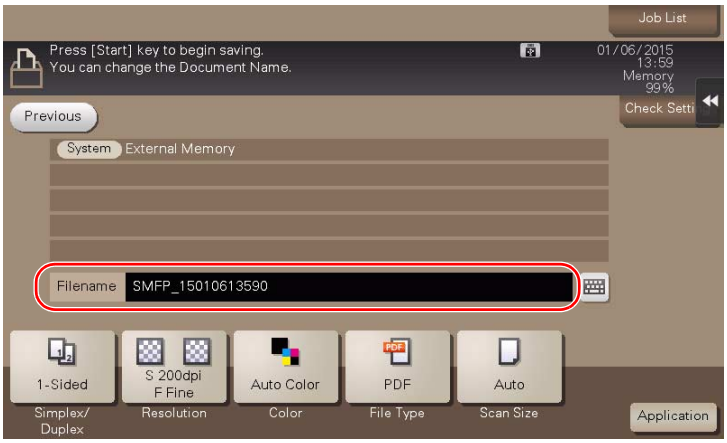
NOTICE

Do not use a USB device other than a flash-memory device.

3 Tap [Save a document to External Memory.].



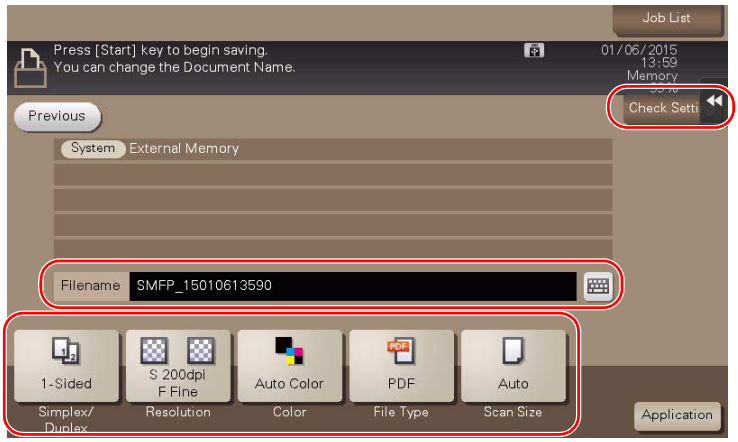
4 Check the file name.



5 If necessary, check the setting to save data.

➔ Tap [Check Setting] to check the setting.

➔ To change a file name, tap the file name or keyboard icon.



➔ You can also check the setting using the keys displayed on the **Touch Panel**.

➔ To change the setting, tap the desired key on the **Touch Panel**.

Settings	Description
[Simplex/Duplex]	Select whether to scan one or both sides of the original.
[Resolution]	Specify the scanning resolution.
[Color]	Select whether to scan the original in color or black and white mode.
[File Type]	Select the type of the file to save scanned data.
[Scan Size]	Specify the size of the original to be scanned.

6 Press the **Start** key.

NOTICE

Do not disconnect the USB memory device during data saving.

3.7 Using the guidance function

3.7.1 Guidance screen

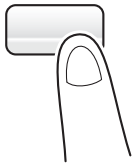
This machine provides the guidance function to display the description of a function on the screen and view an operation procedure with moving images.

If you have any questions during operation, try to use this guidance function.

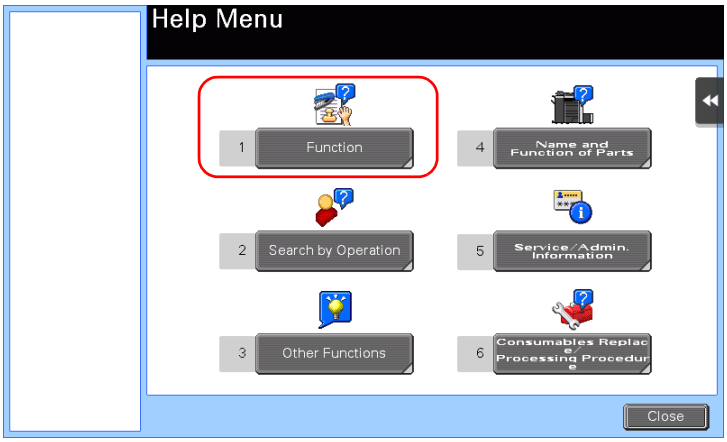
Getting help on the currently displayed screen:

Select [Function] on the Help Menu to display the guidance screen.

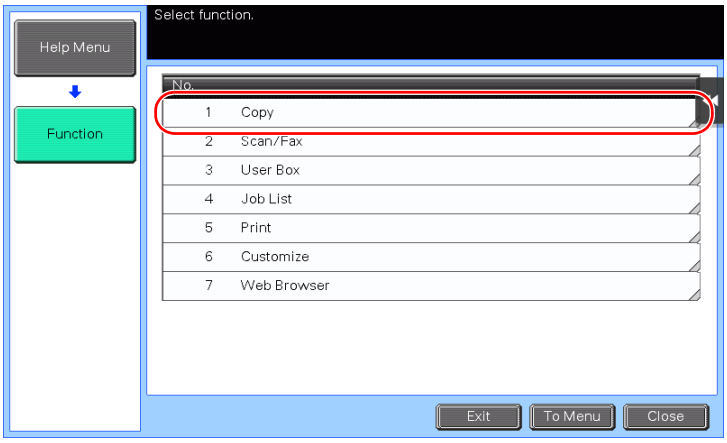
1 Press the **Guidance** key (default: Register key **2**).

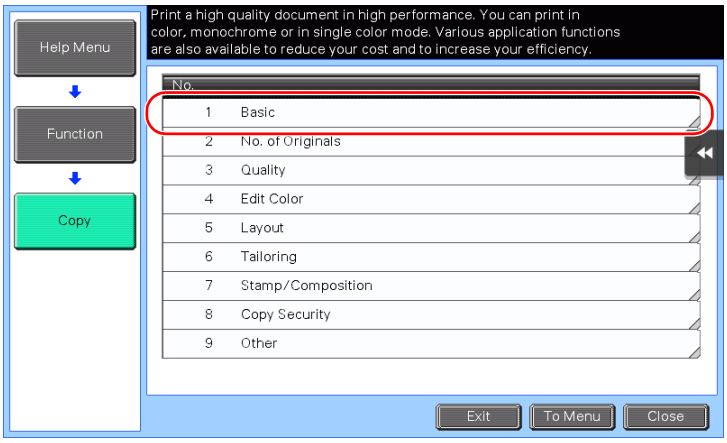


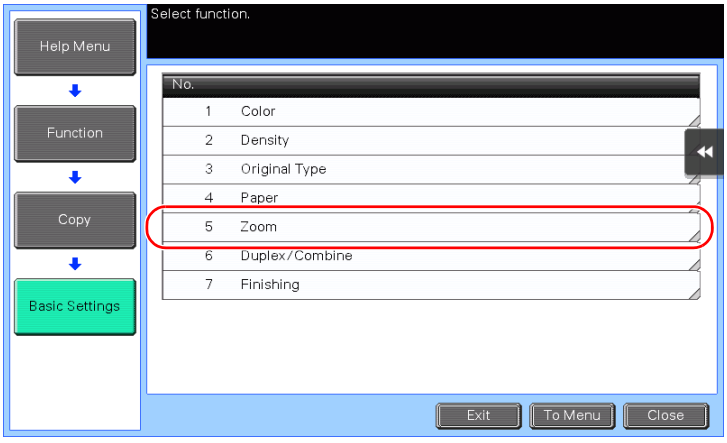
2 Select a menu.

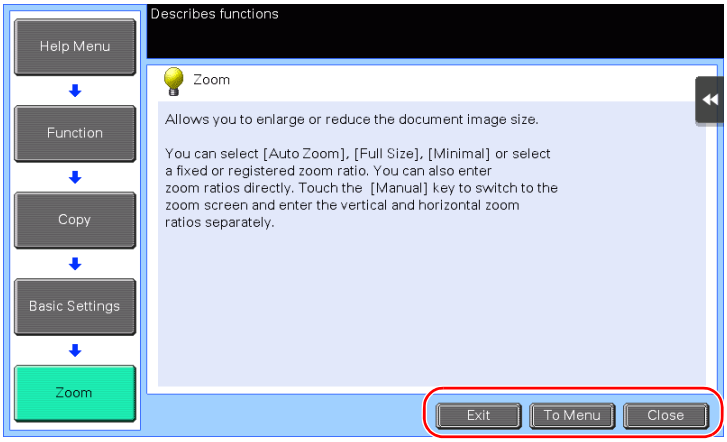


3 Narrow down the information you want to know.







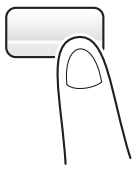


Name	Description
[Exit]	Returns to the screen that is displayed before the guidance screen.
[To Menu]	Returns to the Help Menu.
[Close]	Returns to the preceding screen.

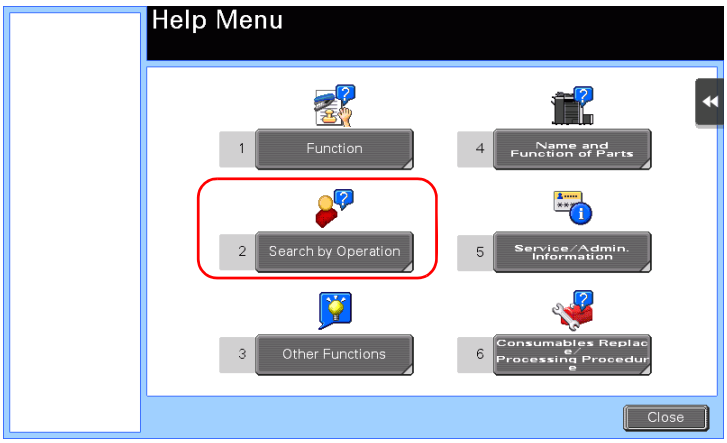
Getting help on the desired function or procedure:

Open the Help Menu, and select a menu depending on an objective to display the guidance screen.

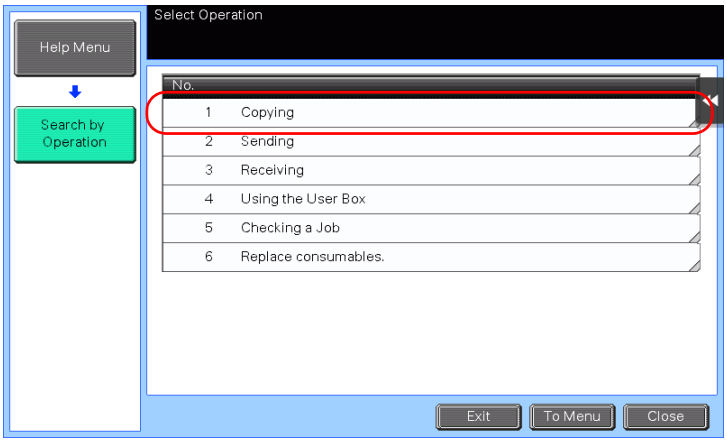
1 Press the **Guidance** key (default: Register key **2**).

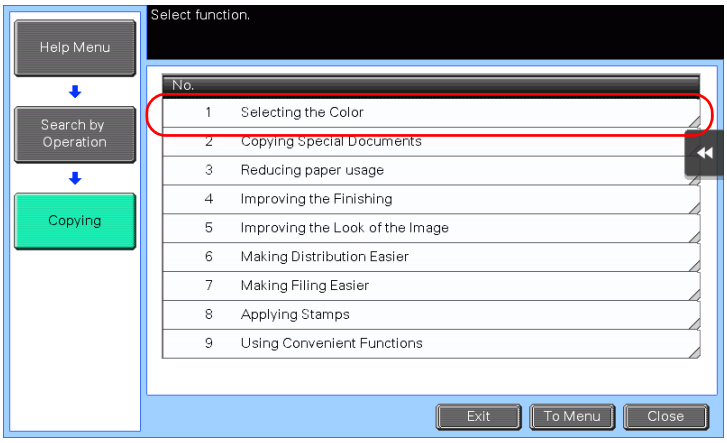


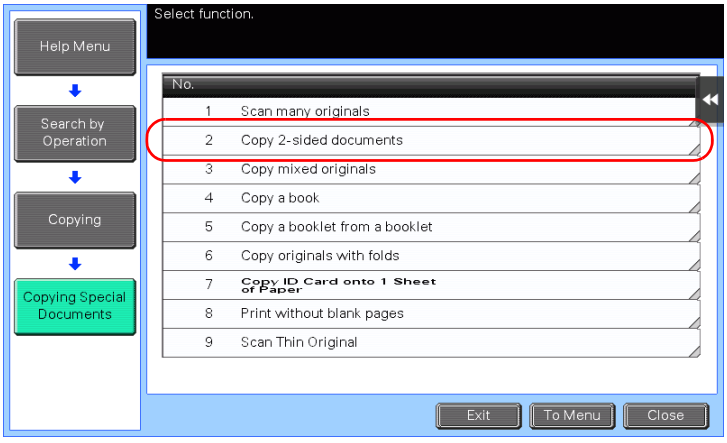
2 Select a menu.



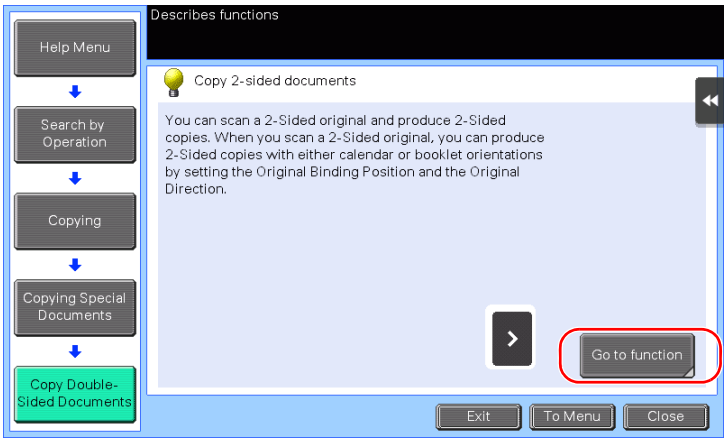
3 Narrow down the information you want to know.

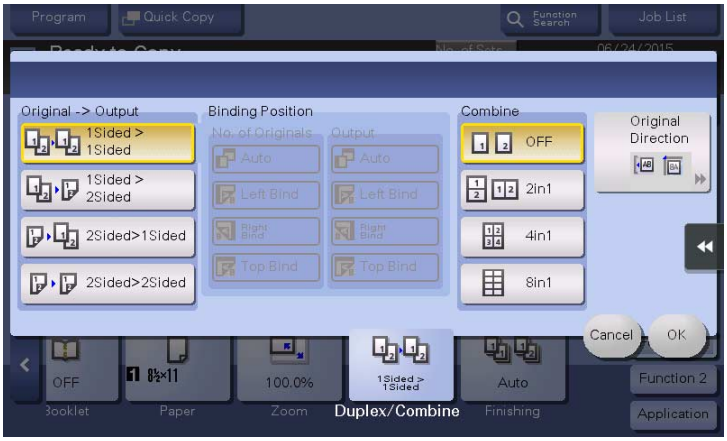






4 Tapping [Go to function] opens the setting screen of a target function, enabling you to configure the settings immediately.





Help Menu list

The Help Menu provides the following information:

Name	Description
[Function]	Tap this button to display the guidance menu that has been sorted according to the function names to be displayed on the screen.
[Search by Operation]	Tap this button to display operation examples and explanations of this machine sorted by function.
[Other Functions]	Tap this button to display the guidance menu of the functions and settings that make it easier to use this machine.
[Name and Function of Parts]	Tap this button to check the name or function of each part of this machine.
[Service/Admin. Information]	Tap this button to display the service or administrator information, administrator name, extension number, and E-mail address.
[Consumables Replace/ Processing Procedure]	Tap this button to check the consumables replacement or punch scrapping procedure.

3.8 Using the [Quick Security] function

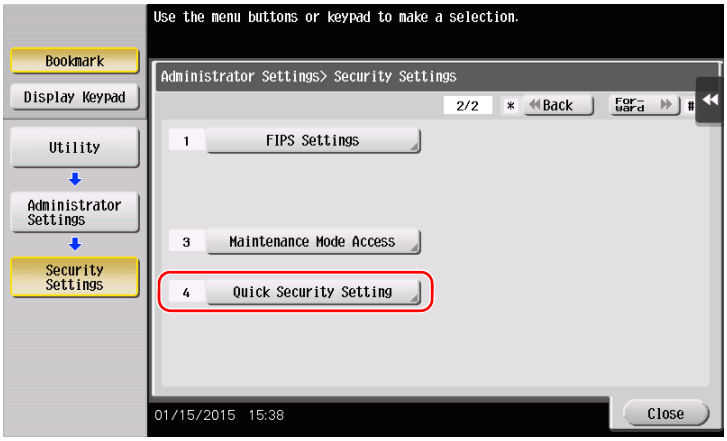
3.8.1 [Quick Security]

[Quick Security] allows you to configure the settings for enhancing the security level of this machine. In order to use this machine securely, we recommend that you use the [Quick Security] function to configure the settings.

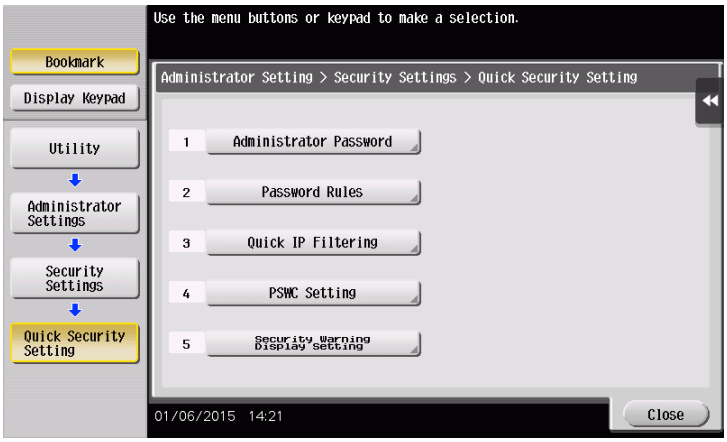
Required settings

1 Tap [Utility], and select [Administrator Settings] - [Security Settings] - [Forward] - [Quick Security Setting].

➔ For information on the default administrator password, refer to the User's Guide CD/DVD.

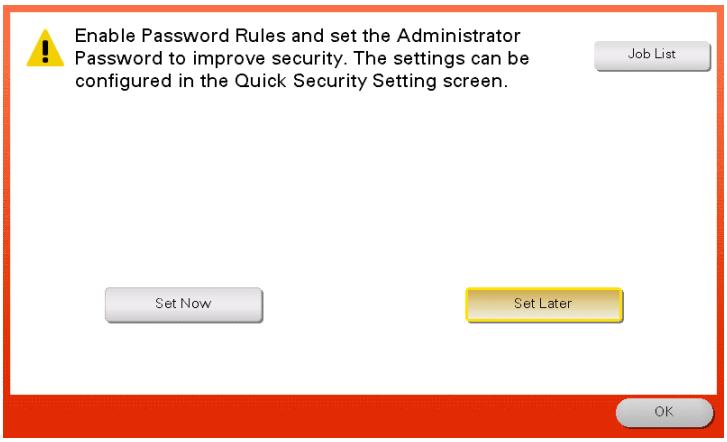


2 Configure a setting for each option.



Settings	Description
[Administrator Password]	Change the administrator password of this machine.
[Password Rules]	Configure whether to enable the password rules. Once you enable them, the number of characters and text types that are available for passwords is restricted.
[Quick IP Filtering]	Allows you to restrict the devices that can access this machine using the IP address (IPv4/IPv6). The range of IP addresses for which access is to be restricted is specified automatically.
[Web Setting]	Select whether to use **Web Connection**.
[Security Warning Display Setting]	Select whether to display the security warning screen if the administrator password remains set to the default or if password rules are not satisfied.

➔ When [Security Warning Display Setting] is set to [Display], the following security warning screen appears if the administrator password remains set to the default or if password rules are not satisfied. Tap [Set Now] to configure the [Quick Security] function.



Tips

- You can specify whether to display the [Quick Security] key on the main menu. This key is not displayed in the default state. To display the key, tap [Utility], and select [Administrator Settings] - [System Settings] - [Custom Display Settings] - [Main Menu Default Settings] - [Main Menu Key].
- For information on the default administrator password, refer to the User's Guide CD/DVD.

Reference

For details, refer to the User's Guide DVD.

4 Advanced Functions

4 Advanced Functions

4.1 Using advanced functions

4.1.1 What are advanced functions?

Various functions for further enhancement of the MFP operability are expressed as advanced functions in this manual.

This machine provides the following advanced functions.

Tips

- To use an advanced function, you need to register **i-Option** or associate with the **My Panel Manager** application.

Name	Description
PDF processing	You can configure the required settings when converting scanned data to a PDF file. • This requires the registration of **i-Option LK-102 v3** or **i-Option LK-110 v2**.
Searchable PDF	You can convert the scanned data to a searchable PDF file. • This requires the registration of **i-Option LK-105 v4** or **i-Option LK-110 v2**.
File Type Extension	Supports functions such as a function that converts a file into a DOCX or XLSX type, a function that generates highly-functional and high quality data, and the E-mail RX Print function. • This requires the registration of **i-Option LK-110 v2**.
ThinPrint	Allows you to use this machine as ThinPrint Client (.print Client) when ThinPrint is enabled. • This requires the registration of **i-Option LK-111**.
TPM	You can use the Trusted Platform Module to enhance security by encrypting confidential information such as certificates and passwords of this machine. • This requires the registration of **i-Option LK-115 v2**.
Universal Printing	Allows you to execute print jobs, which were stored on a device from your computer, from any device in the same universal print group. • This requires the registration of **i-Option LK-114**.
My Panel	You can customize the **Control Panel** display of this machine for each user. • This requires the association with **My Panel Manager**.
My Address	You can use the address book for personal use (My Address Book). • This requires the association with **My Panel Manager**.

In addition, this machine supports advanced functions such as the barcode font, unicode font, and OCR font.

Reference
For details, refer to the User's Guide DVD.

4.1.2 Association with application

To use the My Panel or My Address function, you need to purchase **My Panel Manager** and enable the target function in the application side.

For details on how to enable such a function, refer to the **My Panel Manager** User's Guide.

Tips
- The optional **Extension Memory** is required to use the My Address function.
- The **Hard Disk** is optional in some areas. When installing the **optional Extension Memory**, the **optional Hard Disk** must also be installed in this machine.

4.1.3 Registering the i-Option license

To add an optional function to this machine, you need to purchase **i-Option** and register its license.

Tips
- Check that this machine can be connected to the Internet.
- The optional **Extension Memory** is required to use **i-Option LK-102 v3/LK-105 v4/LK-106/LK-107/LK-108/LK-110 v2/LK-114**.
- **i-Option LK-110 v2** includes the function licenses for **i-Option LK-102 v3** and **i-Option LK-105 v4**. If you purchase **i-Option LK-110 v2**, you do not need to purchase **i-Option LK-102 v3** or **i-Option LK-105 v4**.
- The **Hard Disk** is optional in some areas. When installing the **optional Extension Memory**, the **optional Hard Disk** must also be installed in this machine.

For details on how to purchase or install an optional unit, contact your service representative.

Preparation flow

The following describes a preparation flow to use advanced functions. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Enabling the **i-Option** function (Administrator)

➔ Enable the **i-Option** function on this machine. For details, refer to page 4-5.

➔ If you cannot enable the function above, proceed to steps 2 and 3.

2 Registering the **i-Option** license (Administrator)

➔ Register the license on a dedicated Web site. For details, refer to page 4-6.

3 Enabling the **i-Option** function using the license (Administrator)

➔ Enter the license code to enable the function. For details, refer to page 4-9.

4 Configuring each function (Administrator)

➔ Configure the required settings for each advanced function. For details, refer to page 4-10.

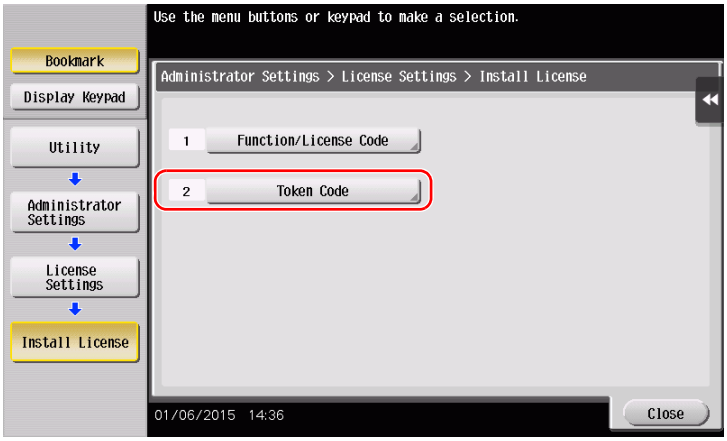
Reference
For details on the procedure, refer to the User's Guide DVD.

Enabling the i-Option function

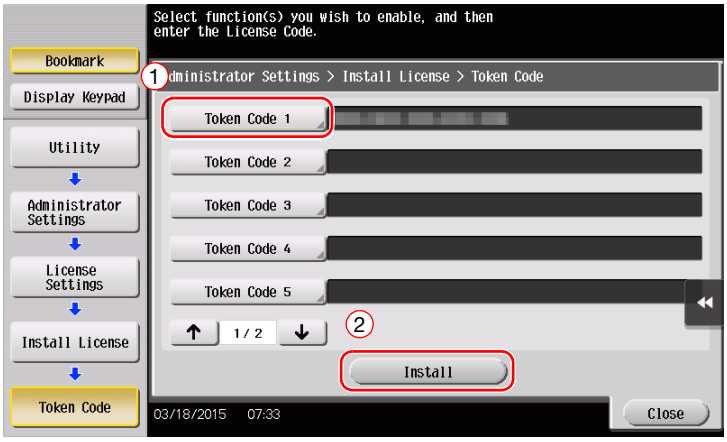
1 Prepare at hand the token certificate supplied with **i-Option**.

2 Tap [Utility], and select [Administrator Settings] - [Forward] - [License Settings] - [Install License] - [Token Code].

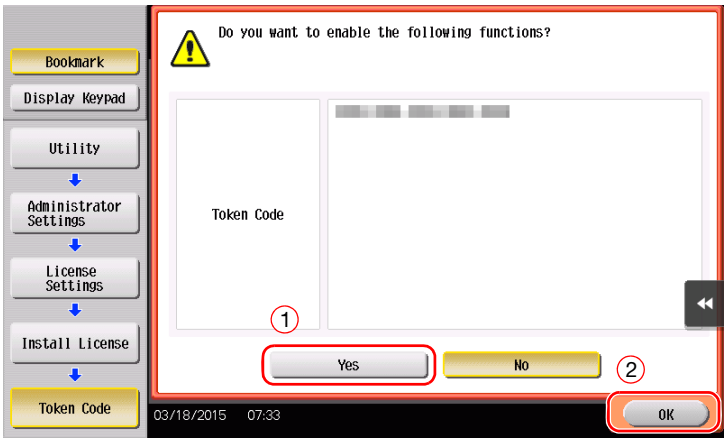
➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



3 Enter the token number shown in the token certificate.



4 Select [Yes], then tap [OK].



This machine is connected to the Internet to communicate with the License Management Server (LMS), and it restarts automatically.

Tips

- When enabling the **i-Option** function via the Internet, connect this machine to the License Management Server (LMS) through the proxy server used for remote diagnosis. For details on configuring the proxy server used for remote diagnosis, refer to the User's Guide DVD.

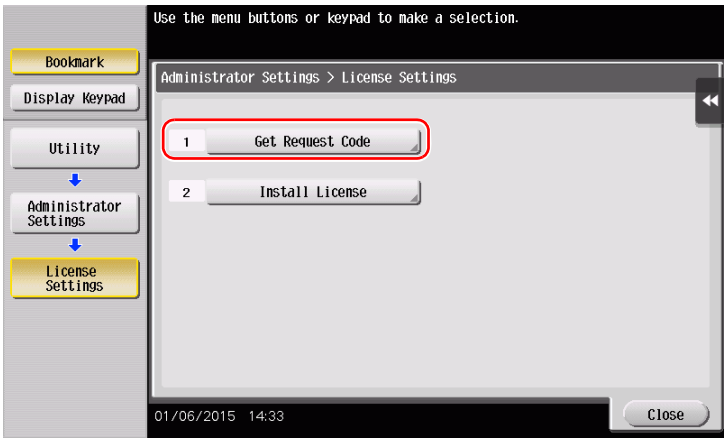
Registering the i-Option license

Register the request code and the contents of the token certificate on the Web site of the License Management Server (LMS).

This procedure is available when this machine cannot be connected to the Internet.

1 Tap [Utility], and select [Administrator Settings] - [Forward] - [License Settings] - [Get Request Code].

➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



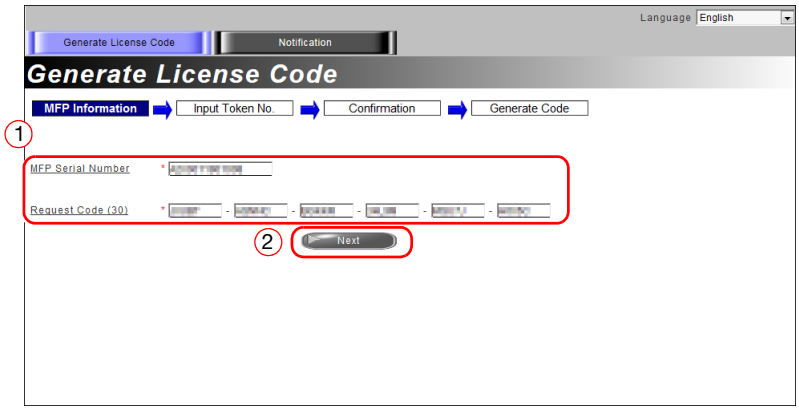
2 Tap [Yes] and [OK].

3 Tapping [Print] prints the serial number and request code.

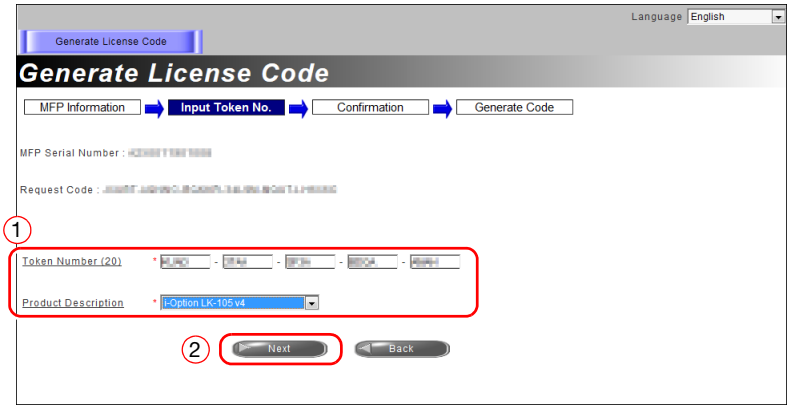
➔ Prepare at hand the printed serial number, request code, and token certificate supplied with **i-Option**.

4 Access the Web site of the License Management Server (LMS). Enter the [MFP Serial Number] and [Request Code], then click [Next].

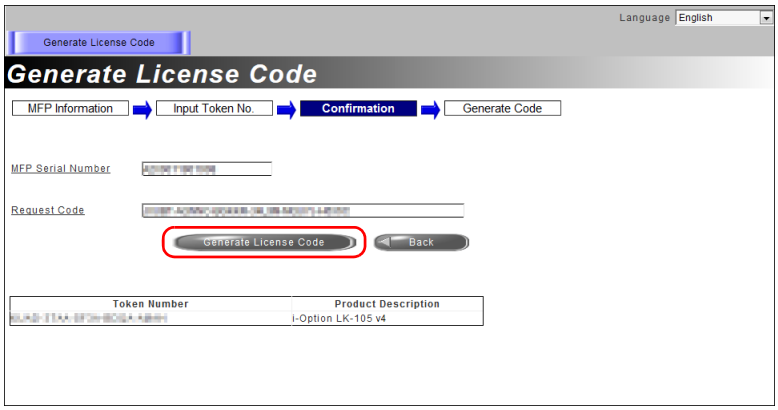
➔ The URL is https://licensemanage.com/index.aspx.



5 Enter the [Token Number], select the option you want to register from the [Product Description] list, then click [Next].



6 Confirm the registration contents, then click [Generate License Code].



7 The license code and function code are issued.

Tips

- The issued license code and function code are required to enable **i-Option**. You should write them down on a memo pad or print them out on paper by clicking [Print].
- You could also store them in your USB memory device. The license code input could be omitted by using a USB memory device to achieve a convenient operation.
- When using a USB memory device, insert the USB memory device and click [Download] to store the license code.

Enabling the i-Option function using the license

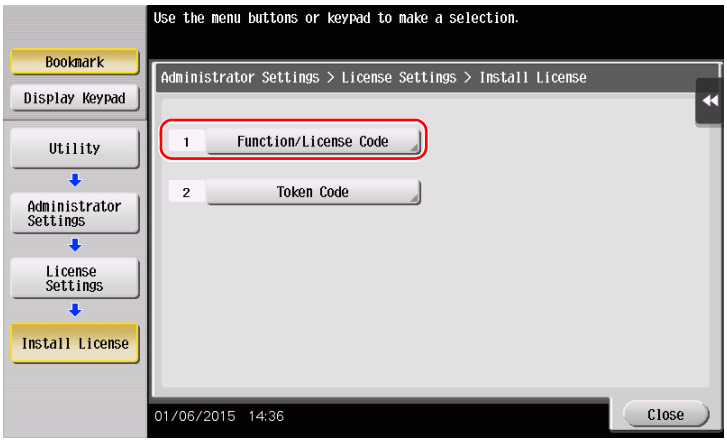
Register the license and function codes in this machine.

This procedure is available when this machine cannot be connected to the Internet.

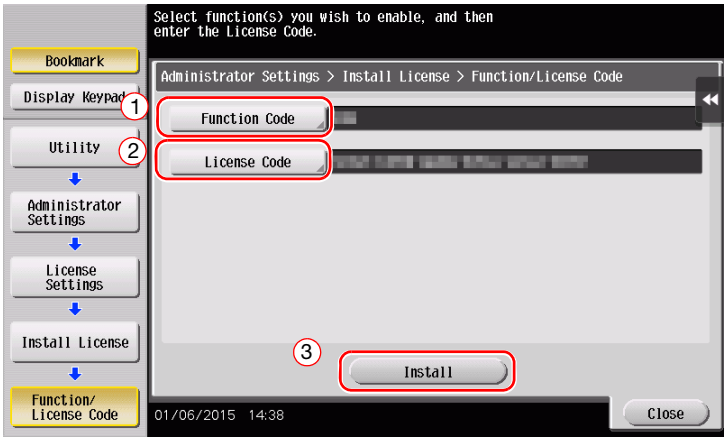
By inputting the codes

1 Tap [Utility], and select [Administrator Settings] - [Forward] - [License Settings] - [Install License] - [Function/Licence Code].

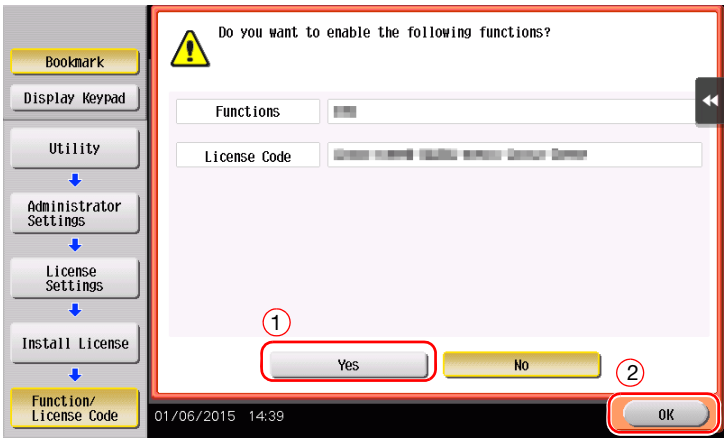
➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



2 Enter the license and function codes you wrote down.



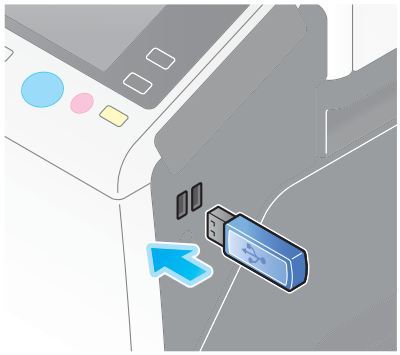
3 Select [Yes], then tap [OK].



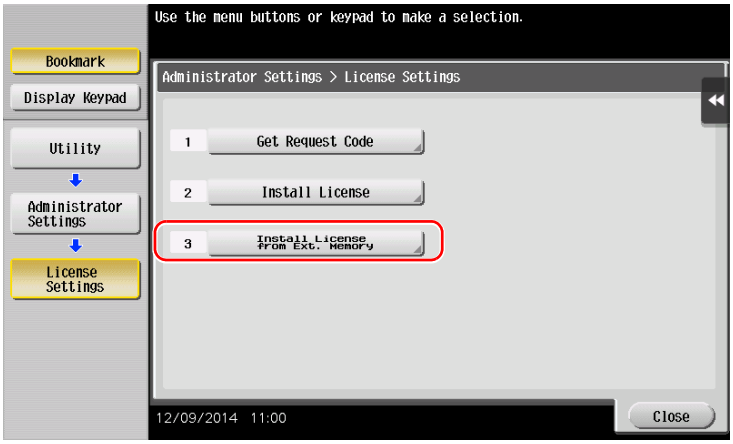
This machine restarts automatically.

By using a USB memory device

1 Connect the USB memory device stored with the license code.



2 Tap [Utility], and select [Administrator Settings] - [Forward] - [License Settings] - [Install License from Ext. Memory].



3 Select [Yes], then tap [OK].

This machine restarts automatically.

Configuring each function

Configure the required settings for each advanced function.

Reference

For details on the required setting items for each advanced function, refer to the User's Guide DVD.

4.2 Using the Web browser function

4.2.1 Required settings and procedures

The Web browser can be used on the **Touch Panel** of this machine.

This section describes how to display and print a Web page on the **Touch Panel** of this machine.

Tips

- Check that this machine can be connected to the Internet.
- To use the Web browser, administrator settings are required in advance.

Preparation flow

The following describes a preparation flow to use the Web browser function. For details, refer to the relevant page.

This preparation is not required the second time or subsequent times.

1 Enabling the Web browser function (Administrator)

➔ Enable the Web browser function on this machine. For details, refer to page 4-12.

➔ If you cannot enable the Web browser above, proceed to steps 2 and 3.

2 Registering the license (Administrator)

➔ Register the license on a dedicated Web site. For details, refer to page 4-13.

3 Enabling the Web browser using the license (Administrator)

➔ Enter the license code to enable the function. For details, refer to page 4-15.

Operation flow

The following describes an operation flow. For details, refer to the relevant page.

1 Starting the Web browser

➔ For details, refer to page 4-19.

2 Displaying Web pages

➔ For details, refer to page 4-19.

3 Printing the currently displayed page or the linked file

➔ For details, refer to page 4-20.

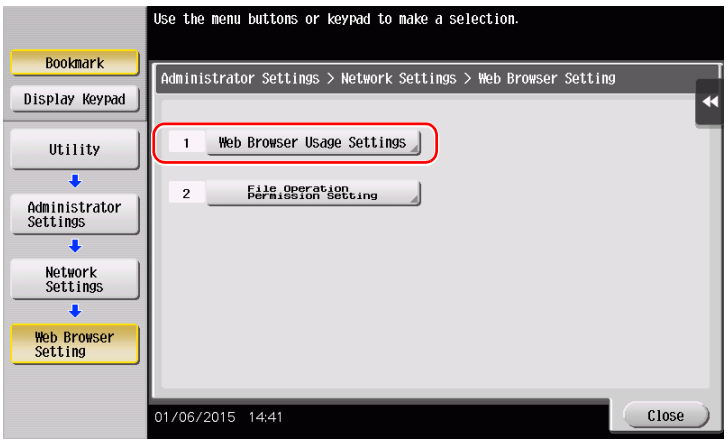
Reference

For details, refer to the User's Guide DVD.

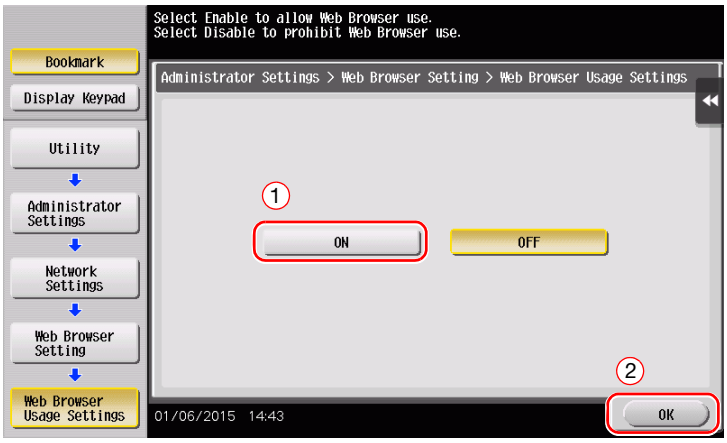
Enabling the Web browser function

1 Tap [Utility], and select [Administrator Settings] - [Network Settings] - [Forward] (twice) - [Web Browser Settings] - [Web Browser Usage Settings].

➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



2 Select [ON], then tap [OK].



This machine is connected to the Internet to communicate with the License Management Server (LMS), and it restarts automatically.

Tips

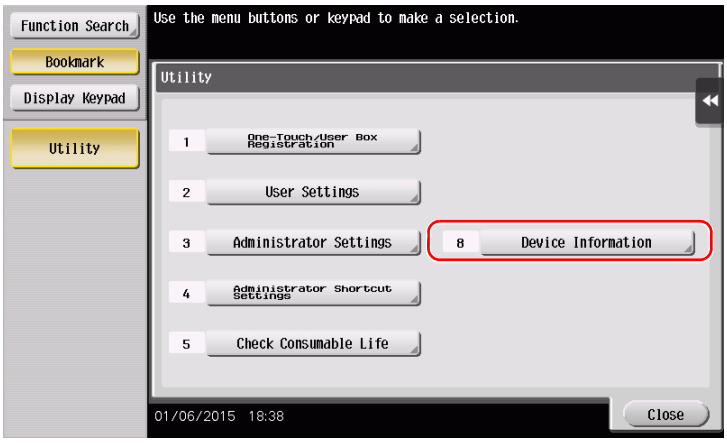
- When enabling the Web browser function via the Internet, connect this machine to the License Management Server (LMS) through the proxy server used for remote diagnosis. For details on configuring the proxy server used for remote diagnosis, refer to the User's Guide DVD.

Registering the license

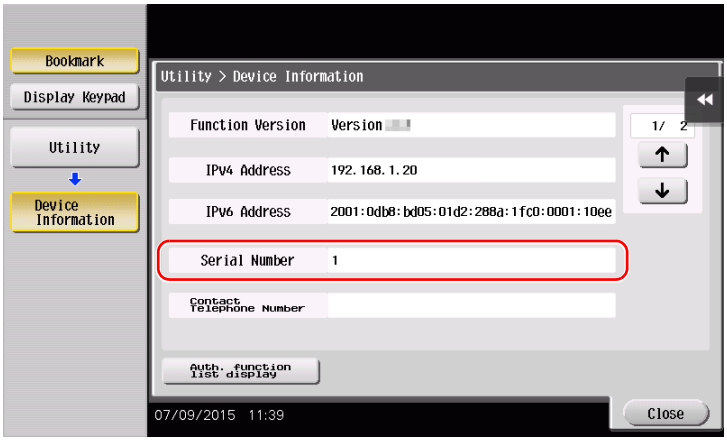
Register the serial number of this machine on the Web site of the License Management Server (LMS).

This procedure is available when this machine cannot be connected to the Internet.

1 Display the serial number of this machine. Tap [Utility], and select [Device Information].

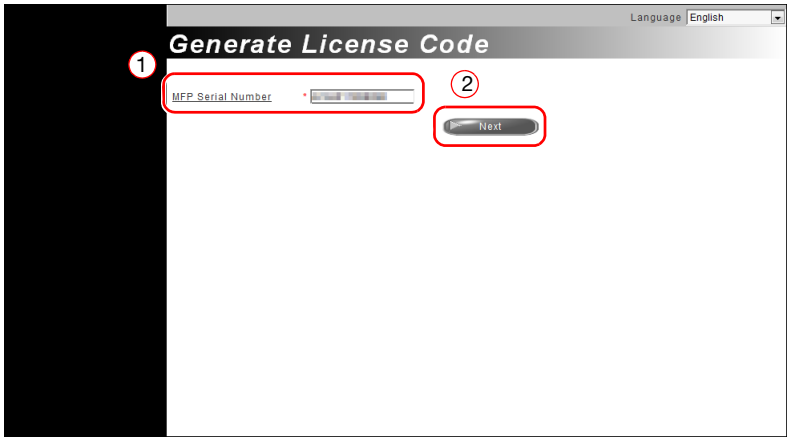


2 Write down the serial number of this machine.

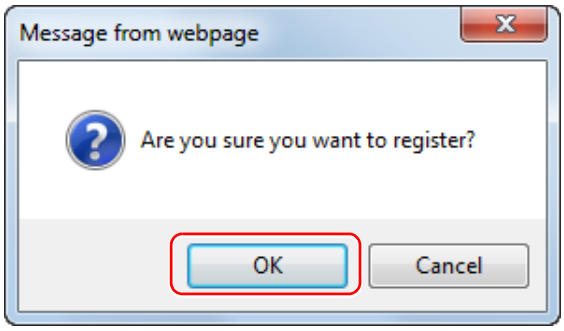


3 Access the Web site of the License Management Server (LMS). Enter the [MFP Serial Number], then click [Next].

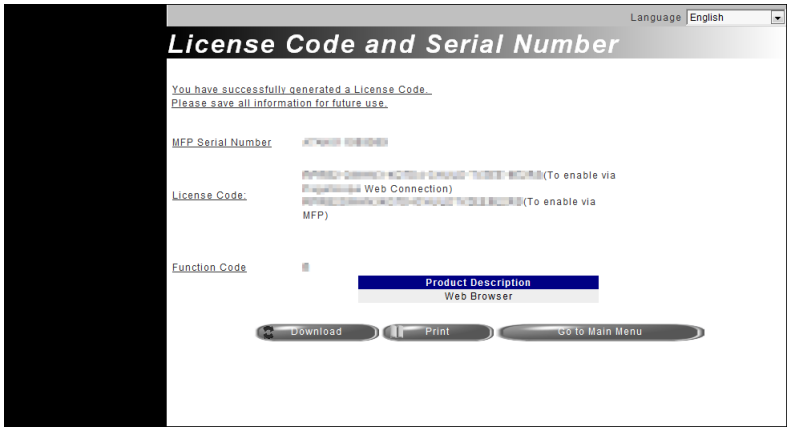
➔ The URL is https://licensemanage.com/activate.



4 Check the message, then click [OK].



5 The license code is issued.



Tips

- The issued license code is required to enable Web browser function. You should write them down on a memo pad or print them out on paper by clicking [Print].
- You could also store them in your USB memory device. The license code input could be omitted by using a USB memory device to achieve a convenient operation.
- When using a USB memory device, insert the USB memory device and click [Download] to store the license code.

Enabling the Web browser using the license

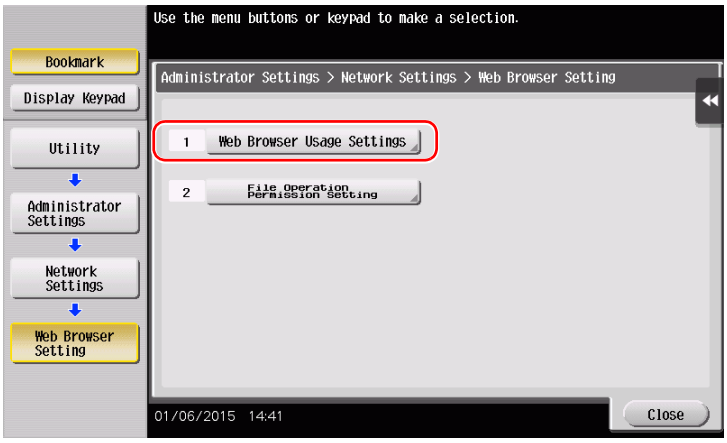
Register the license code in this machine.

This procedure is available when this machine cannot be connected to the Internet.

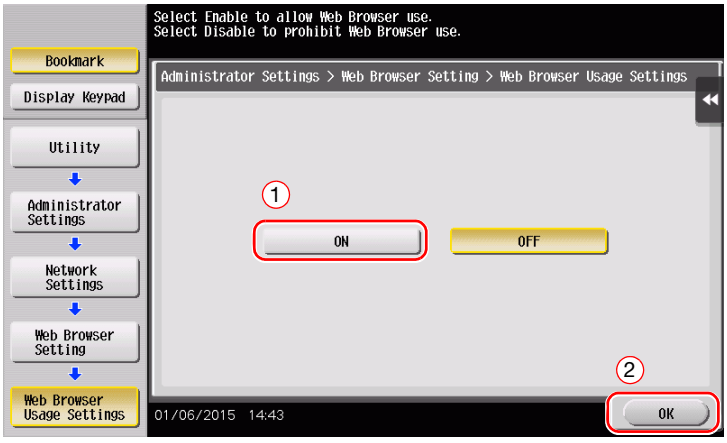
By inputting the codes

1 Tap [Utility], and select [Administrator Settings] - [Network Settings] - [Forward] (twice) - [Web Browser Settings] - [Web Browser Usage Settings].

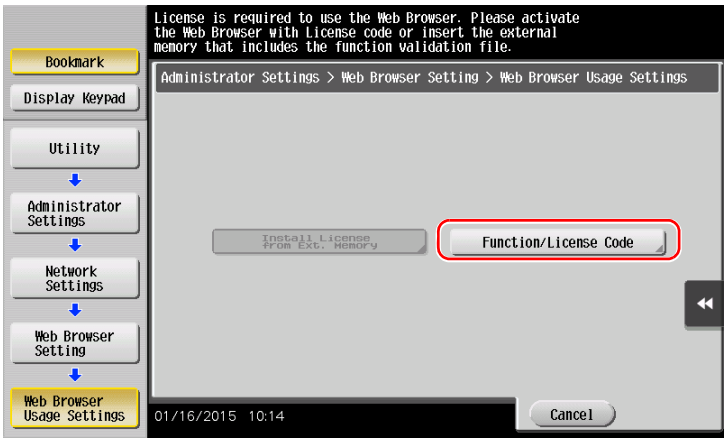
➔ For information on the default administrator password, refer to the User's Guide CD/DVD.



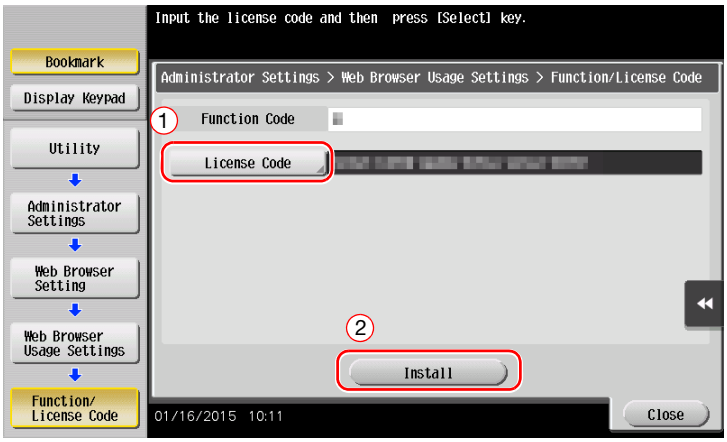
2 Select [ON], then tap [OK].



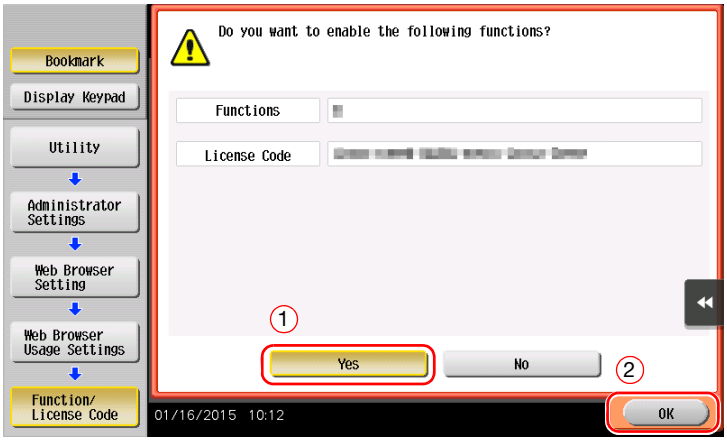
3 When the screen shown below appears, tap [Function/License Code].



4 Enter the license code you wrote down.



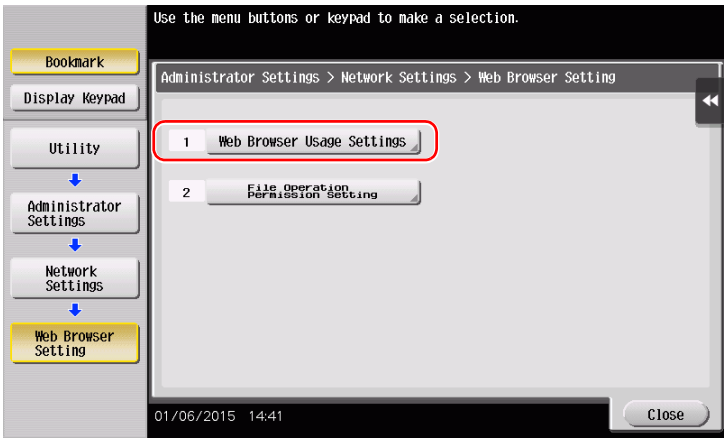
5 Select [Yes], then tap [OK].



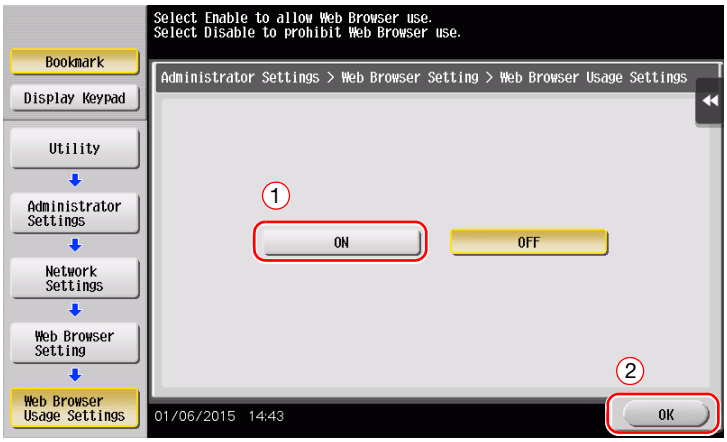
This machine restarts automatically.

By using a USB memory device

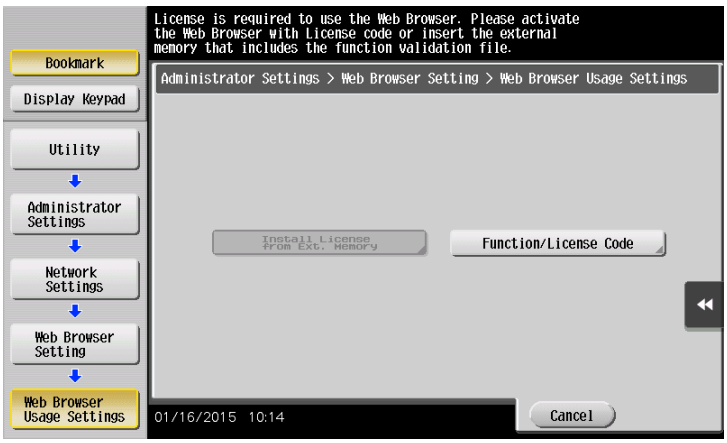
1 Tap [Utility], and select [Administrator Settings] - [Network Settings] - [Forward] (twice) - [Web Browser Settings] - [Web Browser Usage Settings].



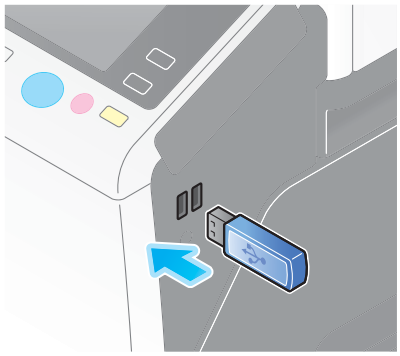
2 Select [ON], then tap [OK].



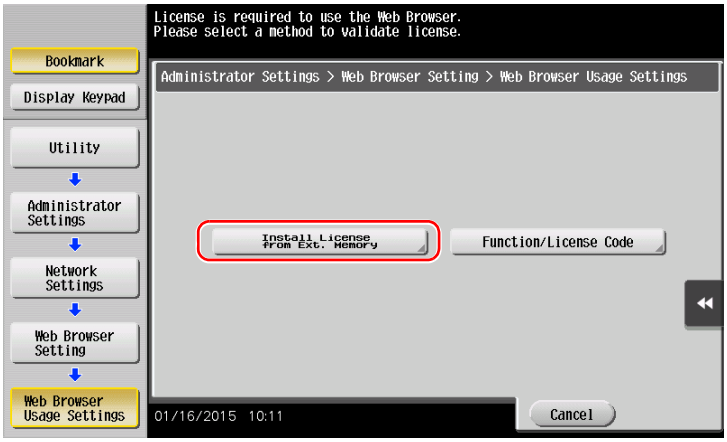
3 Wait a few moments until the screen shown below appears.



4 Connect the USB memory device stored with the license code.



5 Select [Install License from Ext. Memory].

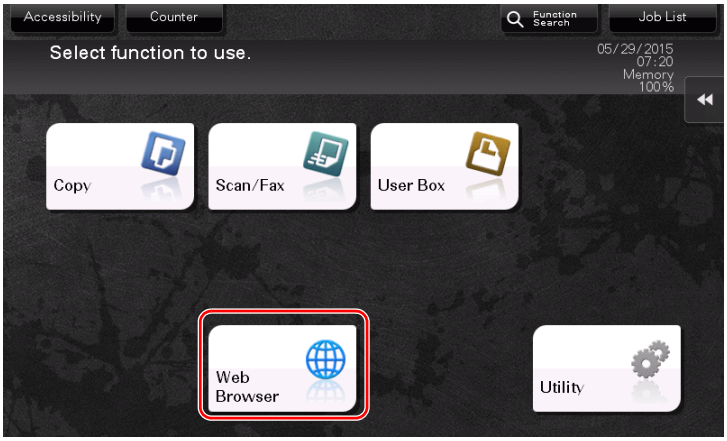


6 Select [Yes] , then tap [OK].

This machine restarts automatically.

Starting the Web browser

➔ Tap [Web Browser].



The Web browser starts.

Tips

- The pre-specified home page appears.

Displaying Web pages

1 Tap the URL display area.

2 Enter the URL of a desired page, then tap [OK].

The target page appears.

Tips

- Selecting [Menu] - [Display] allows you to zoom in and out from a page or change the character code.
- Selecting [Menu] - [Tab] allows you to open a new tab and display a different page.

Printing the currently displayed page or the linked file

For the currently displayed page

1 Tap [Print].

2 Specify the output paper.

➔ To change the setting, tap the desired key on the **Touch Panel**.

Settings	Description
[Color]	Select whether to print in color or black and white mode.
[Simplex/Duplex]	Select whether to print one side or both sides of sheets of paper. To specify 2-sided printing, select the binding position.
[Finishing]	Configure the offset, punch, or staple setting for output paper.

3 Press the **Start** key.

For the linked file

This machine allows you to print a PDF file, XPS file, OOXML file, PPML file, or TIFF file.

1 Select a link to the printed file.

2 Tap [Print].

➔ When linking to a PDF file, you can tap [View] to check its contents before printing the file.

3 Specify the output paper.

➔ To change the setting, tap the desired key on the **Touch Panel**.

Settings	Description
[Color]	Select whether to print in color or black and white mode.
[Simplex/Duplex]	Select whether to print one side or both sides of sheets of paper. To specify 2-sided printing, select the binding position.
[Finishing]	Configure the offset, punch, or staple setting for output paper.

4 Press the **Start** key.

5 Troubleshooting

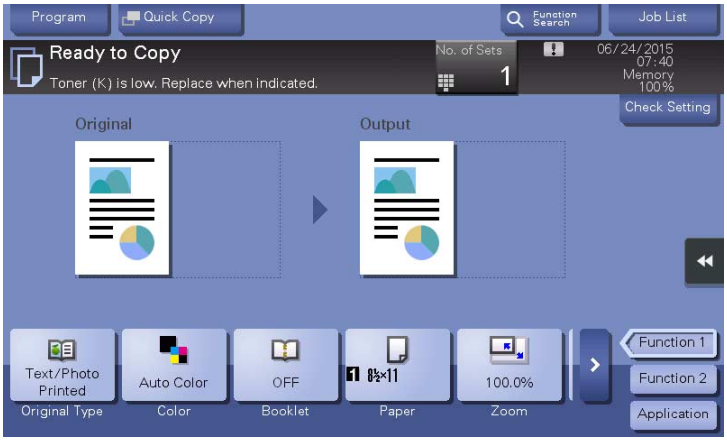
5 Troubleshooting

5.1 Main messages and remedies

5.1.1 When a message appears to replace consumables or carry out cleaning

A message appears indicating the time(s) that expiring consumables used in this machine should be replaced. Also, a message appears when the **Slit Scan Glass** is dirty.

Replace consumables mentioned in the displayed message or clean the **Slit Scan Glass**.



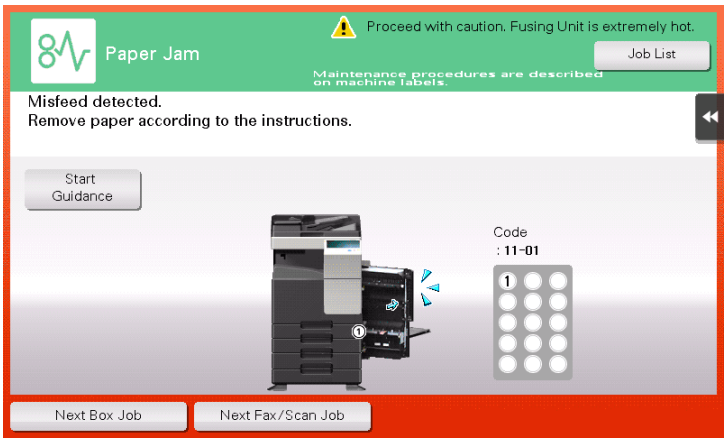
A message recommending that parts be replaced indicates that certain consumables are running out. Although you can still continue to print for a while after the message is displayed, it is advisable to promptly prepare replacement consumables.

- For **Toner Cartridge**: [Toner is low. Replace when indicated.] appears, followed by [Replace Toner Cartridge.]. Replace the Toner Cartridge based on the maintenance contract.
- For **Drum Unit**: When the message [The Drum Unit needs to be replaced.] appears, replace it based on the maintenance contract.
- For **Developing Unit** or **Imaging Unit**: When the message [The Developing Unit needs to be replaced.] or [The Imaging Unit needs to be replaced.] appears, contact your service representative.
- For **Waste Toner Box**: When the message [Waste Toner Box needs to be replaced.] appears, replace it based on the maintenance contract.

Contact your service representative if the messages continue to appear even after replacement or cleaning has been carried out.

5.1.2 When a paper jam message persists

There may be a paper jam occurring in sections other than those indicated on the **Touch Panel**. Check the sections again not shown on the **Touch Panel**.



Check the following items:

- Check for any pieces of paper left in the back of the section indicated on the **Touch Panel**. If the paper cannot be easily removed, do not continue; instead contact your service representative.
- Once again, open and close the door at the section with the location number indicated on the **Touch Panel**. This action may clear the message.

Contact your service representative if the paper jam indication persists even after you have checked.

5.1.3 When an error message appears

When an error is detected, the following message appears. Take the appropriate action according to the message displayed on the screen. If you cannot resolve the error, write down the [Trouble Code], and contact your service representative with the power plug disconnected from the power outlet.

In normal circumstances, the phone number and fax number for your service representative appear in the center of the screen.

NOTICE

If a defective part can be separated in order to be able to continue operations after a problem has been detected, [Continue] or [Recover Data] is displayed. To continue operations, select any key. However, the problem has not been resolved, so contact your service representative immediately.

5.1.4 When [Stabilizing image.] appears

This automatically performs a function to adjust printing quality in order to maintain a certain level of color reproduction quality. This "printing quality adjustment" is referred to as "image stabilization".

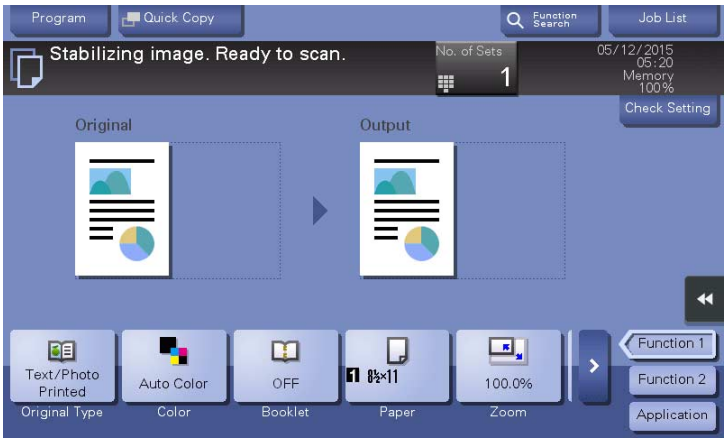


Image stabilization is performed while a large number of copies are being output or the temperature or humidity inside the machine has changed.

Upon completion of image stabilization, printing is automatically resumed. Wait for a moment.

In case image stabilization does not finish after a short while, contact your service representative.

NOTICE

You cannot interrupt or prohibit image stabilization.

Reference

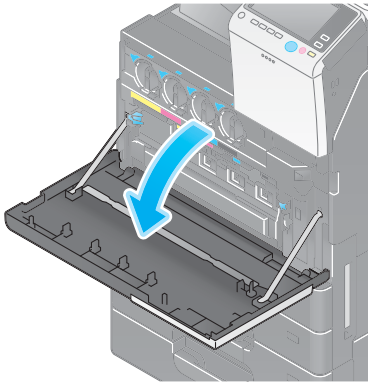
To perform image stabilization on a voluntary basis, refer to the User's Guide DVD.

5.2 When printing quality has deteriorated

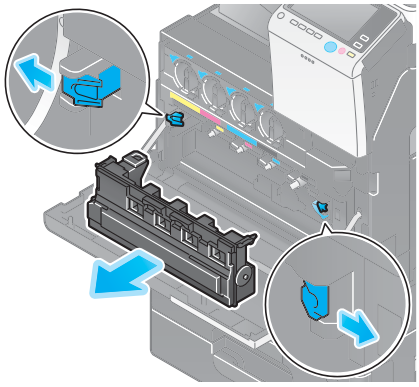
5.2.1 Cleaning the Print Head Glass

Printing quality deteriorates if the **Print Head Glass** is dirty. If this occurs, clean the **Print Head Glass** according to the following procedure.

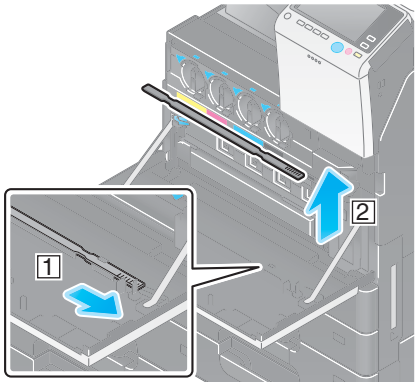
1 Open the **Front Door** of the machine.



2 Release the **Waste Toner Box Lock Lever**, then remove the **Waste Toner Box**.

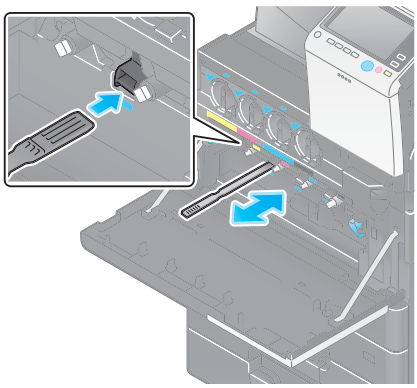


3 Remove the **Printhead Cleaner** from the **Front Door** of this machine.



4 Slowly insert the **Printhead Cleaner** all the way to the back end of the **Print Head Glass** section, and then slowly pull it out.

➔ Repeat this operation approximately three times for all of the **Print Head Glass** sections.



5 Mount the **Printhead Cleaner** onto the **Front Door** of this machine.

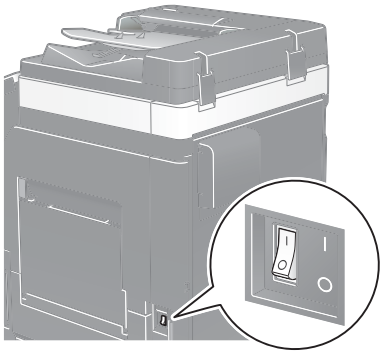
6 Install the **Waste Toner Box**.

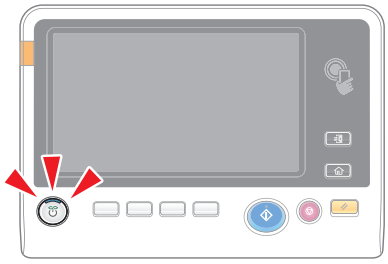
7 Close the **Front Door** of the machine.

5.3 When the machine cannot be powered on

This machine has two power sources. Check the **Main Power Switch** and the **Power** key for the status.

- Check whether the power plug of this machine is firmly plugged into the power outlet. Also check that the breaker has not tripped.
- Check to see that the **Main Power Switch** and the **Power** key are turned ON.





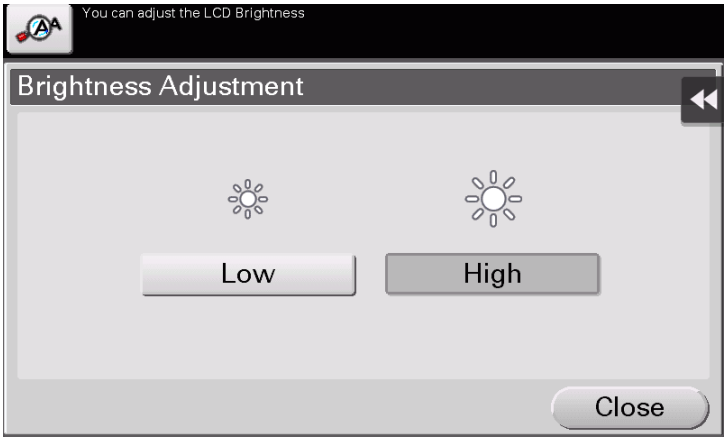
In case the machine cannot be powered on even after checking, contact your service representative.

5.4 When the Touch Panel is not visible

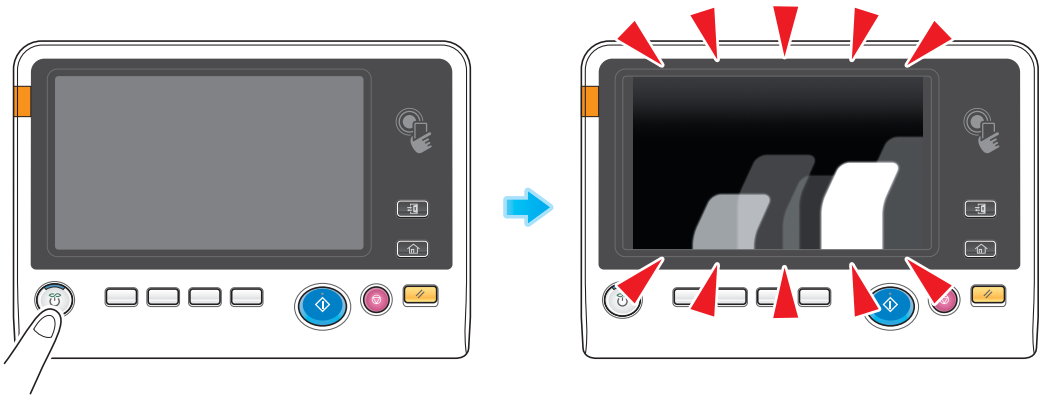
If a certain length of time has elapsed without any operations being carried out on this machine, the **Touch Panel** may turn off.

Check the following items:

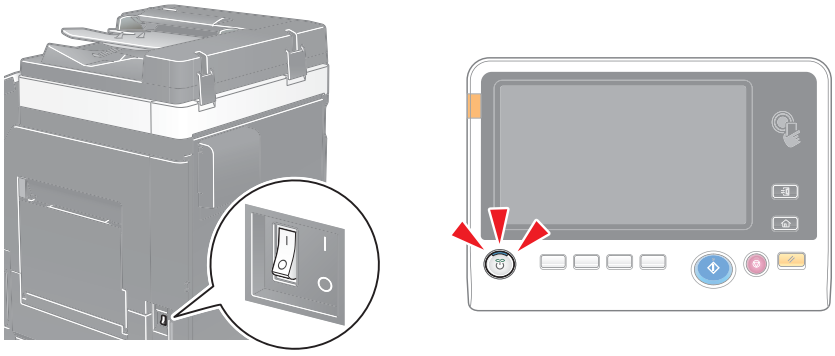
- Tap [Accessibility] and select [Brightness Adjustment], and select [Low] or [High] to adjust the contrast for the **Touch Panel**.



- Touch the **Touch Panel**. In Power Save (Low Power/Sleep) mode, this machine returns from Power Save mode when the **Touch Panel** is touched or a key on the **Control Panel** is pressed, and the **Touch Panel** appears normally.
- On the **Control Panel**, press the **Power** key. If the Weekly Timer setting has put the machine in Erp Auto Power OFF mode, press the **Power** key to display the **Touch Panel**. To use it outside the preset operating hours, follow the on-screen instructions.



- Check to see that the **Main Power Switch** and the **Power** key are turned ON.



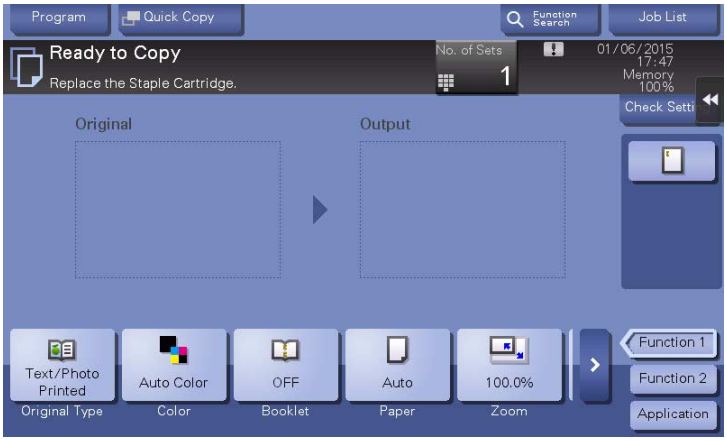
In case the **Touch Panel** does not appear even after checking it, contact your service representative.

5.5 When a message appears to replace consumables or carry out cleaning

When staples in the finisher have run out

When staples in the **Finisher** have run out, a message appears to prompt you to make replenish them.

Take action while referring to the label inside the machine.



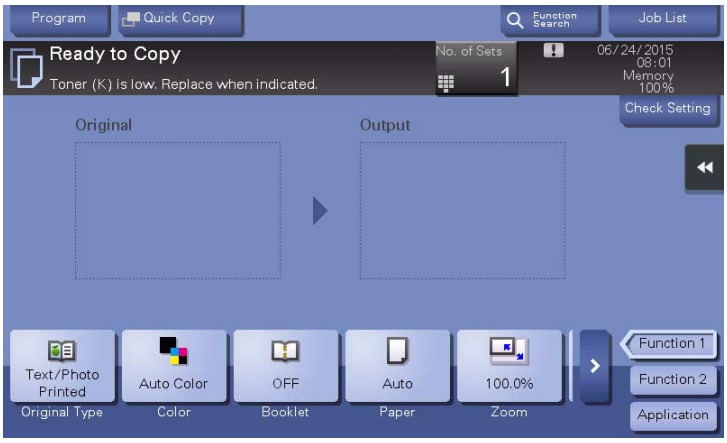
When the punch scrap box is full

When the punch scrap box is full, a message appears to prompt you to dispose of the punch scraps (at replacement by user).

Take action while referring to the label inside the machine.

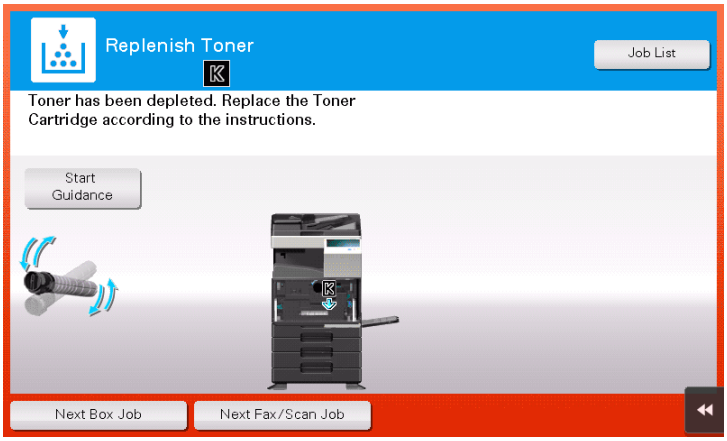
When toner is running out in the Toner Cartridge

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



When it is time to replace a Toner Cartridge

When it is time to replace a **Toner Cartridge**, a replacement prompt message appears. Replace it based on the maintenance contract. Tap [Start Guidance] to display the replacement procedure on the screen and check it.

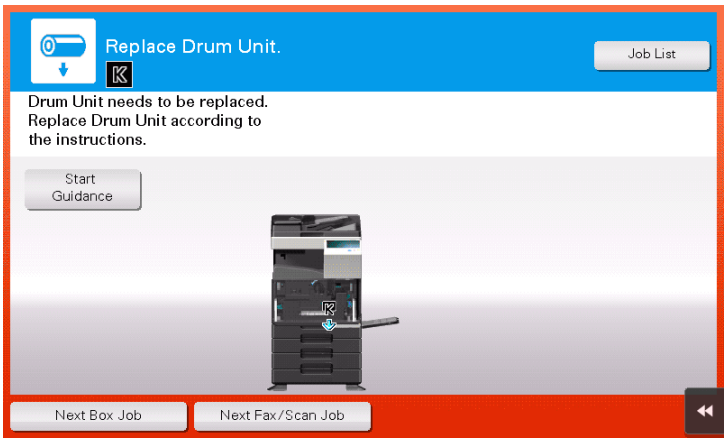


Tips

- Do not replace a **Toner Cartridge** of a color that is not displayed.
- When it is time to replace a **Toner Cartridge** of a color other than black, printing can be forcibly continued using black. Tap [Continue], and then select a desired print job.

When it is time to replace a Drum Unit

When it is time to replace a **Drum Unit**, a replacement prompt message appears. Replace it based on the maintenance contract. Tap [Start Guidance] to display the replacement procedure on the screen and check it.



NOTICE

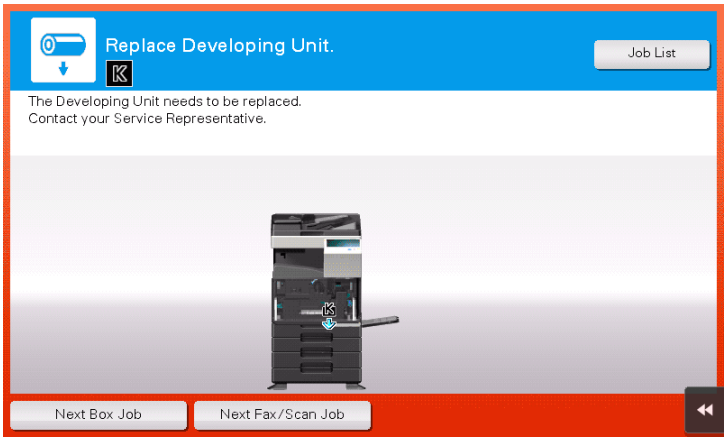
*A **Drum Unit** must not be replaced before the relevant message appears.*

Tips

- By the factory default status, this message is displayed only in some area.
- The settings by the service representative are required to display a message about **Drum Unit**. For details, contact your service representative.

When it is time to replace a Developing Unit

When it is time to replace a **Developing Unit**, a message appears to prompt you to contact your service representative. If the message appears, contact your service representative.

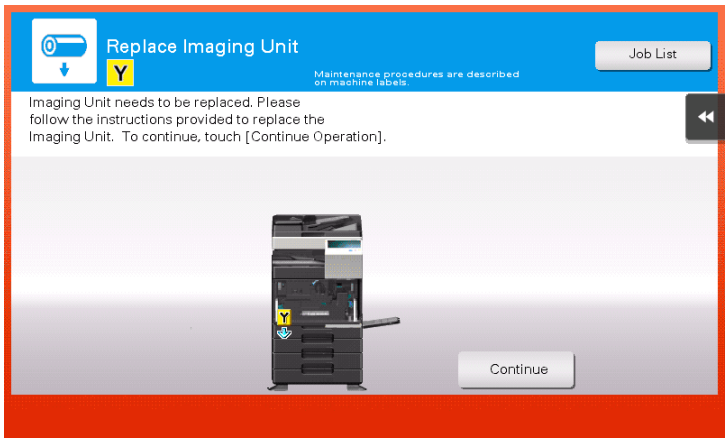


Tips

- By the factory default status, this message is displayed only in some area.
- The settings by the service representative are required to display a message about **Developing Unit**. For details, contact your service representative.

When it is time to replace an Imaging Unit

When it is time to replace an **Imaging Unit**, a message appears to prompt you to contact your service representative. If the message appears, contact your service representative.

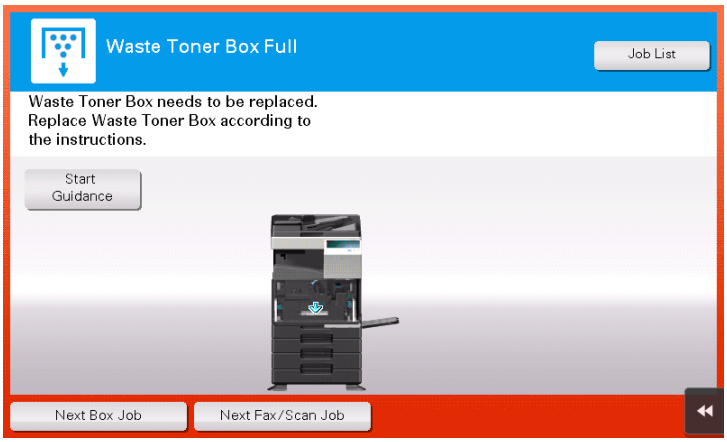


Tips

- By the factory default status, this message is displayed only in some area.
- The settings by the service representative are required to display a message about **Imaging Unit**. For details, contact your service representative.
- When it is time to replace an **Imaging Unit**, printing can be forcibly continued using black. Tap [Continue], and then select a desired print job.

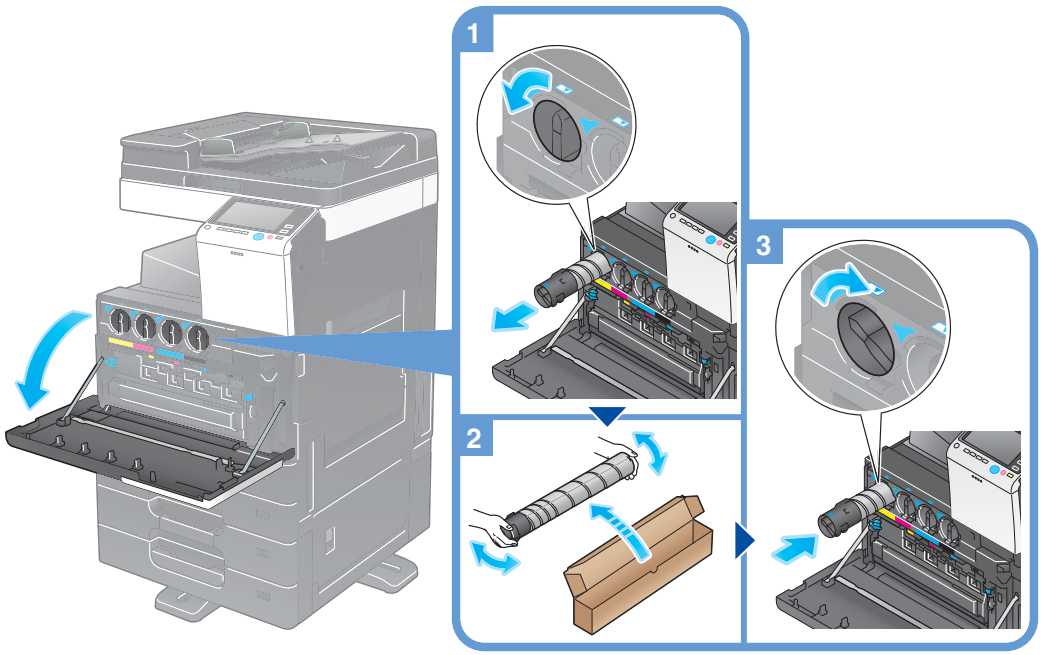
When a Waste Toner Box is full

When the **Waste Toner Box** is full, a message appears to prompt you to replace it (at replacement by user). Tap [Start Guidance], then follow the displayed guidance to take an action.



5.5.1 Replacing a Toner Cartridge

The following example shows how to replace a **Yellow Toner Cartridge**.



Tips

- Shake a new **Toner Cartridge** well, approximately 5 to 10 times, before installing it.
- If a Toner Cartridge other than for black is empty, printing can be continued forcibly using black. Tap [Continue], and then select a desired print job.
- Do not forcedly open or disassemble a **Toner Cartridge** (toner container).
- Do not forcedly remove or dispose of toner that remains in a **Toner Cartridge** (toner container).

NOTICE

*Install a **Toner Cartridge** for each label color. If you try to forcibly install a Toner Cartridge in the incorrect position, it may result in a failure.*

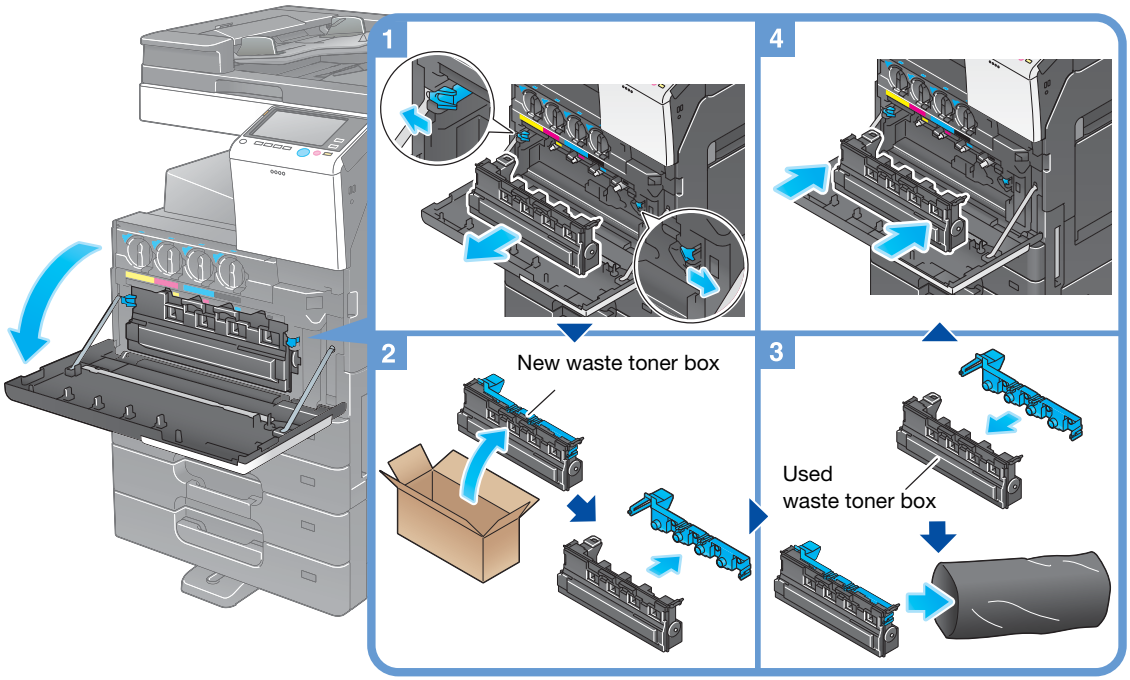
⚠WARNING

- Do not throw toner or a container that contains toner (e.g., toner cartridge and developing unit) into an open flame. The hot toner may scatter and cause burns or other damage.

⚠CAUTION

- Do not leave toner-related parts (e.g., toner cartridge and developing unit) within easy reach of children. Licking any of these parts or ingesting toner could damage your health.
- Do not store toner-related parts (e.g., toner cartridge and developing unit) near devices susceptible to magnetism, such as precision equipment and data storage devices, otherwise they may malfunction. They could cause these products to malfunction.
- Do not force open the toner-related parts (e.g., toner cartridge and developing unit). If toner tumbles from the toner bottle, take utmost care to avoid inhaling it or even getting skin contact.
- If toner lands on your skin or clothing, wash thoroughly with soap and water.
- If you inhale toner, move to a place with fresh air and gargle with a lot of water repeatedly. Should you get symptoms such as coughing, seek medical advice.
- If you get toner into your eyes, immediately rinse them with running water for over 15 minutes. Seek medical advice if irritation persists.
- If you swallow toner, rinse out your mouth and drink a few glasses of water. Seek medical advice if necessary.

5.5.2 Replacing a Waste Toner Box



Tips

- Your service representative will collect your used **Waste Toner Box**. Place a cap on it, put it in a plastic bag, and store it in a box.

⚠WARNING

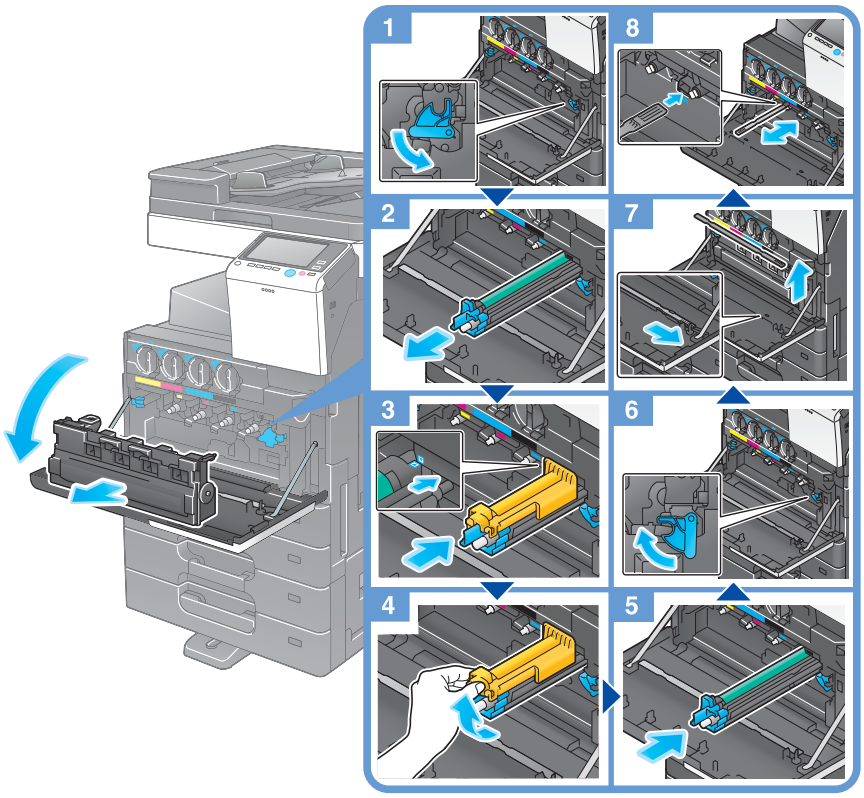
- Do not throw toner or a container that contains toner (e.g., toner cartridge and developing unit) into an open flame. The hot toner may scatter and cause burns or other damage.

⚠CAUTION

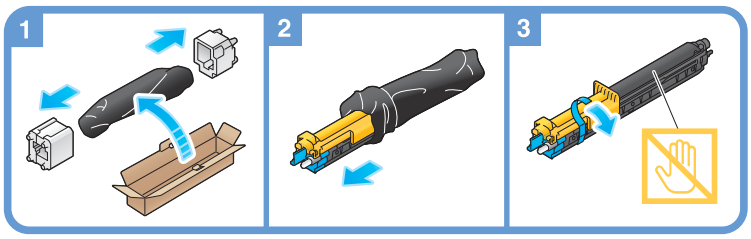
- Do not leave toner-related parts (e.g., toner cartridge and developing unit) within easy reach of children. Licking any of these parts or ingesting toner could damage your health.
- Do not store toner-related parts (e.g., toner cartridge and developing unit) near devices susceptible to magnetism, such as precision equipment and data storage devices, otherwise they may malfunction. They could cause these products to malfunction.
- Do not force open the toner-related parts (e.g., toner cartridge and developing unit). If toner tumbles from the toner bottle, take utmost care to avoid inhaling it or even getting skin contact.
- If toner lands on your skin or clothing, wash thoroughly with soap and water.
- If you inhale toner, move to a place with fresh air and gargle with a lot of water repeatedly. Should you get symptoms such as coughing, seek medical advice.
- If you get toner into your eyes, immediately rinse them with running water for over 15 minutes. Seek medical advice if irritation persists.
- If you swallow toner, rinse out your mouth and drink a few glasses of water. Seek medical advice if necessary.

5.5.3 Replacing a Drum Unit

The **Drum Unit** only for black is targeted for replacement.



Unpacking the drum unit



Tips

- Your service representative will collect your used **Drum Unit**. Put it in a black plastic bag and store it in a box by itself.
- A **Drum Unit** may be damaged due to exposure to light. Do not take a Drum Unit out of a black plastic bag until just before it is to installed.
- After replacing a **Drum Unit**, be sure to clean the **Print Head Glass** for each color. For details on how to clean the **Print Head Glass**, refer to page 5-6.

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