

# Operation Guide

MA2001w  
MA2001

MA2000w  
MA2000



- Printer Driver & Utility Install
- Manual Download

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Thank you for purchasing this machine.

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

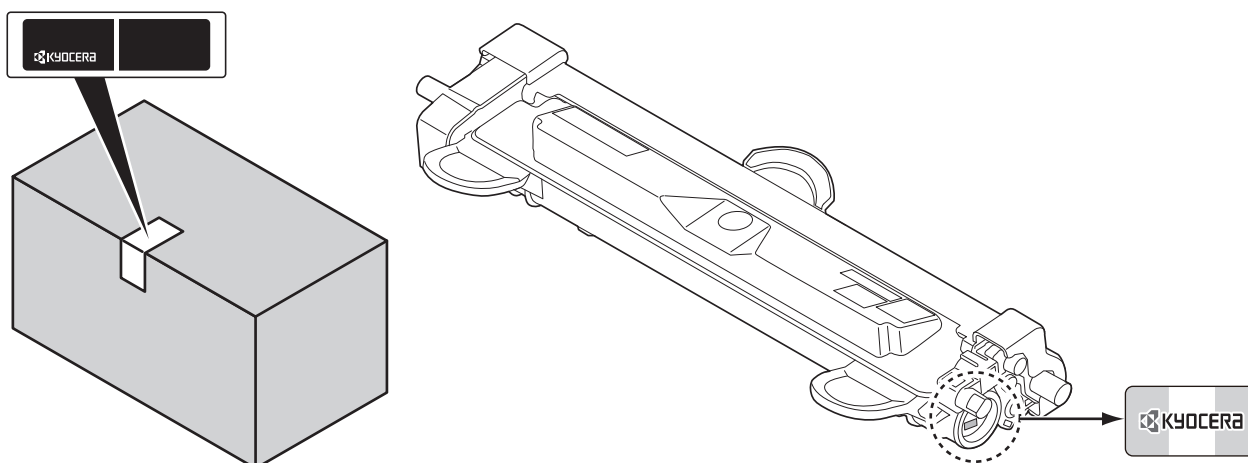
Please read this Operation Guide before using the machine.

**We recommend the use of our genuine toner cartridges, which have passed rigorous quality control testing, to maintain quality.**

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

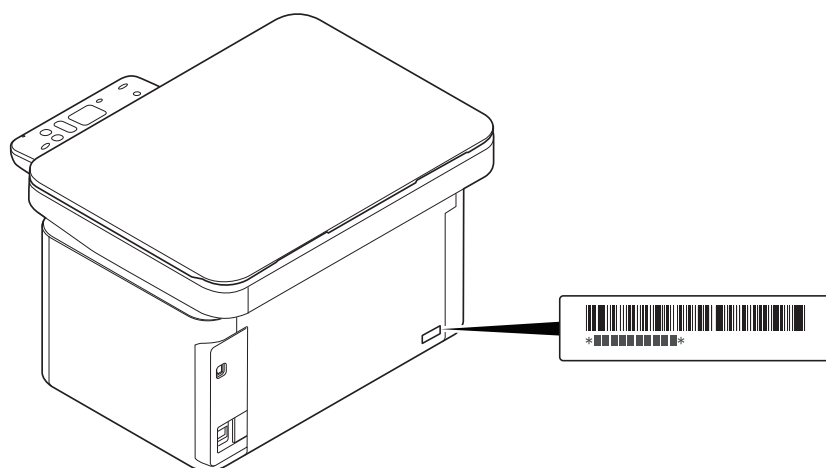
We will not be liable for any damages caused by the use of third party supplies in this machine.

A label is affixed to our genuine supplies, as shown below.



## Checking the Equipment's Serial Number

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



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

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# 1 Legal and Safety Information

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## Safety Conventions in This Guide

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



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



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

## Symbols

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



[General warning]



[Warning of high temperature]

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



[Warning of prohibited action]



[Disassembly prohibited]

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



[Alert of required action]



[Remove the power plug from the outlet]



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

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

---

## Environment

The service environmental conditions are as follows:

<b>Temperature</b>	10 to 32.5 °C
<b>Humidity</b>	10 to 80%

Avoid the following locations when selecting a site for the machine.

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

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

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

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## Precautions for Use

### Cautions when handling consumables

#### CAUTION

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

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

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

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

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

### Other precautions

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

Store the machine while avoiding exposure to direct sunlight.

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

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

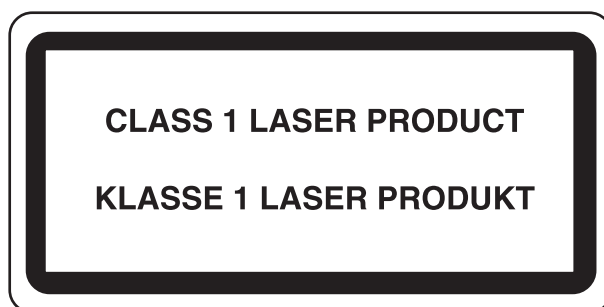
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## Laser Safety (Europe)

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

This machine is classified as Class 1 laser product under IEC/EN 60825-1:2014.

Regarding CLASS 1 laser products, information is provided on the rating label.





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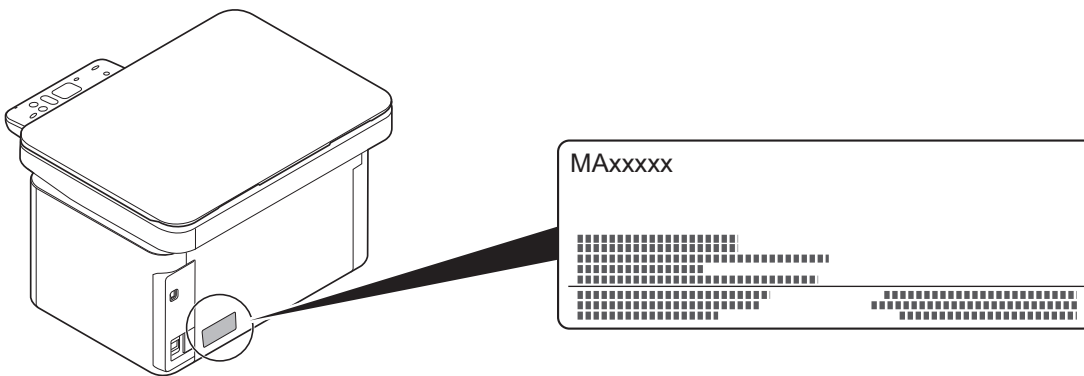
## SAFETY OF LASER BEAM (USA)

### 1. Safety of laser beam

This machine has been certified by the manufacturer to Class 1 level under the radiation performance standards established by the U.S.DHHS (Department of Health and Human Services) in 1968. This indicates that the product is safe to use during normal operation and maintenance. The laser optical system, enclosed in a protective housing and sealed within the external covers, never permits the laser beam to escape.

### 2. The CDRH Act

A laser-product-related act was implemented on Aug. 2, 1976, by the Center for Devices and Radiological Health (CDRH) of the U.S. Food and Drug Administration (FDA). This act prohibits the sale of laser products in the U.S. without certification, and applies to laser products manufactured after Aug. 1, 1976. The label shown below indicates compliance with the CDRH regulations and must be attached to laser products marketed in the United States. On this machine, the label is on the rear.



### 3. Maintenance

For safety of the service personnel, follow the maintenance instructions in the other section of this manual.

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## Safety Instructions Regarding the Disconnection of Power

**Caution:** The power plug is the main isolation device! Other switches on the equipment are only functional switches and are not suitable for isolating the equipment from the power source.

**Attention:** Le débranchement de la fiche secteur est le seul moyen de mettre l'appareil hors tension. Les interrupteurs sur l'appareil ne sont que des interrupteurs de fonctionnement: ils ne mettent pas l'appareil hors tension.

## Compliance and Conformity

Hereby, KYOCERA Document Solutions Inc. declares that the radio equipment type MA2001w/MA2000w is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:

<https://www.kyoceradocumentsolutions.eu/index/service/dlc.html>

Software Ver.	Frequency band in which the radio equipment operates:	Maximum radio-frequency power transmitted in the frequency band in which the radio equipment operates:
2014.12	2.4GHz	100mW

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- The use of a non-shielded interface cable with the referenced device is prohibited.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### IMPORTANT NOTE:

#### Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

#### Industry Canada statement:

This device contains licence-exempt transmitter(s) / receiver(s) that complies with Innovation, Science and Economic Development Canada's licence-exempt RSS (s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

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(2) This device must accept any interference, including interference that may cause undesired operation of the device.

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter.

Industry Canada ICES-003 Compliance Label: CAN ICES-3B/NMB-3B

\* The above statements are valid only in the United States of America and Canada.

NOTE — Use shielded interface cables.

### **Radiation Exposure Statement:**

This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

\* These above statements are valid in the United States of America, Canada and EU.

### **For Singapore (MA2000w only)**

Complies with IMDA Standards DB01846
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### **Other precautions (for users in California, the United States)**

Perchlorate Material - special handling may apply. See [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate).

### **Legal Restriction on Copying/Scanning**

It may be prohibited to copy/scan copyrighted material without permission of the copyright owner.

Copying/Scanning the following items is prohibited and may be penalized by law. It may not be limited to these items. Do not knowingly copy/scan the items that are not to be copied/scanned.

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

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

### **EN ISO 7779**

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

### **EK1-ITB 2000**

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.

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## Wireless Connection (Mexico only)

The operation of this equipment is subject to the following two conditions:

(1) it is possible that this equipment or device may not cause harmful interference, and (2) this equipment or device must accept any interference, including interference that may cause undesired operation.

La operación de este equipo está sujeta a las siguientes dos condiciones:

(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## Security Precautions when Using Wireless LAN (if equipped)

Wireless LAN allows information to be exchanged between wireless access points instead of using a network cable, which offers the advantage that a LAN connection can be established freely within an area in which radio waves can be transmitted.

On the other hand, the following problems may occur if security settings are not configured, because radio waves can pass through obstacles (including walls) and reach everywhere within a certain area.

### Secretly Viewing Communication Contents

A third person with malicious objectives may intentionally monitor radio waves and gain unauthorized access to the following communication contents.

- Personal information including ID, passwords, and credit card numbers
- Contents of email messages

### Illegal Intrusion

A third party with malicious intent may gain unauthorized access to personal or company networks and conduct the following illegal actions.

- Extracting personal and confidential information (information leak)
- Entering into communication while impersonating a specific person and distributing unauthorized information (spoofing)
- Modifying and retransmitting intercepted communications (falsification)
- Transmitting computer viruses and destroying data and systems (destruction)

Wireless LAN cards and wireless access points contain built-in security mechanisms to address these problems and to reduce the possibility of these problems occurring by configuring the security settings of wireless LAN products when the product is used.

We recommend that customers take responsibility and use their judgment when configuring the security settings and that they ensure that they fully understand the problems that can occur when the product is used without configuring the security settings.

## Limited Use of This Product (If equipped)

- Radio waves transmitted from this product may affect medical equipment. When using this product in a medical institution or in the vicinity of medical instruments, either use this product according to the instructions and precautions provided by the administrator of the institution or those provided on the medical instruments.
- Radio waves transmitted from this product may affect automatic control equipment including automatic doors and fire alarms. When using this product in the vicinity of the automatic control equipment, use this product according to the instructions and precautions provided on the automatic control equipment.
- If this product is used in devices that are directly related to service including airplanes, trains, ships, and automobiles or this product is used in applications requiring high reliability and safety to function and in devices requiring accuracy including those used in disaster prevention and crime prevention and those used for various safety purposes, please use this product after considering the safety design of the entire system including adoption of a failsafe design and redundancy design for reliability and safety maintenance of the entire system. This product is not intended for use in applications requiring high reliability and safety including aerospace instruments, trunk communication equipment, nuclear power control equipment, and medical equipment; hence, the decision as to whether to use this product in these applications needs to be fully considered and determined.

## Sólo México (Mexico only)

Este equipo utiliza el módulo de interfaz de red inalámbrica modelo LBWA1ZZ1CA para conectarse a las redes Inalámbricas.

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- All European language fonts installed in this machine are used under licensing agreement with Monotype Imaging Inc.
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- This machine contains the software having modules developed by Independent JPEG Group.

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#### **Open Source Software License**

For the "Open Source Software license, go into the following URL and select Country > Product Name > OS > Language and then, refer to the "OSS\_Notice" from the manual tab in the "Download".

<https://kyocera.info/>

## Energy Saving Control Function

The device comes equipped with a **Sleep** where printer functions remain in a waiting state but power consumption is reduced to a minimum after a certain amount of time elapses since the device was last used.

### Sleep

The device automatically enters Sleep when 1 minute has passed since the device was last used. The amount of time of no activity that must pass before Sleep is activated may be lengthened. For details, refer to *Device Defaults Tab* on page 3-53.

## Resource Saving - Paper

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

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

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

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

## Environmental benefits of "Power Management"

To reduce power consumption when idle, this machine is equipped with a power management function that automatically activates energy-saving mode when the machine is idle for a certain period of time.

Although it takes the machine a slight amount of time to return to READY mode when in energy-saving mode, a significant reduction in energy consumption is possible. It is recommended that the machine be used with the activation time for energy-saving mode set to the default setting.



## Warranty (the United States and Canada)

### MA2000w / MA2000 MULTIFUNCTIONAL PRODUCT LIMITED WARRANTY

KYOCERA Document Solutions America, Inc. and KYOCERA Document Solutions Canada, Ltd. (both referred to as "KYOCERA") warrant the Customer's new Multifunctional Product (referred to as "MFP"), and the new accessories installed with the initial installation of the MFP, against any defects in material and workmanship for a period of one year, or 50,000 copies/prints from date of installation, whichever first occurs. In the event the MFP or an accessory is found to be defective within the warranty period, KYOCERA's only obligation and the Customer's exclusive remedy shall be replacement of any defective parts or replacement of MFP at the discretion of KYOCERA.

This warranty is valid only for the original retail purchaser (referred to as the "Customer") of a new KYOCERA MFP in the United States of America or Canada, based upon the country of purchase.

In order to obtain performance of this warranty, the Customer must contact KYOCERA's Diagnostic Center for assistance at 1-800-255-6482 or email at [support@da.kyocera.com](mailto:support@da.kyocera.com). KYOCERA's Diagnostic Center will be able to identify the service issue to coordinate an Authorized KYOCERA Service Provider to repair or replace the MFP. Customer will need to provide proof of purchase of MFP and register the MFP to be covered by this warranty.

This warranty does not cover MFPs or accessories which: (a) have become damaged due to operator negligence, misuse, accidents, improper storage or unusual physical or electrical stress, (b) have used parts or supplies which are not genuine KYOCERA brand parts or supplies, or (c) have had the serial number modified, altered, or removed.

This warranty gives the Customer specific legal rights. The Customer may also have other rights, which vary from state to state, or province to province. Neither the seller, nor any other person, is authorized to extend the time period or expand this warranty on behalf of KYOCERA.

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225 Sand Road, P.O. Box 40008  
Fairfield, New Jersey 07004-0008, USA

**KYOCERA Document Solutions Canada, Ltd.**

6120 Kestrel Rd., Mississauga, ON L5T 1S8,  
Canada

## Guides Provided with the Machine

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

<b>Quick Installation Guide</b>	Describes the procedures for installation of the machine.
<b>Safety Guide</b>	Provides safety and cautionary information for the installation and use of the machine. Be sure to read this guide before using the machine.
<b>Safety Guide (MA2001w/MA2000w/MA2001/MA2000/PA2001w/PA2000w/PA2001/PA2000)</b>	Describes the machine installation space, cautionary space, and other information. Be sure to read this guide before using the machine.

### Product Library disc

<b>Operation Guide (This Guide)</b>	Describes how to load paper, basic copy, print and scan operations, and troubleshooting.
<b>KYOCERA Client Tool User Guide</b>	Describes how to use KYOCERA Client Tool. KYOCERA Client Tool is a software program that is installed on your computer to enable you to configure machine settings.
<b>Printer Driver User Guide</b>	Describes how to install the printer driver and use printer functionality.
<b>KYOCERA Net Viewer User Guide</b>	Describes how to monitor the network printing system with KYOCERA Net Viewer.

## About the Operation Guide

This Operation Guide contains the following chapters:

### 1 Legal and Safety Information

This chapter explains precautions regarding use of the machine and trademark information.

### 2 Machine Parts

This chapter lists the names of different machine parts.

### 3 Preparation

This chapter explains how to start up the machine, load paper and originals, and use the application software included in the *Product Library* disc.

### 4 Copying

This chapter explains the functions you can use when copying.

### 5 Printing

This chapter explains the printing procedure from an application software.

### 6 Scanning

This chapter explains the functions you can use when scanning originals.

### 7 Useful Functions

This chapter explains the functions useful for work-from-home.

### 8 Maintenance

This chapter explains how to replace the toner cartridge and how to care for your machine.

### 9 Troubleshooting


This chapter explains how to handle machine problems that may occur, such as paper jams.

### 10 Appendix

This chapter lists the machine specifications.

## Conventions in This Guide

This manual uses the following conventions.

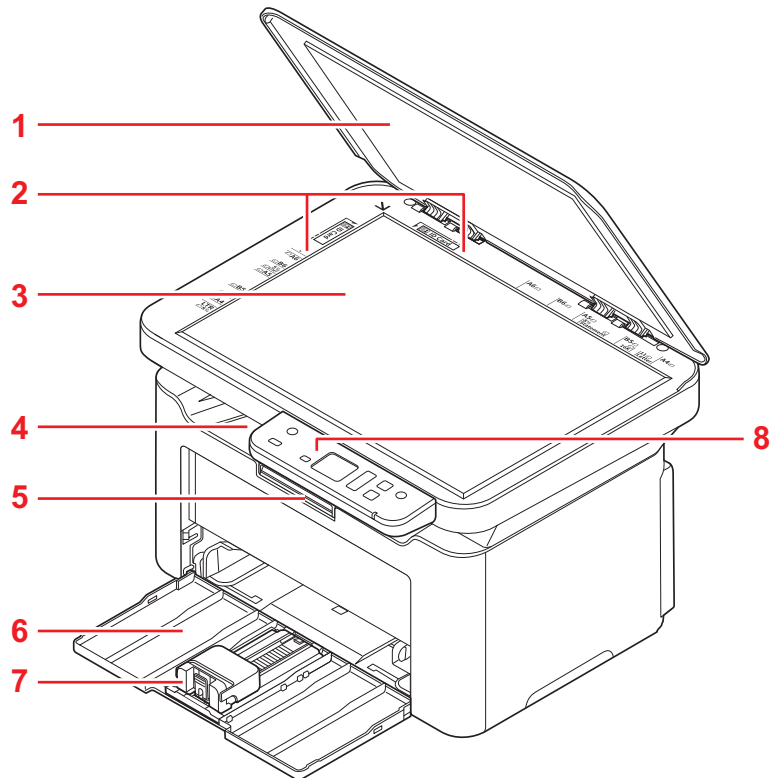
Convention	Description	Example
<b>Italic Typeface</b>	Used to emphasize a key word, phrase or reference to additional information.	Refer to <i>Connections</i> on page 3-1.
<b>Bold</b>	Used to denote buttons on the software.	To start printing, click <b>OK</b> .
<b>Bracket Bold</b>	Used to denote operation panel keys.	Press <b>[Main Power]</b> (⏻) to start copying.
<b>Courier</b>	Indicates characters entered in the display on the operation panel.	<b>1- appears in the display on the operation panel.</b>
<b>Note</b>	Used to provide additional or useful information about a function or feature.	 <b>Note</b> Do not remove the toner cartridge from the carton until you are ready to install it in the machine.
<b>Important</b>	Used to provide important information.	<b>IMPORTANT</b> Take care not to touch the drum and transfer roller (gray) during cleaning.
<b>Caution</b>	Used to suggest mechanical damage as a result of an action.	<b>CAUTION</b> When removing a paper jam, pull the paper gently so as not to tear it. Torn pieces of paper are difficult to remove and may be easily overlooked, deterring the paper jam recovery.
<b>Warning</b>	Used to alert users to the possibility of personal injury.	<b>WARNING</b> If you are shipping the machine, remove and pack the toner cartridge and drum unit in a plastic bag and ship them separately from the machine.



## 2 Machine Parts

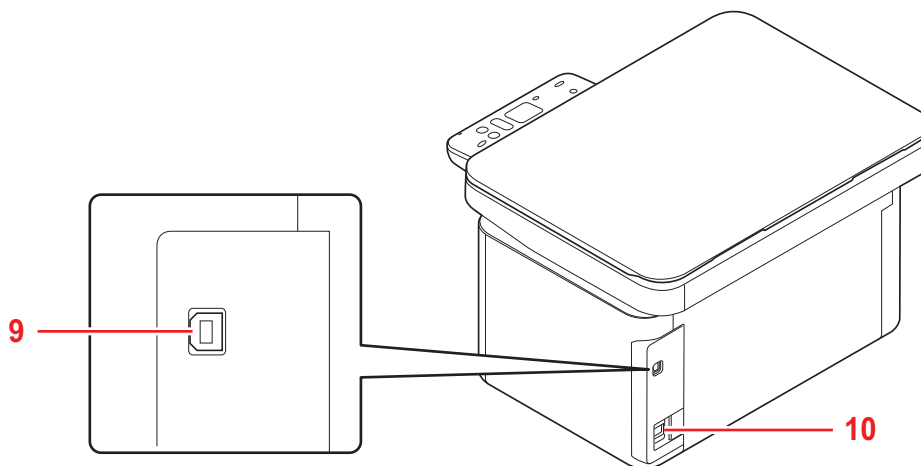
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### Front Machine Components



- 1 Original Cover
- 2 Original Size Indicator Plates
- 3 Platen
- 4 Inner Tray
- 5 Paper Stopper
- 6 Cassette
- 7 Stopper
- 8 Operation Panel

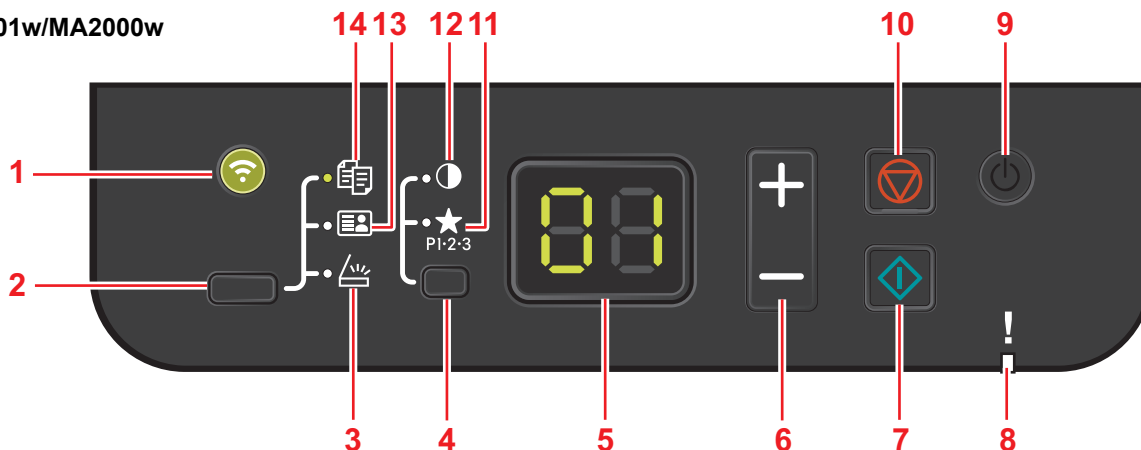
### Rear Machine Components



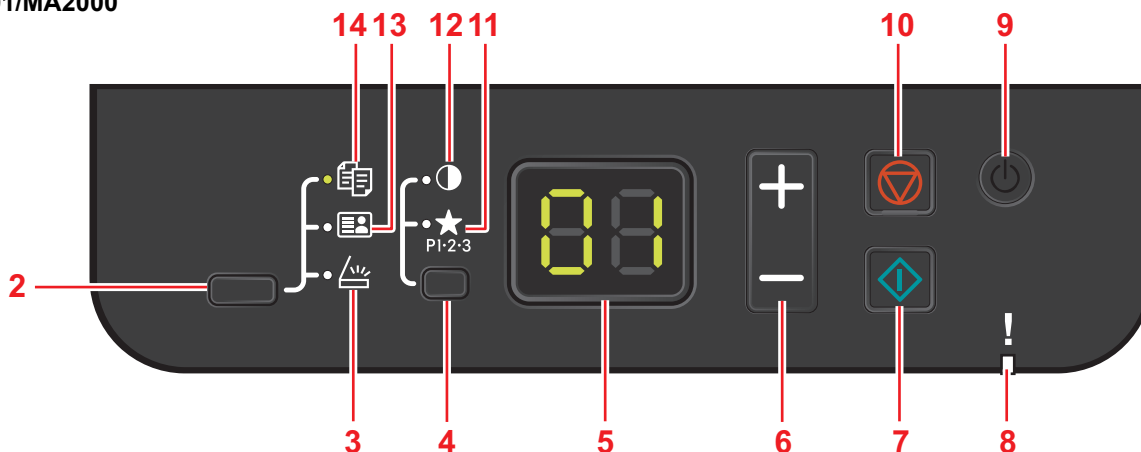
- 9 USB Interface Connector
- 10 Power Cord Connector

## Operation Panel

MA2001w/MA2000w



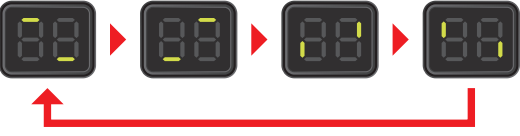

MA2001/MA2000



1	<b>Wireless Network</b> Key/Indicators	Makes a Wireless Network connection with the key, flashes during the connection process and lights up after the connection is complete.
2	<b>Function Select</b> key	Set the mode to Copy, ID Card Copy, or Scan.
3	<b>Scan</b> Indicators	Displays the Scan screen.
4	<b>Mode Select</b> key	<ul style="list-style-type: none"> <li>Set the mode to Copies, Density, or Program.</li> <li>Press and hold to switch to report print mode.</li> </ul>
5	<b>2-digit 7-segment</b> Indicators	Display the number of copies, error code, etc.
6	<b>[+] / [-]</b> key	Increments/decrements numbers in the display.
7	<b>Start</b> key	Starts copying and scanning operations.
8	<b>Attention</b> Indicators	Lights or flashes when an error occurs.
9	<b>Main Power</b> key	Turn the power off and on.
10	<b>Stop</b> key	<ul style="list-style-type: none"> <li> Cancels the printing job in progress.</li> <li> Returns settings to their default states.</li> </ul>
11	<b>Program</b> Indicators	Lights up when Program is selected. Select the program number.
12	<b>Density</b> Indicators	Lights up when Density is selected. Adjust the copy density.
13	<b>ID Card Copy</b> Indicators	Displays the ID Card Copy screen.
14	<b>Copy</b> Indicators	Displays the Copy screen.

## 2-digit 7-segment Indicators

The status of the machine is displayed on the 2-digit 7-segment Indicators.

Indicator	Description
	<ul style="list-style-type: none"> <li>• Waiting</li> <li>• Adding toner</li> <li>• Wireless Network Setting*</li> </ul>
	Sleeping

\* MA2001w/MA2000w only



**Note** When the error code is displayed, refer to *Error Messages* on page 9-7. KYOCERA Client Tool (software bundled with the GX Driver) will provide more detailed information about the printer status. (Refer to *KYOCERA Client Tool Settings* on page 3-37.).





# 3 Preparation

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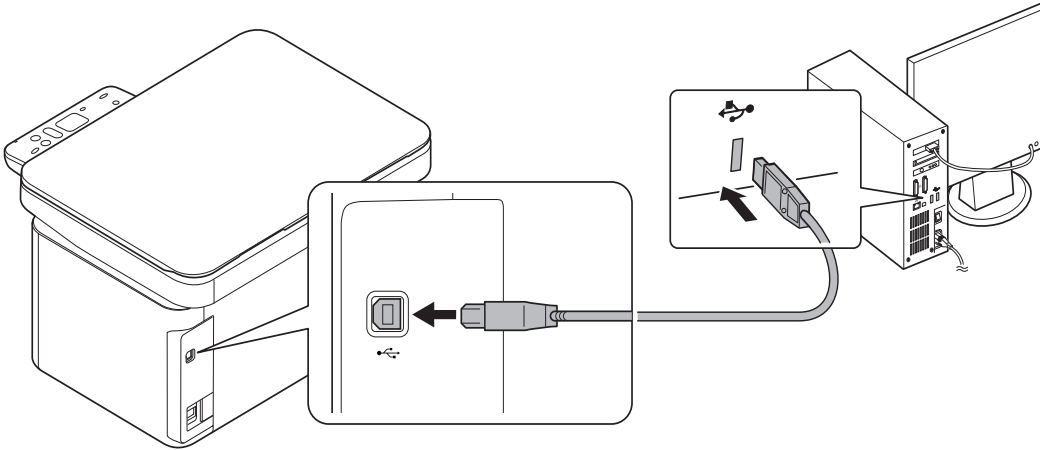
## Connections


This section explains how to start up the machine.

### Connecting the USB Cable

Follow the steps as below for connecting the USB cable.

- 1 Connect the USB cable to the machine's USB interface connector.




 **Note** Use a USB cable with a rectangular Type A plug and a square Type B plug. The USB cable should be shielded and no longer than 5 meters (16 feet) long.

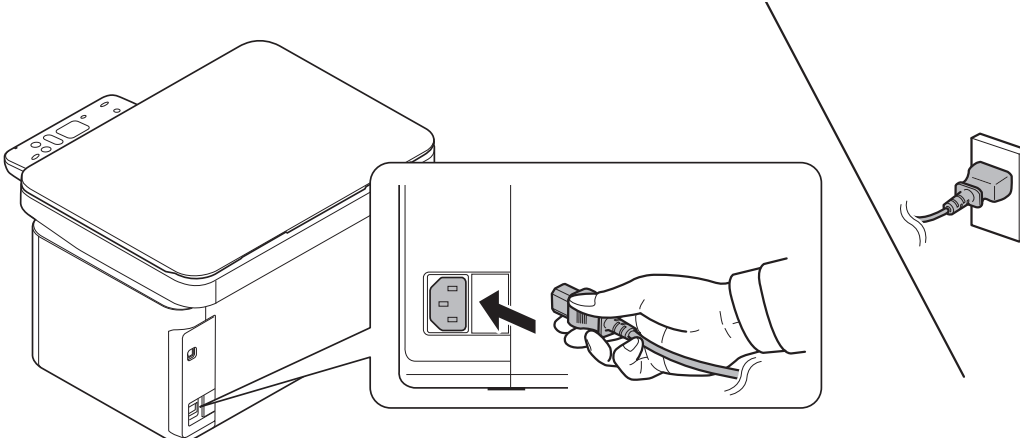
- 2 Connect the other end of the USB cable to the computer's USB interface connector.

### Connecting the Power Cord

Install the machine close to an AC wall outlet. If an extension cord is used, the total length of the power cord plus extension should be 5 meters (16 feet) or less.

 **Note** Only use the power cord supplied with the machine.

- 1 Connect the power cord to the power cord connector at the rear of the machine.

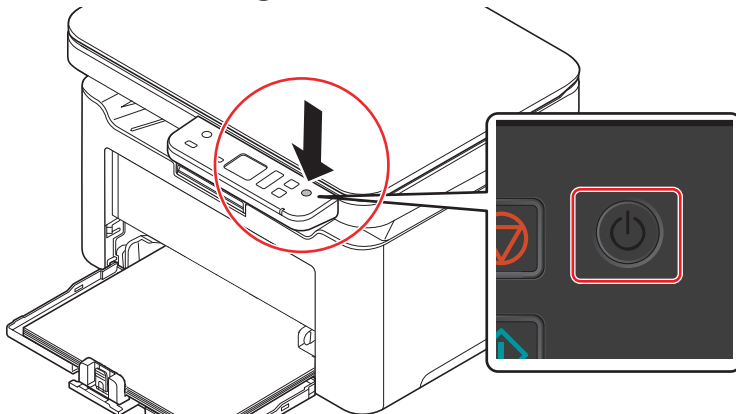


- 2 Connect the other end of the power cord to a power outlet.

## Power On/Off

### Power On

- 1 Press **[Main Power]** (⏻). The machine begins to warm up.

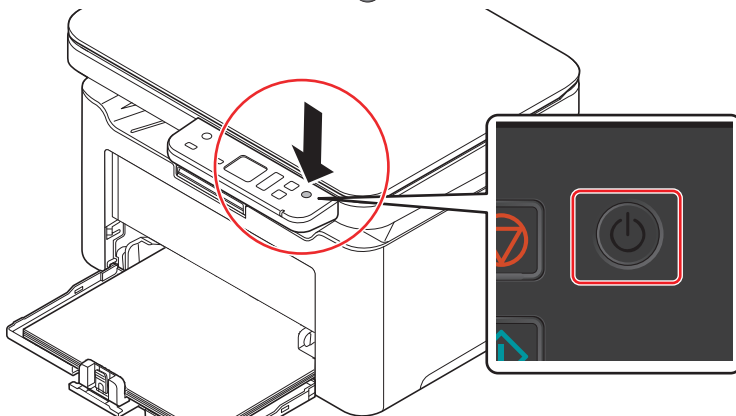


**IMPORTANT** If you install the toner cartridge and switch on the power, a screen with two bars (—) rotating is shown on the display on the operation panel. Once 01 appears in the display on the operation panel, machine installation is complete.



### Power Off

- 1 Press and hold **[Main Power]** (⏻) for 2 seconds or more.



**CAUTION** If the machine will not be used for an even longer period of time (e.g. vacation), remove the power plug from the outlet as a safety precaution.

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

## Loading Paper

### General Guidelines

The machine is designed to print on standard copier paper, but it can also accept a variety of other types of paper within the limits specified below.



**Note** The manufacturer assumes no liability for problems that occur when paper not satisfying these requirements is used.

Selection of the right paper is important. Using the wrong paper can result in paper jams, curling, poor print quality, and paper waste, and in extreme cases can damage the machine. The guidelines given below will increase the productivity of your office by ensuring efficient, trouble-free printing and reducing wear and tear on the machine.

### Paper Availability

Most types of paper are compatible with a variety of machines. Paper intended for xerographic copiers can also be used with the machine.

There are three general grades of paper: economy, standard, and premium. The most significant difference between grades is the ease with which they pass through the machine. This is affected by the smoothness, size, and moisture content of the paper, and the way in which the paper is cut. The higher the grade of paper you use, the less risk there will be of paper jams and other problems, and the higher the level of quality your printed output will reflect.

Differences between paper from different suppliers can also affect the machine's performance. A high-quality machine cannot produce high-quality results when the wrong paper is used. Low-priced paper is not economical in the long run if it causes printing problems.

Paper in each grade is available in a range of basis weights (defined later). The traditional standard weights are 60 to 120 g/m<sup>2</sup> (16 to 31.9b).

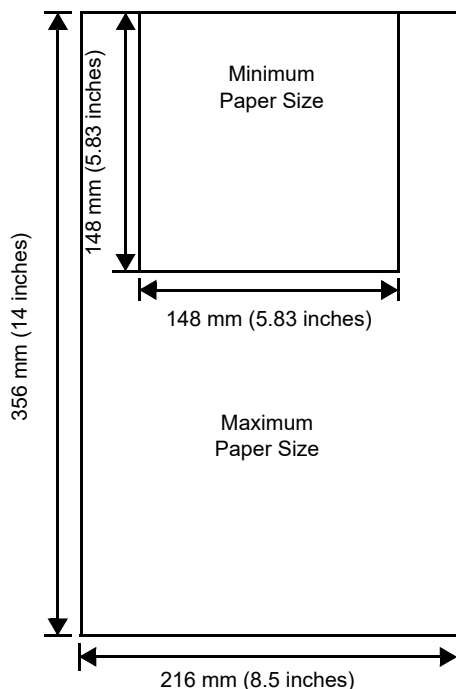
### Paper Specifications

The following table summarizes the basic paper specifications. Details are given on the following pages:

Item	Specifications
Weight	65 to 105 g/m <sup>2</sup> (17 to 28 lb/ream)
Thickness	0.086 to 0.110 mm (3.4 to 4.3 mils)
Dimensional Accuracy	±0.7 mm (±0.0276 inches)
Squareness of Corners	90 ±0.2°
Moisture Content	4 to 6%
Pulp Content	80% or more

## Minimum and Maximum Paper Sizes

The minimum and maximum paper sizes are as follows.



## Selecting the Right Paper

This section describes the guidelines for selecting paper.

### Condition

Avoid using paper that is bent at the edges, curled, dirty, torn, embossed, or contaminated with lint, clay, or paper shreds.

Use of paper in these conditions can lead to illegible printing and paper jams, and can shorten the life of the machine. In particular, avoid using paper with a surface coating or other surface treatment. Paper should have as smooth and even a surface as possible.

### Composition

Do not use paper that has been coated or surface-treated and contains plastic or carbon. The heat of fusing can cause such paper to give off harmful fumes.

Bond paper should contain at least 80% pulp. Not more than 20% of the total paper content should consist of cotton or other fibers.

### Paper Sizes

Cassette is available for the paper sizes shown below. The dimensional tolerances are  $\pm 0.7$  mm for the length and width. The angle at the corners must be  $90^\circ \pm 0.2^\circ$ .

- A4 (210 × 297 mm)
- A5 (Landscape) (210 × 148 mm)
- A5 (148 × 210 mm)
- Folio (210 × 330 mm)
- JIS B5 (182 × 257 mm)
- ISO B5 (176 × 250 mm)
- Letter (8.5 × 11 inches)
- Legal (8.5 × 14 inches)

- Executive (7.25 × 10.5 inches)
- Envelope C5 (162 × 229 mm)
- Oficio II (8.5 × 13 inches)
- 216 × 340 mm
- 16 K (197 × 273 mm)
- Custom\*  
148 × 148 to 216 × 356 mm, 5.83 × 5.83 to 8.5 × 14 inches

\* If the length of custom paper is larger than 297 mm (11.69 inches), the machine can be substituted A4, Folio, Legal, and Oficio II as the standard paper size.

### Smoothness

The paper should have a smooth, uncoated surface. Paper with a rough or sandy surface can cause blank spaces in the printed output. Paper that is too smooth can cause multiple feeding and fogging problems. (Fogging is a gray background effect.)

### Basis weight

Basis weight is the weight of paper expressed in grams per square meter (g/m<sup>2</sup>). Paper that is too heavy or too light may cause feed errors or paper jams as well as premature wear of the product. Uneven weight of paper, namely uneven paper thickness may cause multiple-sheet feeding or print quality problems such as blurring because of poor toner fusing.

The recommended basis weight is between 65 and 105 g/m<sup>2</sup> (17 to 28 lib/ream).

### Paper Weight Equivalence Table

The paper weight is listed in pounds (lb) and metric grams per square meter (g/m<sup>2</sup>). The shaded part indicates the standard weight.

Europe Metric Weight (g/m <sup>2</sup> )	U. S. Bond Weight (lb)
65	17
74	19
75	20
90	21
91	24
105	28

### Thickness

The paper used with the machine should be neither extremely thick nor extremely thin. If you are having problems with paper jams, multiple feeds, and faint printing, the paper you are using may be too thin. If you are having problems with paper jams and blurred printing the paper may be too thick. The correct thickness is 0.086 to 0.110 mm (3.4 to 4.3 mils).

### Moisture Content

Moisture content is defined as the percent ratio of moisture to the dry mass of the paper. Moisture can affect the paper's appearance, feed ability, curl, electrostatic properties, and toner fusing characteristics.

The moisture content of the paper varies with the relative humidity in the room. When the relative humidity is high and the paper absorbs moisture, the paper edges expand, becoming wavy in appearance. When the relative humidity is low and the paper loses moisture, the edges shrink and tighten, and print contrast may suffer.

Wavy or tight edges can cause jams and alignment anomalies. The moisture content of the paper should be 4 to 6%.

To ensure correct moisture content, it is important to store the paper in a controlled environment. Some tips on moisture control are:

- Store paper in a cool, dry location.
- Keep the paper in its wrapping as long as possible. Re-wrap paper that is not in use.
- Store paper in its original carton. Place a pallet etc. under the carton to separate it from the floor.
- After removing paper from storage, let it stand in the same room as the machine for 48 hours before use.
- Avoid leaving paper where it is exposed to heat, sunlight, or damp.

## Other Paper Properties

**Porosity:** Indicates the density of paper fiber.

**Stiffness:** Limp paper may buckle in the machine, resulting in paper jams.

**Curl:** Most paper naturally tends to curl one way if left unpacked. When paper passes through the fixing unit, it curls upward a little. To produce flat printouts, load the paper so that the upward pressure from the machine can correct their curling.

**Electrostatic discharge:** During the printing process the paper is electrostatically charged to attract the toner. The paper must be able to release this charge so that printed sheets do not cling together in the Output Tray.

**Whiteness:** The contrast of the printed page depends on the whiteness of the paper. Whiter paper provides a sharper, brighter appearance.

**Quality control:** Uneven sheet size, corners that are not square, ragged edges, welded (uncut) sheets, and crushed edges and corners can cause the machine to malfunction in various ways. A quality paper supplier should take considerable care to ensure that these problems do not occur.

**Packaging:** Paper should be packed in a sturdy carton to protect it from damage during transport. Quality paper obtained from a reputable supplier is usually correctly packaged.

**Specially treated paper:** We do not recommend printing onto the following types of paper, even if it conforms to the basic specifications. When you use these kinds of paper, purchase a small amount first as a sample to test.

- Glossy paper
- Watermarked paper
- Paper with an uneven surface
- Perforated paper

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## Special Paper

The following types of special paper can be used:

- Preprinted paper
- Bond paper
- Recycled paper
- Rough paper
- Letterhead paper
- Colored paper
- Prepunched paper
- High-quality paper

Use paper that is sold specifically for use with copiers or printers (heat-fusing type).

Since the composition and quality of special paper vary considerably, special paper is more likely than white bond paper to give trouble during printing. No liability will be assumed if moisture and so forth given off during printing on special paper causes harm to the machine or operator.



**Note** Before purchasing any type of special paper, test a sample on the machine and check that printing quality is satisfactory.

## Colored Paper

Colored paper should satisfy the same conditions as white bond paper. Refer to *Paper Specifications* on page 3-3. In addition, the pigments used in the paper must be able to withstand the heat of fusing during the printing process (up to 200°C or 392°F).

## Preprinted Paper

Preprinted paper should satisfy the same conditions as white bond paper. Refer to *Paper Specifications* on page 3-3. The preprinted ink must be able to withstand the heat of fusing during the printing process, and must not be affected by silicone oil.

Do not use paper with any kind of surface treatment, such as the type of paper commonly used for calendars.

## Recycled Paper

Select recycled paper that meets the same specifications as the white bond paper except for whiteness. Refer to *Paper Specifications* on page 3-3.



**Note** Before purchasing recycled paper, test a sample on the machine and check that the printing quality is satisfactory.

## Paper Type

The machine is capable of printing under the optimum setting for the type of paper being used.

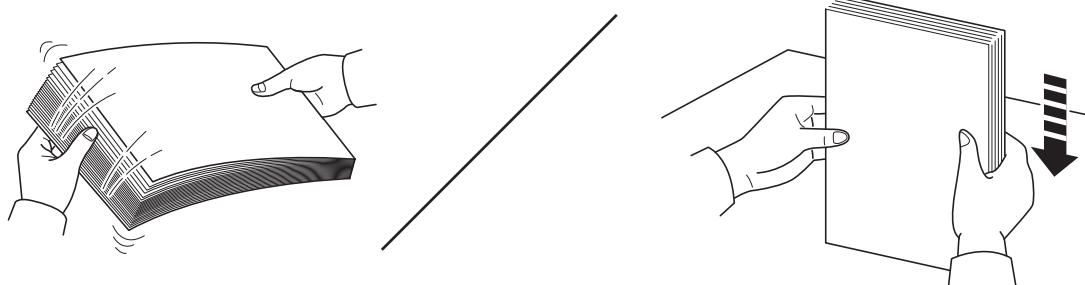
Not only can preset paper types be selected, but it is also possible for you to define and select customized paper types. Paper type can be changed using the printer driver and KYOCERA Client Tool. The following types of paper can be used.

Paper Type	Paper Weight Displayed in KYOCERA Client Tool
Plain	Normal 2
Preprinted	Normal 2
Bond	Normal 3
Recycled	Normal 2
Rough	Normal 3
Letterhead	Normal 2
Color	Normal 3
Prepunched	Normal 2
High quality	Normal 2
Custom 1 (to 8)*	Normal 2

\* This is a paper type defined and registered by the user. Up to eight types of user settings may be defined. For more information, refer to *KYOCERA Client Tool User Guide*.

## Preparing the Paper

After removing paper from the packaging, fan through the sheets to separate them prior to loading.



If using paper that has been folded or is curled, straighten it prior to loading. Failure to do so may result in a paper jam.

**IMPORTANT** Ensure paper is not stapled and clips are removed.

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

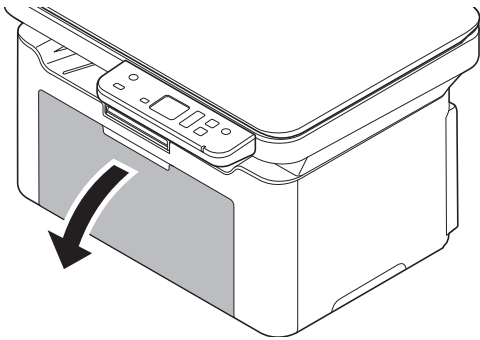
Check that no foreign matter is adhering to the surfaces or edges of paper. Otherwise, foreign matter may cause printing problems.



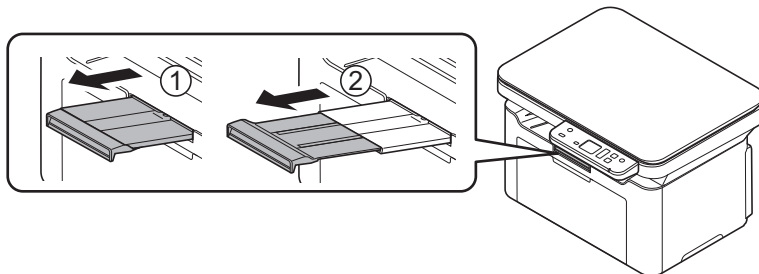
## Loading Paper into Cassette

150 sheets of A4 or Letter paper (80 g/m<sup>2</sup>) may be loaded into the cassette.

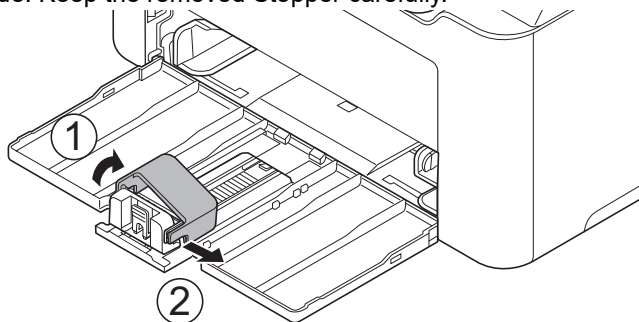
- 1 Open the front cover.



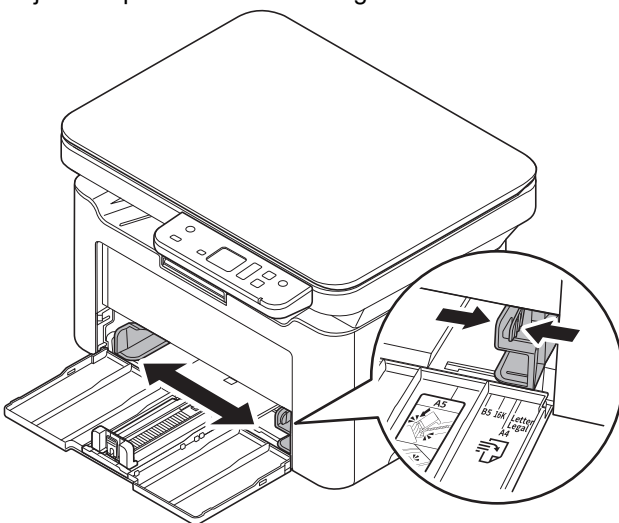
If necessary, open the paper stopper shown in the figure.




When using paper other than A5 (Landscape), remove the stopper from the paper length guide. Keep the removed Stopper carefully.

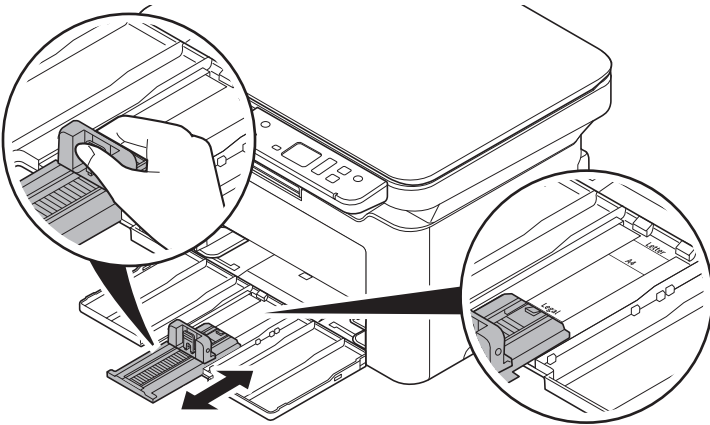



- 2 Adjust the position of the width guides located on the left and right sides of the cassette.

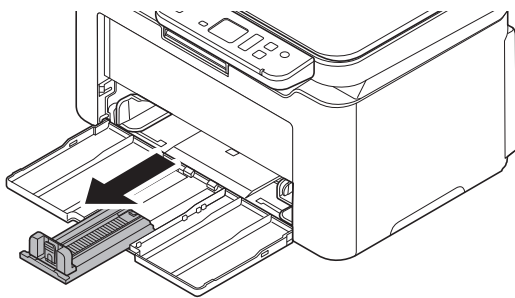


 **Note** Paper sizes are marked on the cassette.

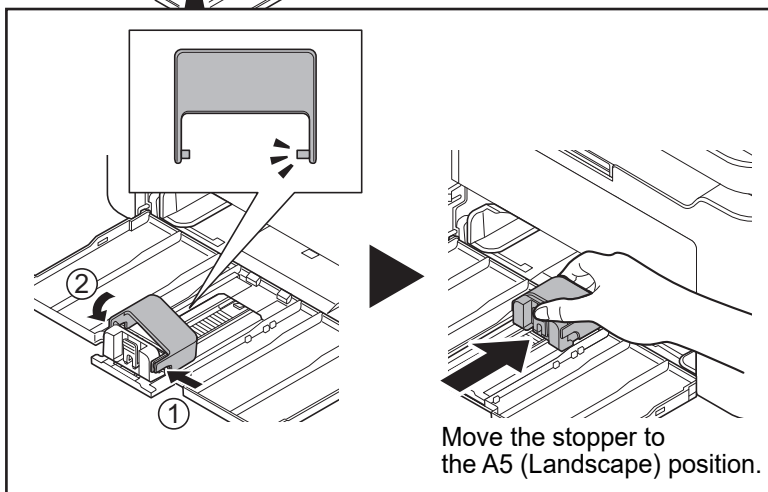
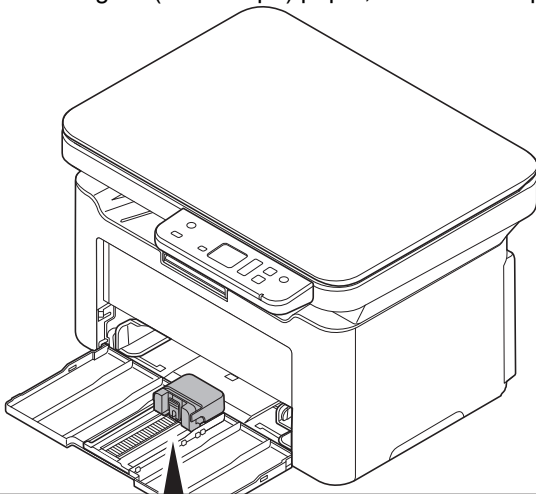
**3** Adjust the paper length guide to the paper size required.



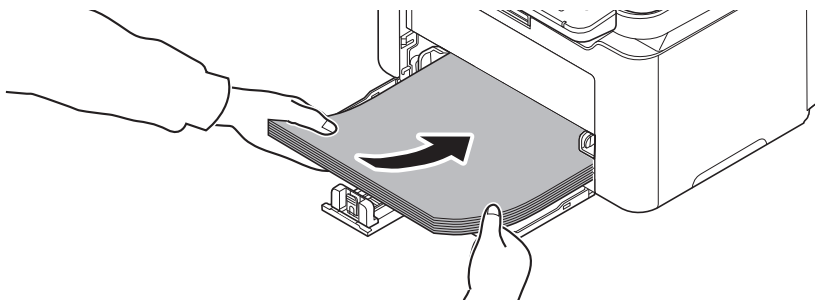
 **Note** When using A4/Letter or larger paper, pull out the paper length guide.



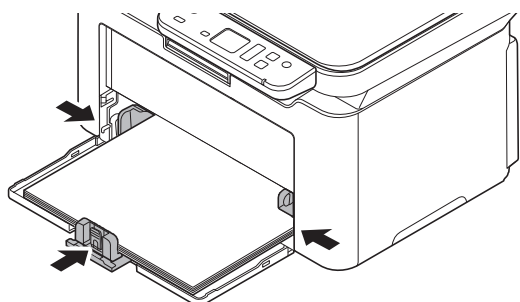
When using A5 (Landscape) paper, attach the stopper.



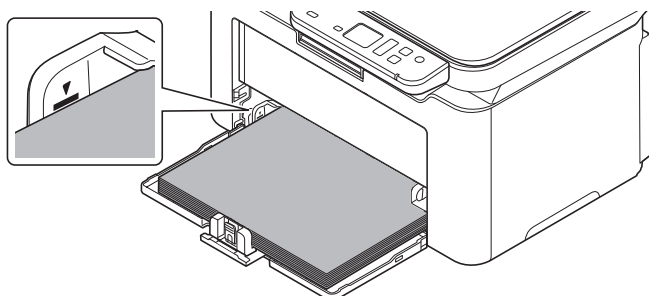
- 4** Load the paper all the way in the cassette until the paper touches the far inner side. Ensure the side to be printed is facing up and the paper is not folded, curled, or damaged.



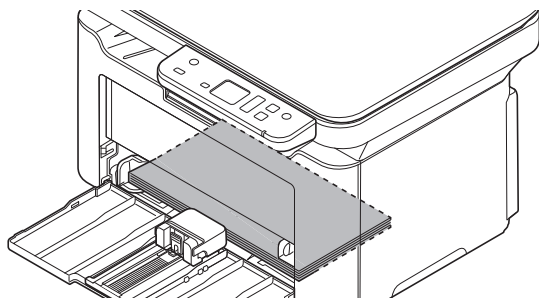
**IMPORTANT** Adjust so that there is no gap between the paper length guide and the paper.



 **Note** Load an amount of paper that fits under (does not contact) the tabs on the width guides.




When using A5 (Landscape) paper, load the paper as shown in the illustration.



 **Note** When using A5 (Landscape) paper, do not close the front cover.

- 5** Specify the paper size and type for the cassette using KYOCERA Client Tool. For more information, refer to *Configuration* on page 3-51.

 **Note** Set the same paper size to the paper size that is set on the machine.

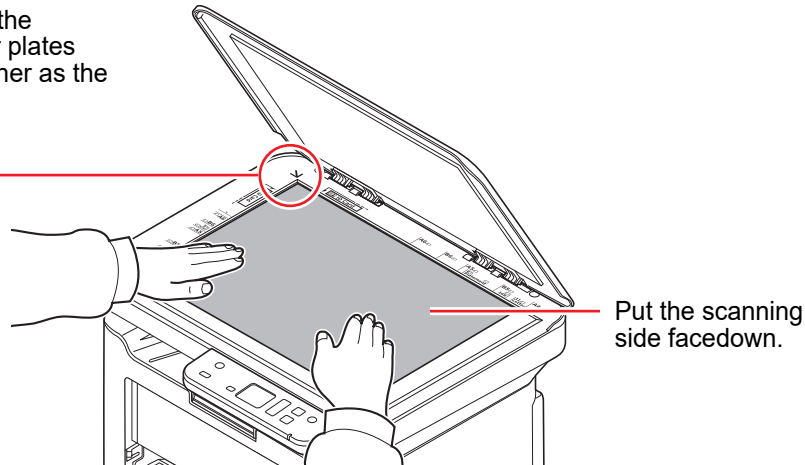
## Loading Originals

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



**Note** Shadows may be produced around the edges and in the middle of open-faced originals.

Align it flush against the original size indicator plates with the back left corner as the reference point.



Open the original cover, and place the original.

**IMPORTANT** Do not push the original cover forcefully when you close it. Excessive pressure may crack the platen. (Allowable load weight: 5 kg or less)

When placing books or magazines on the machine, do so with the original cover in the open position.

## Installing Drivers and Utilities (For installation from the DVD (Product Library))

This section explains how to configure machine settings and install the software required for use as a machine. Ensure the machine is plugged in and connected to the PC before installing the software from the *Product Library* disc.



**Note** Install the software when the machine status is online\*.

\* 01 (in copy mode) or P0 (in scan mode) appears in the operation panel display.

### Software

The following software can be installed from the provided *Product Library* disc.

●: Installed standard. ○: Installed if selected.

Software	Function	Description	Installation Method		Reference Page
			Quick Installer	Custom Installer	
GX DRIVER	Print	Driver for printing files on a computer using the machine. This printer driver enables full use of the machine's features.	●	○	<i>Printer Driver User Guide</i>
TWAIN Driver	Scan	Driver for scanning on the machine using a TWAIN-compatible software application.	●	○	6-4
WIA Driver		WIA (Windows Imaging Acquisition) is a function of Windows that enables reciprocal communication between an imaging device such as a scanner and an image processing software application. An image can be acquired using a WIA-compliant software application, which is convenient when a TWAIN-compliant software application is not installed in the computer.	—	○	6-4
KYOCERA Net Viewer	Utility	Utility that enables the machine to be monitored when connected to a network.	—	○	<i>KYOCERA Net Viewer User Guide</i>
KYOCERA Client Tool		Utility that enables current and all supported devices status, features and settings to be accessed. When KYOCERA Client Tool is installed, the following utilities are installed. <ul style="list-style-type: none"> <li>• Status Monitor (page 3-41)</li> <li>• Preset Tool (page 3-43)</li> <li>• Configuration (page 3-51)</li> <li>• Maintenance Menu (page 8-15)</li> </ul>	●	○	3-36



**Note** Installation on Windows must be done by a user logged on with administrator privileges. For installation from our website, refer to *Installing Drivers and Utilities (For installation from our website)* on page 3-21.

## Installing the Software in Windows

If you are connecting this machine to a Windows PC, follow the next steps to install the software. The example shows you how to connect your machine to a Windows 10.



**Note** In Windows operating systems, you must be logged in with administrator privileges to install the software.

You can use either Quick Installer or Custom Installer to install the software. Quick Installer automatically detects connected machines and installs the required software. Use Custom Installer if you want to specify the printer port and select the software to be installed.

**1** Turn on the computer and start up Windows.

If the Welcome to the **Found New Hardware Wizard** screen displays, select **Cancel**.

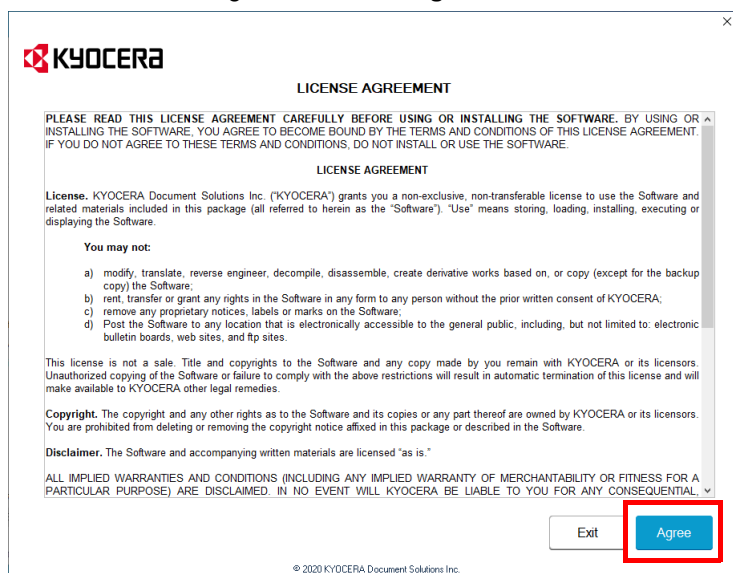
**2** Insert the *Product Library* disc supplied with the machine into the optical drive.

The installation program launches.



**Note** If the software install wizard does not launch automatically, open the *Product Library* disc window in Windows Explorer and double-click **Setup.exe**.

**3** Read the License Agreement. Click **Agree**.



The software install wizard starts up.

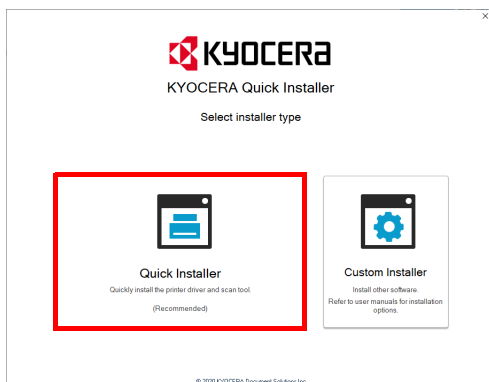
From this point, the procedure differs depending on your version of Windows and your connection method. Proceed to the correct procedure for your connection type.

- Quick Installer
- Custom Installer

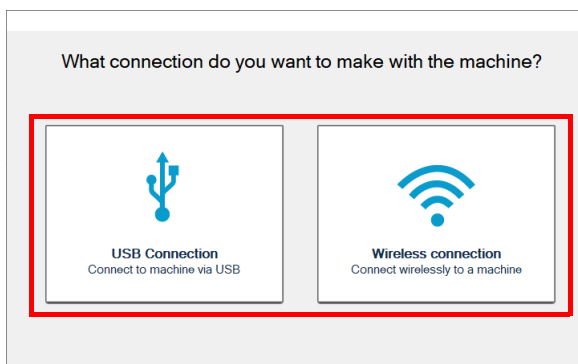
## Quick Installer


In Quick Installer, the installer automatically detects the machine when it is turned on. Use Quick Installer for standard connection methods. (The below screens show an example that the machine is connected to a computer via USB.)

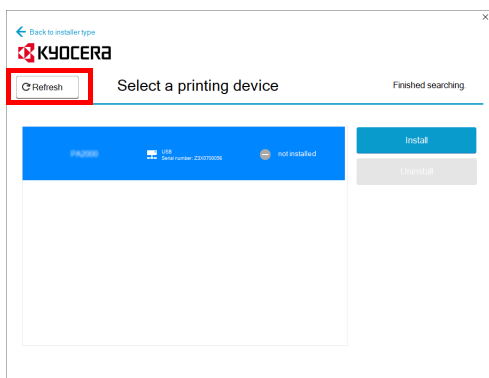
### 1 Select **Quick Installer**.



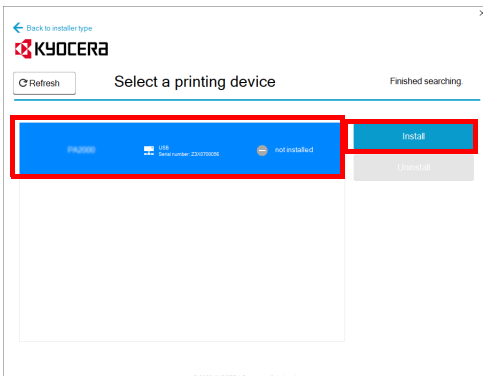
### 2 Select **USB Connection** or **Wireless Connection**. The installer detects the machine.



If the installer does not detect a print system, check that the print system is connected via USB or a network and that it is turned on. Then click  (**Refresh**) to search print system again. Wireless Connection is only possible with the MA2001w/MA2000w.



**3** Select the device you want to install, and click **Install**.

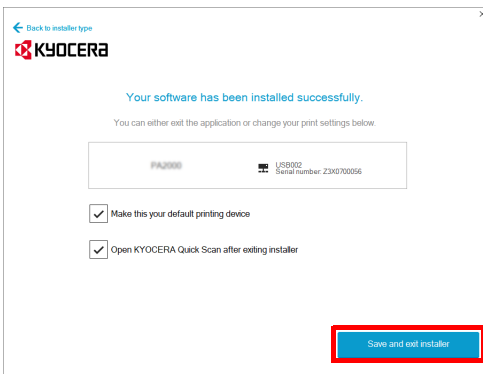


**Note** If the Found New Hardware Wizard appears, click **Cancel**. If a hardware installation warning message appears, click **Continue**.

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

**4** A message appears saying that your software is ready to use.

Click **Save and exit installer** to exit the installation wizard.



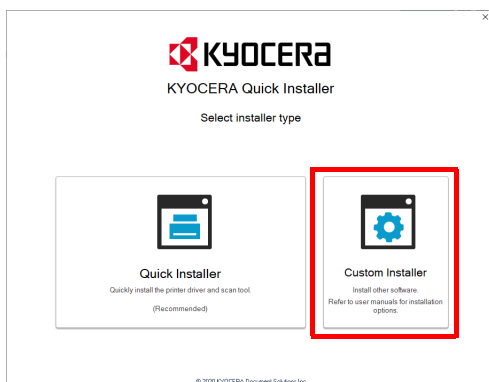
This completes the software installation procedure.



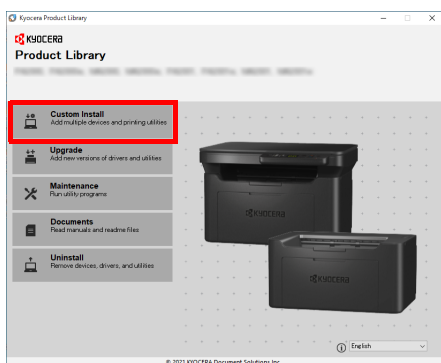
## Custom Installer

Use Custom Installer if you want to specify the printer port and select the software to be installed. (The below screens show an example that the machine is connected to a computer via USB.)

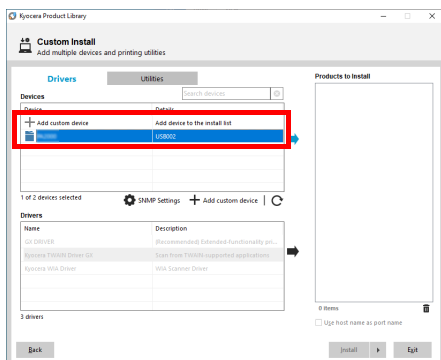
- 1 Select Connection method for Custom Installer.



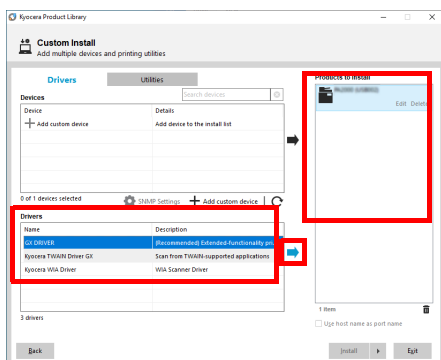
- 2 Select Custom Install.



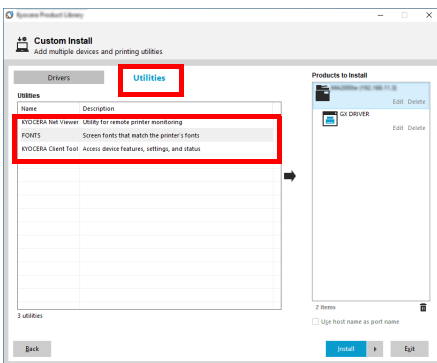
- 3 Select the device to be installed, and click the arrow button to move it to the **Products to Install** list.



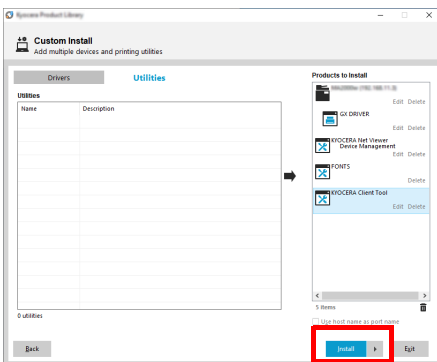
- 4 Select the software to be installed, and click the arrow button to move it to the **Products to Install** list.



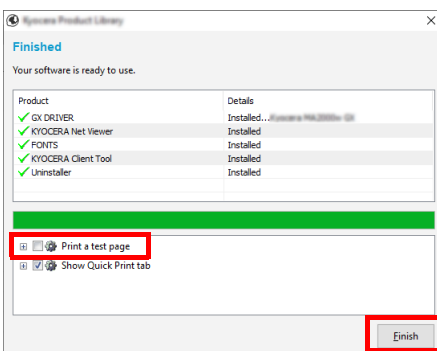
- 5 Click **Utility** tab and select the utility to be installed.



- 6 Click **Install**.



- 7 A message appears saying that your software is ready to use. To print a test page, select the **Print a test page** checkbox and select the machine.




Click **Finish** to exit the installation wizard.

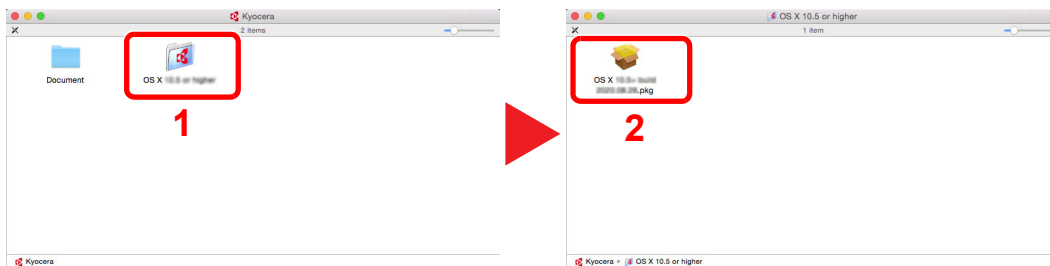
This completes the software installation procedure.

## Installing Software in Mac Computer

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

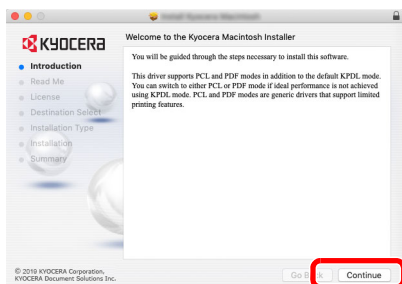
 **Note** Installation on Mac OS must be done by a user logged on with administrator privileges. For installation from our website, refer to *Installing Software in Mac Computer* on page 3-27

- 1 Insert the DVD.  
Double-click the **Kyocera** icon.
- 2 Display the screen.



Double-click **OS X x.x** depending on your Mac OS version.

- 3 Install the Printer Driver.



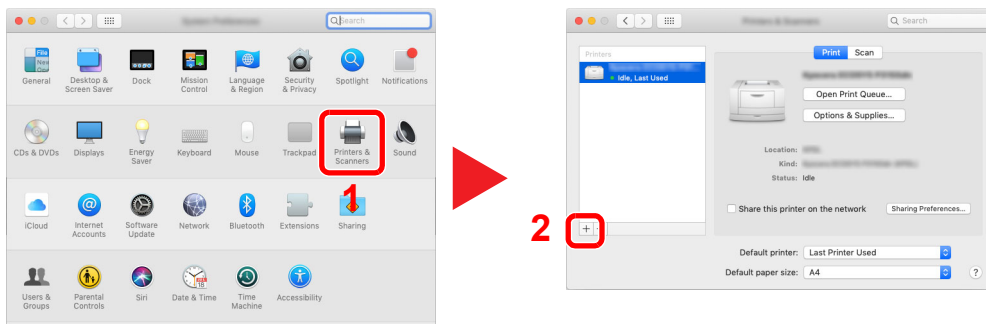
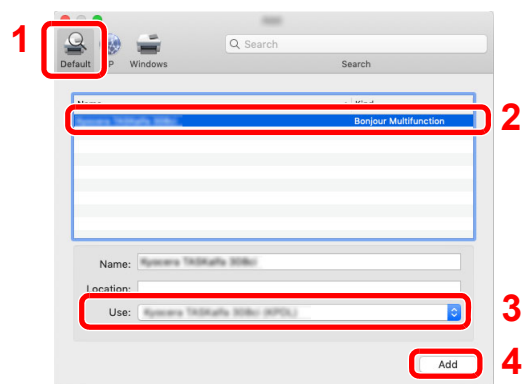
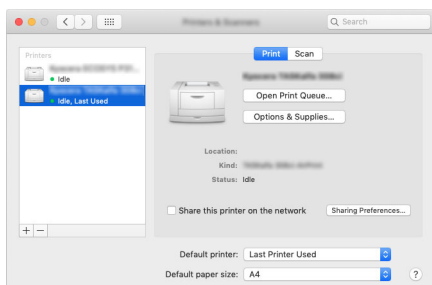
Install the printer driver as directed by the instructions in the installation software.

This completes the printer driver installation.

If a USB connection is used, the machine is automatically recognized and connected.

**(MA2001w/MA2000w only)**

If an IP connection is used, the settings below are required.

**4** Open System Preferences and add the printer.**5** Select **Default** and click the item that appears in "Name" and then select the driver in "Use".**6** The selected machine is added.

**Note** When using an IP connection, click the IP icon for an IP connection and then enter the host name or IP address. The number entered in "Address" will automatically appear in "Name". Change if needed.

## Installing Drivers and Utilities (For installation from our website)

To use printer function or TWAIN/WIA connection, download and install prerequisite softwares from our website (<https://kyocera.info/>). Ensure the machine is plugged in and connected to the PC before installing the software.



**Note** Install the software when the machine status is online\*.

\* 01 (in copy mode) or P0 (in scan mode) appears in the operation panel display.

### Software

Software	Function	Description	Recommended software	Reference Page
GX DRIVER	Print	Driver for printing files on a computer using the machine. This printer driver enables full use of the machine's features.	●	<i>Printer Driver User Guide</i>
TWAIN Driver	Scan	Driver for scanning on the machine using a TWAIN-compatible software application.	●	6-4
WIA Driver		WIA (Windows Imaging Acquisition) is a function of Windows that enables reciprocal communication between an imaging device such as a scanner and an image processing software application. An image can be acquired using a WIA-compliant software application, which is convenient when a TWAIN-compliant software application is not installed in the computer.	—	6-4
KYOCERA Net Viewer	Utility	Utility that enables the machine to be monitored when connected to a network.	—	<i>KYOCERA Net Viewer User Guide</i>
KYOCERA Client Tool		Utility that enables current and all supported devices status, features and settings to be accessed. When KYOCERA Client Tool is installed, the following utilities are installed. <ul style="list-style-type: none"> <li>• Status Monitor (page 3-41)</li> <li>• Preset Tool (page 3-43)</li> <li>• Configuration (page 3-51)</li> <li>• Maintenance Menu (page 8-15)</li> </ul>	●	3-36



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

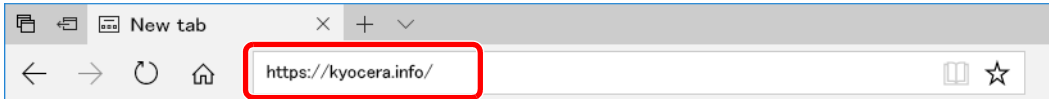
For installation from the DVD (Product Library), refer to *Installing Drivers and Utilities (For installation from the DVD (Product Library))* on page 3-13.

## Installing the Software in Windows

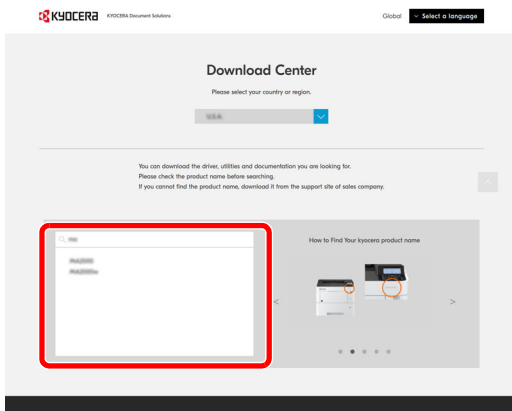
### Downloading and installing from the website

Download and install a software from our website.

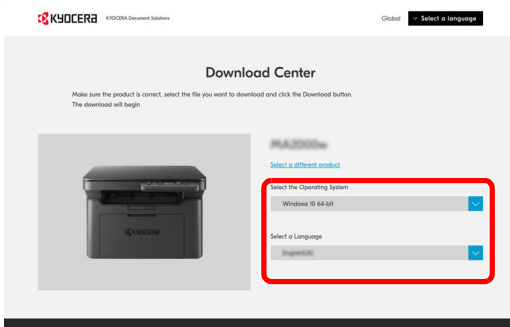
- 1 Enter "https://kyocera.info/" to the browser's address bar or location bar.



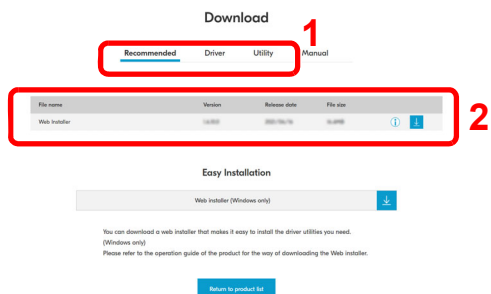
- 2 Enter and search the product name, and select this product from the candidate list.



- 3 Change the selected operating system and its language setting as needed.

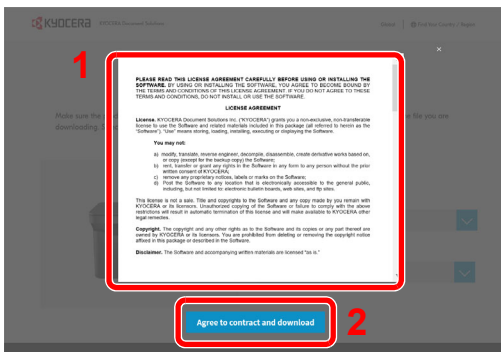


- 4 Recommended tab, Driver tab or Utility tab >  of the software you want to download




**5** Read the license agreement.

Click **Agree to contract and download** if there is no problem. An installer of the selected software will be downloaded.



**6** Double-click the downloaded installer to launch.

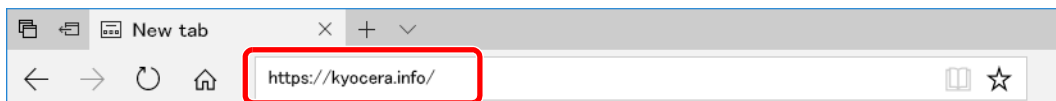
Follow the guidance on the screen to install the software.

 **Note** Installation on Windows must be done by a user logged on with administrator privileges. If the user account management window appears, click **[Yes]** (**[Allow]**).

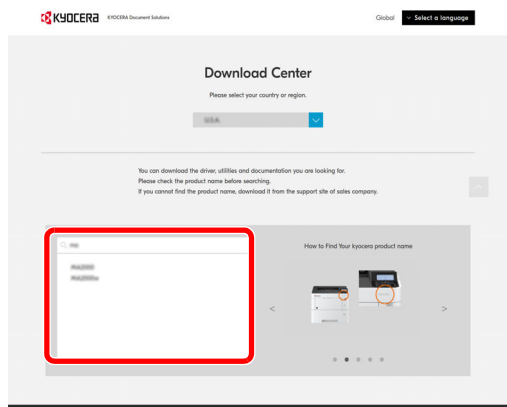
**Using the web installer**

Install a software by using a web installer downloaded from our website.

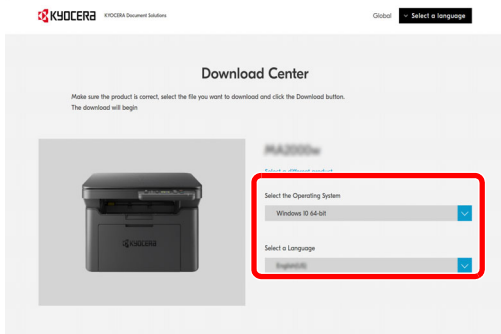
- 1** Launch a web browser.
- 2** Enter "https://kyocera.info/" to the browser's address bar or location bar.



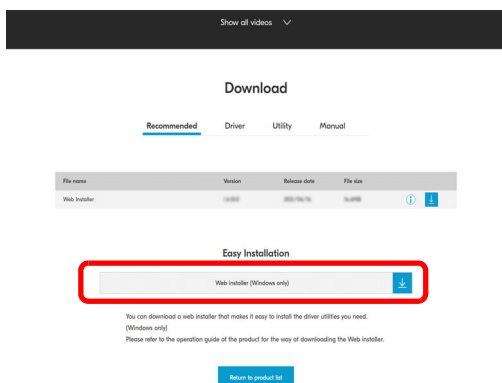
**3** Enter and search the product name, and select this product from the candidate list.



#### 4 Change the selected operating system and its language setting as needed.

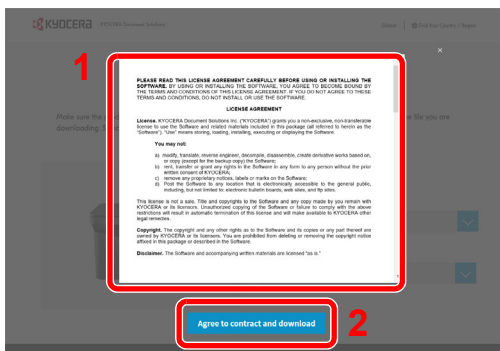


#### 5 Click "Web installer" .



#### 6 Read the license agreement.

Click **Agree to contract and download** if there is no problem. A web installer will be downloaded.



#### 7 Double-click the downloaded installer to launch.

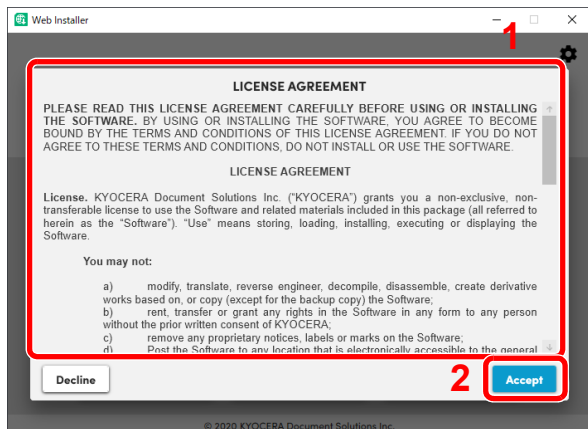


**Note** Installation on Windows must be done by a user logged on with administrator privileges. If the user account management window appears, click **Yes (Allow)**.

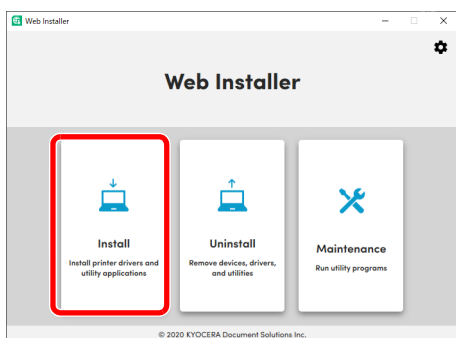


## 8 Read the license agreement.

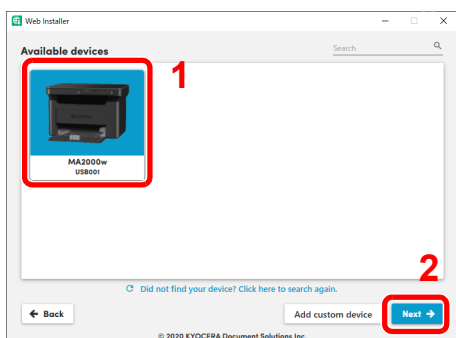
Click **Accept** if there is no problem.



## 9 Click Install.



## 10 Select a model and click Next.

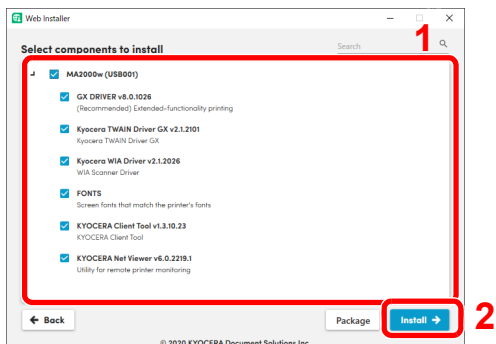


**Note** The machine cannot be detected unless it is on. If the computer fails to detect the machine, verify that it is connected to the computer via a network or USB cable.

If a desired device is not displayed, select **Add custom device** to directly select the device you want to use.

**11** Select softwares you want to install.

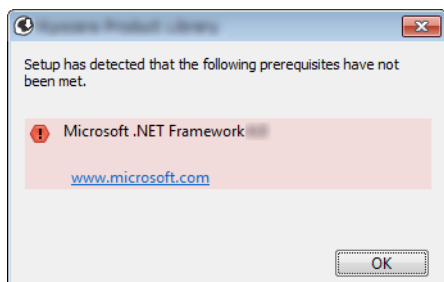
**Note** Softwares recommended to install have  in their checkboxes by default. Configure them as needed.



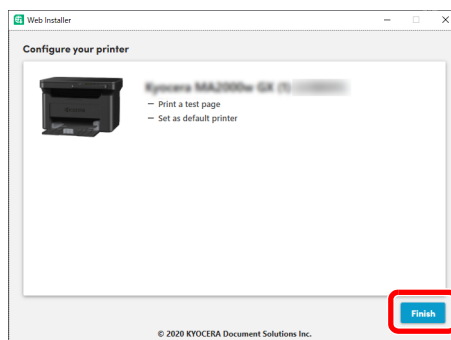
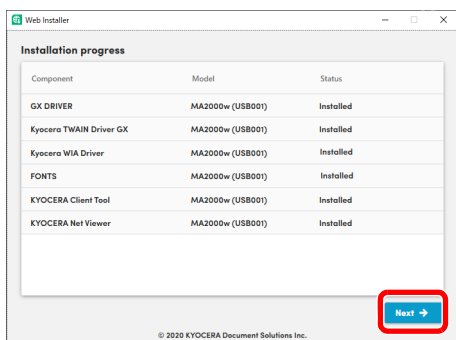
**12** Click **Install**.

When **Install** is clicked, a screen which asks for cooperation for data collection may appear. Select one of the answer choices and click **OK**.

**Note** If the Windows security window appears, click **Install this driver software anyway**. If the Microsoft .NET Framework installation screen is displayed, click **Yes** to install it.



**13** Finish the installation.




Click **Next** > **Finish** to finish the installation wizard.

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

## Installing Software in Mac Computer

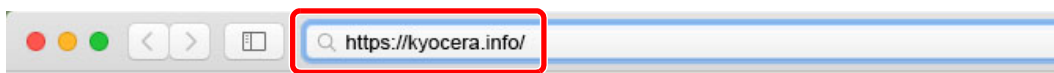
The machine's printer functionality can be used by a Mac computer.

 **Note** Installation on Mac OS must be done by a user logged on with administrator privileges. For installation from the DVD (Product Library), refer to *Installing Software in Mac Computer* on page 3-19.

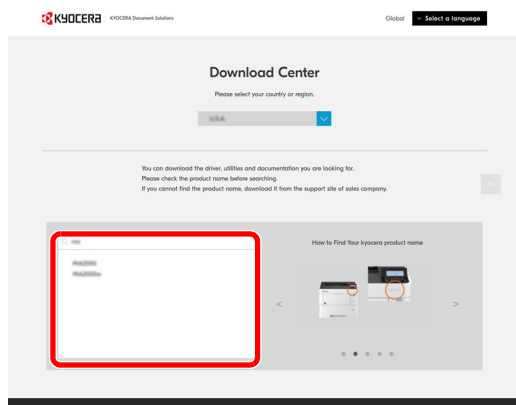
### Downloading and installing from the website

Download and install a software from our website.

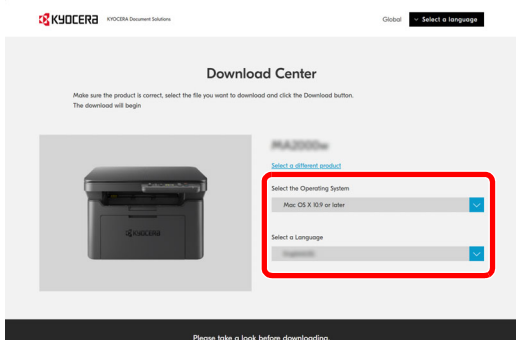
- 1 Launch a web browser.
- 2 Enter "https://kyocera.info/" into the address bar.



- 3 Enter and search the product name, and select this product from the candidate list.

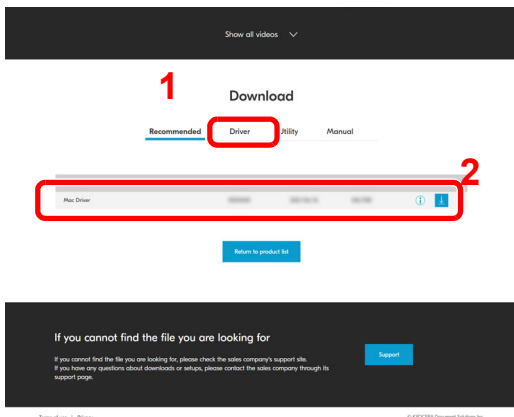


- 4 Change the selected operating system and its language setting as needed.

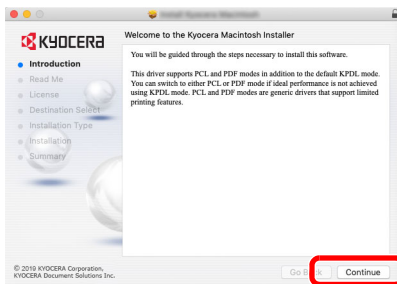


**5** Driver tab > "Mac Printer Driver(x.x and later)" 

An installer of the selected software will be downloaded.

**6** Install the Printer Driver.

Double click to launch the downloaded installer.



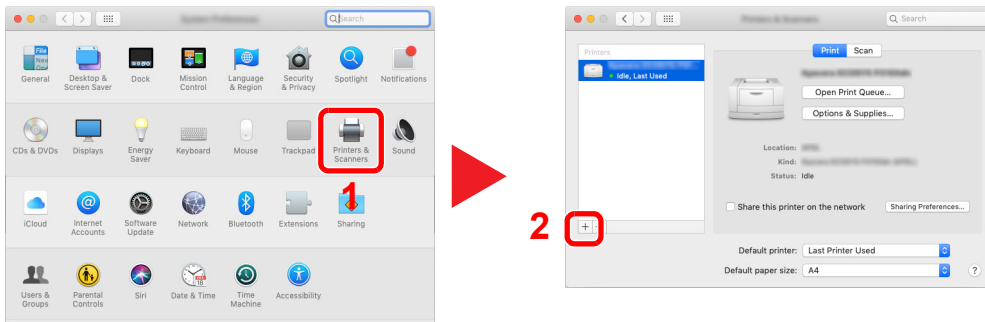
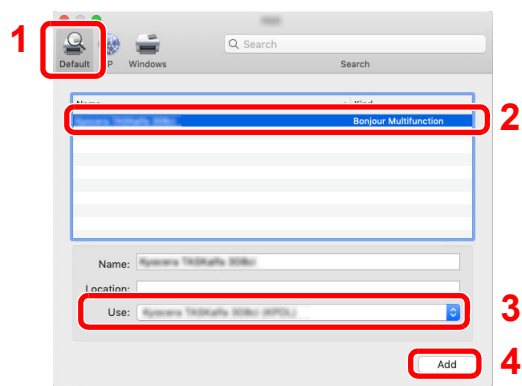
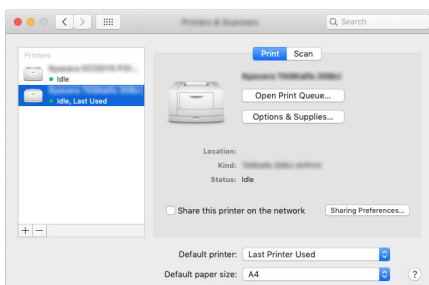
Install the printer driver as directed by the instructions in the installation software.

This completes the printer driver installation.

If a USB connection is used, the machine is automatically recognized and connected.

**(MA2001w/MA2000w only)**


If an IP connection is used, the settings below are required.

**7** Open System Preferences and add the printer.**8** Select **Default** and click the item that appears in "Name" and then select the driver in "Use".**9** The selected machine is added.

**Note** When using an IP connection, click the IP icon for an IP connection and then enter the host name or IP address. The number entered in "Address" will automatically appear in "Name". Change if needed.


## Uninstalling the Software

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

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

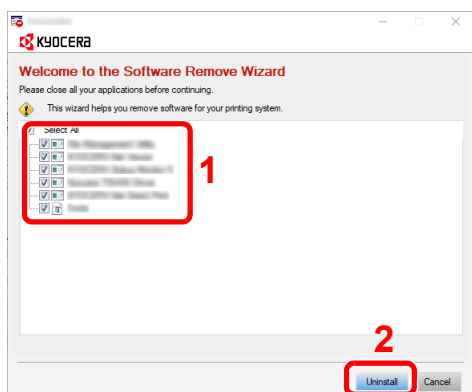
### 1 Display the screen.

Click Search box in taskbar, and enter "Uninstall Kyocera Product Library" in the search box. Select **Uninstall Kyocera Product Library** in the search list.

 **Note** In Windows 8.1, click **Search** in charms, and enter "Uninstall Kyocera Product Library" in the search box. Select **Uninstall Kyocera Product Library** in the search list.


### 2 Uninstall the software.

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



### 3 Finish uninstalling.

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

 **Note** The software can also be uninstalled using Web Installer or Product Library. In the screen of Web Installer or Product Library, click **Uninstall**, and follow the on-screen instructions to uninstall the software.

## Wireless Network Setup (MA2001w/MA2000w only)

When the wireless network connection settings are configured, it is possible to print or send in a wireless network (wireless LAN) environment.



**Note** Before configuring the wireless network settings, connect the computer to the access point of the network or wireless router.

Configuring the wireless network settings, follow the steps below:

- 1 Install the printer driver for USB connection on your computer.  
Refer to *Installing Drivers and Utilities (For installation from the DVD (Product Library))* on page 3-13 or *Installing Drivers and Utilities (For installation from our website)* on page 3-21.
- 2 Configure network connection. There are three ways to configure.
  - Configuring Network Connection Using the Push Button (page 3-31)
  - Configuring Network Connection Using the Wireless Network Setup Tool (page 3-32)
  - Configuring Network Connection by Entering a PIN (page 3-34)
- 3 Install the printer driver for wireless network connection on your computer.  
Refer to *Installing Drivers and Utilities (For installation from the DVD (Product Library))* on page 3-13 or *Installing Drivers and Utilities (For installation from our website)* on page 3-21.



### Install the printer driver for USB connection on your computer

- 1 Connect the machine with a computer via USB cable when the machine is powered on.
- 2 Turn on the computer.
- 3 Install the printer driver for USB connection on your computer.

Refer to *Installing Drivers and Utilities (For installation from the DVD (Product Library))* on page 3-13 or *Installing Drivers and Utilities (For installation from our website)* on page 3-21.

### Configuring Network Connection Using the Push Button

If your router supports WPS, you can configure network connection using the push button.

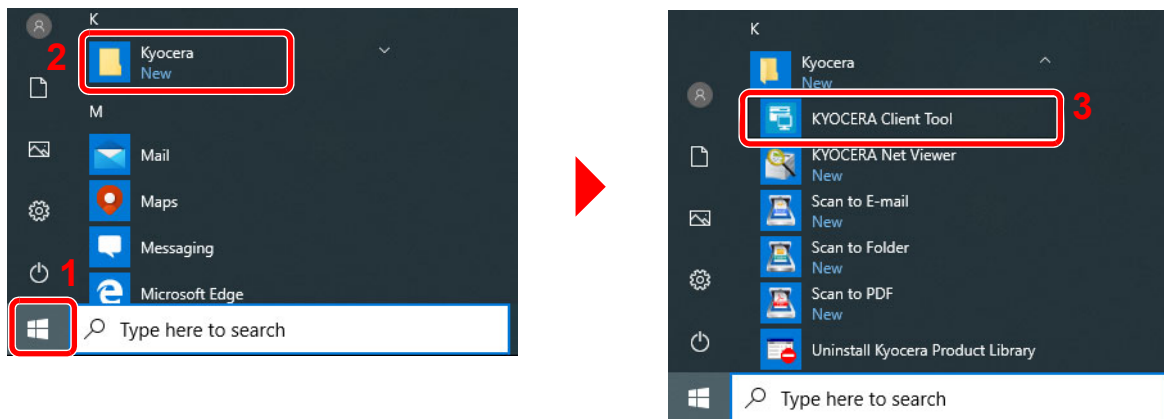
- 1 Turn on the computer.
- 2 Press [**Wireless Network**] () on the operation panel of the machine.  
The wireless network indicator flashes.
- 3 Press the push button on the router.  
The network between this machine and the router is configured. If the network connection between this machine and the router is complete, [**Wireless Network**] () will light up.
- 4 Install the printer driver for wireless network connection on your computer.  
Refer to *Installing Drivers and Utilities (For installation from the DVD (Product Library))* on page 3-13 or *Installing Drivers and Utilities (For installation from our website)* on page 3-21.

## Configuring Network Connection Using the Wireless Network Setup Tool

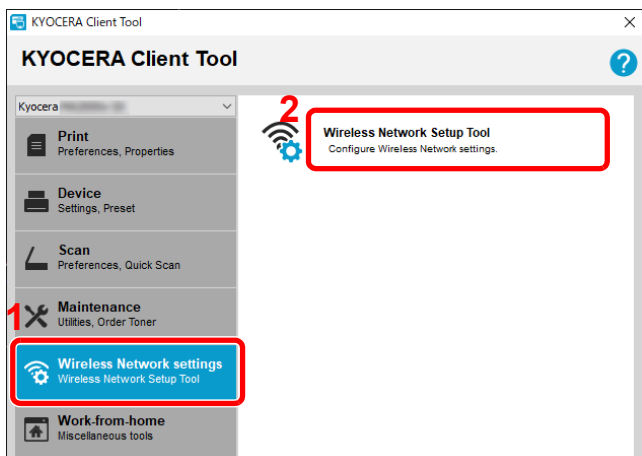
To send the wireless network settings configured using the Wireless Network Setup Tool to the machine, connect the computer with the machine locally. The connection method is wired connection via USB cable.

- 1 Connect the machine with a computer via USB cable when the machine is powered on.
- 2 Turn on the computer.
- 3 Open the KYOCERA Client Tool.

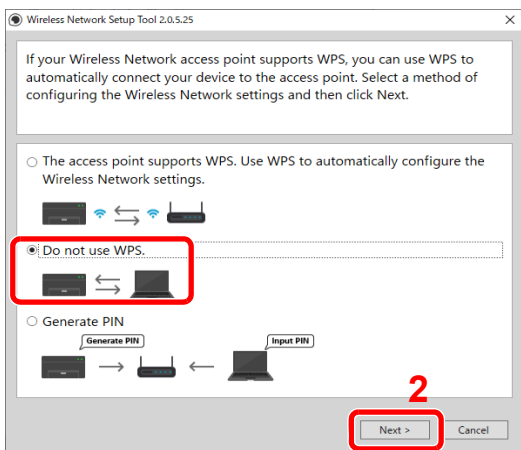
Click Start button on the Windows > **Kyocera** > **KYOCERA Client Tool**.



- 4 Click the **Wireless Network settings** tab > **Wireless Network Setup Tool**.

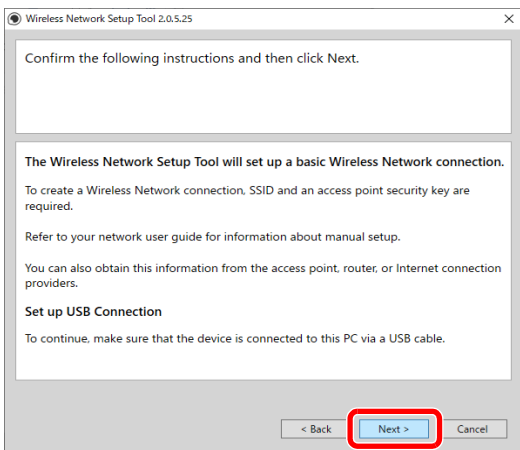


- 5 Click **Do not use WPS.** > **Next >**.

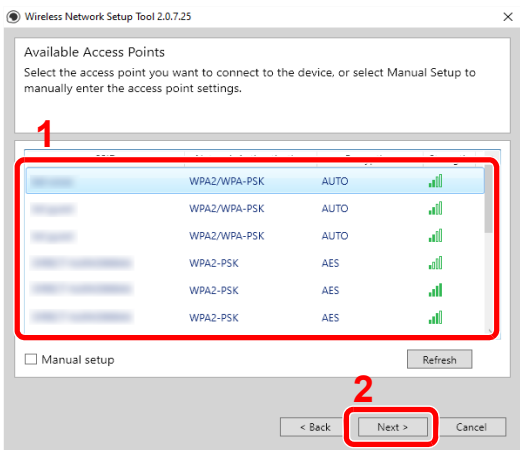




**6** Click **Next >**.

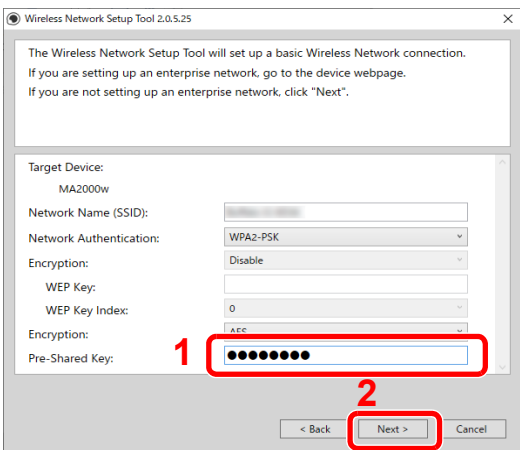


**7** Select an access point you want to connect the device, and then click **Next >**.

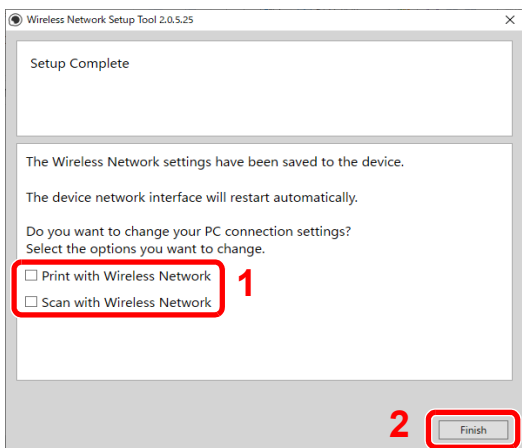


**Note** To manually enter the access point settings, select **Manual Setup**.

**8** Enter the pre-shared key, and then click **Next >**.



- 9 Select the check boxes of functions you want to use with Wireless Network connection, and click **Finish**. The network between this machine and the computer is configured.



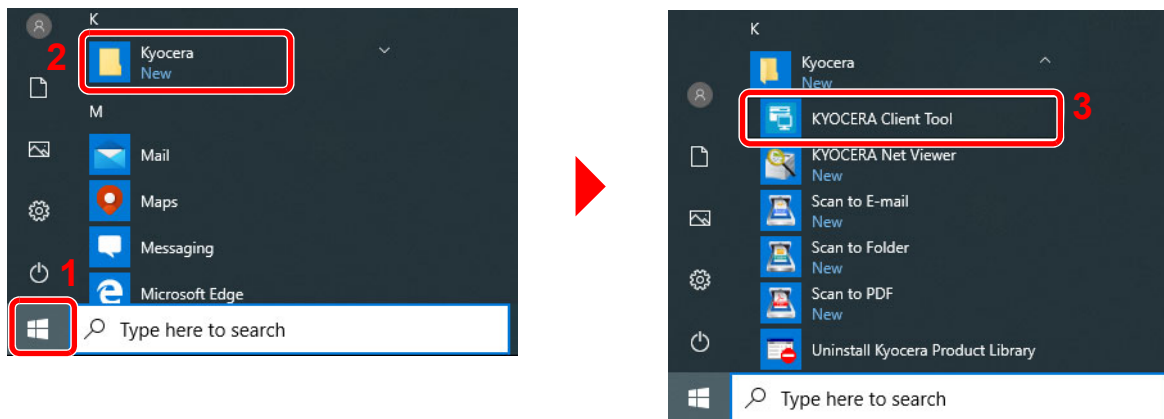
**Note** Even if show “Setup Complete”, if you have the problems communicating with the access point, please check that access point information you set is correct. To reconfigure the settings, uninstall the drivers and utilities, and reinstall them again.

### Configuring Network Connection by Entering a PIN

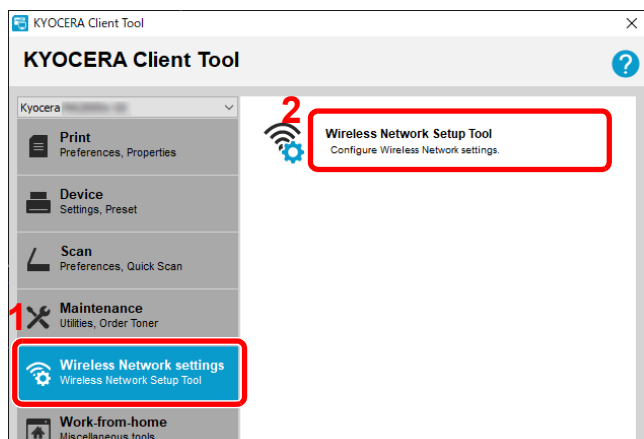
You can configure the network by entering a PIN generated by this machine into the router page.

- 1 Connect the machine with a computer via USB cable when the machine is powered on.
- 2 Turn on the computer.
- 3 Open the KYOCERA Client Tool.

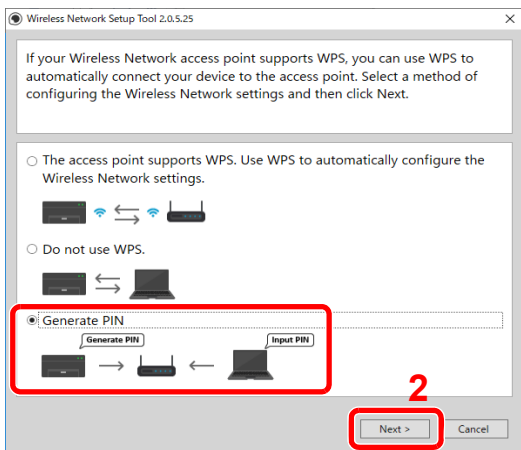
Click Start button on the Windows > **Kyocera** > **KYOCERA Client Tool**.



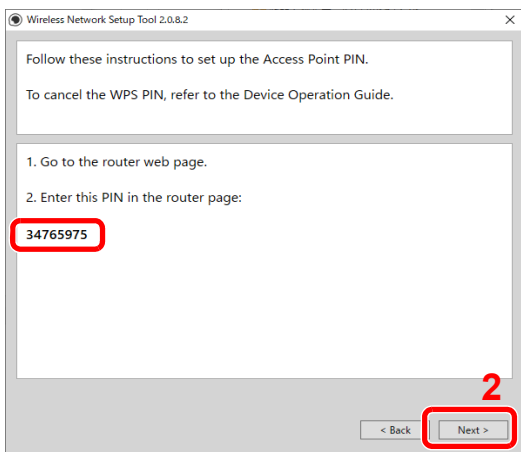
- 4 Click the **Wireless Network settings** tab > **Wireless Network Setup Tool**.



5 Click **Generate PIN** > **Next** >.



6 Check the PIN, and then click **Next** >.



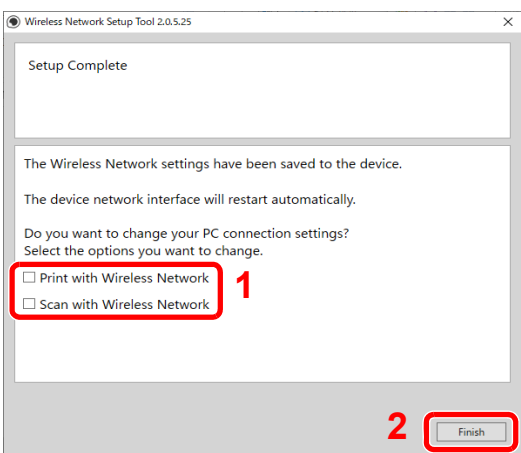
7 Enter the PIN checked in step 6 into the access point.


The network between this machine and the computer is configured.

For entering the PIN, refer to the Device Operation Guide.

8 Select the check boxes of functions you want to use with Wireless Network connection, and click **Finish**.

The network between this machine and the computer is configured.



 **Note** Even if show “Setup Complete”, if you have the problems communicating with the access point, please check that access point information you set is correct. To reconfigure the settings, uninstall the drivers and utilities, and reinstall them again.

## Machine Settings

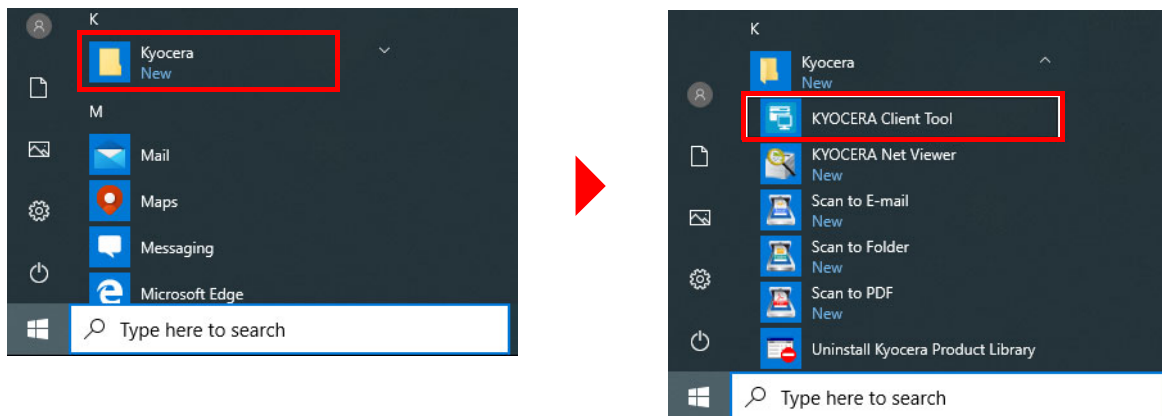
Various machine settings can be configured from a computer using KYOCERA Client Tool. Install KYOCERA Client Tool from the provided *Product Library* disc.



**Note** For the detailed functions of KYOCERA Client Tool, refer to *KYOCERA Client Tool User Guide*.

## Accessing KYOCERA Client Tool

To open the KYOCERA Client Tool, click **Start** button on the Windows > Kyocera > KYOCERA Client Tool.



**Note** KYOCERA Client Tool can also be opened by clicking KYOCERA Client Tool icon on the desktop.



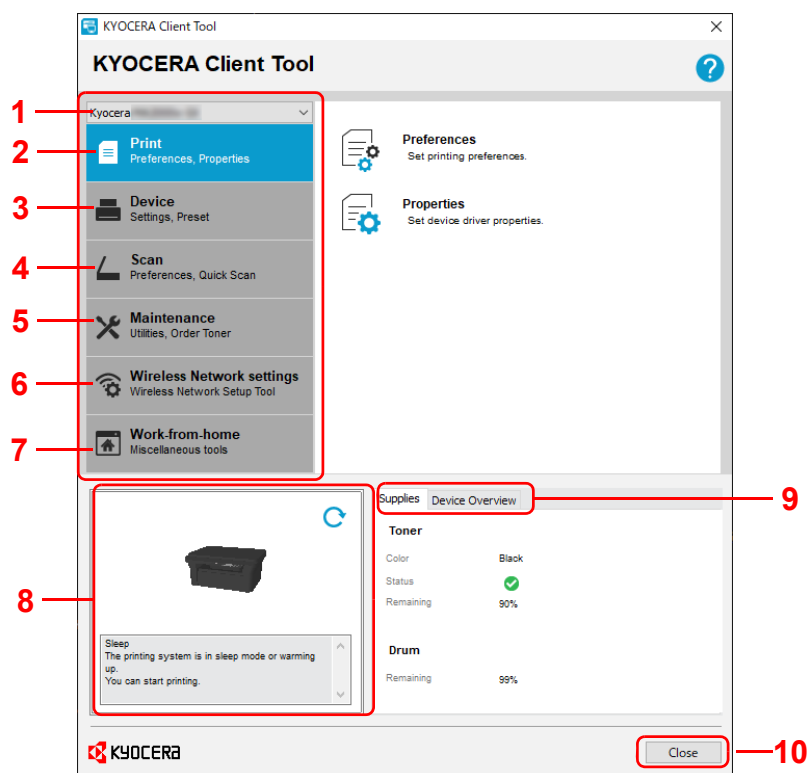
## KYOCERA Client Tool Functions

The functions of KYOCERA Client Tool are described below.


Function	Description	Reference Page
KYOCERA Client Tool	KYOCERA Client Tool gives you quick access to common machine features and settings, plus the current status of all supported machines. You can also use KYOCERA Client Tool to order toner, download printer drivers, access KYOCERA Net Viewer, open the company website and view machine documentation.	3-37
KYOCERA Client Tool > Status Monitor	Lets you view the status of the machine on your desktop.	3-41
KYOCERA Client Tool > Preset Tool	Registers the Copy and Scan programs.	3-43
KYOCERA Client Tool > Configuration	Allows user to configure machine settings, including energy saving and paper settings. Messages shown in the Status Monitor are also configured here.	3-51
KYOCERA Client Tool > Maintenance Menu	For machine maintenance. Use when print quality deteriorates or to adjust the print or scan position. You can also check corrective actions in case of troubles.	8-15 9-6
KYOCERA Client Tool > Work-from-home	Lets you use the tools useful for work-from-home.	3-41

## KYOCERA Client Tool Settings

### General

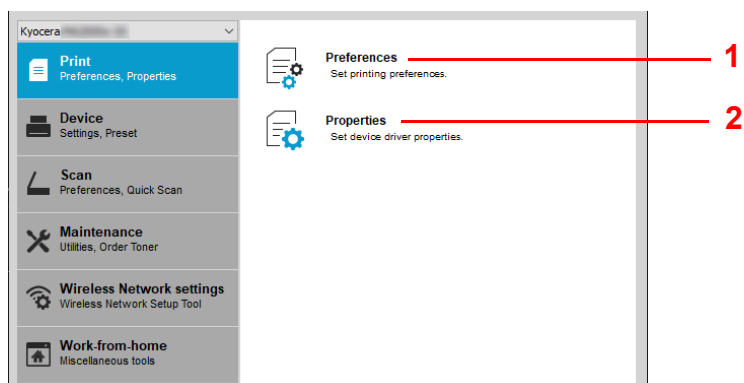


No.	Item	Description	Reference Page
1	Machine list	The list at the top of KYOCERA Client Tool screen includes all of the supported machines installed on your computer. You can select a machine from this list to view its properties and select available options, such as configuration, maintenance, and driver download.	—
2	<b>Print</b>	The <b>Print</b> tab gives you access to printing preferences and machine driver properties. Click <b>Preferences</b> or <b>Properties</b> to open the settings.	3-38
3	<b>Device</b>	The <b>Device</b> tab lets you configure a machine, view documentation, restart a machine and restore factory default settings. Click <b>Configuration</b> to display the Configuration screen. This lets you configure various machine settings. Refer to <i>Configuration</i> on page 3-51.	3-39
4	<b>Scan</b>	The <b>Scan</b> tab lets you configure TWAIN and Quick Scan settings. Scan to PDF, Scan to Email and Scan to Folder can also be executed from this tab.	3-39
5	<b>Maintenance</b>	The <b>Maintenance</b> tab lets you open KYOCERA Net Viewer*, order replacement toner, view our web site, check corrective actions in case of errors, and download software. Click <b>Maintenance Menu</b> to display the Maintenance Menu screen. This lets you perform machine maintenance. Refer to <i>Maintenance Menu</i> on page 8-15.	3-40
6	<b>Wireless Network Settings (MA2001w/MA2000w only)</b>	The <b>Wireless Network Settings</b> tab lets you configure the Wireless Network settings. Click <b>Wireless Network Setup Tool</b> to start the Wireless Network Setup Tool. This tab will not be displayed once the Wireless Network connection settings are complete.	3-40

No.	Item	Description	Reference Page
7	<b>Work-from-home</b>	The Work-from-home tab lets you use the tools useful for work-from-home. Counter, Remote FAX, Data Masking and Log Settings functions are available.	3-41
8	Machine status	This shows a 3D image of the selected machine and its current status. Click  ( <b>Refresh</b> ) to refresh the machine status. You can also click on the 3D image when you are experiencing the following error to open the troubleshooting page on our website. <ul style="list-style-type: none"> <li>• Paper jam</li> <li>• Replace toner</li> <li>• Replace drum</li> </ul>	—
9	<b>Supplies</b>	The <b>Supplies</b> tab shows the toner status.	—
	<b>Device Overview</b>	The <b>Device Overview</b> tab shows the machine settings.	—
10	<b>Close</b>	Clicking <b>Close</b> exits KYOCERA Client Tool.	—

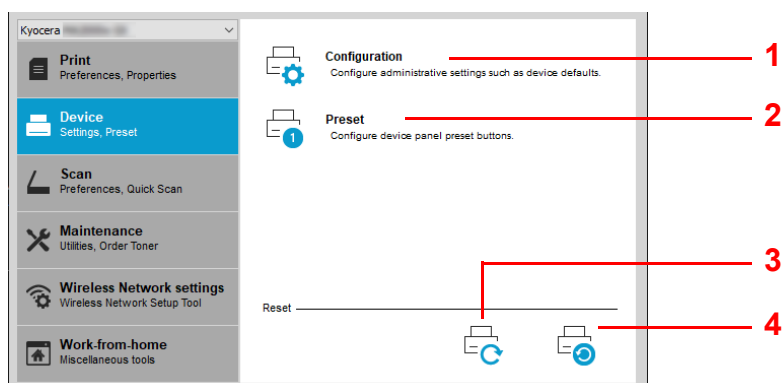
\* To display KYOCERA Net Viewer, KYOCERA Net Viewer must be installed.

## Print Tab



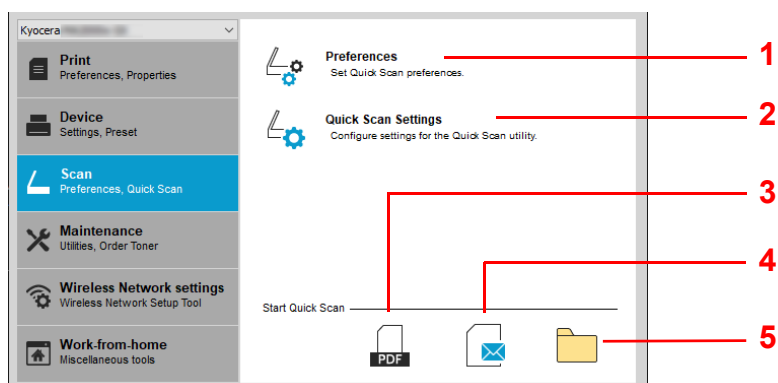
No.	Item	Description
1	<b>Preferences</b>	Opens the <b>Printing Preferences</b> screen for the selected machine.
2	<b>Properties</b>	Opens the <b>Properties</b> screen for the selected machine.

## Device Tab



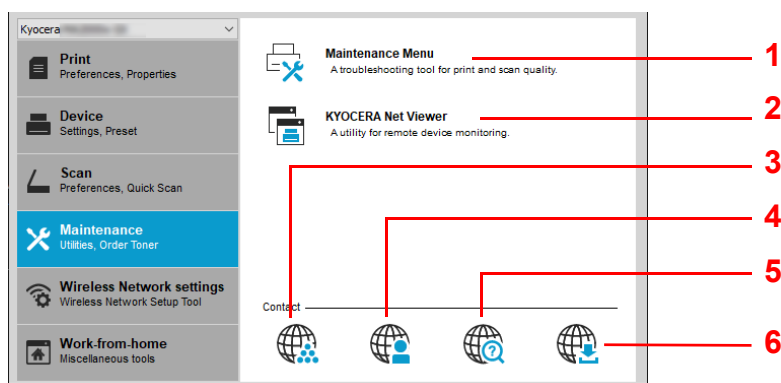
No.	Item	Description	Reference Page
1	<b>Configuration</b>	Opens the <b>Configuration</b> screen for the selected machine.	3-51
2	<b>Preset</b>	Opens the <b>Preset Tool</b> screen for the selected machine.	3-43
3	<b>Device restart</b>	Click the <b>Device restart</b> icon to restart the machine. Click <b>Yes</b> to confirm. You must be logged in with administrator privileges on your PC.	—
4	<b>Factory default</b>	Click the <b>Factory default</b> icon to return all of the machine properties of the selected model to its default settings. Click <b>OK</b> to confirm. You must be logged in with administrator privileges on your PC.	—

## Scan Tab



No.	Item	Description	Reference Page
1	<b>Preferences</b>	Opens <b>TWAIN</b> screen. Set the default value for the TWAIN scan.	3-49
2	<b>Quick Scan Settings</b>	Opens <b>Quick Scan</b> screen.	3-49
3	<b>Scan to PDF</b>	Saves the scanned image in PDF format.	6-3
4	<b>Scan to Email</b>	Attaches the scanned image to a new E-mail message.	6-3
5	<b>Scan to Folder</b>	Saves the scanned image to a specified folder.	6-3

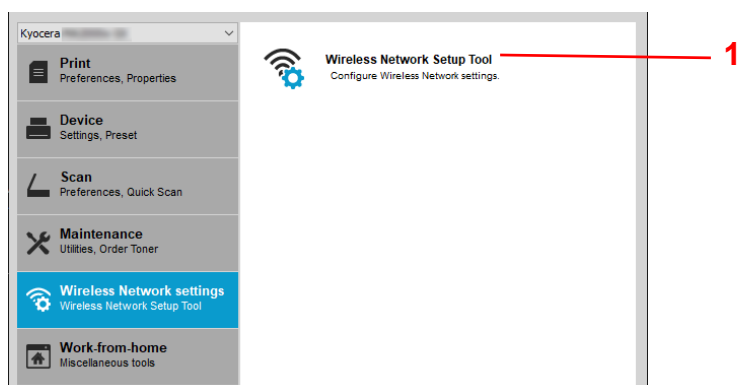
## Maintenance Tab



No.	Item	Description	Reference Page
1	<b>Maintenance Menu</b>	Opens <b>Maintenance Menu</b> screen.	8-15
2	<b>KYOCERA Net Viewer</b>	Opens KYOCERA Net Viewer.*	<i>KYOCERA Net Viewer User Guide</i>
3	<b>Order Toner</b>	You can order replacement toner by e-mail or on the web. Click the <b>Order Toner</b> icon for these options: <ul style="list-style-type: none"> <li>Send e-mail Use the default e-mail address or type another e-mail address and then click <b>OK</b> to open your default e-mail program.</li> <li>Open Web page Use the default web address or type another web address and then click <b>OK</b> to open the web page in your default web browser.</li> </ul>	—
4	<b>Kyocera Online</b>	Opens our website.	—
5	<b>Troubleshooting</b>	Opens the troubleshooting on our website.	9-6
6	<b>Driver Download</b>	Click to open the download page of our website. You can download software and find an authorized dealer.	—

\* To display **KYOCERA Net Viewer**, KYOCERA Net Viewer must be installed.

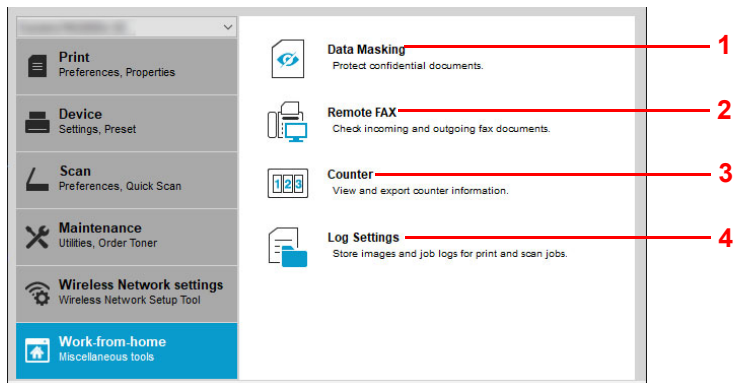
## Wireless Network Tab (MA2001w//MA2000w only)



No.	Item	Description	Reference Page
1	<b>Wireless Network Setup Tool</b>	Run the <b>Wireless Network Setup Tool</b> .	3-31



### Work-from-home Tab



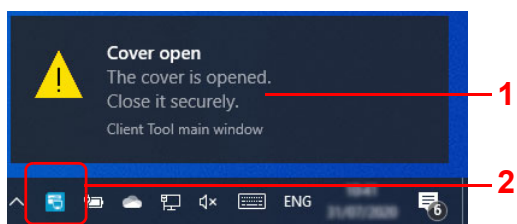
No.	Item	Description	Reference Page
1	Data Masking	Prints a specific pattern of image on a classified document to be discarded so that its contents cannot be read.	7-1
2	Remote FAX	You can check fax received by your company, and send fax to your company.	7-2
3	Counter	You can check the print count and number of scanned original pages. In addition, you can output them as data.	7-14
4	Log Settings	Store images and job logs for print and scan jobs. Stored logs are used for tracking printed and scanned documents.	7-15

### Status Monitor

When KYOCERA Client Tool is installed, you can check the machine status in the Status Monitor icon. The Status Monitor icon displays machine status messages in the lower right corner of the screen.

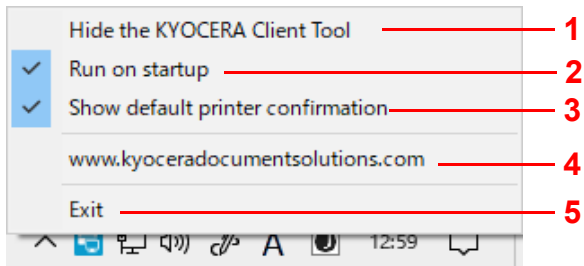
### Screen Overview

The screen overview of the Status Monitor icon is as follows.



No.	Item	Description
1	Pop-up window	If an information notification event occurs, a pop-up window appears. Information notification events can be set in the Configuration. Refer to <i>Configuration</i> on page 3-51.
2	Status Monitor icon	The Status Monitor icon is displayed in the taskbar notification area when the Status Monitor is running.

When the Status Monitor icon is active, you can select KYOCERA Client Tool options by right-clicking the icon in the system tray.



No.	Item	Description
1	<b>Show/Hide the KYOCERA Client Tool</b>	Switches between hiding and showing KYOCERA Client Tool screen.
2	<b>Run on startup</b>	If you select this option, the Client Tool will start automatically.
3	<b>Show default printer confirmation</b>	<p>If you select this option, when KYOCERA Client Tool is started, a confirmation screen for the default device will be displayed.</p> <p><b>Devices and Printers:</b> Opens Devices and Printers of Windows.</p> <p><b>Close:</b> Closes the pop-up screen.</p> <p><b>Do not show this message again. :</b> If you select this option, this pop-up screen will not appear from the next time.</p>
4	(URL)	Opens our website.
5	<b>Exit</b>	Closes KYOCERA Client Tool and removes the Status Monitor icon from the system tray.

## Default and Program Settings

This section explains about the Copy, and Scan default settings and programs. For settings that are frequently changed from the default settings, it is convenient to register a program.

### Default Settings

This section explains the default settings for each function.

Functions	Description
<b>Copy</b>	The default settings for Copy are changed with the Configuration. For details, refer to <i>Configuration</i> on page 3-51.
<b>Push Scan</b>	It is not possible to change the default settings for Push Scan. The Program is used to change the settings. Refer to <i>Program Settings</i> on page 3-43.

### Program Settings

If you have settings that are frequently changed from the default settings, register the settings in a program. You can simply select the program number as needed to recall those functions.

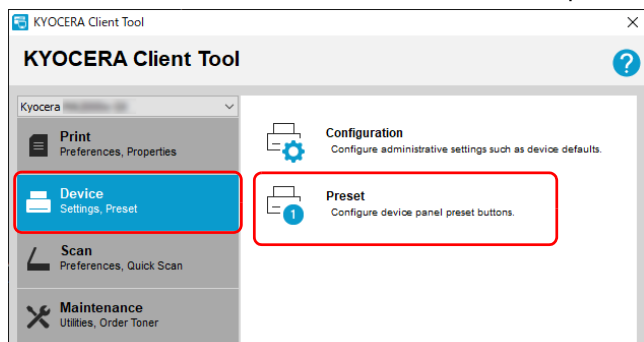
Programs can be registered from a computer using Preset Tool. The Preset Tool is a function of KYOCERA Client Tool. Three programs can be registered per function.

This section explains how to register a program. To use a registered program, refer to the pages of each function.

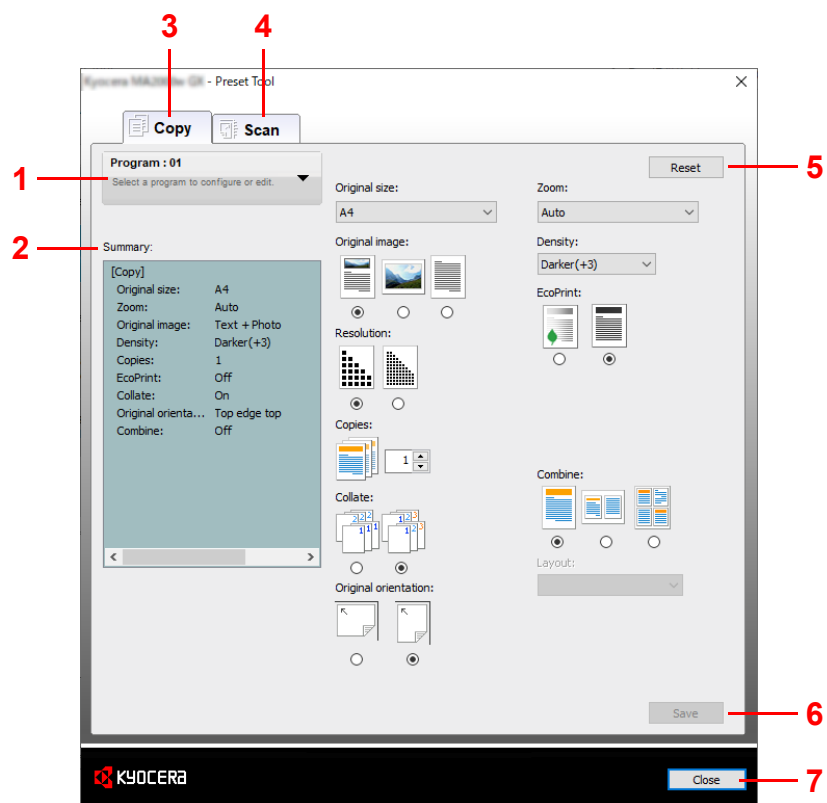
- Copy: *Basic Operation* on page 4-1
- Scan: *Push Scan* on page 6-1

### Accessing the Preset Tool

- 1 Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click **Preset** on the **Device** tab. The Preset Tool opens.

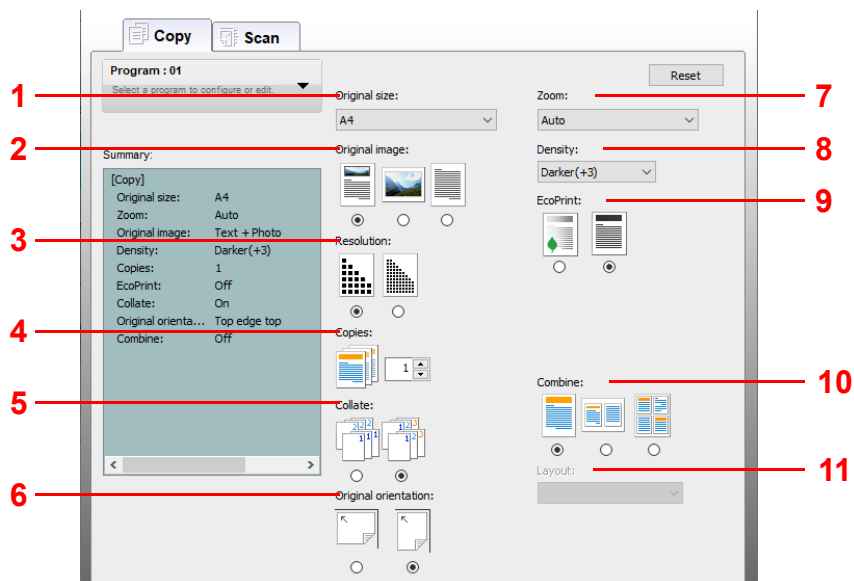











## General

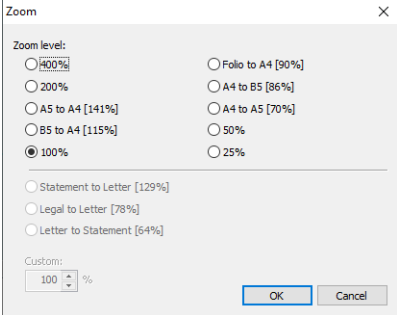
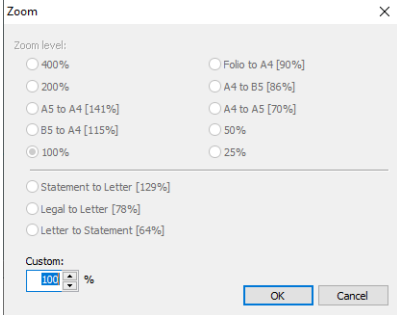







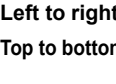
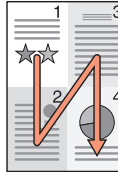
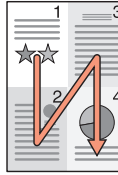

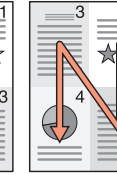


No.	Item	Description	Reference Page
1	Program number	Select the program number (1 to 3) to be registered. When a program number is selected, the settings registered in that number appear in the right-hand screen.	—
2	Summary	Shows a list of the settings of the selected program.	—
3	Copy	Set programs for the Copy function.	3-45
4	Scan	Set programs for the Scan function.	3-47
5	Reset	Reset the program to default values.	—
6	Save	Save your settings.	—
7	Close	Close the Preset Tool.	—

Copy Tab

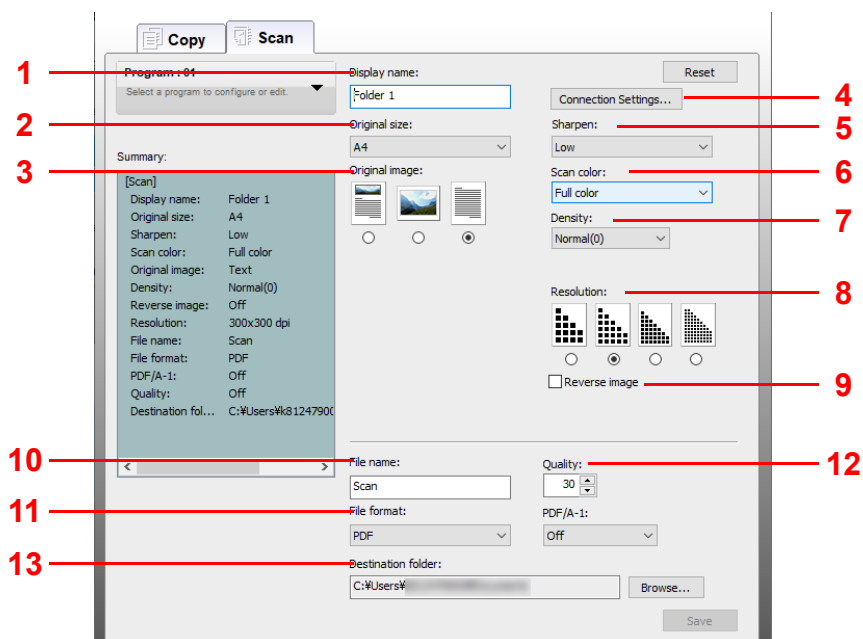





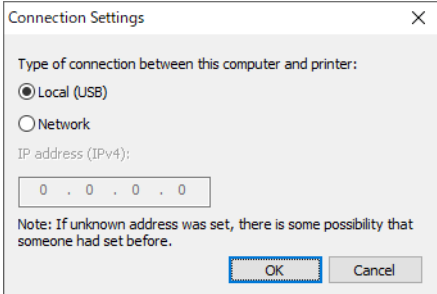
No.	Item	Description
1	Original size	Specify the size of originals being scanned. Value: <b>Letter, A4, A5, A6, B5 (JIS), B5 (ISO), Custom, 16K, Statement, A5-R (A5 Landscape)</b> <b>Note</b> Refer to <i>Configuration</i> on page 3-51 for selecting <b>Custom</b> .
2	Original image	Select image quality suited to the type of original. Value:    <b>Text + Photo Photo Text</b>
3	Resolution	The resolution is selected when <b>Text + Photo</b> is selected in <b>Original image</b> . Select <b>600 dpi</b> when you want good reproduction of fine text and lines in originals which contain a mixture of text and photos. Value:   <b>300 dpi 600 dpi</b> <b>Note</b> The <b>Photo</b> and <b>Text</b> selections in <b>Original image</b> are fixed at <b>300 dpi</b> .
4	Copies*	Set the default value for the number of copies. Value: <b>1 to 99</b>
5	Collate	Scan multiple originals and deliver complete sets of copies as required according to page number. Value:   <b>Off On</b>
6	Original orientation	Select the orientation of the original document top edge to scan correct direction. Value:   <b>Top Edge Left Top Edge Top</b>





No.	Item	Description
7	Zoom	<p>Adjust the magnification to reduce or enlarge the original image.                      Value: <b>100%, Auto, Custom, Fixed</b>                      When <b>Custom</b> or <b>Fixed</b> is selected, the <b>Zoom</b> screen is displayed.</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p><b>Zoom level (Fixed)</b> Adjusts the image to match present sizes.</p> </div> <div style="text-align: center;">  <p><b>Custom*</b> Specify the image size in 1% increment between 25% - 400% of the original.</p> </div> </div>
8	Density	<p>Adjust density using 7 levels.                      Value: <b>Lighter (-3), Lighter (-2), Lighter (-1), Normal (0), Darker (+1), Darker (+2), Darker (+3)</b></p>
9	EcoPrint	<p>In case of using the EcoPrint function, the machine operating sound and the power consumption can be reduced. However, the printing speed will be slower and the image quality will be thinner.                      Value:  <b>On</b>       <b>Off</b></p>
10	Combine	<p>Combine 2 or 4 original sheets into 1 copied page.                      Value:  <b>Off</b>       <b>2in1</b>       <b>4in1</b></p>
11	Layout	<p>You can select the page layout.                      Value: <b>2in1</b>      <b>4in1</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p><b>Left to right</b></p> </div> <div style="text-align: center;">  <p><b>Right to left</b></p> </div> <div style="text-align: center;">  <p><b>Top to bottom</b></p> </div> <div style="text-align: center;">  <p><b>Right then down</b></p> </div> <div style="text-align: center;">  <p><b>Down then right</b></p> </div> <div style="text-align: center;">  <p><b>Left then down</b></p> </div> <div style="text-align: center;">  <p><b>Down then left</b></p> </div> </div>

\* Non-numeric characters cannot be entered. If entered number is beyond range, the max/min value will be restored.

## Scan Tab



No.	Item	Description
1	<b>Name</b>	Set a name for the Program. Up to 18 characters can be entered.
2	<b>Original size</b>	Specify the size of originals being scanned. Value: <b>Letter, A4, A5, A6, B5 (JIS), B5 (ISO), Custom, 16K, Statement, A5-R (A5 (Landscape))</b> <b>Note</b> Refer to <i>Configuration</i> on page 3-51 for selecting <b>Custom</b> .
3	<b>Original image</b>	Select image quality suited to the type of original. Value:    <b>Text + Photo Photo Text</b>
4	<b>Connection Settings</b>	Select the type of connection between this computer and printer. If you select <b>Network</b> , you can set the IP address. 
5	<b>Sharpen</b>	Adjust the sharpness of the image. Value: <b>None, Low, Medium, High, Descreen</b> (Blurs the outlines and reduces the sharpness.)
6	<b>Scan color</b>	Select the color mode setting. Value: <b>Monochrome, Grayscale, Full color</b>
7	<b>Density</b>	Select the density. Value: <b>Lighter (-3), Lighter (-2), Lighter (-1), Normal (0), Darker (+1), Darker (+2), Darker (+3)</b>

No.	Item	Description
8	<b>Resolution</b>	Select fineness of scanning resolution. Value:     200×200 dpi    300×300 dpi    400×400 dpi    600×600 dpi
9	<b>Reverse image</b>	When this is selected, the image color reverses.
10	<b>File name</b>	Assign a document name to scanned images. When there are multiple pages, a three-digit incrementing number such as Scan_001, Scan_002... is appended to the end of the file name. Up to 16 characters can be entered.
11	<b>File format</b>	Specify the image file format. Value: <b>BMP, JPEG, PNG, TIFF, PDF, High Compression PDF</b>
12	<b>Quality</b>	Set the quality if file format is JPEG, TIFF and PDF. Value: <b>1 to 100</b> <b>Note</b> Non-numeric characters cannot be entered. If entered number is beyond range, the max/min value will be restored.
13	<b>Destination folder</b>	Enter the path of the folder where the scanned image will be saved. Either C:\Users<User >\Documents is set as the default. Enter the path of the folder where the scanned image will be saved. To select the folder, click <b>Browse</b> to open <b>Browse for Folder</b> .

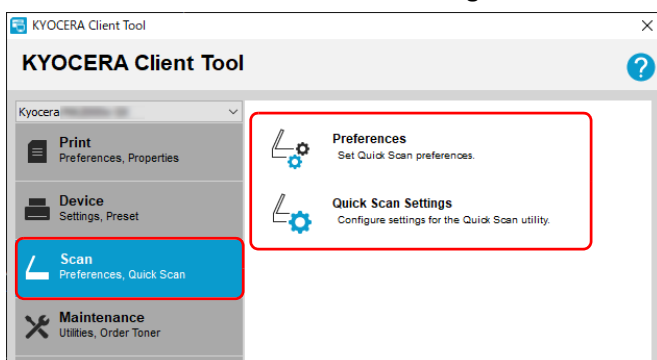


## Quick Scan/TWAIN Settings

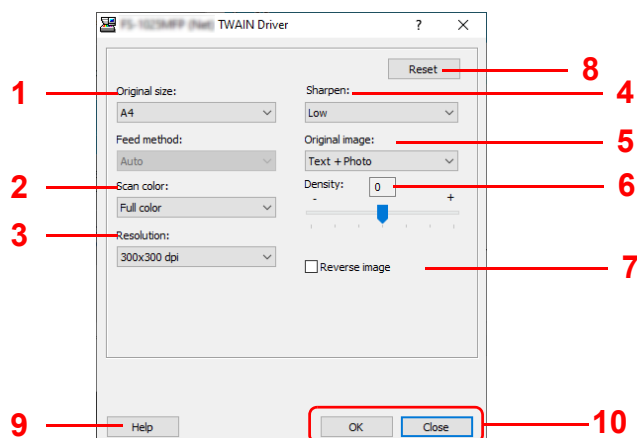
Settings required for scanning on the machine are explained below. The settings specified here will be the default settings for scanning.

Item	Description
<b>Preferences</b>	Change the TWAIN scan settings. This setting is effective for Quick Scan only.
<b>Quick Scan Settings</b>	Change the settings for Scan to PDF, Scan to Email and Scan to Folder.

- 1 Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click **Preferences** or **Quick Scan Settings** on the **Scan** tab.



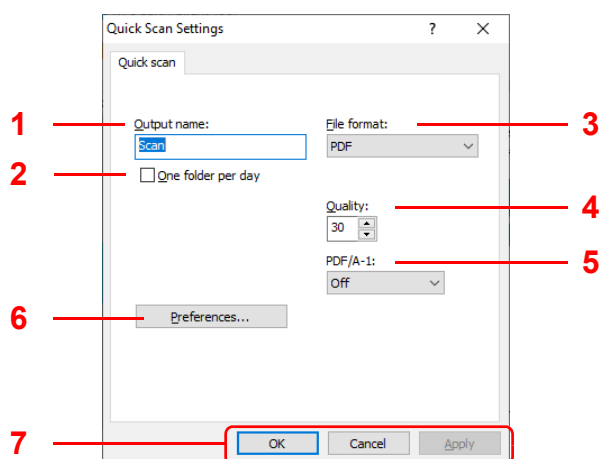
## TWAIN Settings



No.	Item	Description
1	<b>Original size</b>	Specify the size of originals being scanned. Value: <b>Letter, Statement, Executive, A4, A5, A6, B5 (JIS), B5 (ISO), 16K, Custom, A5-R (A5 (Landscape))</b> <b>Note</b> Refer to <i>Configuration</i> on page 3-51 for selecting <b>Custom</b> .
2	<b>Scan color</b>	Select the color mode setting. Value: <b>Monochrome, Grayscale, Full color</b>
3	<b>Resolution</b>	Select fineness of scanning resolution. Value: <b>200 × 200 dpi, 300 × 300 dpi, 400 × 400 dpi, 600 × 600 dpi</b>
4	<b>Sharpen</b>	Adjust the sharpness of the image. Value: <b>None, Low, Medium, High, Descreen</b> (Blurs the outlines and reduces the sharpness.)
5	<b>Original image</b>	Select original image type for best results. Value: <b>Text, Photo, Text+Photo</b>

No.	Item	Description
6	<b>Destiny</b>	Select the density. Value: <b>-3</b> (Lighter) to <b>3</b> (Darker)
7	<b>Reverse image</b>	When this is selected, the image color reverses.
8	<b>Reset</b>	Reset the settings to the previous settings.
9	<b>Help</b>	Displays the Help screen.
10	<b>OK/Close</b>	Clicking <b>OK</b> exits the TWAIN Settings after applying the modified scan settings. Clicking <b>Close</b> exits the TWAIN Settings without applying the modified scan settings.

### Quick Scan Settings



No.	Item	Description
1	<b>Output name</b>	Assign a document name to scanned images. When multiple images are saved in the same folder, a three-digit incrementing number such as Scan_001, Scan_002... is appended to the end of the file name. Up to 16 characters can be entered.
2	<b>One folder per day</b>	One folder per day If this setting is ON, a folder will be created for all scan output on a specific day. Folder will be named as the date set by the user in the format of the current locale. Date is based on PC time zone setting. Note that this setting affects "Scan to Folder" only.
3	<b>File format</b>	Specify the image file format. Value: <b>BMP, JPEG, PNG, TIFF, PDF, High Compression PDF</b> <b>Note</b> In Scan to PDF, all images are saved in PDF format.
4	<b>Quality</b>	Set the image quality if <b>File format</b> is <b>JPEG, TIFF</b> and <b>PDF</b> . The higher quality becomes the lower compression. Value: <b>1 to 100</b> <b>Note</b> Non-numeric characters cannot be entered. If entered number is beyond range, the max/min value will be restored.
5	<b>PDF/A-1</b>	Sets if PDF/A-1 standard is to be used or what level of standard, if the format is PDF. Value: <b>Off, PDF/A-1a, PDF/A-1b</b>
6	<b>Preferences</b>	Displays the TWAIN settings screen. For detail, refer to <i>TWAIN Settings</i> on page 3-49.
7	<b>OK/Cancel/Apply</b>	Clicking <b>OK</b> exits the Quick Scan Settings after applying the modified scan settings. Clicking <b>Cancel</b> exits the Quick Scan Settings without applying the modified scan settings. Clicking <b>Apply</b> applies the modified scan settings without exiting the Quick Scan Settings.

## Configuration

The Configuration is a function of KYOCERA Client Tool. The default settings of the machine can be changed and the messages that appear in the Status Monitor can be set.

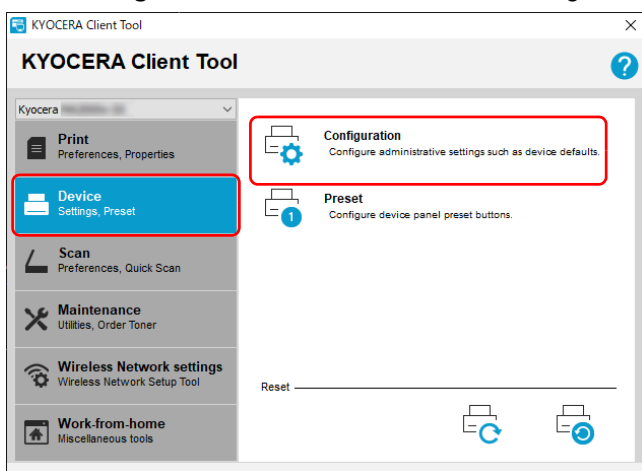


**Note** For the detailed functions of the Configuration, refer to *KYOCERA Client Tool User Guide*.

## Accessing the Configuration

Follow these steps to display the Configuration on the desktop.

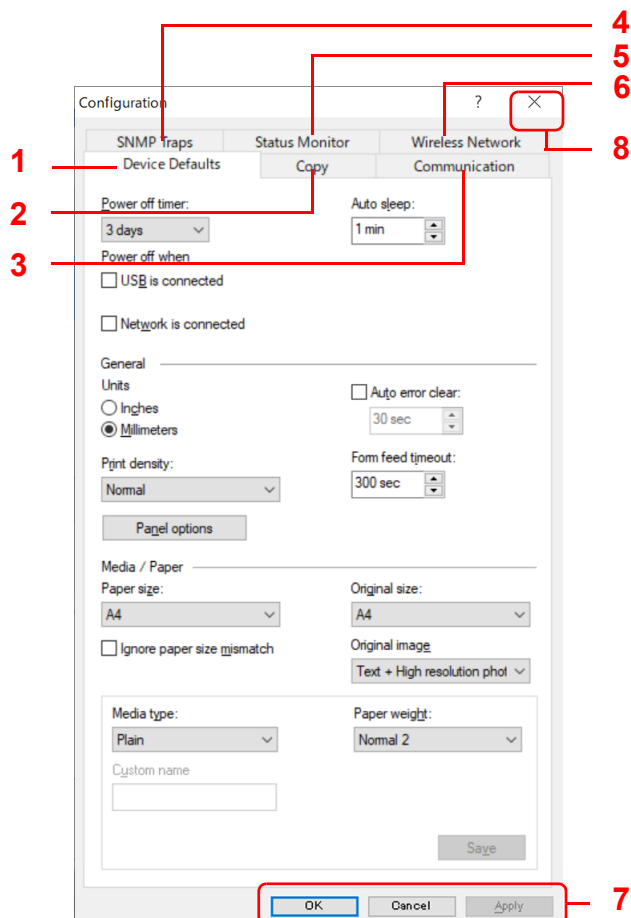
- 1 Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click **Configuration** on the **Device** tab. The Configuration opens.



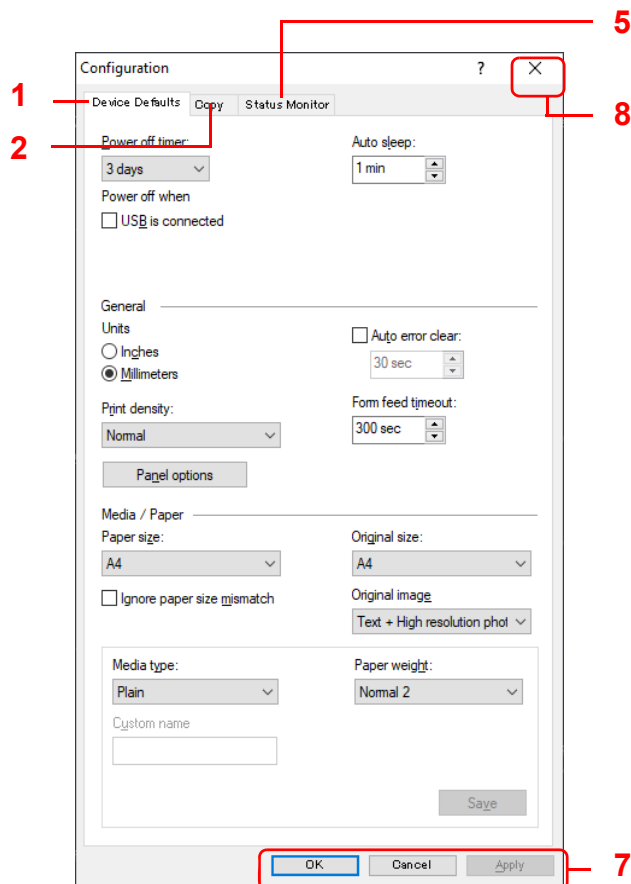
## Configuration Screen

### General

#### MA2001w/MA2000w

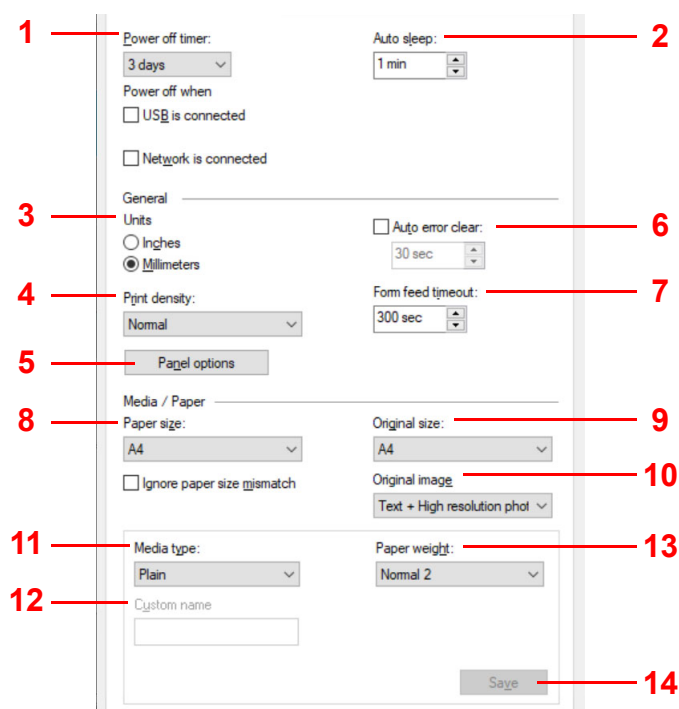


#### MA2001/MA2000



No.	Item	Description	Reference Page
1	<b>Device Defaults</b>	Configure overall machine operation.	3-53
2	<b>Copy</b>	Configure settings for copying functions.	3-55
3	<b>Communication</b>	Configure settings for Communication.	3-56
4	<b>SNMP Traps</b>	Configure settings for SNMP Traps.	3-57
5	<b>Status Monitor</b>	Configure settings for the Status Monitor.	3-58
6	<b>Wireless Network</b>	Configure settings for Wireless Network.	3-59
7	<b>OK/Cancel/Apply</b>	Clicking <b>OK</b> exits the Configuration after applying the modified machine settings. Clicking <b>Cancel</b> exits the Configuration without applying the modified machine settings. Clicking <b>Apply</b> applies the modified machine settings without exiting the Configuration.	—
8	—	Close the Configuration.	—

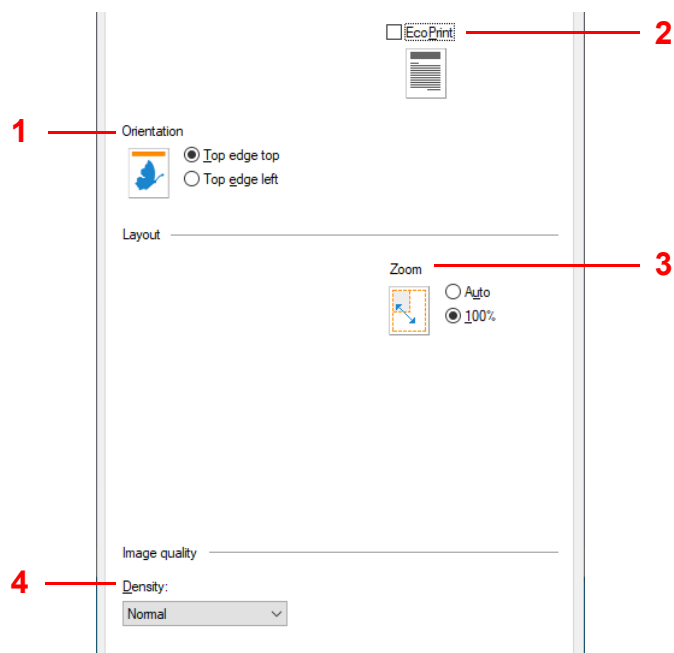
## Device Defaults Tab







No.	Item	Description
1	<b>Power off timer</b>	Select the length of time before the machine shuts off automatically when not in use. The default preset time is <b>3 days</b> . Value: <b>1 to 6 hours, 9 hours, 12 hours, 1 day to 1 week</b> <ul style="list-style-type: none"> <li><b>USB is connected:</b> Selects whether or not to turn the power off automatically when a USB is connected.</li> <li><b>Network is connected:</b> Selects whether or not to turn the power off automatically when a Network is connected.</li> </ul>
2	<b>Auto sleep</b>	Set the sleep timer for the machine to go into sleep mode when not in use. The default preset time is 1 minute. Value: <b>1 to 60 minutes</b> (1 minute increments)
3	<b>Units</b>	Select <b>Inches</b> or <b>Millimeters</b> for the unit for paper dimensions.
4	<b>Print density</b>	Adjust density using 5 levels. Value: <b>Light, Medium light, Normal, Medium dark, Dark</b>
5	<b>Panel options</b>	Opens <b>Panel options</b> screen. <div data-bbox="502 1579 778 1796" data-label="Image"> </div> <ul style="list-style-type: none"> <li><b>Default screen:</b> Select the screen appearing right after start-up (default screen). <b>Note</b> To enable the change immediately, turn the machine OFF and then ON. Otherwise wait until the machine once enters the sleep and then resumes.</li> <li><b>Reset panel:</b> If no jobs are run for a certain period of time, automatically reset settings and return to the default setting. If you select On for <b>Reset panel</b>, set the amount of time to wait before Reset panel.</li> </ul>
6	<b>Auto error clear</b>	Enable auto error clear. If an error occurs during processing, processing stops to wait for the next step to be taken by the user. In the auto error clear mode, automatically clear the error after a set amount of time elapses. If you select On for auto error clear, set the amount of time to wait before automatically clearing errors. Value: <b>5 to 495 seconds</b> (every 5 seconds)

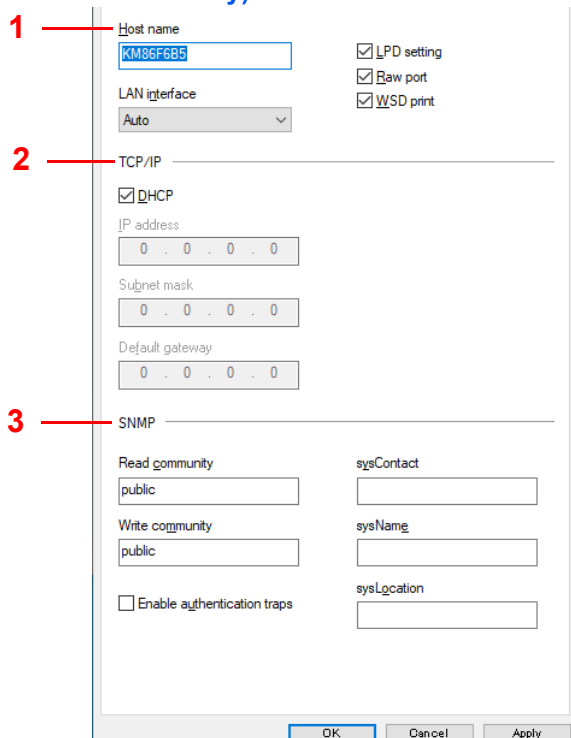
No.	Item	Description
7	<b>Form feed timeout</b>	<p>When receiving print data from the computer, the machine may sometimes wait if there is no information signaling that the last page does not have any more data to be printed. When the preset timeout passes, the machine automatically prints the documents. The options are between 5 and 495 seconds.</p> <p>Value: <b>5 to 495</b> seconds (every 5 seconds)</p>
8	<b>Paper size</b>	<p>Set the default paper size to load in the cassette.</p> <p>Value: <b>Letter, Legal, Executive, A4, A5, Folio, B5 (JIS), B5 (ISO), Envelope C5, Oficio II, 216 × 340 mm, 16K, A5-R (A5 (Landscape)), Custom size</b></p> <p>When a <b>Custom size</b> is selected, the <b>Custom Paper size</b> screen appears.</p> <div data-bbox="515 600 778 801" style="border: 1px solid gray; padding: 5px; width: fit-content;"> </div> <p>Type or select values for <b>Width</b> and <b>Length</b>. If the <b>Width</b> or <b>Length</b> value exceeds the allowable limit, it automatically adjusts to the limit after <b>OK</b> is clicked.</p>
9	<b>Original size</b>	<p>Set the default original size to be scanned.</p> <p>Value: <b>Letter, Statement, A4, A5, A6, B5 (JIS), B5 (ISO), 16K, A5-R (A5 (Landscape)), Custom size</b></p> <p>When a <b>Custom size</b> is selected, the <b>Custom Original size</b> screen appears.</p> <div data-bbox="515 974 778 1176" style="border: 1px solid gray; padding: 5px; width: fit-content;"> </div> <p>Type or select values for <b>Width</b> and <b>Length</b>. If the <b>Width</b> or <b>Length</b> value exceeds the allowable limit, it automatically adjusts to the limit after <b>OK</b> is clicked.</p>
10	<b>Original image</b>	<p>Set the default image quality.</p> <p>Value: <b>Text + Photo, Photo, Text, Text + High resolution photo</b></p>
11	<b>Media type</b>	<p>Set the default media type to load in cassette.</p> <p>Value: <b>Plain, Preprinted, Bond, Recycled, Rough, Letterhead, Color, Prepunched, High quality, Custom 1-8 (65 to105 g/m<sup>2</sup>)</b></p> <p>When <b>Custom 1-8</b> is selected, the <b>Custom name</b> appears.</p>
12	<b>Custom name</b>	<p>Change names for <b>Custom 1-8</b>. Selecting media type, the name after change will be displayed.</p>
13	<b>Paper weight</b>	<p>Select weight for each media type. For details, refer to <i>Paper Type</i> on page 3-8.</p> <p>Value: <b>Normal 1, Normal 2, Normal 3</b></p>
14	<b>Save</b>	<p>Save the <b>Paper weight</b> and <b>Custom name</b> settings that are set for <b>Custom 1-8</b>.</p>

## Copy Tab



No.	Item	Description
1	Orientation	Set the original orientation defaults. Value:   Top edge top    Top edge left
2	EcoPrint	Select the EcoPrint default. Value:   OFF                  ON
3	Zoom	Sets Zoom settings to either Value: <b>Auto, 100%</b>
4	Density	Set the default value for the copy density. Value: <b>Lighter (-3), Lighter (-2), Lighter (-1), Normal, Darker (+1), Darker (+2), Darker (+3)</b>

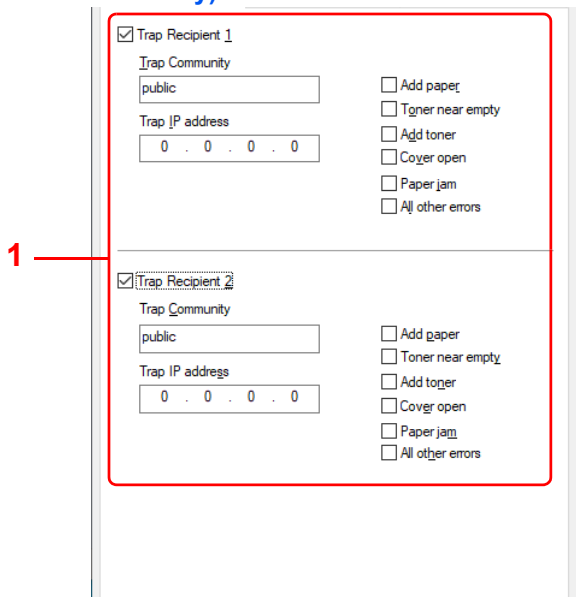
Communication Tab (MA2001w/MA2000w only)



No.	Item	Description
1	Host name	Enter the host name of the machine. MAX characters: 16
2	TCP/IP	Select the check box to enable the DHCP protocol. Enter the <b>IP address</b> , <b>Subnet mask</b> , and <b>Default gateway</b> values.
3	SNMP	Select the check box to enable the SNMP protocol, and then select SNMP protocol options. The SNMP protocol is used for providing and transferring management information within the network environment. <b>Read community</b> and <b>Write community</b> can have up to 16 characters. The default community is public. Type <b>sysContact</b> , <b>sysName</b> , and <b>sysLocation</b> information up to 32 characters. Select <b>Enable authentication</b> to activate machine authentication.

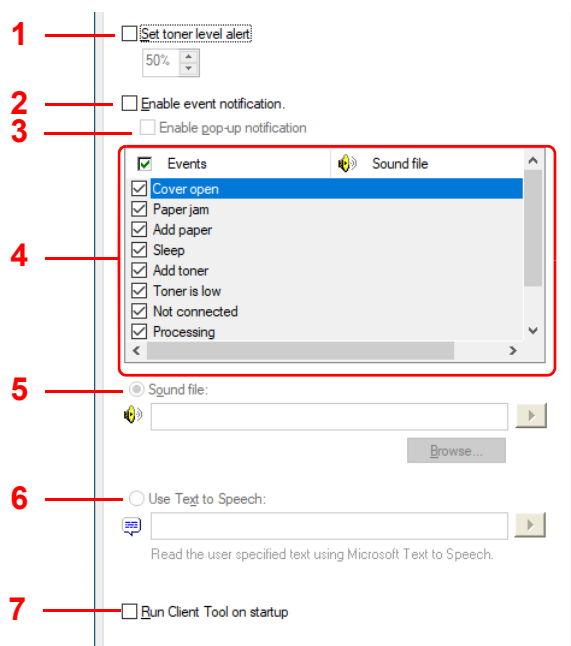


SNMP Traps Tab (MA2001w/OMA2000w only)



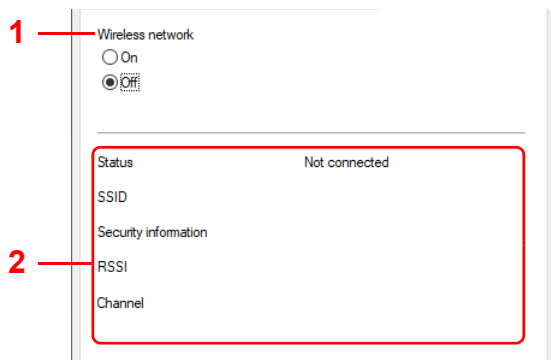
No.	Item	Description
1	Trap Recipient	<p>You can select SNMP trap settings for 1 or 2 IP addresses.</p> <p>Should an error occur, such as <b>Add paper</b>, the machine automatically generates a trap. The trap sends an error message to one or two predetermined trap recipients. The trap server is the SNMP trap packet receiver which runs in the application. The default community is public.</p> <p>For each IP address, select the <b>Trap Recipient</b> check box, type the name of the trap community and IP address, and select from available events.</p>

## Status Monitor Tab



No.	Item	Description
1	<b>Set toner level alert</b>	Select to create an alert when the toner starts running low, and then select a percentage between 0 and 100. If the toner level goes below this percentage, an alert icon is displayed on the <b>Supplies</b> tab at the bottom of KYOCERA Client Tool screen.
2	<b>Enable event notification</b>	Select to activate the notification feature for selected machine events. When selected, notification options are available.
3	<b>Enable pop-up notification</b>	When selected, a pop-up message appears in the lower right corner of the screen for each selected event as it occurs.
4	Events list	Select one or more events for the notification. To select all events, select <b>Events</b> .
5	<b>Sound file</b>	With one or more events selected, select to enable sound notification. Type the location of a sound file (.WAV), or click <b>Browse</b> to find a sound file located on your computer. You can press the arrow button to hear the selected sound.
6	<b>Use Text to Speech</b>	With one or more events selected, select and type your preferred text. The Microsoft Text to Speech utility reads the text and plays it in a spoken voice. You can press the arrow button to hear the selected text.
7	<b>Run Client Tool on startup</b>	Enables run on startup for Client Tool. If this setting is enabled, Client Tool will be launched automatically when the PC boots.

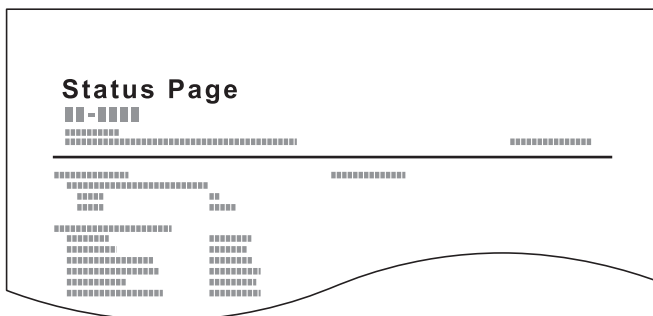
### Wireless Network Tab (MA2001w/MA2000w only)



No.	Item	Description
1	Wireless Network	Enable Wireless Network.
2	-	Display the Wireless Network status.

### Printing Reports

You can print reports to check the machine status, and event log.




A report can be printed by pressing and holding the Mode Select key. A report to be printed can be selected with the pressing length.

Pressing for 3 seconds: Prints the status page.

Pressing for 10 seconds: Prints the network status page. (MA2001w/MA2000w only)

Pressing for 20 seconds: Prints the event log page.

 **Note** Attention Indicator blinks once at each of 3, 10, and 20 seconds after starting pressing the Mode Select key.



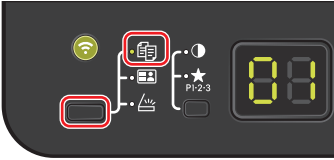


# 4 Copying

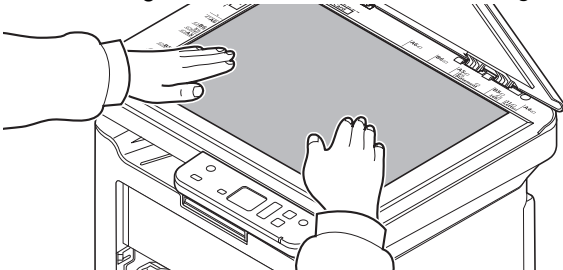
## Basic Operation

Follow the steps as below for basic copying.

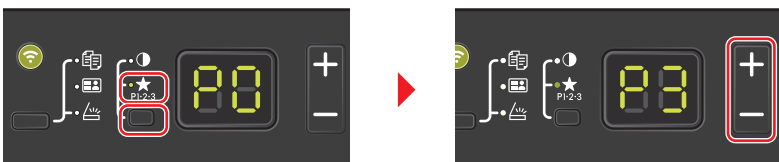
- 1 Configure necessary settings in KYOCERA Client Tool in advance. Refer to *Machine Settings* on page 3-36.
- 2 Press the Function Select key to turn on the Copy Indicators.



- 3 Place the originals. For details, refer to *Loading Originals* on page 3-12.



- 4 To use a program, select the program number (P0 to P3).



Press the Mode Select key to turn on the Program Indicators, and press **[+]** or **[-]** to select the program number.



**Note** For details on functions that are registered in programs, refer to *Using Programs* on page 4-4.

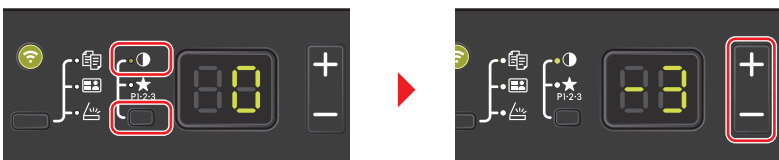
P0 is the status with no program set.

- 5 Enter the number of copies.



Press the Mode Select key to turn off the Function Indicators, and press **[+]** or **[-]** to enter the number of copies.

- 6 Adjust density using 7 levels (-3 (Lighter) to 3 (Darker)).



Press the Mode Select key to turn on the Density Indicators, and press **[+]** or **[-]** to select your desired density.

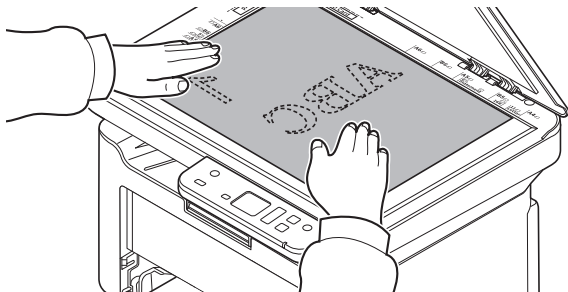
- 7 Press **[Start]** ( ) to start copying.




## Manual Duplex

To copy on both sides of the paper, use Manual Duplex.

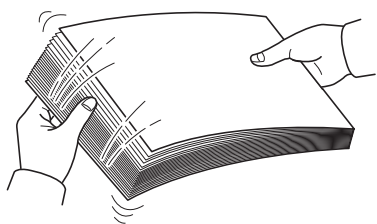
- 1 Select copy functions and place the front-side original (or odd numbered page) as explained in *Manual Duplex* on page 4-2.



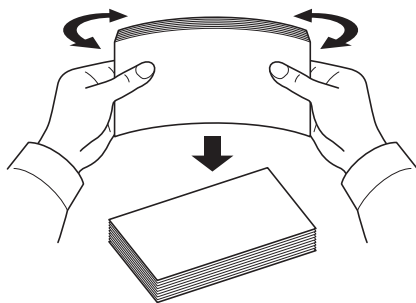
- 2 Press **[Start]** (  ) to start copying. The front side is copied.



- 3 Retrieve the paper from the inner tray. If copying on multiple sheets, fan through the sheets to separate them prior to loading.



If the paper is curled at an edge, straighten it prior to reloading.

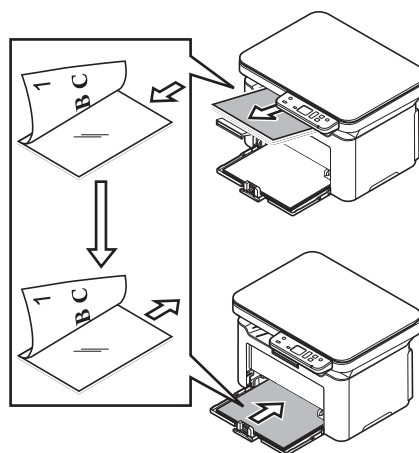
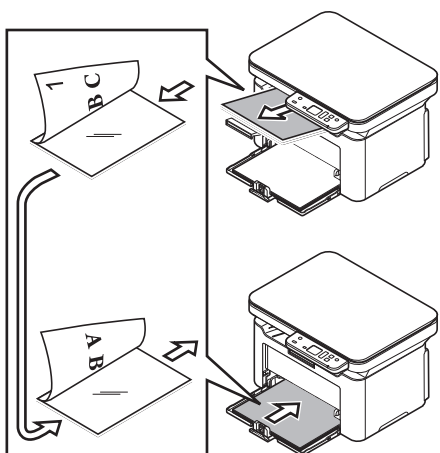
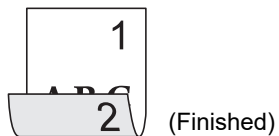


- 4** Copy the back side (or even numbered page). Load the paper as shown.

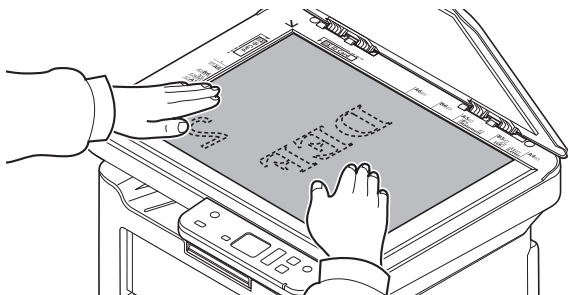
**Long Edge Binding**




**Short Edge Binding**



- 5** Place the back-side original (or even numbered page). For details, refer to *Loading Originals* on page 3-12.



- 6** Press **[Start]** (  ). The back side is copied, and duplex copying is completed.



## Using Programs

If there are settings that you frequently change from the default state, register the settings in a program. You can simply select the program number as needed to recall those functions.

Copy functions can be registered in three programs.

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

Item	Program1	Program2	Program3
Original size	A4 (Letter)	A4 (Letter)	A4 (Letter)
Original image	Text	Text+Photo	Photo
Copies	1	1	1
Collate	On	On	On
Original orientation	Top Edge Top	Top Edge Top	Top Edge Top
Zoom	Auto	Auto	Auto
Density	Darker (+3)	Lighter (-2)	Normal (0)
EcoPrint	Off	On	Off
Combine	Off	2in1 (Left to right)	Off



**Note** For details on program registration and the various functions, refer to *Program Settings* on page 3-43. Refer to *Basic Operation* on page 4-1 for recalling programs.

## Copying Functions

Copying functions are as follows. These functions are all configured from KYOCERA Client Tool.

Item	Description
<b>Original size</b>	Specify the size of originals being scanned. Value: <b>Letter, A4, A5, A6, B5 (JIS), B5 (ISO), Custom, 16K, Statement, A5-R (A5 (Landscape))</b>
<b>Original image</b>	Select image quality suited to the type of original. Value: <b>Text + Photo (300 dpi or 600 dpi), Photo, Text</b>
<b>Collate*</b>	Scan multiple originals and deliver complete sets of copies as required according to page number. Value: <b>Off, On</b>
<b>Zoom</b>	Adjust the magnification to reduce or enlarge the original image. Value: <b>100%, Auto</b>
<b>Density</b>	Adjust density using 7 levels. Value: <b>Lighter (-3), Lighter (-2), Lighter (-1), Normal (0), Darker (+1), Darker (+2), Darker (+3)</b>
<b>EcoPrint</b>	In case of using the EcoPrint function, the machine operating sound and the power consumption can be reduced. However, the printing speed will be slower and the image quality will be thinner. Value: <b>Off, On</b>
<b>Combine*</b>	Combine 2 or 4 original sheets into 1 copied page. You can select the page layout. Value: <b>Off, 2in1, 4in1</b>

\* When this function is selected, printing starts after all pages to be copied are scanned. Place one page at a time and press **[Start]** ( ). When you have finished scanning all pages, press **[+]** or **[-]** to select - and press **[Start]** ( ) again to start printing.



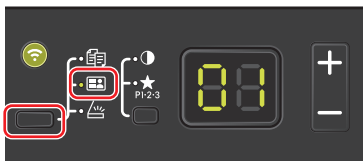
**Note** To set a function from KYOCERA Client Tool, refer to *Default and Program Settings* on page 3-43.



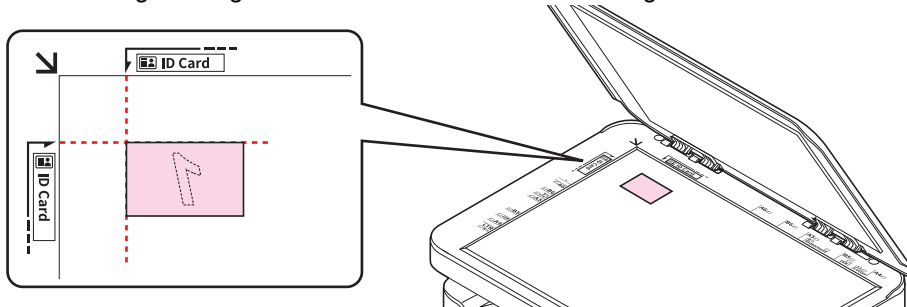
## ID Card Copy

Use to copy the front and back sides of a license or other ID card on one sheet of paper.

- 1 Press the **Function Select** key to turn on the **ID Card Copy** Indicators.



- 2 Place the original. Align with the **ID Card** marks on the Original Size Indicator Plates.



For details, refer to *Loading Originals* on page 3-12.

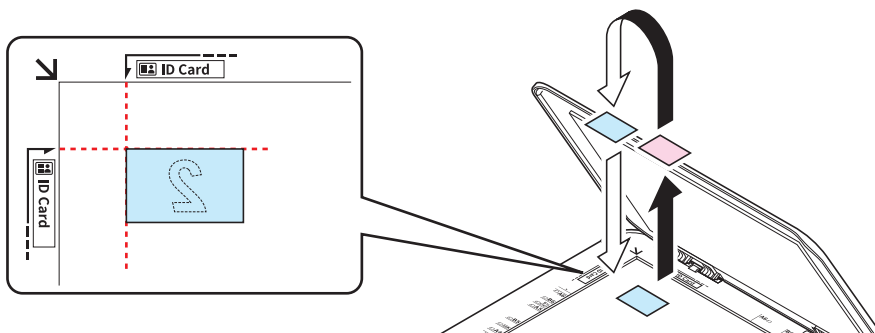
- 3 Enter the number of copies. (Refer to *Basic Operation* on page 4-1.)
- 4 Adjust density. (Refer to *Basic Operation* on page 4-1.)
- 5 Press **[Start]** ( ). 1- appears in the display on the operation panel and the first side of the card is scanned.



After the first side is scanned, 2- appears in the display.



- 6 Turn the original over. Align with the **ID Card** marks on the Original Size Indicator Plates.



- 7 Press **[Start]** ( ). The front and back sides of the card are copied on one sheet of paper.






# 5 Printing

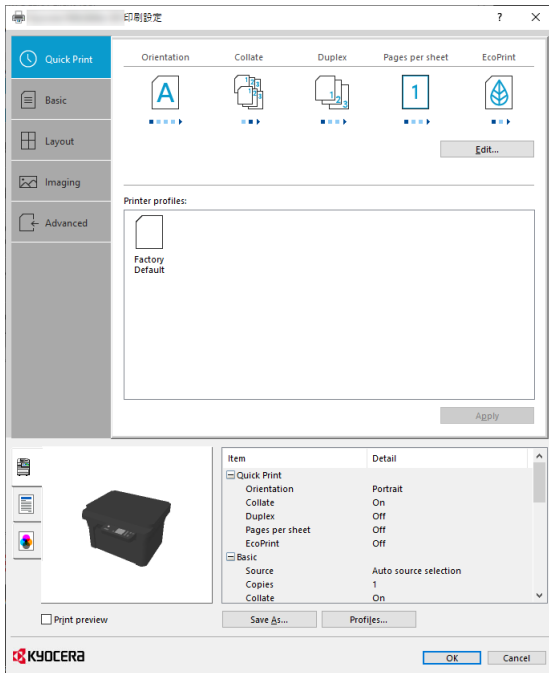
## Printing from PC

Follow the steps below to print documents from applications.

In case of using the EcoPrint function, the product operating sound and the power consumption can be reduced. However, the printing speed will be slower and the image quality will be thinner.

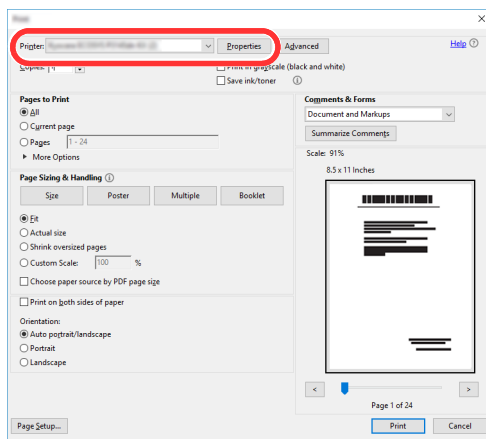
 **Note** To print the document from applications, install the printer driver on your computer. Refer to *Installing the Software in Windows* on page 3-14.

In some environments, the current settings are displayed at the bottom of the printer driver.



When printing the non-standard sized papers, load the non-standard sized papers in the cassette before performing the following procedure. Refer to *Loading Paper into Cassette* on page 3-9.

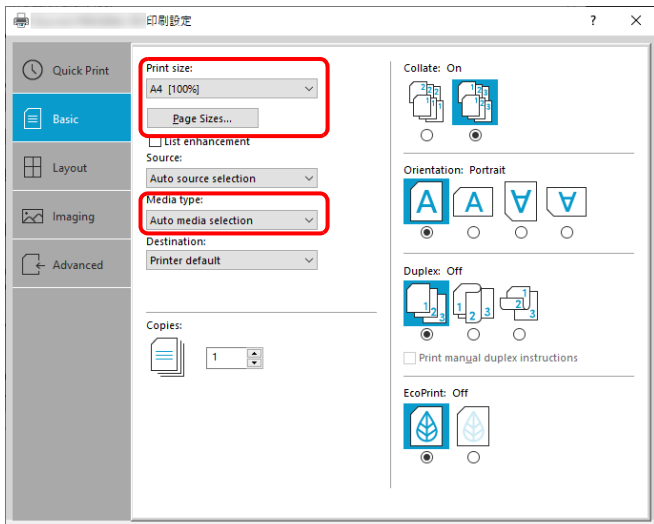
- 1 Click **File** and select **Print** in the application.
- 2 Select the machine from the “Printer” menu and click the **Properties**.



- 3 Select the **Basic** tab.
- 4 Click “Print size” menu and select the paper size to use for printing.

To load the paper of size that is not included in print sizes of the machine, the paper size needs to be registered. For details, refer to *Printing on Non-standard Sized Paper* on page 5-2.

To print on the special paper such as Recycled, click “Media type” menu and select the media type.



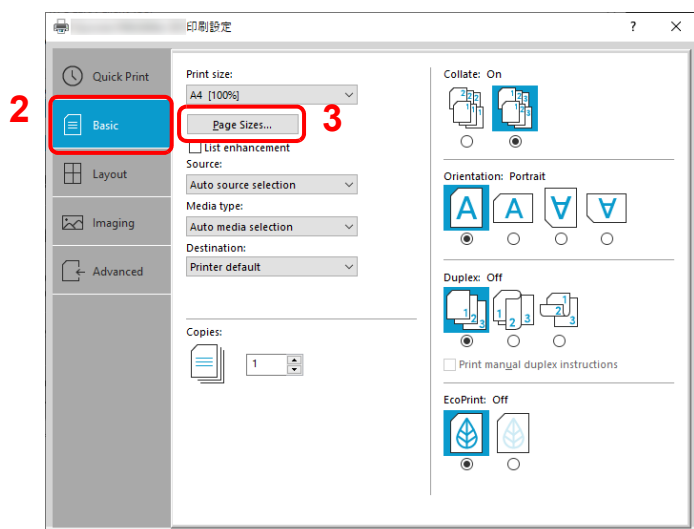
- 5 Click **OK** to return to the Print dialog box.
- 6 To start printing, click **OK**.

## Printing on Non-standard Sized Paper

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

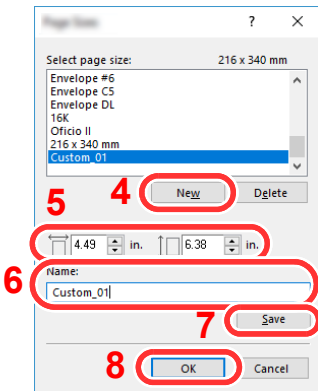
The registered size can be selected from the “Print size” menu.

- 1 Display the print settings screen.
- 2 Click the **Basic** tab.



- 3 Click the **Page Sizes....**

**4** Click the **New**.



**5** Enter the paper size.

**6** Enter the name of the paper.

**7** Click the **Save**.

**8** Click the **OK**.


**9** In the “Print size” menu, select the paper size (name) that you registered in steps 5 to 8.



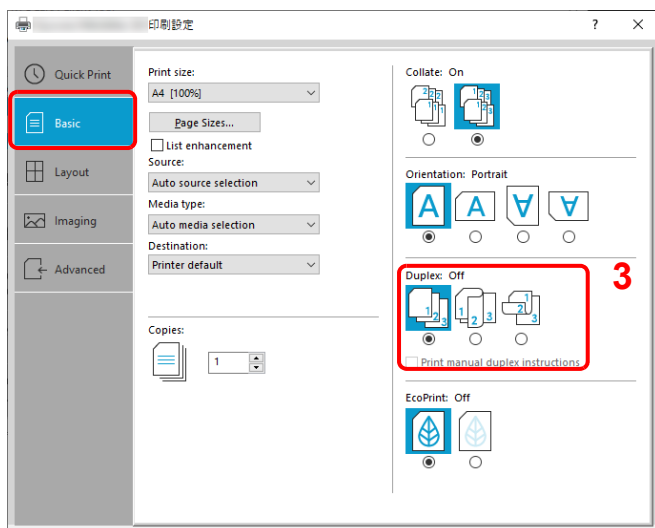
**10** Select the type of paper in the “Media type” menu.

## Manual Duplex

To print on both sides of the paper, use *Manual Duplex*. The even pages are printed first and then reloaded to print the odd pages. An instruction sheet is available to assist with loading the sheets in the correct orientation and order.

 **Note** Ensure **Print manual duplex instructions** is selected to receive the instruction sheet. Continue to use the sheet until you are familiar with this feature.

- 1 Display the print settings screen.
- 2 Click the **Basic** tab.




- 3 Set Duplex settings.

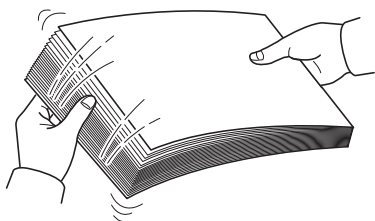
Select **Flip on long edge** if the binding will be on the long edge or **Flip on short edge** if the binding will be on the short edge. Select **Print manual duplex instructions** to receive the instruction sheet.

- 4 Click **OK** to return to the Print dialog box.
- 5 To start printing, click **OK**.

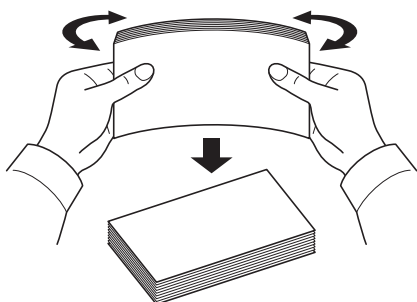
A **Manual Duplex Instruction** message box displays. The even pages are printed including the instruction sheet.

 **Note** Instructions for manual duplex will be printed on the instruction sheet.

- 6 Remove all the even pages (including the instruction sheet) from the inner tray, fan through the sheets to separate them prior to loading.



If the paper is curled at an edge, straighten it prior to reloading.

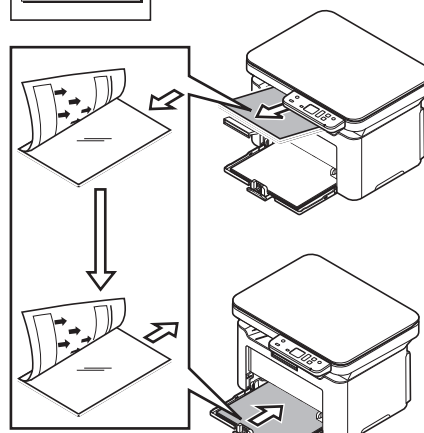
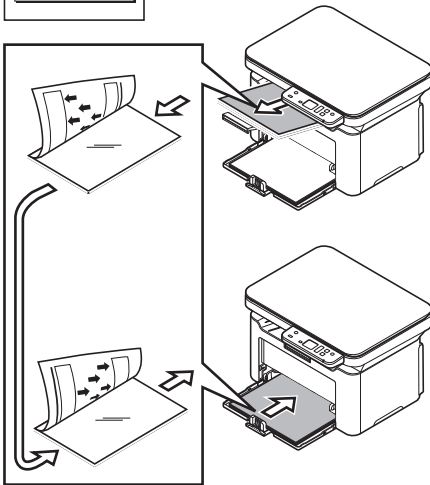
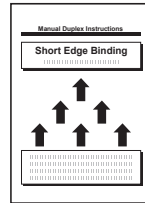
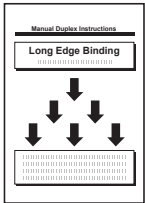
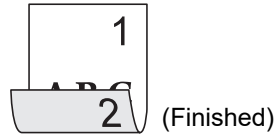



- 7** Load the even pages printed into the cassette with the instruction sheet facing down and the arrows pointing toward the machine.

**Long Edge Binding**



**Short Edge Binding**

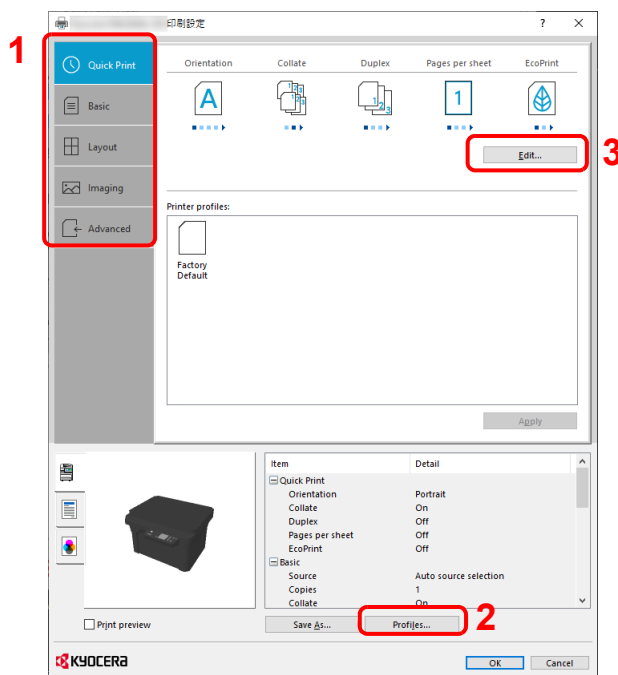


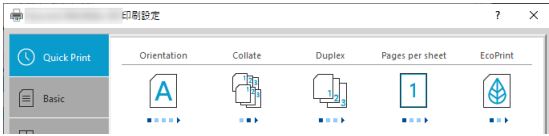
 **Note** If the paper is considerably curled in one direction, roll the paper in the opposite direction to counteract the curl. If this will not cancel the curl satisfactorily, try to reduce the number of sheets loaded in the cassette to the maximum of 100.

- 8** Select **OK** in the **Manual Duplex Instruction** message box of the printer driver screen. All the odd pages will be printed.

## Printer Driver Print Settings Screen

The printer driver print settings screen allows you to configure a variety of print-related settings. Refer to *Printer Driver User Guide*.



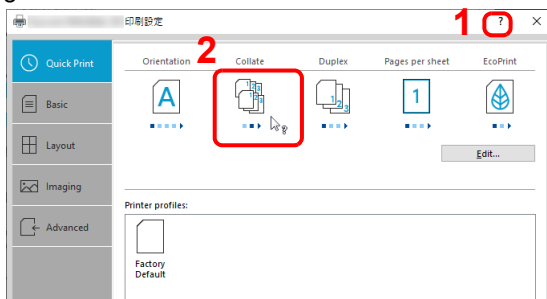
No.	Description
1	<p><b>Quick Print tab</b> Use this tab to define basic print options into group profiles that can be accessed quickly and easily.</p>  <p><b>Basic tab</b> Use this tab to select the page size and orientation. The paper source is also selected.</p> <p><b>Layout tab</b> Use to create multiple pages on a single sheet of paper. Also contains the scaling option.</p> <p><b>Imaging tab</b> Select this tab to change the print quality and graphic settings.</p> <p><b>Advanced tab</b> Use to set up and add watermarks to your output.</p>
2	<p><b>Profiles</b> Printer driver settings can be saved as a profile. Saved profiles can be recalled at any time, so it's a convenient practice to save frequently used settings.</p>
3	<p><b>Edit</b> The assortment of icons at the top of the Quick Print tab can be customized to include features that you use most often.</p>



## Displaying the Printer Driver Help

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

- 1 Click the ? button in the upper right corner of the screen.



- 2 Click the item you want to know about.

## Changing the Default Printer Driver Settings (Windows 10)

The default printer driver settings can be changed. By selecting frequently used settings, you can omit steps when printing.


The procedure is as follows. For details, refer to *Printer Driver User Guide*.


- 1 Click **Start** button on the Windows and then select **Windows System**, **Control Panel**, and **Devices and Printers**.
- 2 Right-click the printer driver icon of the machine, and click the **Printer properties** menu of the printer driver.
- 3 Click the **Basic** button on the **General** tab.
- 4 Select the default settings and click the **OK** button.

## Canceling Printing from a Computer

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



**Note** When canceling printing from this machine, press the **[Stop]** (  ) on the Operation Panel.

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




# 6 Scanning

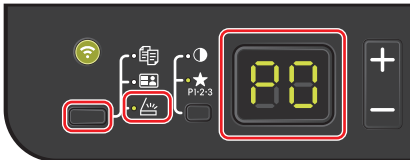
## Push Scan

It is easy to scan from the operation panel on the machine. Push Scan performs scanning with the following settings. P0 is the status of scanning without using the preset program.

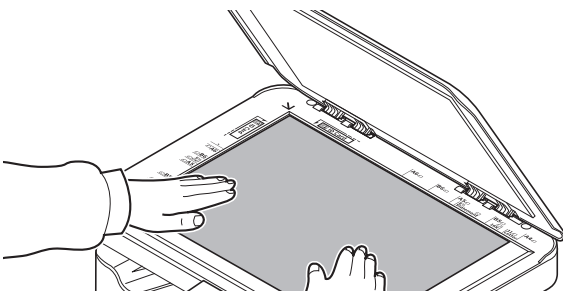
Item	Value
Original size	If unit setting is <b>inch</b> : Letter If unit setting is <b>mm</b> : A4 For details on unit setting, refer to <i>Configuration</i> on page 3-51.
Resolution	300 × 300 dpi
Reverse image	Unchecked
Sharpen	Low
Original quality	Text
Scan color	Full color
Density	Normal (0)
Output name	Scan
File format	PDF
Destination folder	C:\Users\ <user &gt;\documents<="" td=""></user>

 **Note** The Program is used to change the settings. Refer to *Using Programs* on page 6-2.  
When using Push Scan, KYOCERA Client Tool must be running on the computer. Refer to *Accessing KYOCERA Client Tool* on page 3-36.

- 1 Press the Function Select key to turn on the Scan Indicators, P0 appears in the display on the operation panel.




- 2 Place the originals. For details, refer to *Loading Originals* on page 3-12.



- 3 To use a program, select the program number (P0 to P3).



Press **[+]** or **[-]** to select the program number.

 **Note** For details on functions that are registered in programs, refer to *Using Programs* on page 6-2.  
P0 is the status with no program set.

- 4 Press **[Start]** (  ) to start scanning.



## Using Programs

If there are settings that you frequently change from the default state, register the settings in a program. You can simply select the program number as needed to recall those functions.

Scan functions can be registered in three programs.

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

Item	Program1	Program2	Program3
Name	Folder 1	Folder 2	Folder 3
Original size	A4 (Letter)	A4 (Letter)	A4 (Letter)
Original image	Text	Text + Photo	Photo
Reverse image	Off	Off	Off
Sharpen	Low	Low	Low
Scan color	Full color	Full color	Full color
Density	Normal (0)	Normal (0)	Normal (0)
Resolution	300 × 300 dpi	300 × 300 dpi	300 × 300 dpi
File name	Scan	Scan	Scan
File format	PDF	PDF	PDF
Quality	30	30	30
Destination folder	C:\Users\<<User >\Documents		



**Note** For details on program registration and the various functions, refer to *Program Settings* on page 3-43.

Refer to *Push Scan* on page 6-1 for recalling programs.


## Quick Scan (Scan to PDF/Scan to Email/Scan to Folder)

Execute scanning from KYOCERA Client Tool. With Quick Scan, the following 3 types of scan are possible.

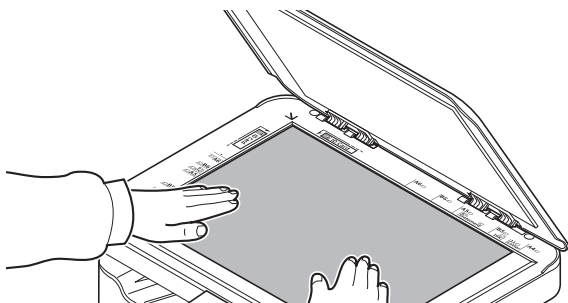
Scan to PDF: Saves the scanned image in PDF format. The folder is specified after scanning.

Scan to Email: Attaches the scanned image to a new E-mail message.

Scan to Folder: Saves the scanned image to a specified folder.

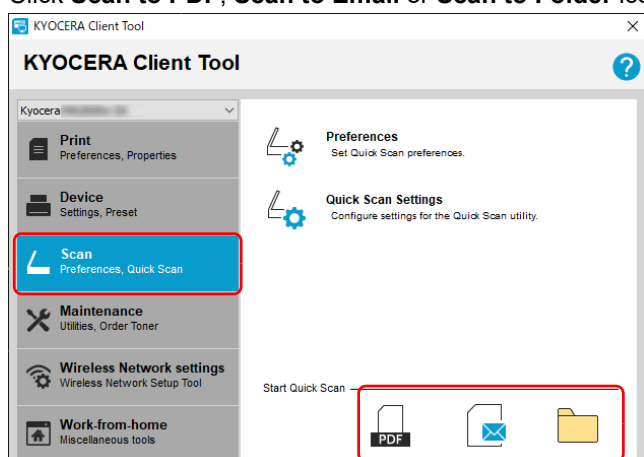
 **Note** The folder in which the scanned image is saved and the file format can be set in advance in KYOCERA Client Tool. Refer to *Quick Scan/TWAIN Settings* on page 3-49.

- 1 Place the originals. For details, refer to *Loading Originals* on page 3-12.

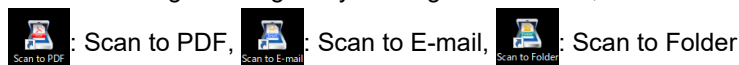


- 2 Start KYOCERA Client Tool as explained in *Accessing KYOCERA Client Tool* on page 3-36.

- 3 Click **Scan to PDF**, **Scan to Email** or **Scan to Folder** icon on the **Scan** tab.



 **Note** Scanning also begins by clicking Scan to PDF, Scan to Email or Scan to Folder icon on the desktop.



- 4 **Scan to PDF**

The **Save PDF File As** dialog appears. Specify PDF file name and the folder in which the image will be saved, and click **[OK]**. Scanning begins.

### Scan to Email

Scanning begins. When scanning finishes, the mailer starts and the scanned image is attached. Enter the address, subject and message, and then send.

### Scan to Folder

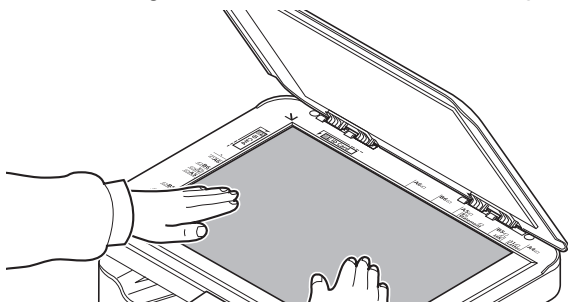
The **Browse for Folder** dialog appears. Specify the folder in which the image will be saved, and click **[OK]**. Scanning begins.

## Scanning using TWAIN/WIA

This section explains how to scan an original using TWAIN/WIA.

The procedure for scanning using the TWAIN driver is explained as an example. The WIA driver is used in the same way.

- 1 Place the originals. For details, refer to *Loading Originals* on page 3-12.

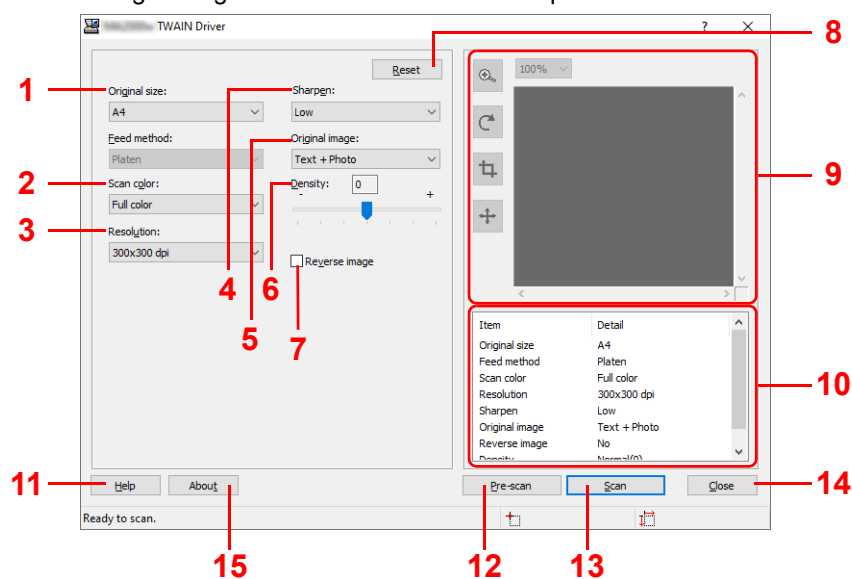


- 2 Activate the TWAIN compatible application.
- 3 Select the machine using the application and display the TWAIN screen.



**Note** For selecting the machine, see the Operation Guide or Help for each application software.

- 4 Select scanning settings in the TWAIN screen that opens.



The settings that appear in the TWAIN screen are as follows.

No.	Item	Description
1	<b>Original size</b>	Specify the size of originals being scanned. Value: <b>Letter, Statement, Executive, A4, A5, A6, B5 (JIS), B5 (ISO), 16K, Custom, A5-R (A5 (Landscape))</b> <b>Note</b> Refer to <i>Configuration</i> on page 3-51 for selecting <b>Custom</b> .
2	<b>Scan color</b>	Select the color mode setting. Value: <b>Monochrome, Grayscale, Full color</b>
3	<b>Resolution</b>	Select fineness of scanning resolution. Value: <b>200 × 200 dpi, 300 × 300 dpi, 400 × 400 dpi, 600 × 600 dpi</b>
4	<b>Sharpen</b>	Adjust the sharpness of the image. Value: <b>None, Low, Medium, High, Descreen</b> (Blurs the outlines and reduces the sharpness.)

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No.	Item	Description
5	<b>Original image</b>	Select original image type for best results. Value: <b>Text, Photo, Text+Photo</b>
6	<b>Density</b>	Select the density. Value: <b>-3</b> (Lighter) to <b>3</b> (Darker)
7	<b>Reverse image</b>	When this is selected, the image color reverses.
8	<b>Reset</b>	Reset the settings to the default value.
9	Preview area	Displays a preview of the scanned image. The image can be enlarged, rotated, trimmed, or moved.
10	Details list	Displays a list of the settings.
11	<b>Help</b>	Displays the Help screen.
12	<b>Pre-Scan</b>	Acquires a preview image.
13	<b>Scan</b>	Performs the scan and returns the image to the application.
14	<b>Close</b>	Close the TWAIN screen.
15	<b>About</b>	Displays the driver version number.





# 7 Useful Functions

## Performing Data Masking

Prints a specific pattern of image on a classified document to be discarded so that its contents cannot be read. Documents can be safely discarded even without using a shredder.

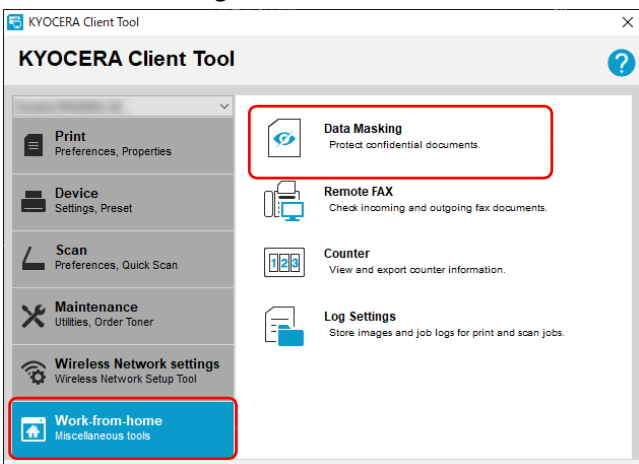


**Note** To use this function, Microsoft .NET Framework 4.6.1 or later is required to be installed.

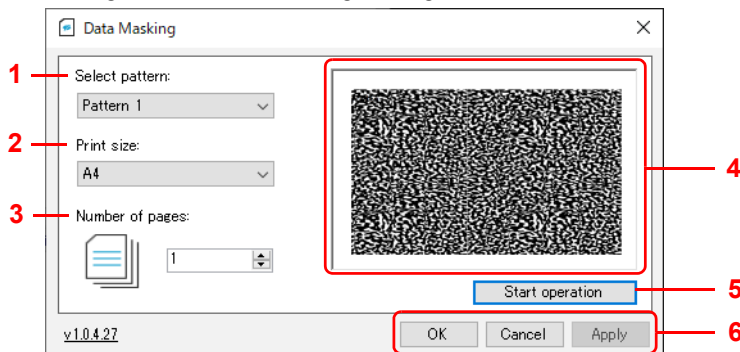
When this function is used, number of printable pages with the installed toner cartridge decreases.

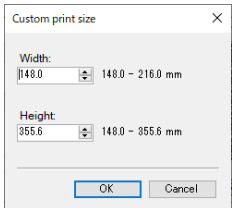
This function is to make the original image less distinguishable, and it does not guarantee to make the image fully indistinguishable.

- 1 Start KYOCERA Client Tool according to the description in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click **Data Masking** in the **Work-from-home** tab. The Data Masking screen is displayed.



- 3 Configure the data masking setting.



No.	Item	Description
1	Select pattern	Set a pattern of image to be printed. <b>Value: Pattern 1, Pattern 2</b>
2	Print size	Specify the print size. <b>Value: Letter, Legal, Executive, A4, A5, Folio, B5 (JIS), B5 (ISO), Envelope C5, Oficio II, 216 × 340 mm, 16K, A5-R (A5 (Landscape)), Custom size</b> When a <b>Custom size</b> is selected, the Custom print size screen appears.  Type or select values for <b>Width</b> and <b>Length</b> . If the <b>Width</b> or <b>Length</b> value exceeds the allowable limit, it automatically adjusts to the limit after <b>OK</b> is clicked.

No.	Item	Description
3	<b>Number of pages</b>	Set the number of pages to be printed.
4	-	Sample of the selected print pattern is displayed.
5	<b>Start operation</b>	Starts data masking.
6	<b>OK/Cancel/Apply</b>	To apply changes to the settings and end the data masking, click <b>OK</b> . To end the data masking without applying changes to the settings, click <b>Cancel</b> . To apply changes to the settings without ending the data masking, click <b>Apply</b> .

- 4 Set documents to be discarded into the cassette according to the description in *Loading Paper* on page 3-3.  
Ensure the side to be printed is facing up and the paper is not folded, curled, or damaged.
- 5 Click **Start operation** to perform data masking.

## Using Remote Fax

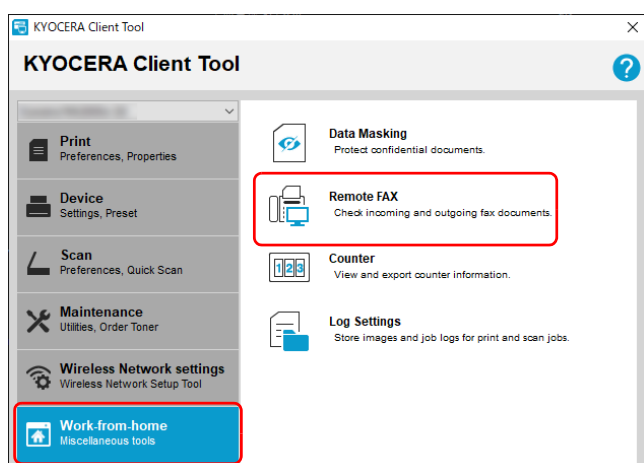
You can check fax received in your company from a computer at home, and forward and send documents scanned using this machine to a fax in your company.



**Note** To use this function, Microsoft .NET Framework 4.8 or later is required to be installed.

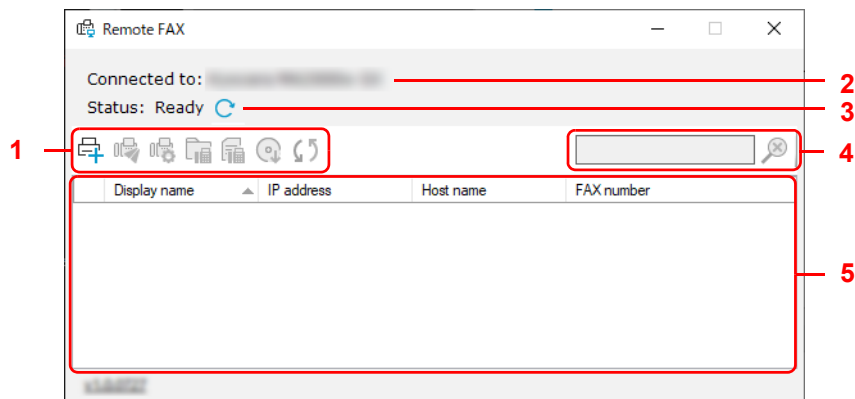
## Starting Remote FAX










- 1 Start KYOCERA Client Tool according to the description in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click **Remote FAX** in the **Work-from-home** tab. The Remote FAX starts.



**Note** If the User Account Control screen is displayed, click Yes (allow).

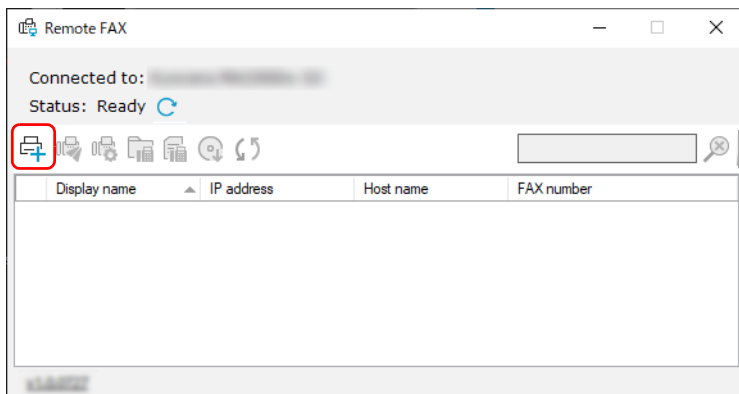
## Remote FAX Screen Overview




No.	Item	Description	Reference Page
1	<b>Add Device</b> (  )	Adds devices.	7-3
	<b>Send FAX</b> (  )	Sends a fax.	7-8
	<b>FAX receive notification settings</b> (  )	Configures the fax receive notification settings.	7-11
	<b>Document Box</b> (  )	Checks the received fax.	7-10
	<b>FAX logs</b> (  )	Checks the sent/received fax logs.	7-13
	<b>Install driver</b> (  )	Installs the fax driver.	7-5
	<b>Refresh</b> (  )	Refreshes status of the device selected in the device list.	-
2	<b>Connected to</b>	Displays the device selected in the KYOCERA Client Tool before starting the Remote FAX. Originals will be scanned with this device.	-
3	Status	Displays status of the device displayed in "Connected to". To refresh the status, click the <b>Refresh</b> (  ) icon.	-
4	Device search	Enter text to search from the device list. Click (  ) to delete text in the search box.	-
5	Device list	Displays the list of registered devices.	-

## Registering device to Remote FAX

- 1 Click **Add Device** (  ).




- 2 Enter an IP address or host name of the device to be added, and click **Add**.

 **Note** Up to 5 devices can be registered. To register more new devices, remove already registered devices first. To remove a device, select a device from the **Selected targets** list, and click **Remove**.

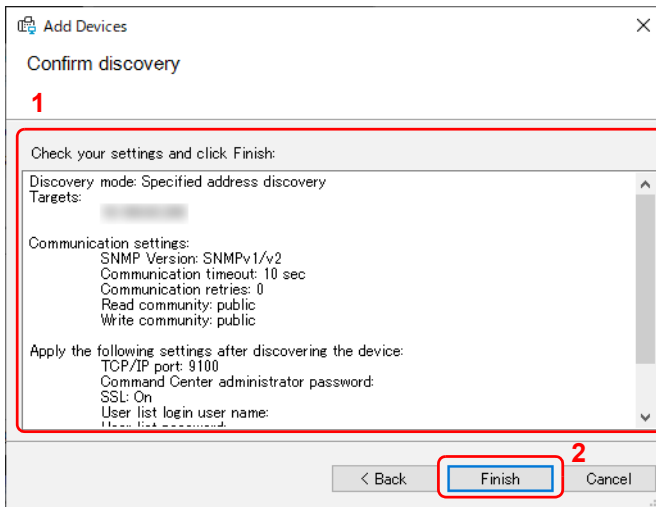
- 3 Click **Next >**.

- 4 Configure the connection setting according to the instruction on screen, and click **Next**.

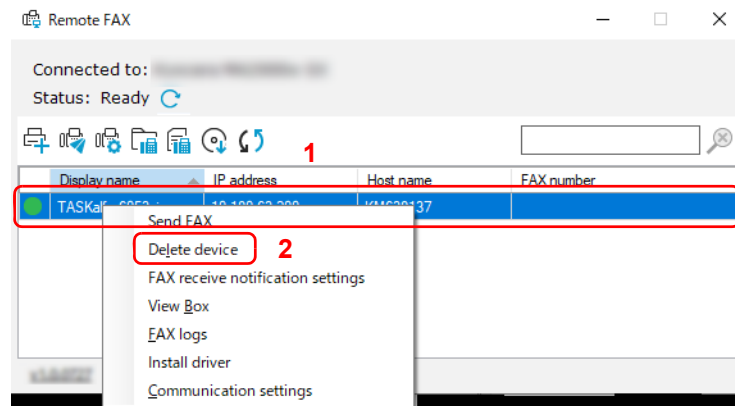
 **Note** Configurable items are same as the setting in the KYOCERA Net Viewer. For details, refer to KYOCERA Client Tool User Guide.

For information required for the setting, contact the administrator of the connecting network.

**5** Check the contents of the setting, and click **Finish**.



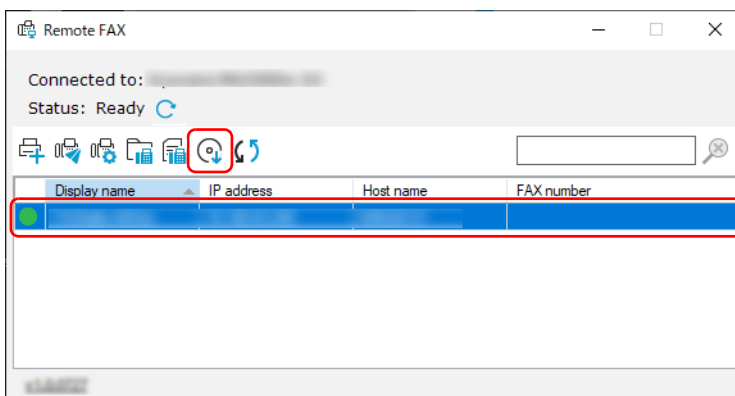
**Note** To remove a registered device, select a device to be removed, right-click it, and select **Delete device**.



## Installing Fax Driver

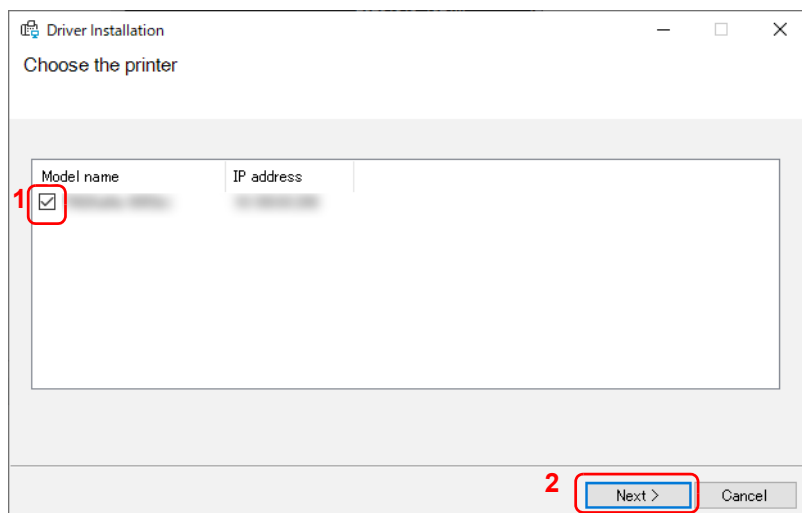
Install the fax driver to your computer.

**1** Click **Install driver** (🔧).

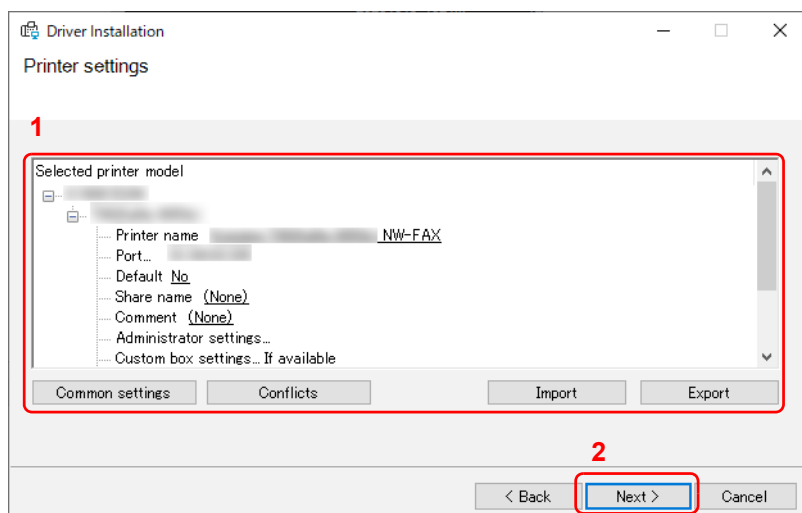


**Note** Installation on Windows must be done by a user logged on with administrator privileges. If the User Account Control screen is displayed, click Yes (allow).

**2** Select devices to install drivers and click **Next >**.



**3** Check the print settings of the selected devices, and click **Next >**.



**Note** To set behavior in case of conflicts with other existing devices, click **Conflicts**.

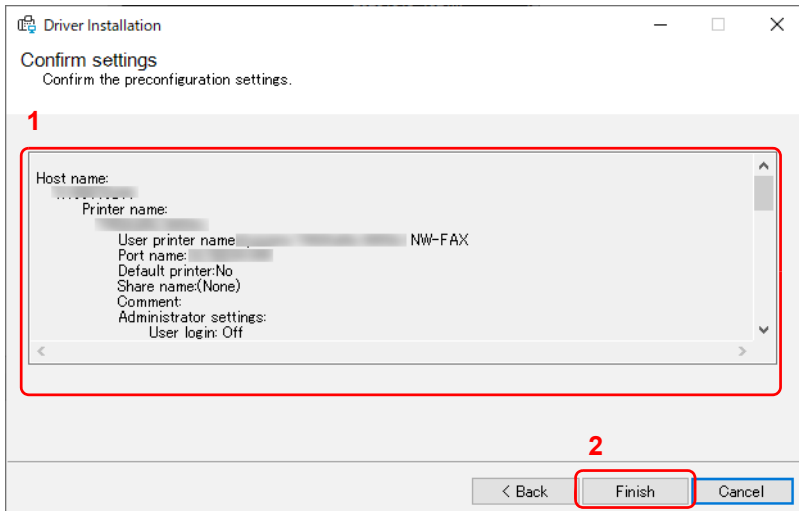
To load an existing setting, click **Import** and select a file to be loaded.

To save the current setting, click **Export**.

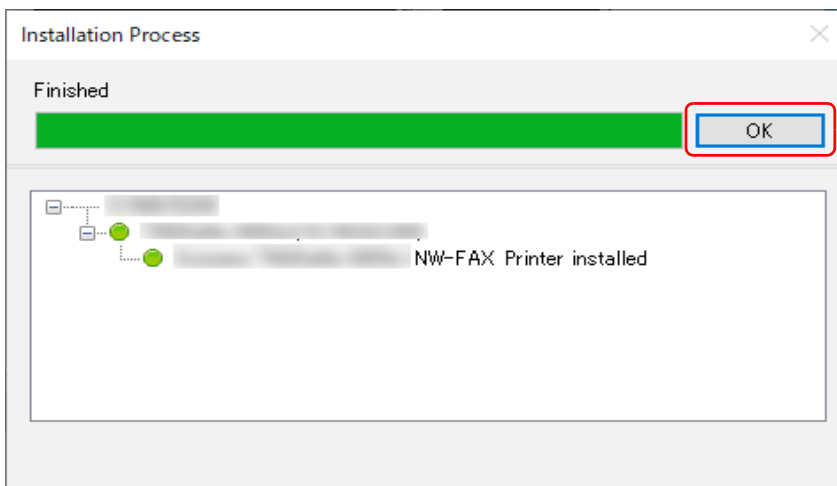
Configurable items are same as the setting in the KYOCERA Net Viewer. For details, refer to KYOCERA Client Tool User Guide.

**4** Check the contents of the setting, and click **Finish**.

Installation will start.

**5** Click **OK**.

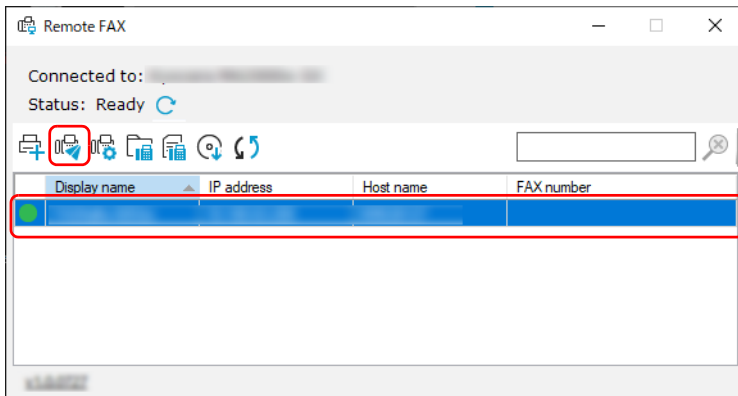
This completes the installation.




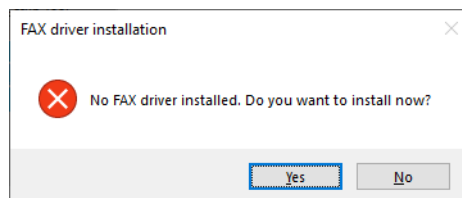
## Sending Fax

Follow the steps below to send a document with remote fax.

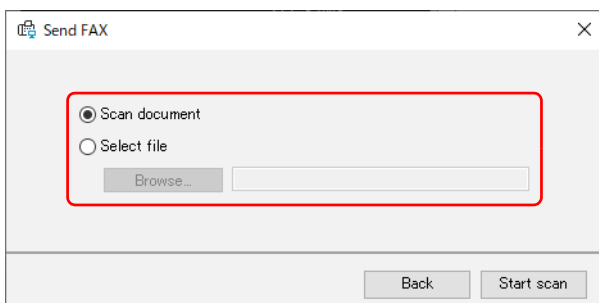
- 1 Select a device to be used for remote fax, and click **Send FAX** (  ).



-  **Note** If a fax driver for the selected device is not installed, a confirmation screen appears. Click **Yes** to install a fax driver, or click **No** and select a different device.



- 2 Select whether to send the document scanned with this machine or the document saved in your computer. If you select to **Select file**, go to step 4.



Item	Description
<b>Scan document*</b>	Scans a document to be sent with this machine. Place the original to the machine. One original sheet can be scanned.
<b>Select file**</b>	Sends a document saved in your computer. Click Browse and select a file. Applicable file formats are as follows: .pdf, .txt, .doc, .docx, .ppt, .pptx, .xls, .xlsx, .xlsm, .jpeg, .jpg, .png, .gif, .bmp, .tiff, .tif

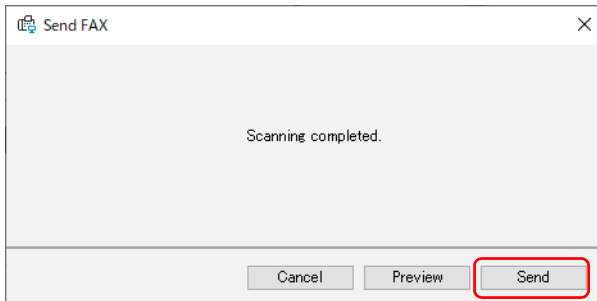
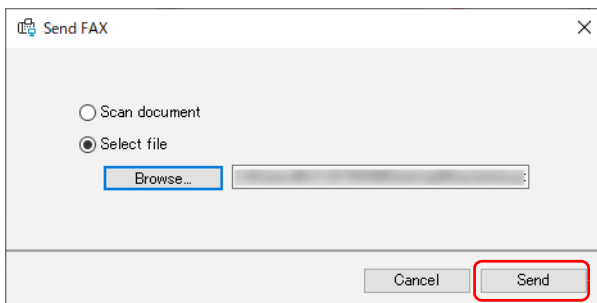
\* To scan a document using this machine, installation of TWAIN driver and Adobe Reader is required.


\*\* Applicable file formats vary depending on softwares installed in your computer.

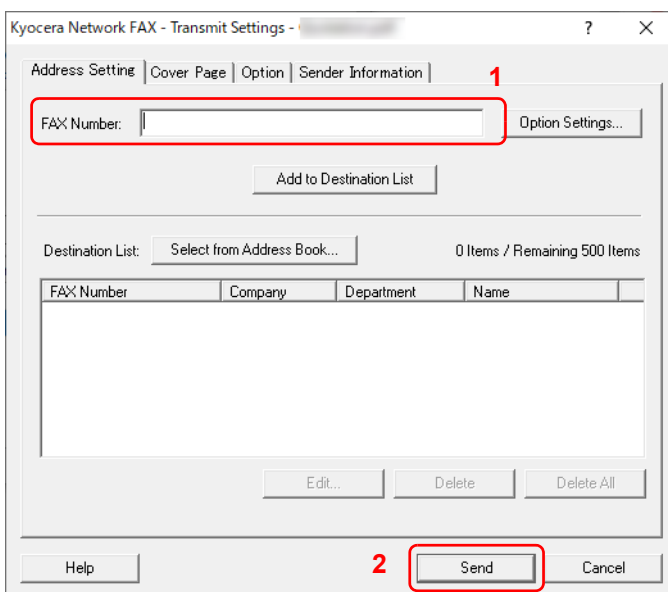



**3** Click **Start scan**.

Scanning starts.

**4** Click **Send**.**When Scan document is selected****When Select file is selected**

 **Note** Click **Preview** to see the document to be sent.

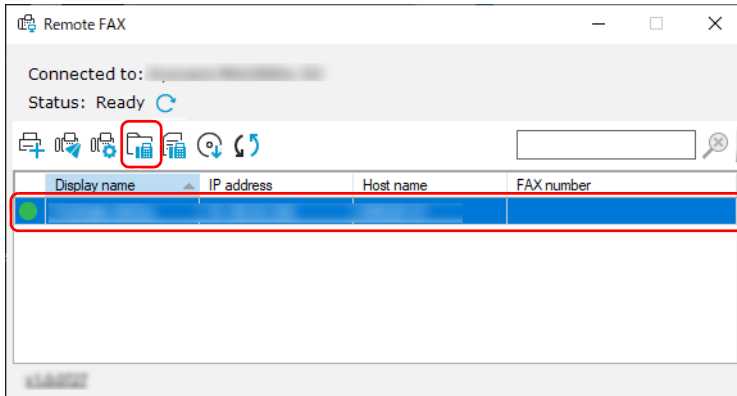
**5** Enter the destination, and click **Send**.

 **Note** You can also select a destination from the address book, or send with a cover page attached. For details, refer to Chapter 6 "Sending Faxes from PC" of the Operation Guide of the fax remotely connected.

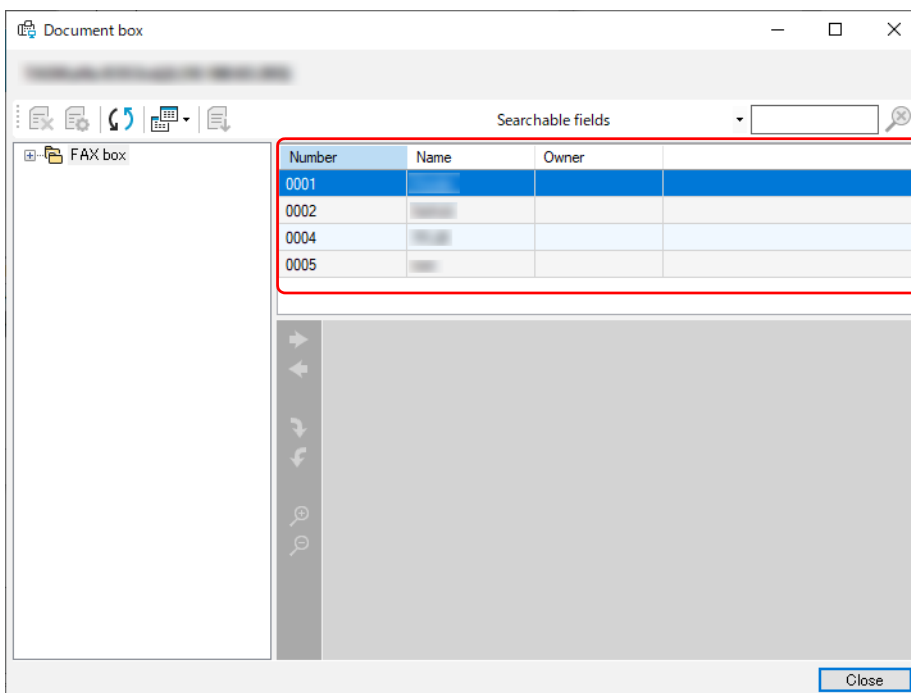
## Checking Received Fax


Follow the steps below to check fax sent to your company.

- 1 Select a device that received fax, and click **Document box** (📁).



- 2 Select a received document.  
Received fax will be displayed.

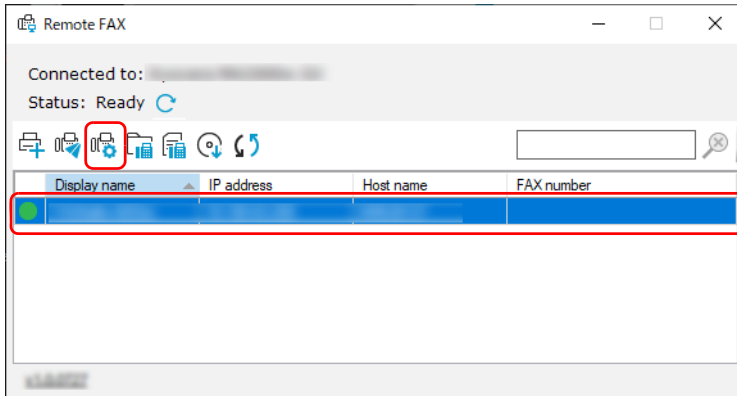


 **Note** If a password is set to a box, enter a correct password.  
Documents cannot be printed or downloaded from the fax memory RX box.

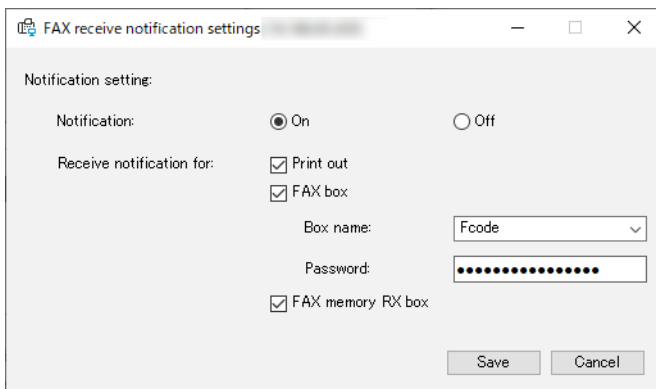
## Configuring Notification Setting when Fax is Received

Follow the steps below to configure the notification setting when fax is received.

- 1 Select a device to be configured, and click **FAX receive notification settings** (  ).



- 2 Configure the notification setting.



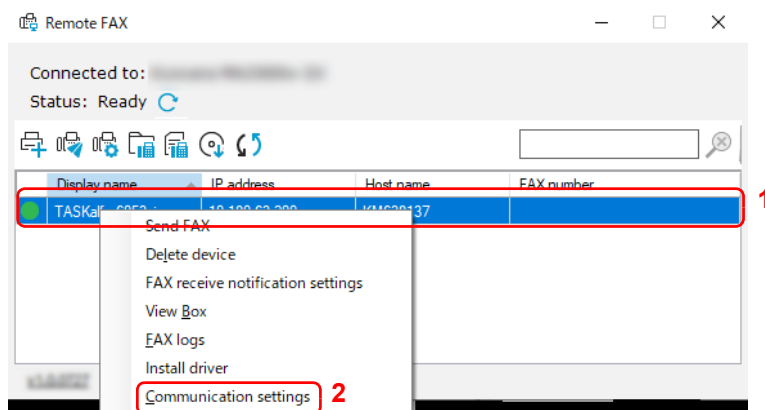
Item	Description	
<b>Notification</b>	Select whether to notify reception.	
<b>Receive notification for</b>	<b>Print out</b>	Select to notify when printing is complete.
	<b>FAX box/ Subaddress box</b>	Select to notify when received fax in a specified fax box or subaddress box. Specify a box name, and enter a password when a box is protected by a password.
	<b>FAX memory RX box</b>	Select to notify when received fax in the fax memory RX box.

- 3 After the setting is complete, click **Save**.

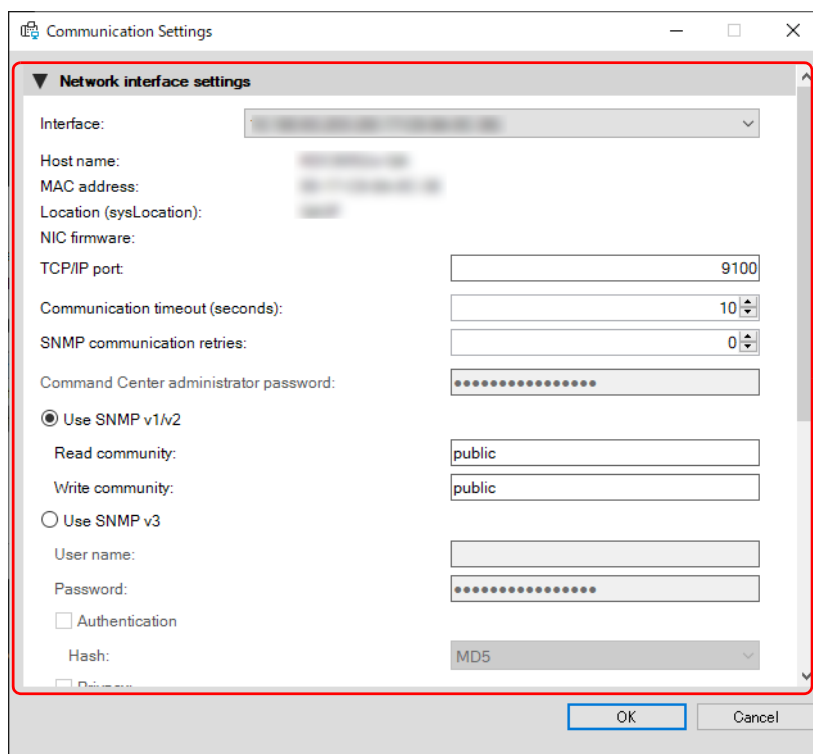
## Configuring Communication Settings of Device

Follow the steps below to configure the communication settings of a device. Settings are to be performed for each device.

- 1 Select a device to be configured, right-click it, and click **Communication settings**.



- 2 Configure the communication settings.




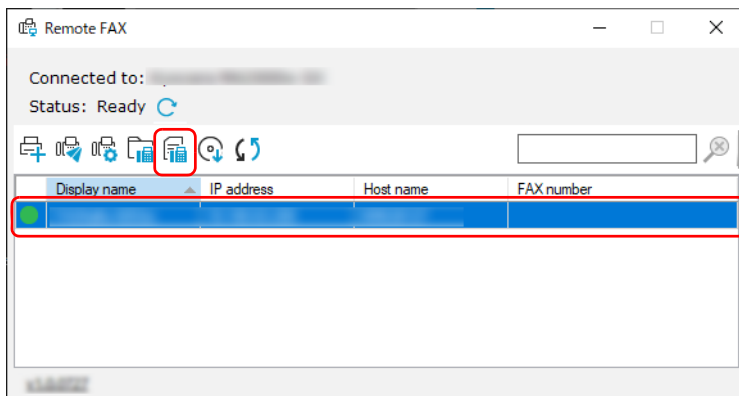
**Note** Configurable items are same as the setting in the KYOCERA Net Viewer. For details, refer to KYOCERA Client Tool User Guide.


For information required for the setting, contact the administrator of the connecting network.

- 3 After the setting is complete, click **OK**.

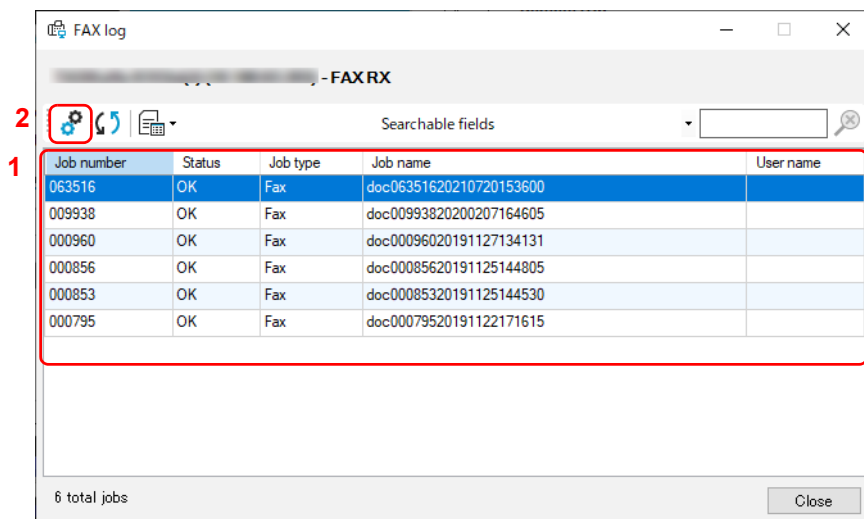
## Checking Incoming/Outgoing fax logs

- 1 Select a device to check a log, and click **FAX logs** (  ).




- 2 Select a log and click **Properties** (  ).

A log detail screen will appear.



**Note** To refresh the log list, click **Refresh** (  ).

To switch the logs to be displayed, click **Logs filter** (  ). Incoming or outgoing fax logs can be displayed.

To search logs, enter text to the search box.  
Number of logs that can be displayed changes depending on the device.

## Checking Counter

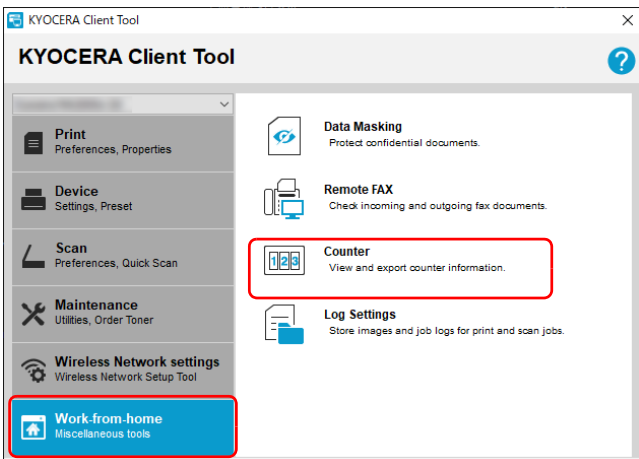
You can check the print count and number of scanned original pages.



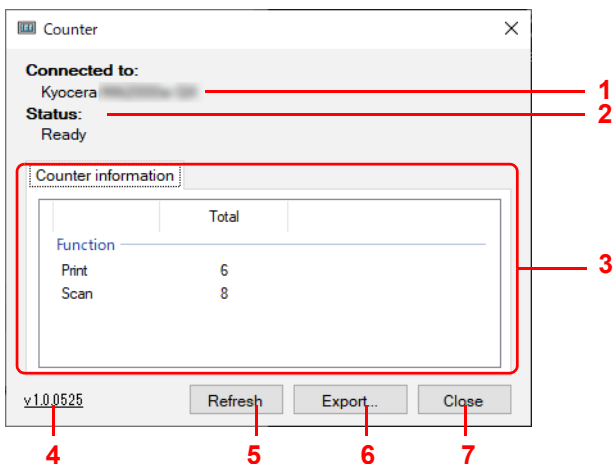
**Note** To use this function, Microsoft .NET Framework 4.8 or later is required to be installed.

This function cannot be used when scanning originals, or when the Configuration, Preset, or Maintenance Menu screen is displayed.

- 1 Start KYOCERA Client Tool according to the description in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click **Counter** in the **Work-from-home** tab. The Counter screen appears.



- 3 Check the counter.



No.	Item	Description
1	<b>Connected to</b>	Displays the connected device.
2	<b>Status</b>	Displays the status of connected device.
3	<b>Counter information</b>	Displays the counter information.
4	<b>Version</b>	Displays the version of the counter tool.
5	<b>Refresh</b>	Refreshes the displayed counter information.
6	<b>Export</b>	Exports the counter information as CSV data.
7	<b>Close</b>	Closes the Counter screen.

## Using Log Settings

Store images and job logs for print and scan jobs. Stored logs are used for tracking printed and scanned documents.



**Note** To use this function, you must install Microsoft .NET Framework 4.8 or later.

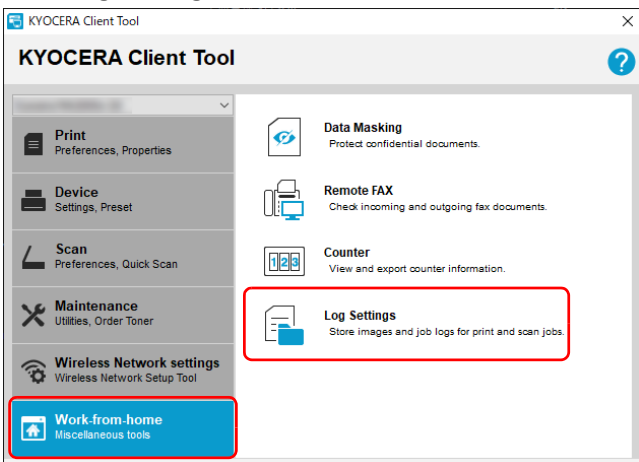
To configure this function or to successfully export the log files to your server, you must be connected to your company network using an LDAP account.

The print image logs stored in your computer and log files exported to your server contain only original print data without the driver settings.

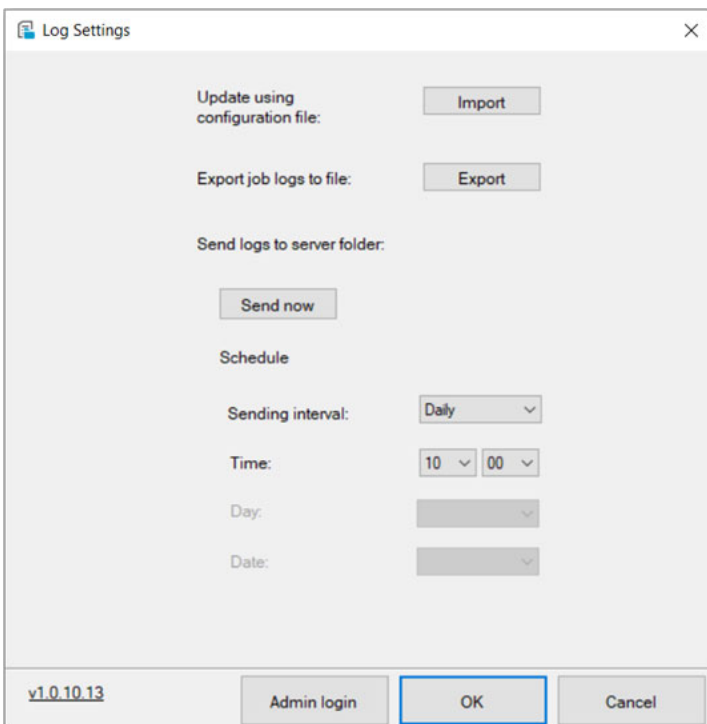
The print image logs may include print jobs that have been canceled or restarted.

## Starting Log Settings

- 1 Start KYOCERA Client Tool according to the description in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click **Log Settings** in the **Work-from-home** tab.

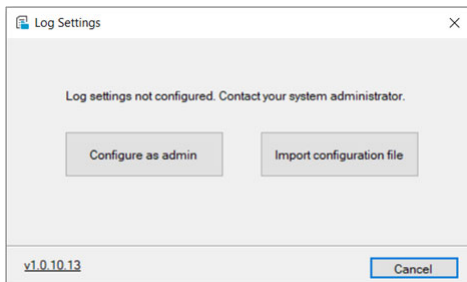


The Log Settings screen is displayed.



## Operations during the Initialization of Log Setting

The following screen is displayed when you initialize the log settings.



Operation method will differ depending on the user privileges.

### For users with administrator privileges

Click on "**Configure as admin**" to configure the server settings necessary to use the log settings. You can also generate configuration files that are necessary for users without administrator privileges to use the log settings. You must be logged in with administrator privileges. For details, refer to *Configuring the Log Settings (Administrator)* on page 7-16.

### For users without administrator privileges

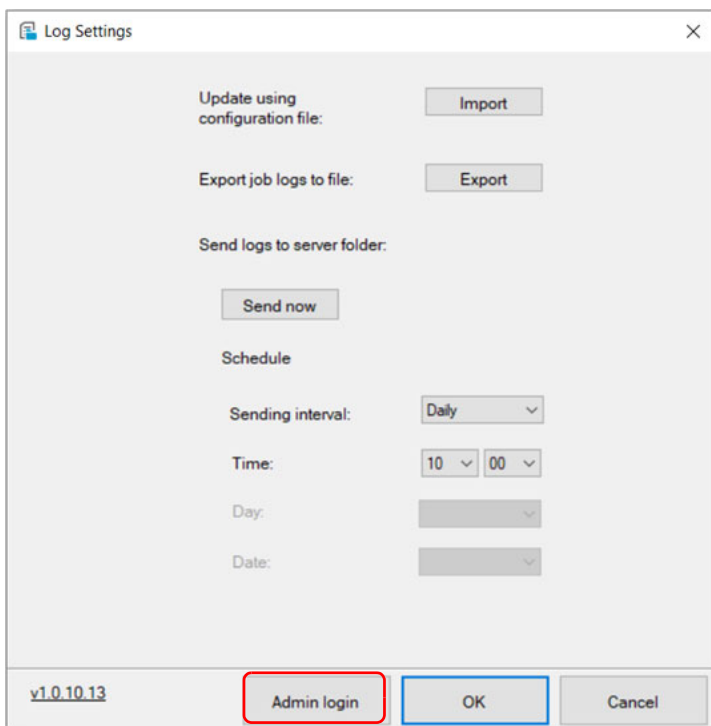
Click on "**Import configuration file**" to load the configuration file provided by a user with administrator privileges. You can then configure settings such as scheduling a log transmission. For details, refer to *Configuring the Log Settings (Users)* on page 7-19.

## Configuring the Log Settings (Administrator)

This section will show you how to configure the log settings (administrator).

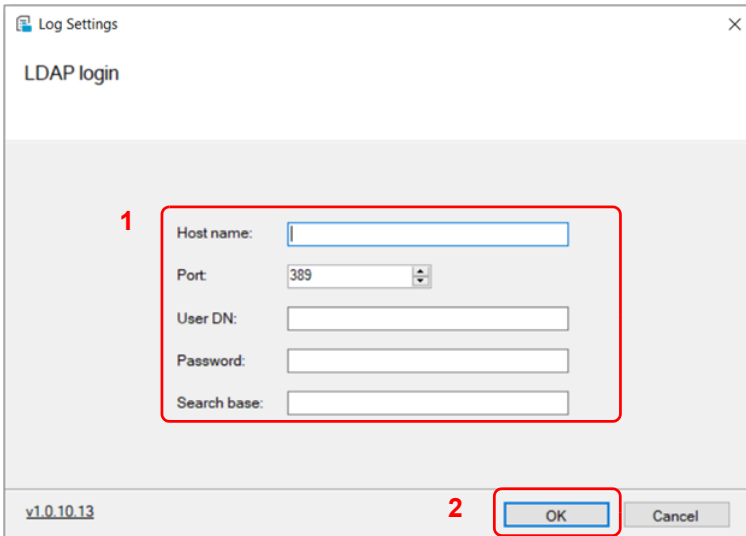
You must be logged in with administrator privileges.

- 1 Click **Admin login**.





- 2 Enter the LDAP server connection parameters and click “OK.”

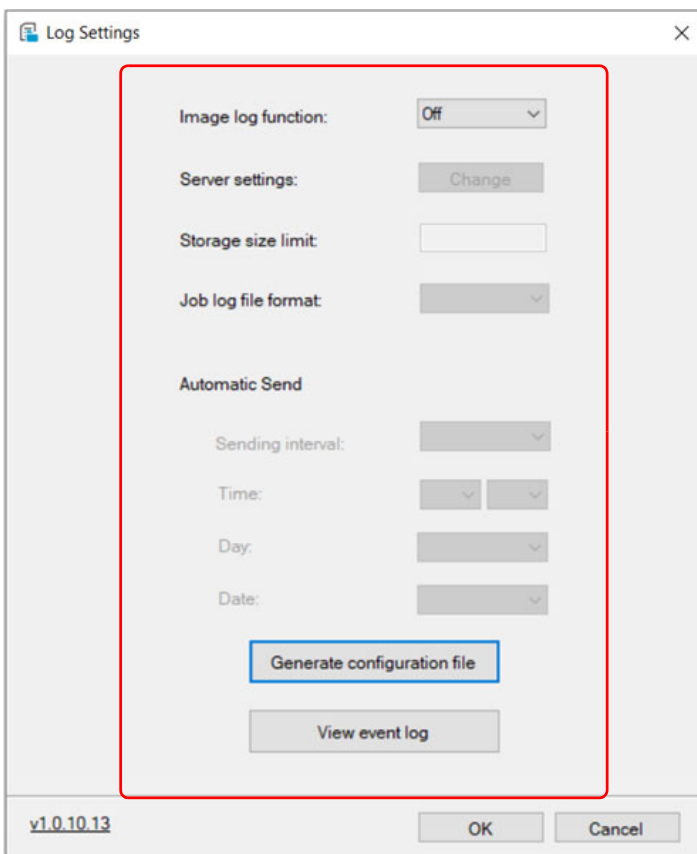


The screenshot shows the 'Log Settings' dialog box with the 'LDAP login' section. A red box labeled '1' highlights the input fields for 'Host name', 'Port' (set to 389), 'User DN', 'Password', and 'Search base'. At the bottom right, a red box labeled '2' highlights the 'OK' button. The version 'v1.0.10.13' is visible in the bottom left corner.

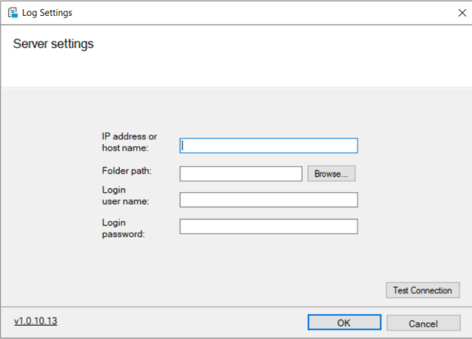


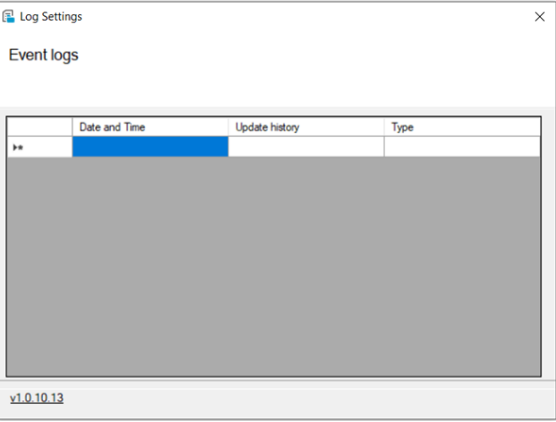
**Note** Please check with your LDAP server administrator for the information necessary to configure the settings.

- 3 Configure the necessary items and click “OK.”



The screenshot shows the 'Log Settings' dialog box with the configuration section. A red box highlights the 'Image log function' (set to Off), 'Server settings' (Change button), 'Storage size limit' (input field), 'Job log file format' (dropdown), and the 'Automatic Send' section (Sending interval, Time, Day, Date dropdowns). Below these are 'Generate configuration file' and 'View event log' buttons. The version 'v1.0.10.13' is visible in the bottom left corner, and 'OK' and 'Cancel' buttons are at the bottom right.

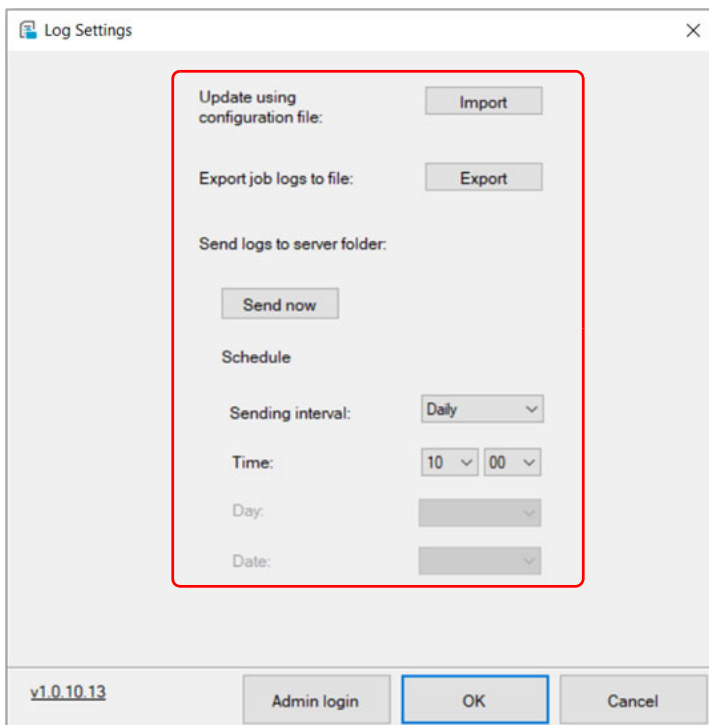
Item	Description								
<b>Image log function</b>	Sets whether to enable the log settings or not.								
<b>Server settings</b>	<p>Configures the settings to connect to the log-sending server. Click <b>“Change”</b> and configure the server.</p>  <p>Please check with your destination server's administrator for the information necessary to configure the settings.</p>								
<b>Storage size limit</b>	<p>Sets the capacity of the log to be saved.</p> <p>Value: <b>100 to 10,000 MB</b></p> <p><b>Note</b> A notification is displayed to the user depending on the limit status. From the storage limit notification dialog, users can send the logs manually to the server folder by selecting <b>Send now</b>.</p>								
<b>Job log file format</b>	<p>Sets the file format of the output log files.</p> <p>Value: <b>XML, CSV</b></p>								
<b>Automatic send</b>	<table border="1"> <tr> <td data-bbox="341 1048 568 1126"><b>Sending interval</b></td> <td data-bbox="568 1048 1326 1126">Sets the interval for automatically sending the logs to the server. Value: <b>Daily, Weekly, Monthly</b></td> </tr> <tr> <td data-bbox="341 1126 568 1227"><b>Time</b></td> <td data-bbox="568 1126 1326 1227">Sets the time for automatically sending the logs to the server. This can be set when <b>“daily”</b> is set for the <b>“sending interval.”</b> Value: <b>00:00 to 23:59</b></td> </tr> <tr> <td data-bbox="341 1227 568 1395"><b>Day</b></td> <td data-bbox="568 1227 1326 1395">Sets the days of the week for automatically sending the logs to the server. This can be set when <b>“weekly”</b> is set for the <b>“sending interval.”</b> Value: <b>Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday</b></td> </tr> <tr> <td data-bbox="341 1395 568 1630"><b>Date</b></td> <td data-bbox="568 1395 1326 1630">Sets the dates for automatically sending the logs to the server. This can be set when <b>“monthly”</b> is set for the <b>“sending interval.”</b> Value: <b>1 to 31</b>  <b>Note</b> If the date selected is not available for a specific month, then log files are sent on the last day of that month. For example, if selected date is 31, then for the month of April with only 30 days, the log files are sent on April 30.</td> </tr> </table>	<b>Sending interval</b>	Sets the interval for automatically sending the logs to the server. Value: <b>Daily, Weekly, Monthly</b>	<b>Time</b>	Sets the time for automatically sending the logs to the server. This can be set when <b>“daily”</b> is set for the <b>“sending interval.”</b> Value: <b>00:00 to 23:59</b>	<b>Day</b>	Sets the days of the week for automatically sending the logs to the server. This can be set when <b>“weekly”</b> is set for the <b>“sending interval.”</b> Value: <b>Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday</b>	<b>Date</b>	Sets the dates for automatically sending the logs to the server. This can be set when <b>“monthly”</b> is set for the <b>“sending interval.”</b> Value: <b>1 to 31</b>  <b>Note</b> If the date selected is not available for a specific month, then log files are sent on the last day of that month. For example, if selected date is 31, then for the month of April with only 30 days, the log files are sent on April 30.
<b>Sending interval</b>	Sets the interval for automatically sending the logs to the server. Value: <b>Daily, Weekly, Monthly</b>								
<b>Time</b>	Sets the time for automatically sending the logs to the server. This can be set when <b>“daily”</b> is set for the <b>“sending interval.”</b> Value: <b>00:00 to 23:59</b>								
<b>Day</b>	Sets the days of the week for automatically sending the logs to the server. This can be set when <b>“weekly”</b> is set for the <b>“sending interval.”</b> Value: <b>Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday</b>								
<b>Date</b>	Sets the dates for automatically sending the logs to the server. This can be set when <b>“monthly”</b> is set for the <b>“sending interval.”</b> Value: <b>1 to 31</b>  <b>Note</b> If the date selected is not available for a specific month, then log files are sent on the last day of that month. For example, if selected date is 31, then for the month of April with only 30 days, the log files are sent on April 30.								
<b>Generate configuration file</b>	Clicking this will generate the configuration file. The generated configuration file is used by users who do not have administrator privileges to use the log settings.								

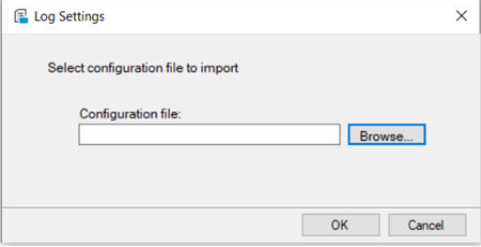
Item	Description
View event log	Displays the change history of the log settings. 

## Configuring the Log Settings (Users)

This section will show you how to configure the log settings (users).

- 1 Configure the necessary items and click “OK.”



Item	Description								
Update using configuration file	<p>Log settings can be updated by clicking “<b>Import</b>” to load the configuration file provided by a user with administrator privileges.</p> 								
Export job logs to file	Click “ <b>Export</b> ” to output the job logs to a file.								
Send logs to server folder	Click “ <b>Send now</b> ” to manually send the logs.								
Schedule	<table border="1"> <tr> <td data-bbox="341 741 568 815"><b>Sending interval</b></td> <td data-bbox="568 741 1327 815">Sets the interval for automatically sending the logs to the server. Value: <b>Daily, Weekly, Monthly</b></td> </tr> <tr> <td data-bbox="341 815 568 920"><b>Time</b></td> <td data-bbox="568 815 1327 920">Sets the time for automatically sending the logs to the server. This can be set when “<b>daily</b>” is set for the “<b>sending interval.</b>” Value: <b>00:00 to 23:59</b></td> </tr> <tr> <td data-bbox="341 920 568 1084"><b>Day</b></td> <td data-bbox="568 920 1327 1084">Sets the days of the week for automatically sending the logs to the server. This can be set when “<b>weekly</b>” is set for the “<b>sending interval.</b>” Value: <b>Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday</b></td> </tr> <tr> <td data-bbox="341 1084 568 1314"><b>Date</b></td> <td data-bbox="568 1084 1327 1314">Sets the dates for automatically sending the logs to the server. This can be set when “<b>monthly</b>” is set for the “<b>sending interval.</b>” Value: <b>1 to 31</b>  <b>Note</b> If the date selected is not available for a specific month, then log files are sent on the last day of that month. For example, if selected date is 31, then for the month of April with only 30 days, the log files are sent on April 30.</td> </tr> </table>	<b>Sending interval</b>	Sets the interval for automatically sending the logs to the server. Value: <b>Daily, Weekly, Monthly</b>	<b>Time</b>	Sets the time for automatically sending the logs to the server. This can be set when “ <b>daily</b> ” is set for the “ <b>sending interval.</b> ” Value: <b>00:00 to 23:59</b>	<b>Day</b>	Sets the days of the week for automatically sending the logs to the server. This can be set when “ <b>weekly</b> ” is set for the “ <b>sending interval.</b> ” Value: <b>Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday</b>	<b>Date</b>	Sets the dates for automatically sending the logs to the server. This can be set when “ <b>monthly</b> ” is set for the “ <b>sending interval.</b> ” Value: <b>1 to 31</b>  <b>Note</b> If the date selected is not available for a specific month, then log files are sent on the last day of that month. For example, if selected date is 31, then for the month of April with only 30 days, the log files are sent on April 30.
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# 8 Maintenance

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## General Information

This chapter describes basic maintenance tasks you can perform for the machine. You can replace the toner cartridge according to the machine's status:

Also, the internal parts need periodic cleaning.

## Toner Cartridge Replacement

The **Attention** indicator identifies the toner status at two stages of toner usage.

- When the machine becomes low on toner, the **Attention** indicator flashes and a message appears in KYOCERA Client Tool. Note the replacement is not always necessary at this stage.
- If you ignore the above status and continue printing, E7 appears in the display on the operation panel, the **Attention** indicator will light up just before the toner is used up and the machine will stop. The toner cartridge must then be replaced immediately.

In either case, replace the toner cartridge.

Printing can be continued by pressing and holding **[Start]** () for 3 seconds or more. but, we cannot guarantee the print quality. If the print is getting faint, replace the toner cartridge with a new one.

**IMPORTANT** Once the toner cartridge is installed, use it until the replacement message comes out. Do not replace it with the another toner cartridge in the middle of using it.

In case a toner cartridge used is used in the another machine, the toner remaining amount display or the toner empty detection might be indicated wrongly.

## Frequency of toner cartridge replacement

According to ISO/IEC 19752 the toner cartridge can print as follows (A4/Letter paper is assumed): 1,500 pages.

You can print a status page to check how much toner remains in the toner cartridge. The Toner Gauge in the consumables status section on the status page shows a toner percentage, which roughly represents how much toner is left in the toner cartridge.

## Toner Kits

For best results, we recommend that you only use genuine Kyocera Parts and Supplies. Should any damage be caused by the application of a toner other than the original toner, then this damage is excluded from the guarantee.

A new toner kit contains the following items:

- Toner Cartridge
- Plastic waste bag for old toner cartridge
- Installation Guide



**Note** Do not remove the toner cartridge from the carton until you are ready to install it in the machine.

## Replacing the Toner Cartridge

This section explains how to replace the toner cartridge.



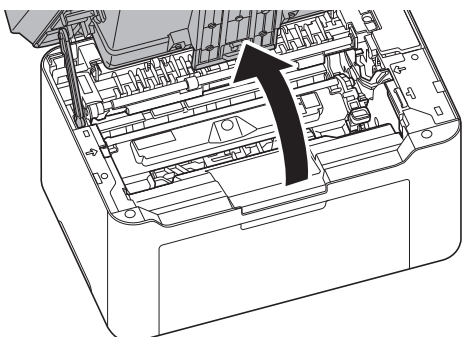
**CAUTION** Do not attempt to incinerate the Toner Cartridge. Dangerous sparks may cause burns.

KYOCERA Document Solutions Inc. is not liable against any damages or problems arising from the use of toner cartridges other than those designated as original Kyocera toner cartridges. For optimum performance, it is also recommended to use only the Kyocera toner cartridges which are specifically intended for use in your country or region.

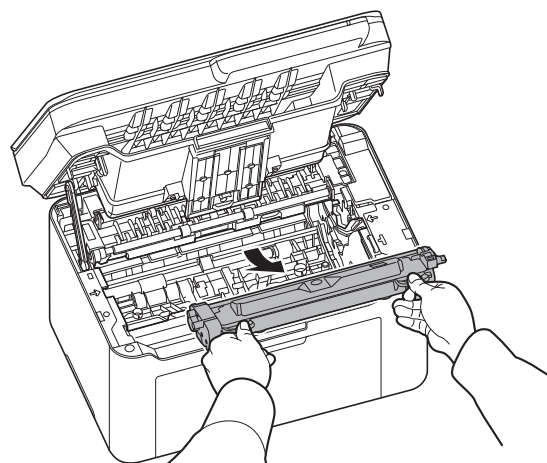
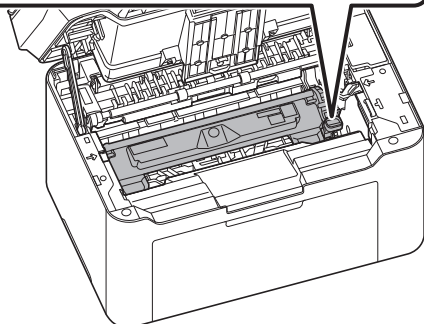
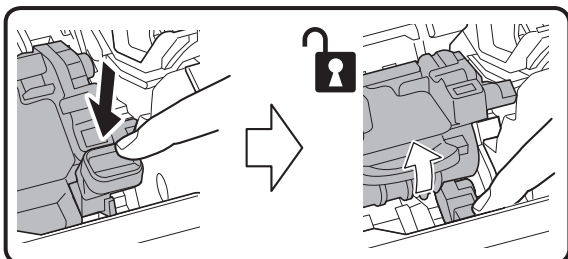


**Note** You do not have to turn machine power off before starting the replacement. Any data that may be processing in the machine will be deleted if you turn the machine power off.

- 1 Open the top cover.

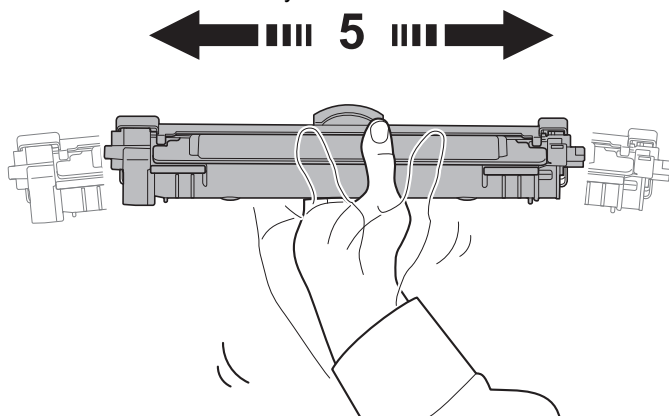


- 2 Push the toner cartridge lock button and then, lift the toner cartridge out of the machine.

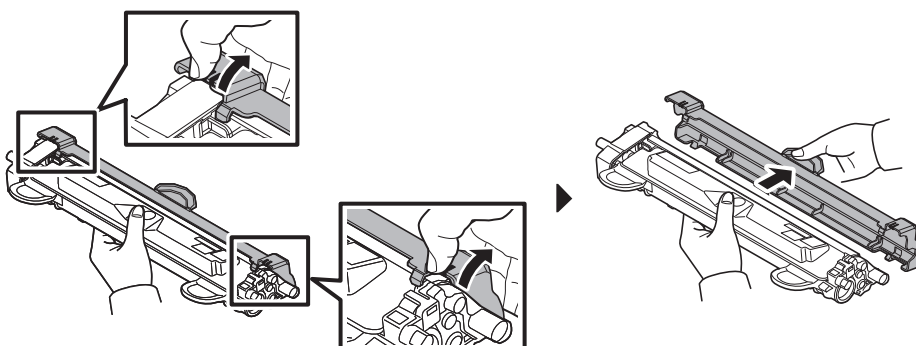


**Note** Put the old toner cartridge in the plastic bag (supplied with the new toner kit) and discard it later according to the local code or regulations for waste disposal.

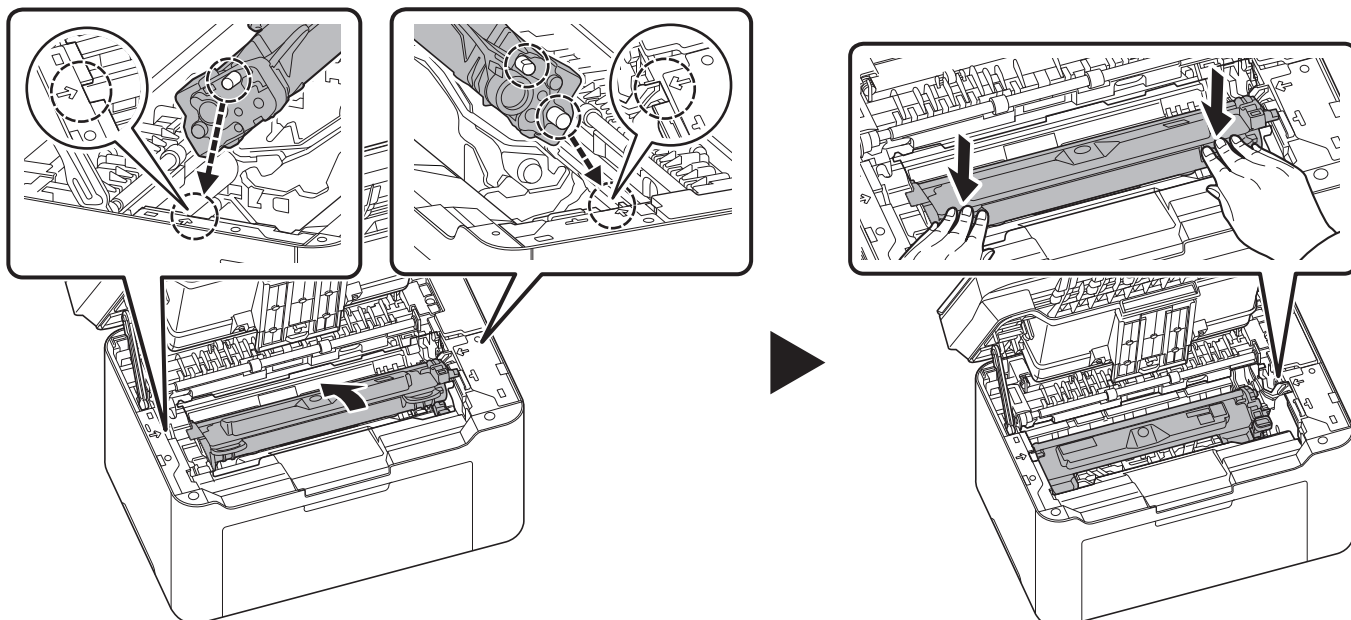
- 3** Take the new toner cartridge out of the toner kit. Shake the new toner cartridge at least 5 times as shown in the figure in order to distribute the toner evenly inside the container.




- 4** Remove the cover from the toner cartridge.



- 5** Set the new toner cartridge to its position, aligning the guides at both ends with the slots in the machine. After that, press the levers on both ends of the toner cartridge until they click.



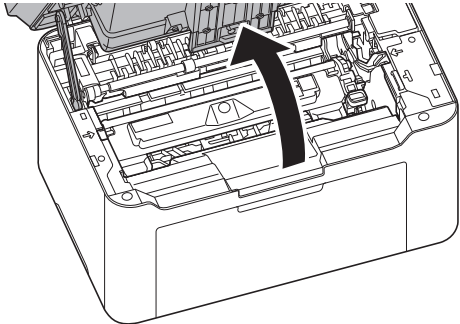
- 6** Close the top cover.

 **Note** Return the exhausted toner cartridge to your dealer or service representative. The collected toner cartridge will be recycled or disposed in accordance with the relevant regulations.

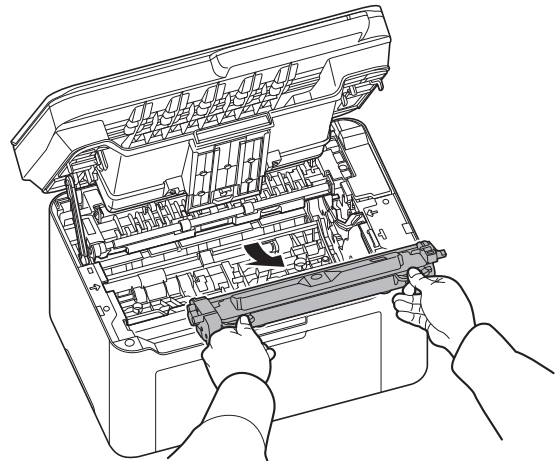
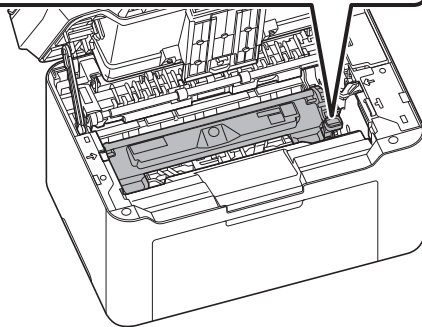
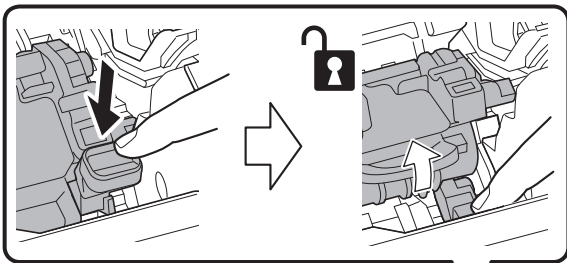
## Drum unit Replacement

When the cumulative printing count reaches 10,000, the Attention Indicator flashes. Replace the drum unit immediately.

- 1 Open the top cover.

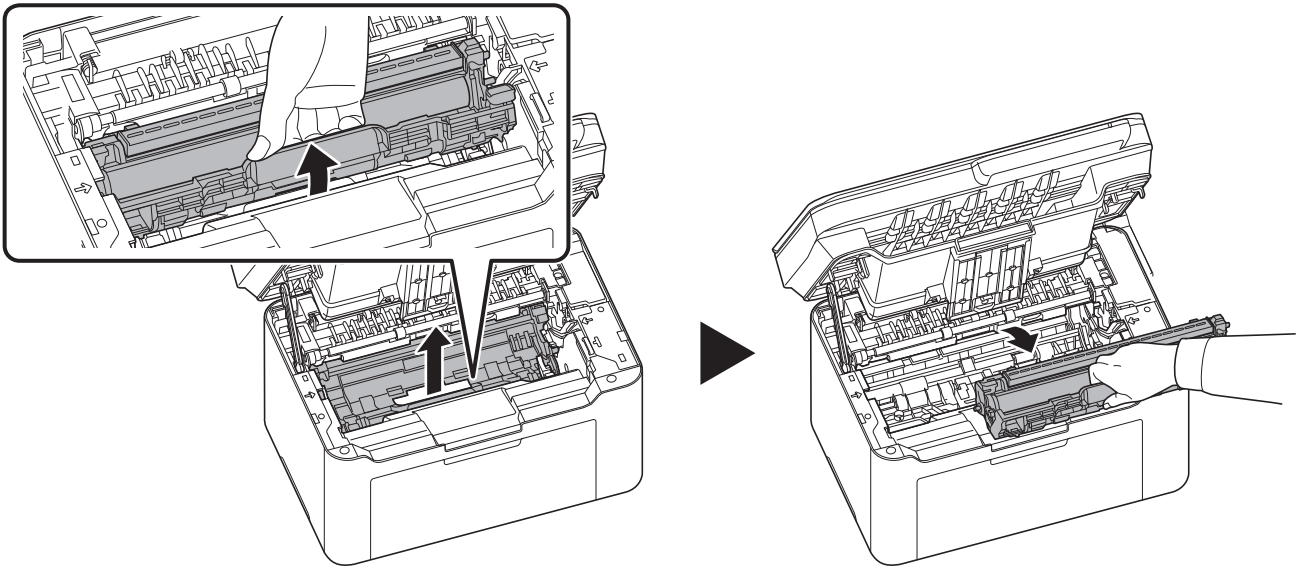


- 2 Push the toner cartridge lock button and then, lift the toner cartridge out of the machine.



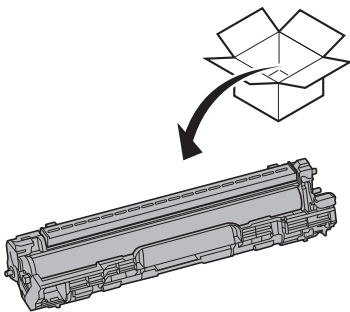


- 3** Pull up the drum unit lever, and remove the drum unit.

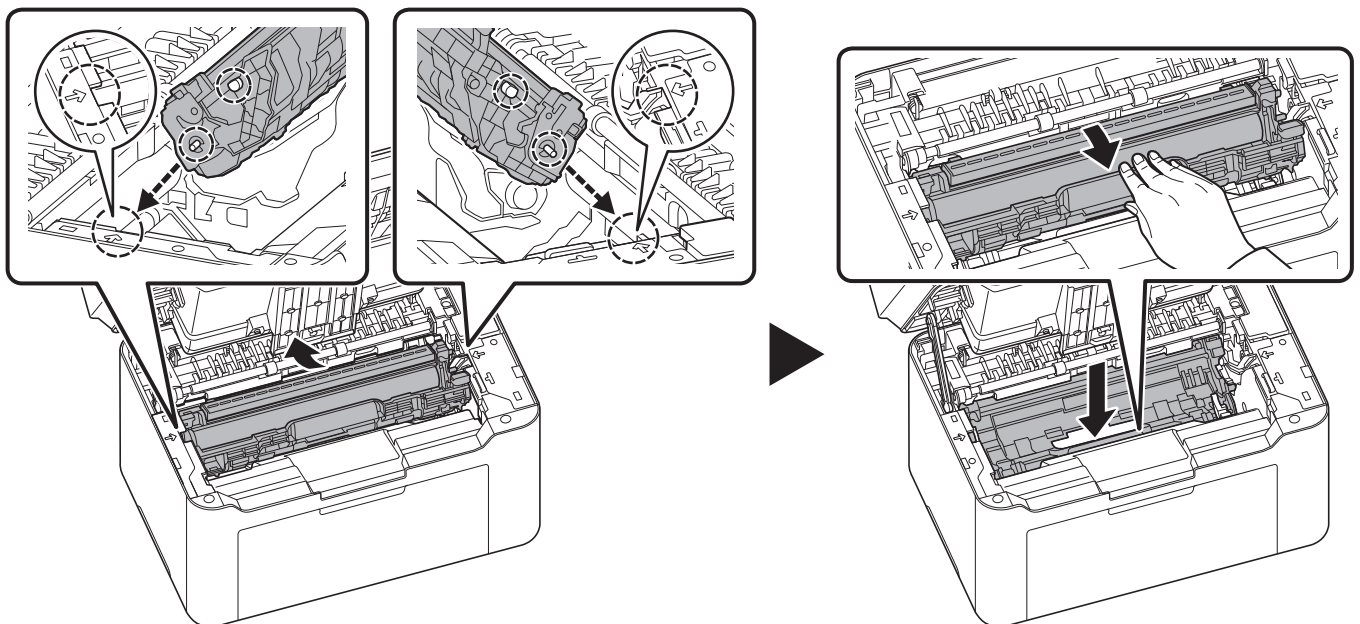


**Note** Put the old drum unit in the plastic bag (supplied with the new drum kit) and discard it later according to the local code or regulations for waste disposal.

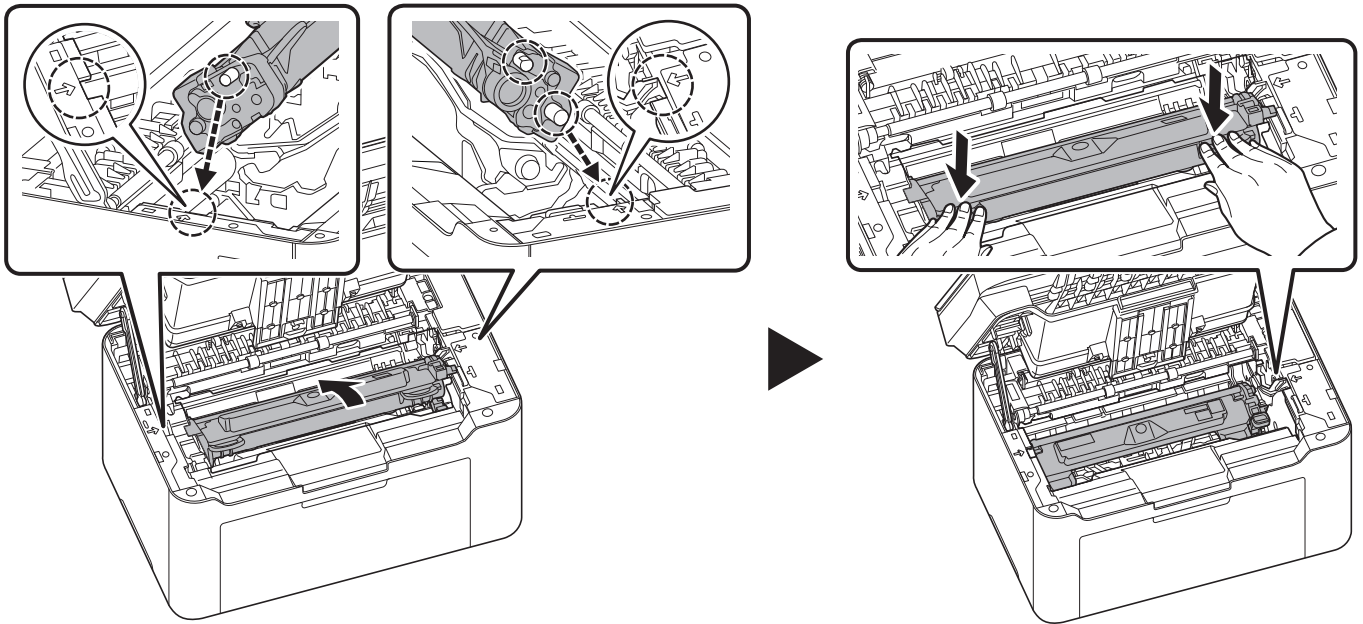
- 4** Take the new drum unit out of the drum kit.



- 5** Return the new drum unit to its position, aligning the guides at both ends with the slots in the machine. After that, press down the drum unit lever until they click.




- 6** Set the toner cartridge to its position, aligning the guides at both ends with the slots in the machine. After that, press the levers on both ends of the toner cartridge until they click.



- 7** Close the top cover.



**Note** If you hear a noise after closing the top cover, remove drum unit and toner cartridge and set them again.

- 8** Press and hold **[Stop]** (  ) and Mode Select key for 5 seconds to stop flashing of the Attention Indicator.



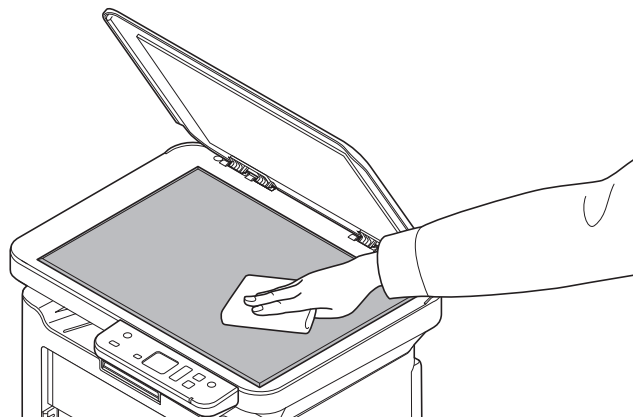
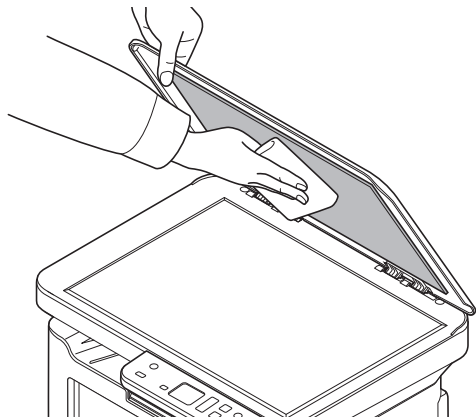
**Note** You can also stop flashing of the Attention Indicator from the Maintenance Menu of the KYOCERA Client Tool. Refer to *Maintenance Menu* on page 8-15.


## Cleaning the Machine

Clean the machine regularly to ensure optimum output quality.

### Original Cover/Platen


Wipe the backside of the original cover and the platen with a soft cloth dampened with alcohol or mild detergent.



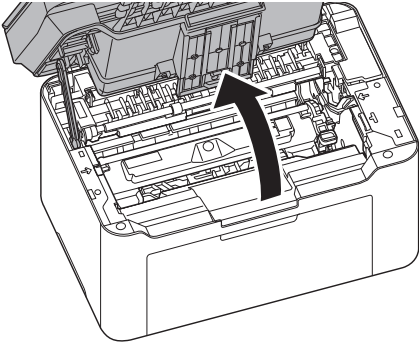
 **Note** Do not use organic solvents or other strong chemicals.

## Cleaning the Machine

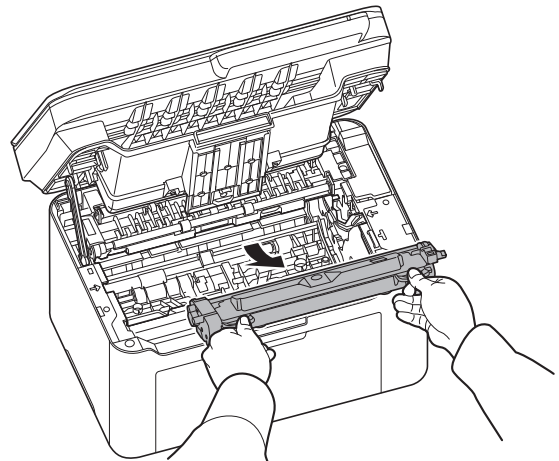
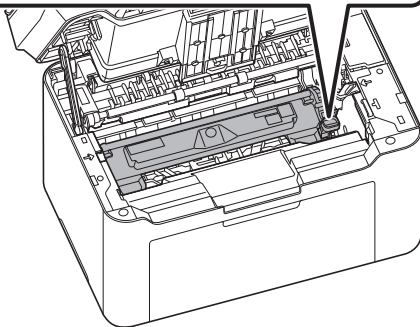
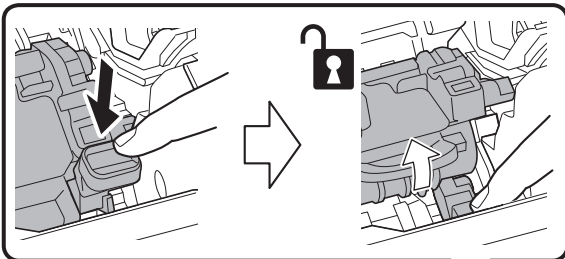
To avoid print quality problems, the interior of the machine must be cleaned with every toner cartridge replacement.

 **Note** Place the removed toner cartridge and drum unit on a sheet of paper to prevent staining other items.

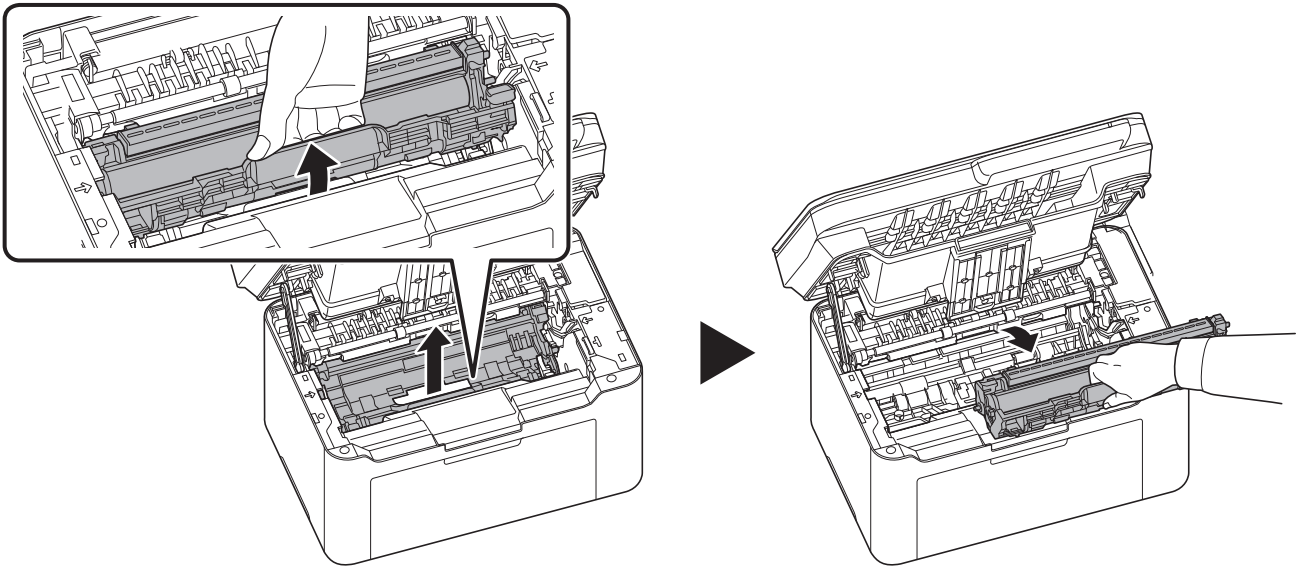
- 1 Open the top cover.




- 2 Push the toner cartridge lock button and then, lift the toner cartridge out of the machine.

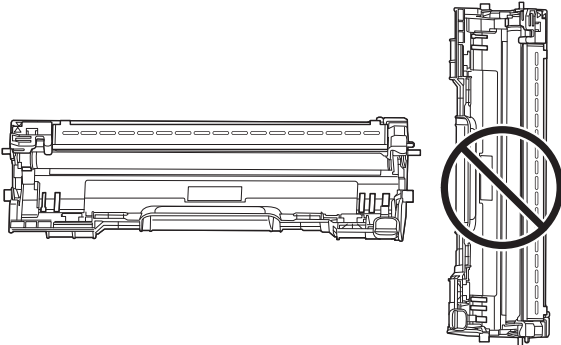


- 3 Pull up the drum unit lever, and remove the drum unit.



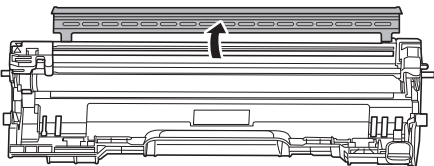
 **Note** The drum unit is sensitive to light. Never expose the drum unit to light for more than five minutes.

- 4 Place the drum unit flat on a clean, level surface.

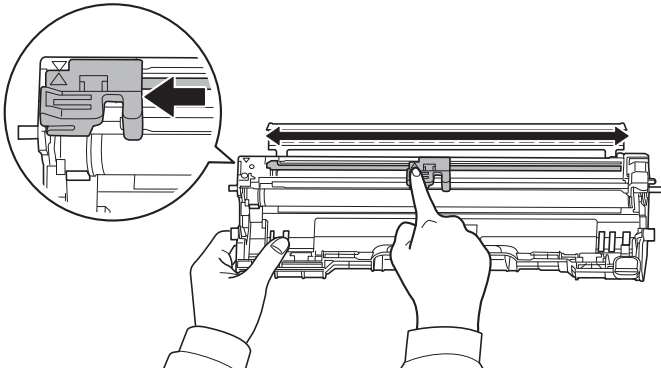


**IMPORTANT** Do not place the drum unit on end.

- 5 Open the charger cover.

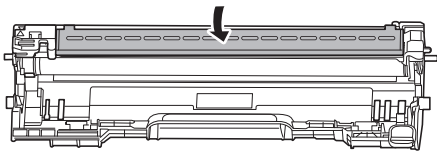


- 6** On the drum unit, slide the main charger cleaner (gray) back and forth 2 or 3 times to clean the charger wire, then return it to its original position (CLEANER HOME POSITION)

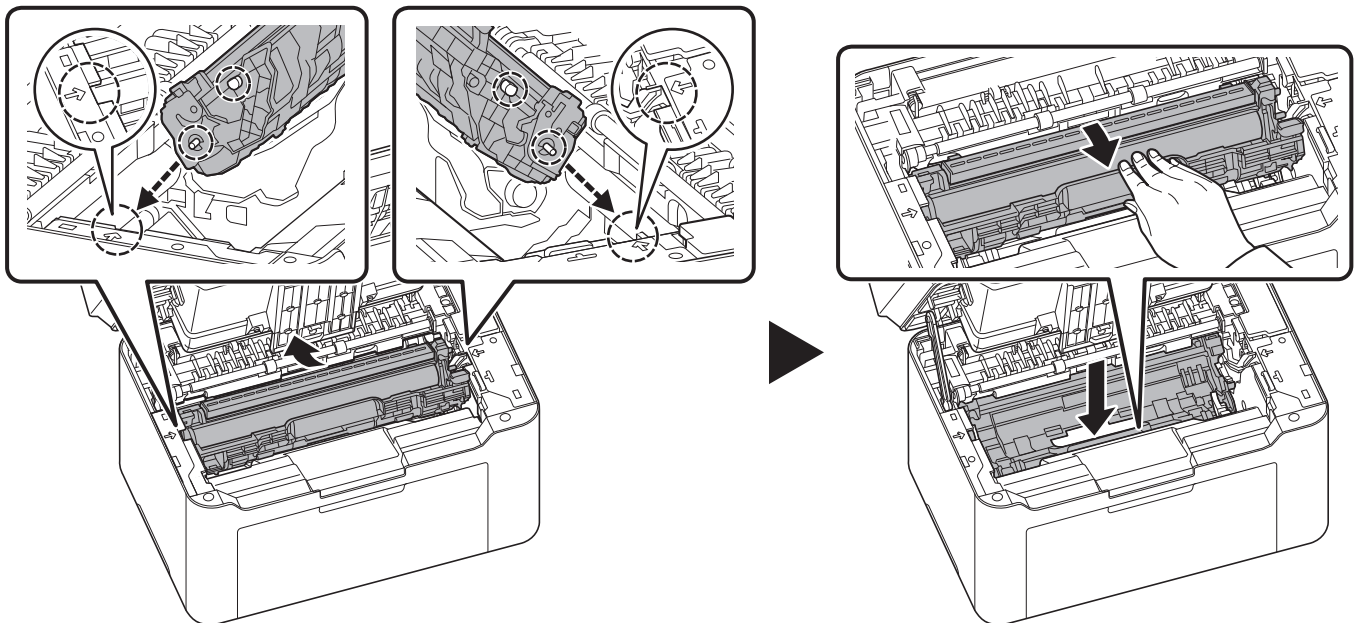


**IMPORTANT** Remove the fixing tape on the main charger cleaner before cleaning for the first time. After cleaning, make sure you restore the main charger cleaner to its home position.

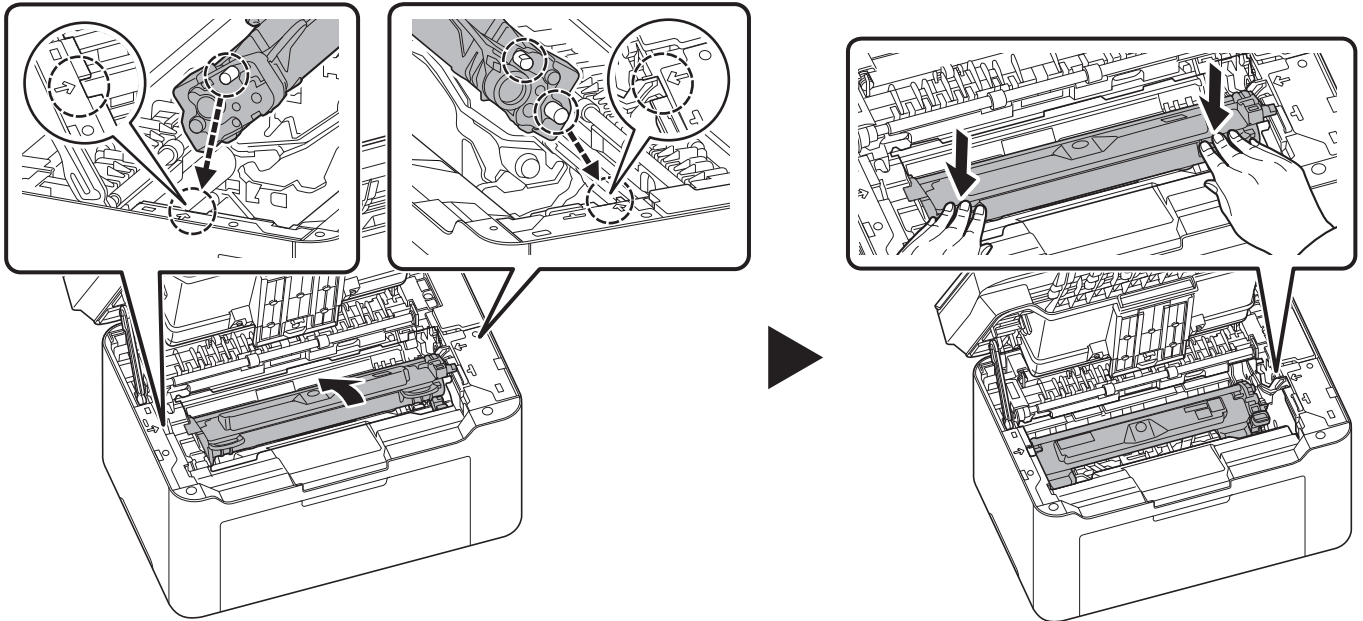
- 7** Close the charger cover.



- 8** After cleaning, return the removed drum unit to its position, aligning the guides at both ends with the slots in the machine. After that, press down the drum unit lever until they click.



- 9 Set the toner cartridge to its position, aligning the guides at both ends with the slots in the machine. After that, press the levers on both ends of the toner cartridge until they click.




- 10 Close the top cover.



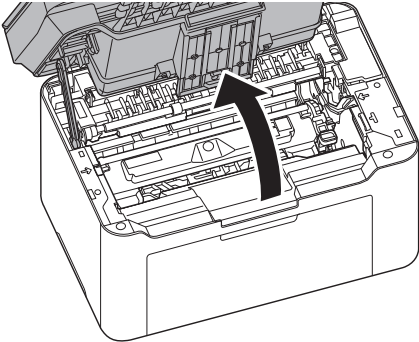
**Note** If you hear a noise after closing the top cover, remove drum unit and toner cartridge and set them again.

## Cleaning the Drum Unit

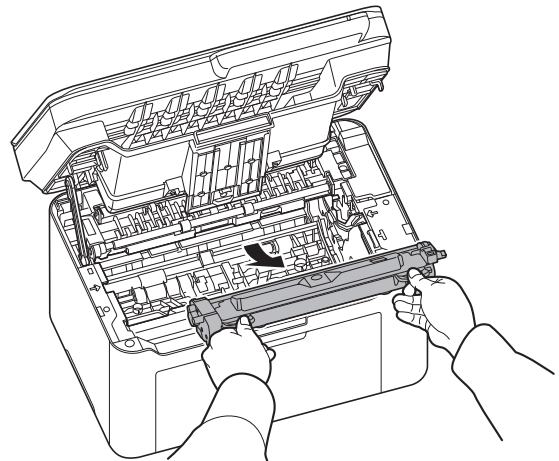
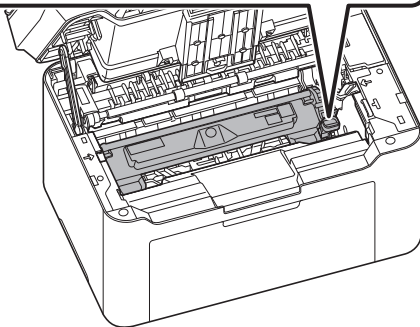
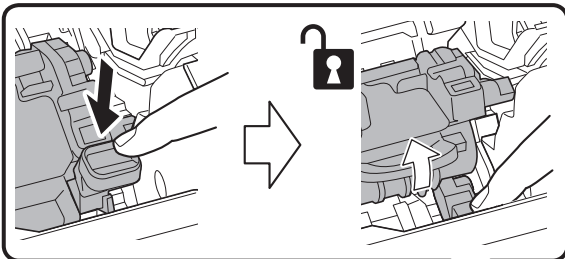
Clean the drum unit if black or white dots appear on printed pages.

 **Note** Place the removed toner cartridge and drum unit on a sheet of paper to prevent staining other items.

- 1 Open the top cover.

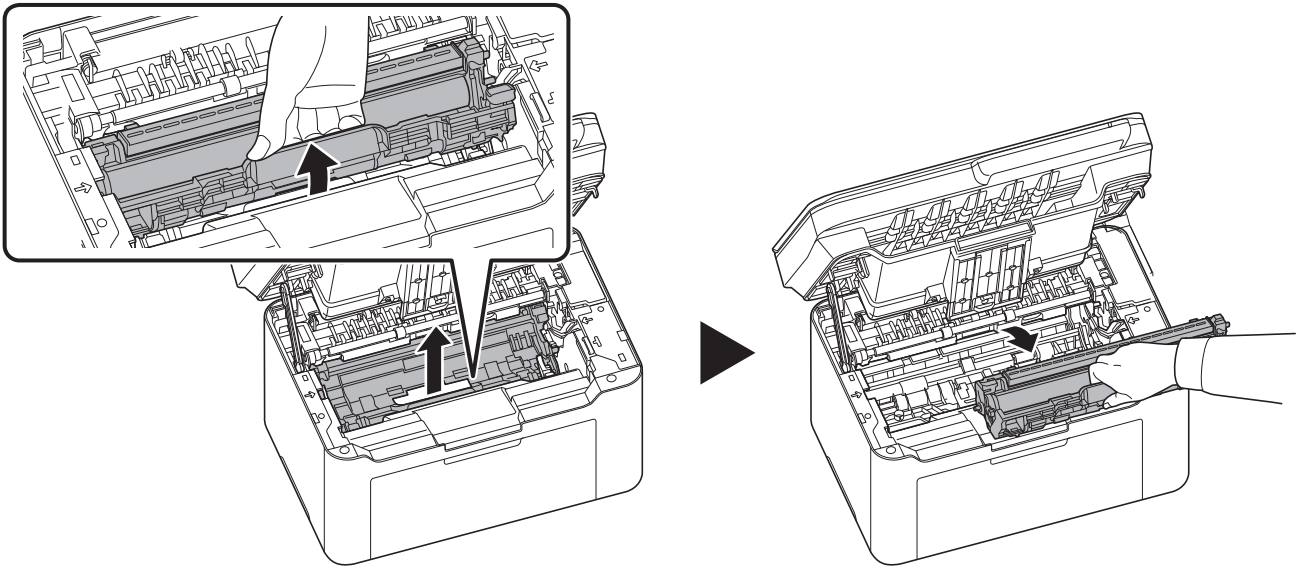



- 2 Push the toner cartridge lock button and then, lift the toner cartridge out of the machine.



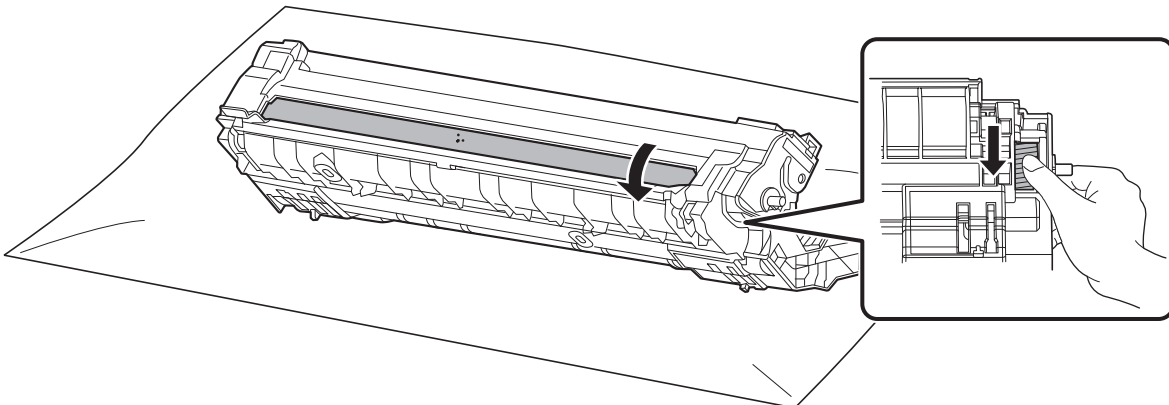


- 3 Pull up the drum unit lever, and remove the drum unit.




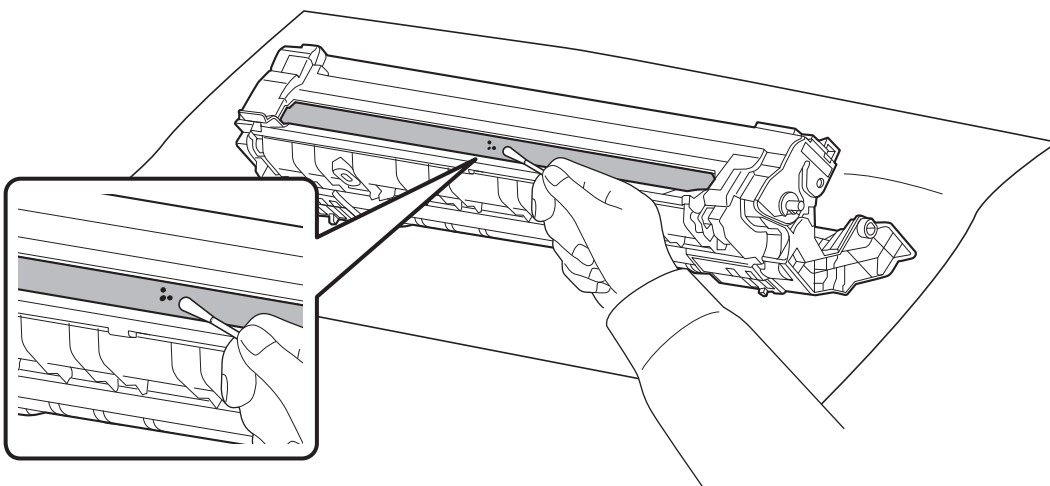
 **Note** The drum unit is sensitive to light. Never expose the drum unit to light for more than five minutes.

- 4 Turn the drum unit gear by hand while looking at the surface of the drum roller.

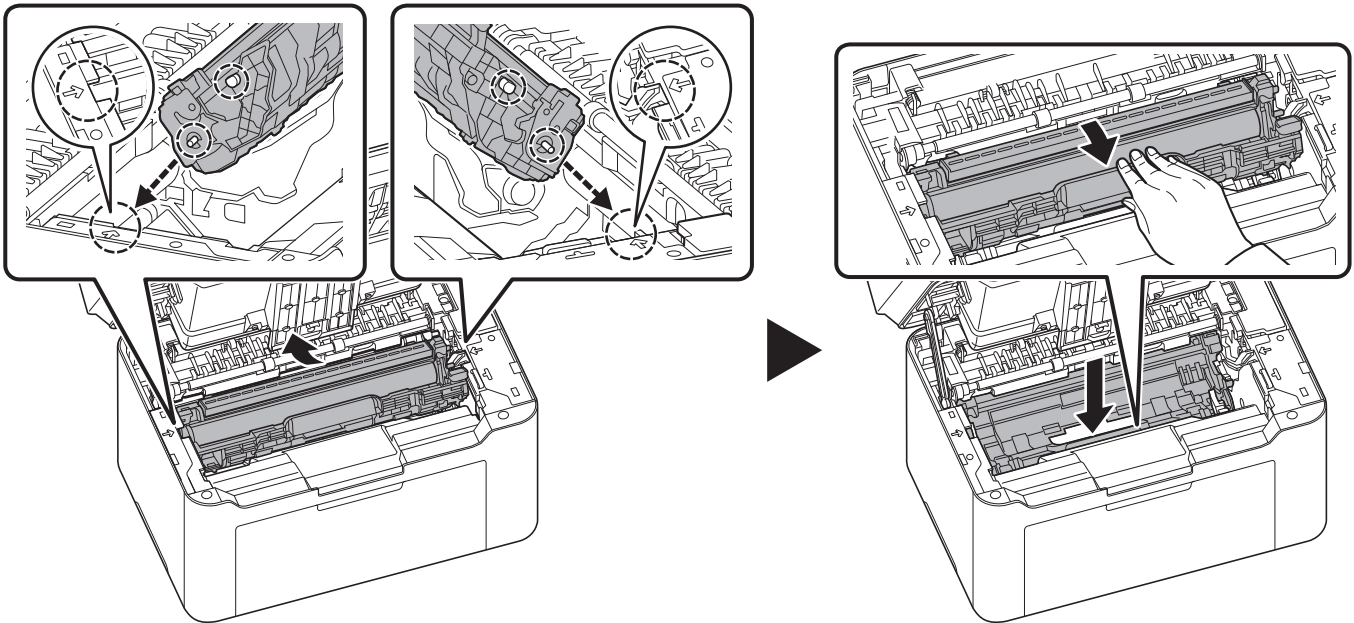


- 5 Wipe the surface of the drum gently with a dry cotton swab until the dust or glue on the surface comes off.

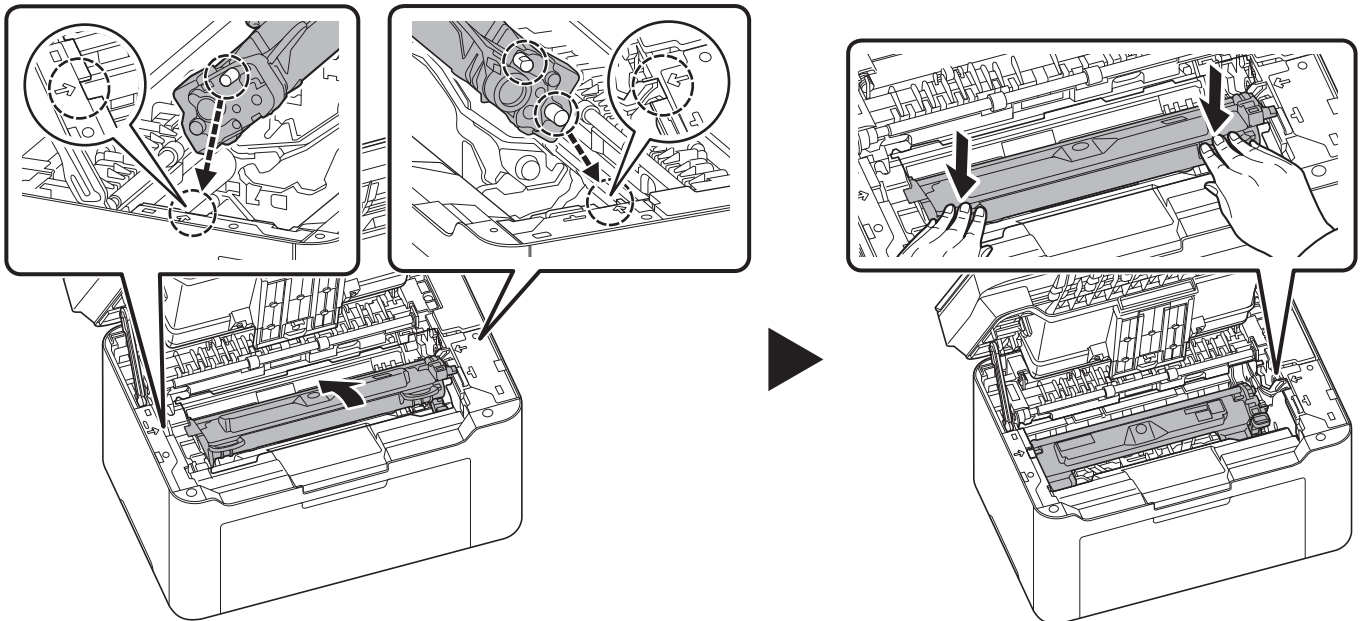
 **Note** Do not use alcohol or any solvents when cleaning.



- 6** After cleaning, return the removed drum unit to its position, aligning the guides at both ends with the slots in the machine. After that, press down the drum unit lever until they click.



- 7** Set the toner cartridge to its position, aligning the guides at both ends with the slots in the machine. After that, press the levers on both ends of the toner cartridge until they click.



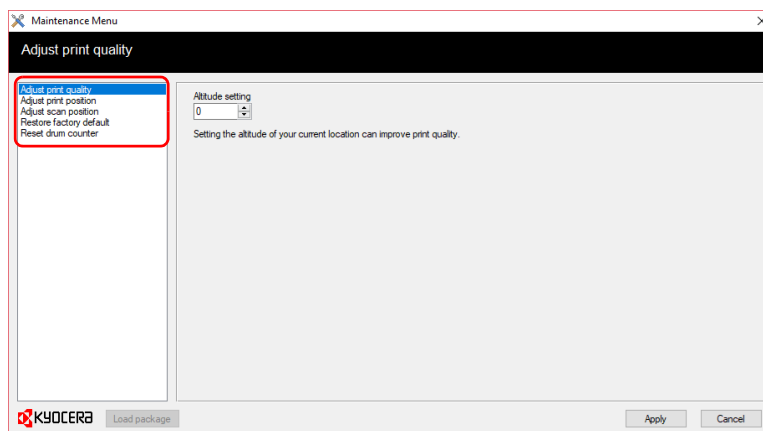
- 8** Close the top cover.




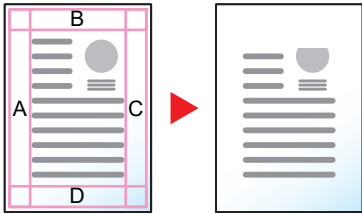
**Note** If you hear a noise after closing the top cover, remove drum unit and toner cartridge and set them again.

## Maintenance Menu

The Maintenance Menu that the user can adjust from KYOCERA Client Tool is described below. In addition, also refer to *KYOCERA Client Tool User Guide*.



Maintenance Menu	Description	
<b>Adjust print quality</b>	<b>Altitude setting</b>	If you are using the machine at an altitude of 1500 m or higher and print quality has deteriorated, the <b>Altitude setting</b> can be used to restore print quality.
<b>Adjust print position</b>	<b>Printing start position</b>	<p><b>Single-sided printing</b> Adjust the position of the printed image.</p> <p>A: Left edge B: Top edge</p> <p>Top edge: +10</p>
	<b>Print margins</b>	<p>Adjust the width of the top edge, bottom edge, left edge and right edge margins.</p> <p><b>Note</b> This setting is not effective for the printing from the machine.</p> <p>A: Left edge B: Top edge C: Right edge D: Bottom edge</p> <p>Top edge: +10</p>

Maintenance Menu		Description	
<b>Adjust scan position</b>	<b>Scanning start position</b>	Adjust the position of the scanned image.	
	<b>Scan margins</b>	Adjust the width of the top edge, bottom edge, left edge and right edge margins.	 <p>A: Left edge B: Top edge C: Right edge D: Bottom edge</p>
<b>Restore factory default</b>		Restore factory default settings.	
<b>Reset drum counter</b>		Reset drum counter after replacing drum unit.	

## Prolonged Non-Use and Moving of the Machine

### Prolonged Non-use

If you ever leave the machine unused for a long period of time, remove the power cord from the wall outlet.

We recommend you consult with your dealer about the additional actions you should take to avoid possible damage that may occur when the machine is used next time.

### Moving the Machine

When you move the machine:

- Move it gently.
- Keep it as level as possible to avoid spilling toner inside the machine.
- Be sure to consult a service representative before attempting long distance transportation of the machine.
- Keep the machine horizontal.



**WARNING** If you are shipping the machine, remove and pack the toner cartridge and drum unit in a plastic bag and ship them separately from the machine.

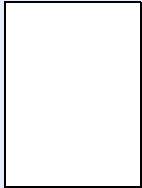

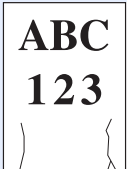
# 9 Troubleshooting


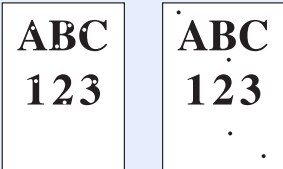
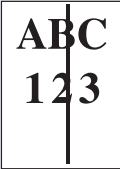
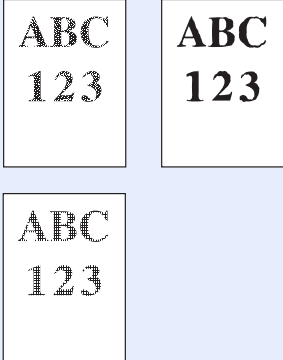

## Solving Malfunctions


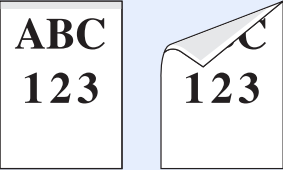
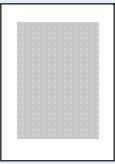


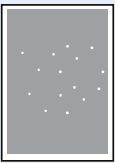
The table below provides general guidelines for problem solving.

If a problem occurs with your machine, look into the checkpoints and perform procedures indicated on the following pages. If the problem persists, contact your service representative.


Symptom	Checkpoints	Corrective Actions	Reference Page
The screen does not respond when <b>[Main Power]</b> (⏻) is turned on.	Check the power cord.	Connect both ends of the power cord securely.	3-1
Pressing <b>[Start]</b> (▶) does not produce copies.	Is there a message on the machine screen, KYOCERA Client Tool, or the Status Monitor?	Determine the appropriate response to the message and respond accordingly.	9-7
	Is the machine in Sleep mode?	Press any key on the operation panel to recover the machine from Sleep mode.	—
The indicators are off and the motor is not working.	Check the power cord.	Connect both ends of the power cord securely.	3-1
	—	Turn on the power.	—
The machine will not print from the computer.	Check the power cord.	Connect both ends of the power cord securely.	3-1
	Is the machine powered on?	Turn on <b>[Main Power]</b> (⏻).	—
	Are the interface cable connected?	Connect the correct interface cable securely.	3-1
	Was the machine powered on before the interface cable was connected?	Power on the machine after connecting the interface cable.	3-1
	Is the print job paused?	Resume printing.	—
	Is the <b>Attention</b> indicator lit or flashing? Does an error code appear in the display on the operation panel?	Using the information on page 9-7, check if an error has occurred and clear the error. If the indicators show a pattern not described on page 9-7, turn the power off and then on again. Print the job again.	9-7
	Check if a status page can be printed.	If the status page was printed successfully, there may be a problem with the connection to the computer. Check the connection. To print the status page, refer to <i>Printing Reports</i> on page 3-59.	3-1
The machine prints a status page but data from the computer is not being printed.	Check the interface cable.	Connect both ends of the interface cable securely. Try replacing the interface cable.	3-1
	Check program files and application software.	Try printing another file or using another print command. If the problem occurs with a specific file or application, check the printer settings for that application.	—

Symptom	Checkpoints	Corrective Actions	Reference Page
Vapor is emitted near the inner tray.	Check if the temperature is low near the location of the machine, or if the paper that is being used has been exposed to humidity.	Depending on the operating environment of the machine and the condition of the paper, heat generated during printing can evaporate water moisture in the printed paper, emitting vapor from the machine. In this case, printing can be continued without any problem. To correct this, increase the temperature in the room, and use paper that has been stored in a dry place.	—
Printing speed has slowed down.	Did you unplug the power cord?	It will return to normal printing speed in about 15 minutes.	—
Blank sheets are ejected. 	Are the originals loaded correctly?	When placing originals on the platen, place them face-down and align them with the original size indicator plates.	3-12
Paper often jams.	Is the paper loaded correctly?	Load the paper correctly.	3-8, 3-9
	Is the paper of the supported type? Is it in good condition?	Remove the paper, turn it over, and reload it.	3-3
	Is the paper curled, folded or wrinkled?	Replace the paper with new paper.	3-3
	Are there any loose scraps or jammed paper in the machine?	Remove any jammed paper.	9-9
	—	Clean the Paper feed roller.	9-16
2 or more sheets are overlaps when ejected. (multi feed) 	—	Load the paper correctly.	3-8
Printouts are wrinkled. 	Is the paper damp?	Replace the paper with new paper.	3-3

Symptom	Checkpoints	Corrective Actions	Reference Page
<p>Printouts are curled.</p> 	Is the paper damp?	Replace the paper with new paper.	3-3
Text is missing on the Windows test page.	—	This is a problem specific to the Windows OS. It is not a machine problem. It does not affect print quality.	—
<p>Printouts have dropouts or stray dots.</p> 	—	<p>Clean the drum unit.</p> <p>Select <b>Configuration &gt; Device Defaults &gt; Media type</b> and set it to <b>Custom7</b>. If there is still no improvement, Decrease the adjustment value for Print density in KYOCERA Client Tool.</p> <p>If there is still no improvement, return the setting to the original value.</p>	<p>8-12</p> <p>3-53</p>
<p>Printouts have vertical streaks</p> 	—	The drum unit may be damaged. If the problem is not solved even after printing several pages, call for service.	—
<p>Faint or blurred printing.</p> 	<p>Check the toner cartridge.</p> <p>Check the <b>Print density</b> setting in KYOCERA Client Tool.</p>	<p>If necessary, replace the toner cartridge.</p> <p>Increase the adjustment value for the <b>Print density</b> setting in KYOCERA Client Tool.</p>	<p>8-1</p> <p>3-53</p>
<p>White streaks appears.</p> 	Check the toner cartridge.	If necessary, replace the toner cartridge.	8-1

Symptom	Checkpoints	Corrective Actions	Reference Page
<p>Gray background.</p> 	<p>Check the toner cartridge.</p> <hr/> <p>Check the <b>Print density</b> setting in KYOCERA Client Tool.</p>	<p>If necessary, replace the toner cartridge.</p> <hr/> <p>Decrease the adjustment value for <b>Print density</b> in KYOCERA Client Tool.</p>	<p>8-1</p> <hr/> <p>3-53</p>
<p>Dirt on the top edge or back of the paper.</p> 	<p>Is the interior of the machine dirty?</p>	<p>If the problem is not solved even after printing several pages, clean the rollers, conveying unit and paper feed unit.</p> <p>If the problem is not solved after cleaning, call for service.</p>	<p>8-8</p>
<p>Copies have a moire pattern (dots grouped together in patterns and not aligned uniformly).</p> 	<p>Is the original a printed photograph?</p>	<p>Set the image quality to <b>Photo</b>.</p>	<p>3-45</p>
<p>Texts are not clearly printed.</p> 	<p>Did you choose appropriate image quality for the original?</p>	<p>Select appropriate image quality.</p>	<p>3-45</p>
<p>The previous image remains and lightly printed. In minor cases, residual image appears as black dots.</p> 	<p>—</p>	<p>Select <b>Configuration &gt; Device Defaults &gt; Media type</b> and set it to <b>Custom7</b>. If there is still no improvement, Decrease the adjustment value for Print density in KYOCERA Client Tool.</p> <p>If there is still no improvement, return the setting to the original value.</p>	<p>3-53</p>
<p>The altitude is 1,500 m or higher and irregular white dots appear in the image.</p> 	<p>—</p>	<p>Select <b>Maintenance Menu &gt; Adjust print quality &gt; Altitude setting</b> and increase the adjustment value. If there is no improvement after the value is increased by 1 level, increase by 1 level again. If there is still no improvement, return the setting to the original value.</p>	<p>8-15</p>



Symptom	Checkpoints	Corrective Actions	Reference Page
Images are skewed. 	Are the originals placed correctly?	When placing originals on the platen, align them with the original size indicator plates.	3-12
	Is the paper loaded correctly?	Check the position of the paper width guides.	3-9
	Are the application software settings at the PC set properly?	Check that the printing settings are correct in the application software and the printer driver.	—
Fuser failure (toner peels off when the printed area is rubbed by hand) occurs.	—	Select <b>Configuration &gt; Device Defaults &gt; Paper weight</b> and increase the setting value by 1 level. If there is still no improvement, return the setting to the original value.	3-53
Cannot scan.	Check the interface cable.	Connect both ends of the interface cable securely. Try replacing the interface cable.	3-1
	Is the save location correctly specified?	Check the path to the folder where the scanned image will be saved.	3-49
Change the printer driver from the Wireless connection to the USB connection.	—	Connect the machine and PC with the USB cable and install the driver again.	3-13 3-21

### Tips

Machine problems may be solved easily by following the tips below. When you have encountered a problem that cannot be solved following the guidelines above, try the following:

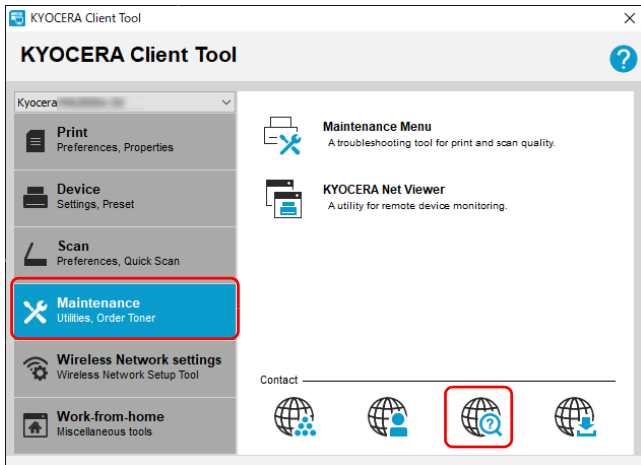
- Restart the computer you are using to send print jobs to the machine.
- Obtain and use the latest version of the printer driver. The latest versions of printer drivers and utilities are available at: <https://www.kyocera.info/>.
- Make sure that the procedures for printing are correctly followed in the application software. Consult the documentation supplied with the application software.

## Checking Troubleshooting on Website

Corrective actions for the currently occurring error can be checked by opening a troubleshooting page on our website.

### Checking from a PC

- 1 Start KYOCERA Client Tool according to the description in *Accessing KYOCERA Client Tool* on page 3-36.
- 2 Click the **Troubleshooting** icon in the **Maintenance** tab.



### Checking from a mobile device

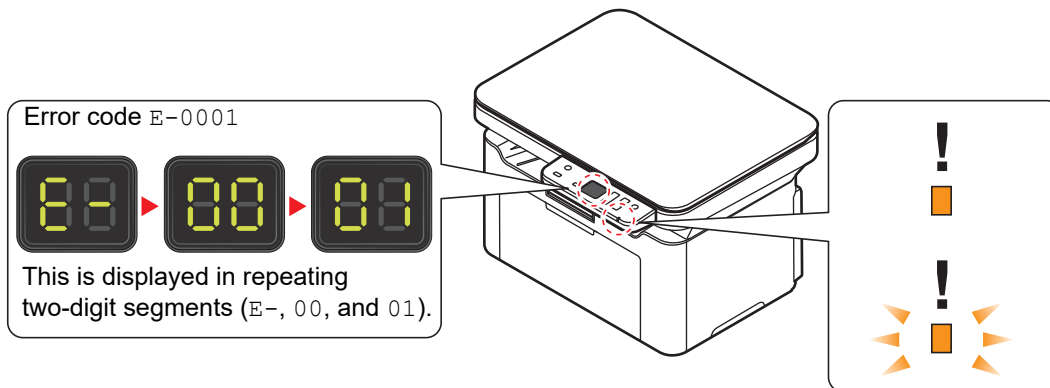
Scan a QR code on the label attached to the machine.

## Error Messages

If a problem has occurred in the machine, you will be notified by the following display.

- The **Attention** indicator on the operation panel is lit or flashing.
- An error code appears in the display on the operation panel.
- KYOCERA Client Tool and Status Monitor will show the status of the machine.





If the **Attention** indicator is lit or flashing and an error code appears in the display on the operation panel, check the KYOCERA Client Tool or Status Monitor.



**Note** If the indicators light or flash repeatedly in manners not described above, a service error has probably occurred. Turn off **[Main Power]** (⏻), unplug the power cord, and then plug the power cord back in and turn on **[Main Power]** (⏻). This may clear the error. Even if the error is not cleared, contact your service representative.

Problems that can be resolved by the user are described below.

Error Code	Message displayed in KYOCERA Client Tool and Status Monitor*	Meaning	Remedy
C-4200 C-4210	<b>Error has occurred</b>	There is a condensation inside the machine.	Please wait for about an hour and then, turn the power off and on. Refer to <i>Power On/Off</i> on page 3-2.
C-#### (except C-4200, C-4210)	<b>Error has occurred</b>	An error has occurred in the machine.	Make a note of the error code displayed on the operation panel, and contact your service representative.
E-0003	<b>Memory full</b>	Scanning cannot be performed due to insufficient memory of scanner.	Only the scanned pages are available. Press <b>[Stop]</b> (⏹) and the job will be canceled.
E-0004	<b>Error has occurred</b>	The number of scanned pages exceeds the maximum number.	The maximum number of scanned original pages is 99. Only the scanned pages are available. Press <b>[Stop]</b> (⏹) and the job will be canceled.
E7	<b>Add toner</b>	The toner has run out.	Replace with a new toner cartridge.
E-0008	<b>Cover open</b>	The top cover is open.	Close the top cover.
E-0009	<b>Inner tray full</b>	The inner tray is full of paper.	The machine pauses after 50 sheets are printed. Remove paper from the inner tray and press <b>[Start]</b> (⏻) to resume printing.
E-0010	—	The selected paper source in printer driver is not supported.	Press <b>[Start]</b> (⏻) to resume printing. Change the Paper Source of the printer driver.

Error Code	Message displayed in KYOCERA Client Tool and Status Monitor*	Meaning	Remedy
E-0012	<b>Memory overflow</b>	Unable to continue the job as the memory is used up.	Change the print resolution from Fast 1200 to 600 dpi. Refer to <i>Printer Driver User Guide</i> .
E-0014	<b>Paper size error</b>	The paper size in the paper source is different from the printer driver or KYOCERA Client Tool setting.	Load the proper size of paper in the paper source.
E-0015	—	The USB cable is not connected.	Press <b>[Stop]</b> (  ) and connect the USB cable.
		The PC is powered off.	Press <b>[Stop]</b> (  ) and turn the PC power on.
		Cannot find KYOCERA Client Tool.	Press <b>[Stop]</b> (  ) and open KYOCERA Client Tool.
—	<b>Not connected.</b>	The USB cable is not connected.	Connect the USB cable.
		The machine is powered off.	Turn the machine power on.
		Cannot find the appropriate driver.	Install the appropriate driver.
E-0016		An error occurs in image processing by the side of PC.	
E-0019	—	The machine cannot run this program due to unusable original size is registered in the program.	Press <b>[Stop]</b> (  ) and change the program settings.
E-0020		The toner cartridge is not install correctly.	Check the toner cartridge.
J-0511	<b>Paper jam</b>	A paper jam has occurred.	Refer to <i>Clearing Paper Jams</i> on page 9-9 and remove the jammed paper.
PF	<b>Add paper</b>	A paper jam has occurred in the cassette.	Refer to <i>Clearing Paper Jams</i> on page 9-9 and remove the jammed paper.
		There is no paper in the paper source.	Load paper into the paper source.
—	<b>Toner is running out.</b>	It is almost time to replace the toner cartridge.	Obtain a new toner cartridge.

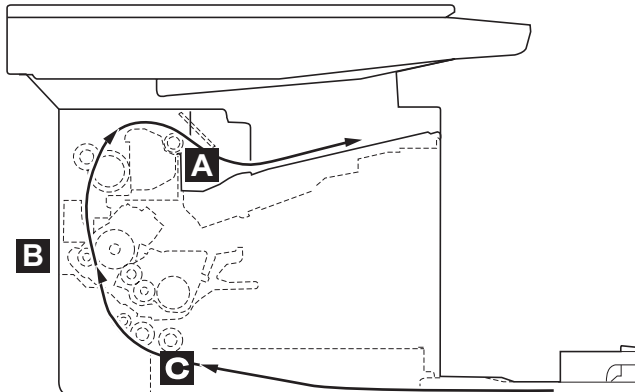
\* Events for which the Status Monitor provides notification can be set in the Configuration. Refer to *Configuration* on page 3-51.

## Clearing Paper Jams

If paper jams in the paper transport system, or no paper sheets are fed at all, the machine automatically goes offline, and the **Attention** indicator will flash. KYOCERA Client Tool can indicate the location of the paper jam (the component where the paper jam has occurred). Remove the paper jam. After removing the paper jam, the machine will resume printing.

### Possible Paper Jam Locations

Detailed paper jam positions are as follows. Refer to the indicated page number to remove the paper jam.



Paper Jam Locations	Error Code	Message displayed in KYOCERA Client Tool and Status Monitor	Description	Reference page
A	J-0511	Paper jam	A paper jam has occurred in paper output area.	9-10
B	J-0511	Paper jam	A paper jam has occurred inside the machine.	9-11
C	PF*	Add paper	A paper jam has occurred in the cassette.	9-14, 9-15

\* PF also appears when the paper has run out. In this case, add paper. Refer to *Loading Paper* on page 3-3.

### General Considerations for Clearing Jams

Bear in mind the following considerations when attempting paper jam removal:

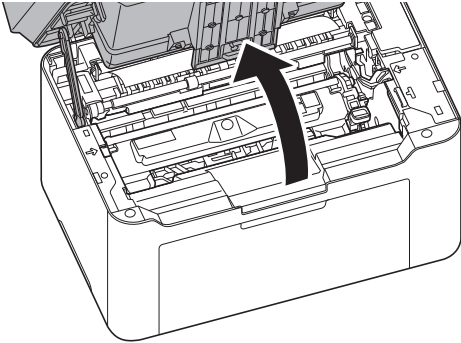


**CAUTION** When removing a paper jam, pull the paper gently so as not to tear it. Torn pieces of paper are difficult to remove and may be easily overlooked, deterring the paper jam recovery.

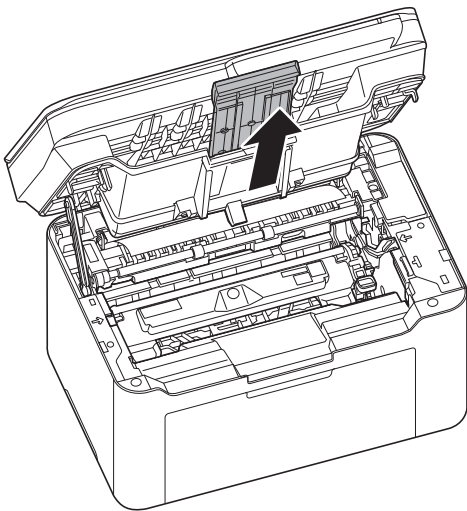
- If paper jams occur frequently, try using a different type of paper, replace the paper with paper from another ream, or flip the paper stack over. The machine may have problems if paper jams recur after the paper is replaced.
- Whether or not the jammed pages are reproduced normally after printing is resumed, depends on the location of the paper jam.

## Paper output area

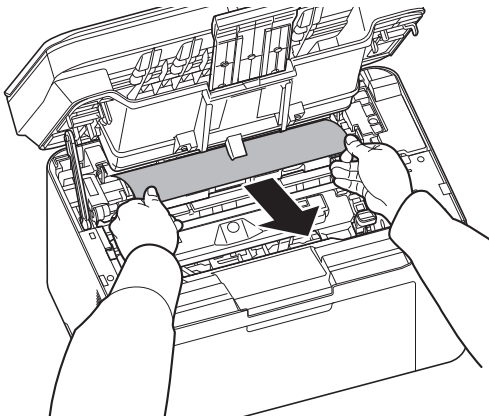
- 1 Open the top cover.



- 2 Open the paper stopper shown in the figure.




- 3 Remove any partially fed paper.

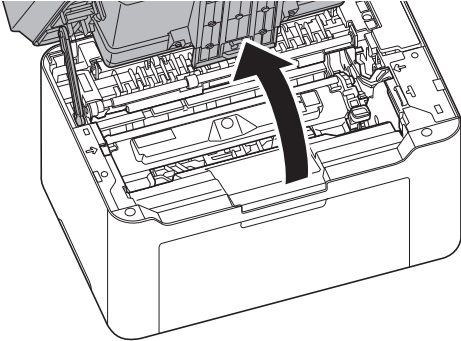


- 4 Close the paper stopper and top cover.  
The machine warms up and resumes printing.

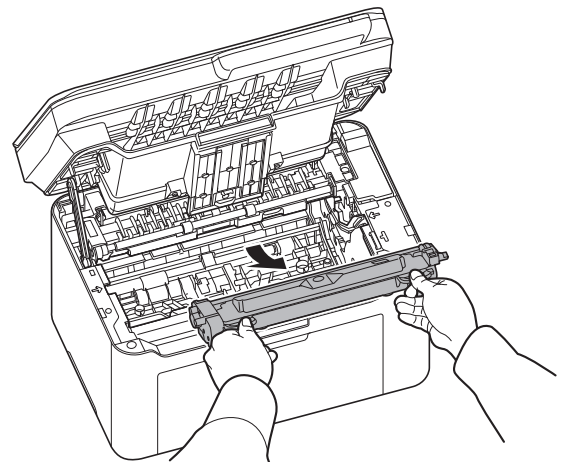
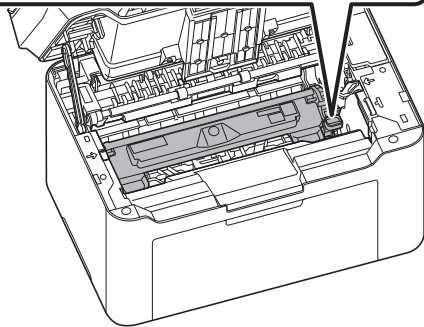
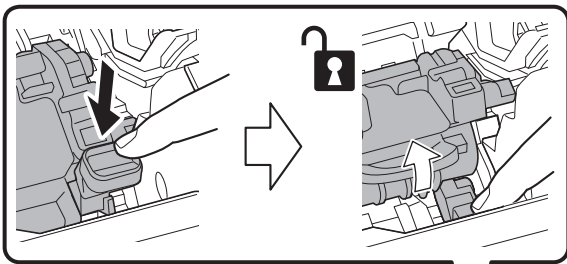
## Inside the Machine

 **Note** Place the removed toner cartridge and drum unit on a sheet of paper to prevent staining other items.

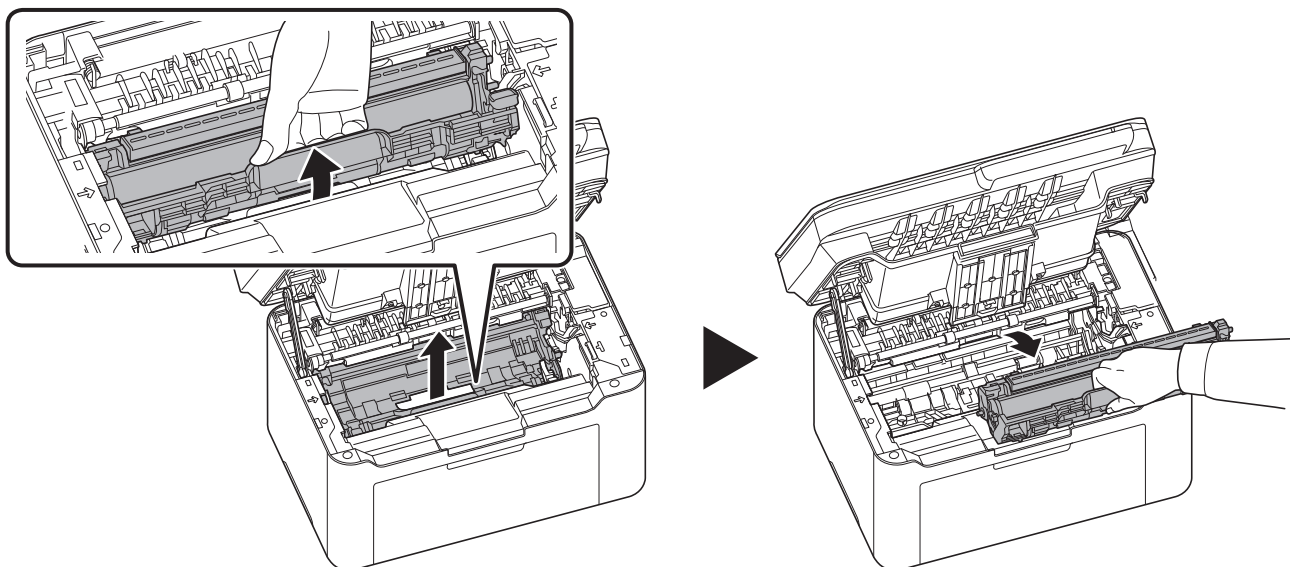
- 1 Open the top cover.





- 2 Push the toner cartridge lock button and then, lift the toner cartridge out of the machine.



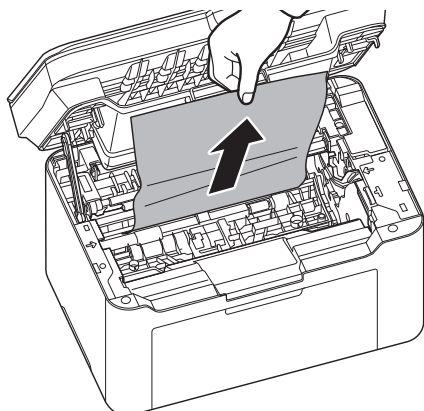
- 3** Pull up the drum unit lever, and remove the drum unit.



 **CAUTION** The fuser unit inside the machine is hot. Do not touch it, as it may result in burn injury.

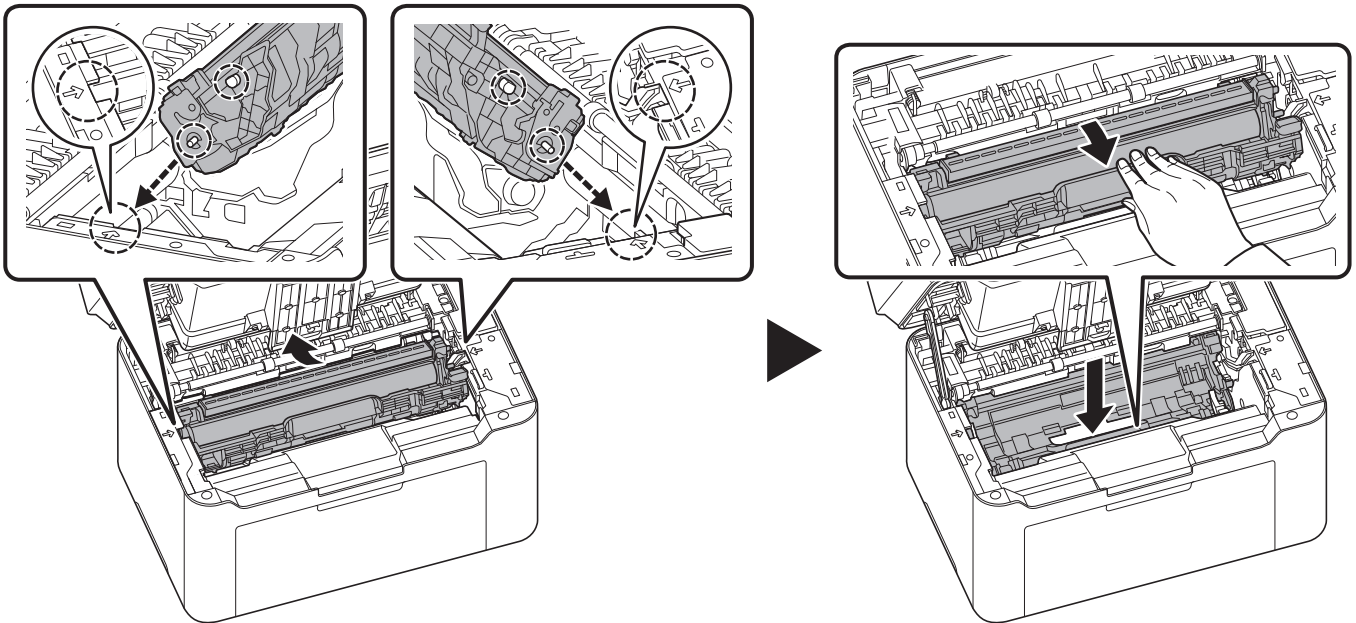
 **Note** The drum is sensitive to light. Never expose the drum unit to light for more than five minutes.

- 4** If the jammed paper appears to be pinched by rollers, pull it along the normal running direction of the paper.

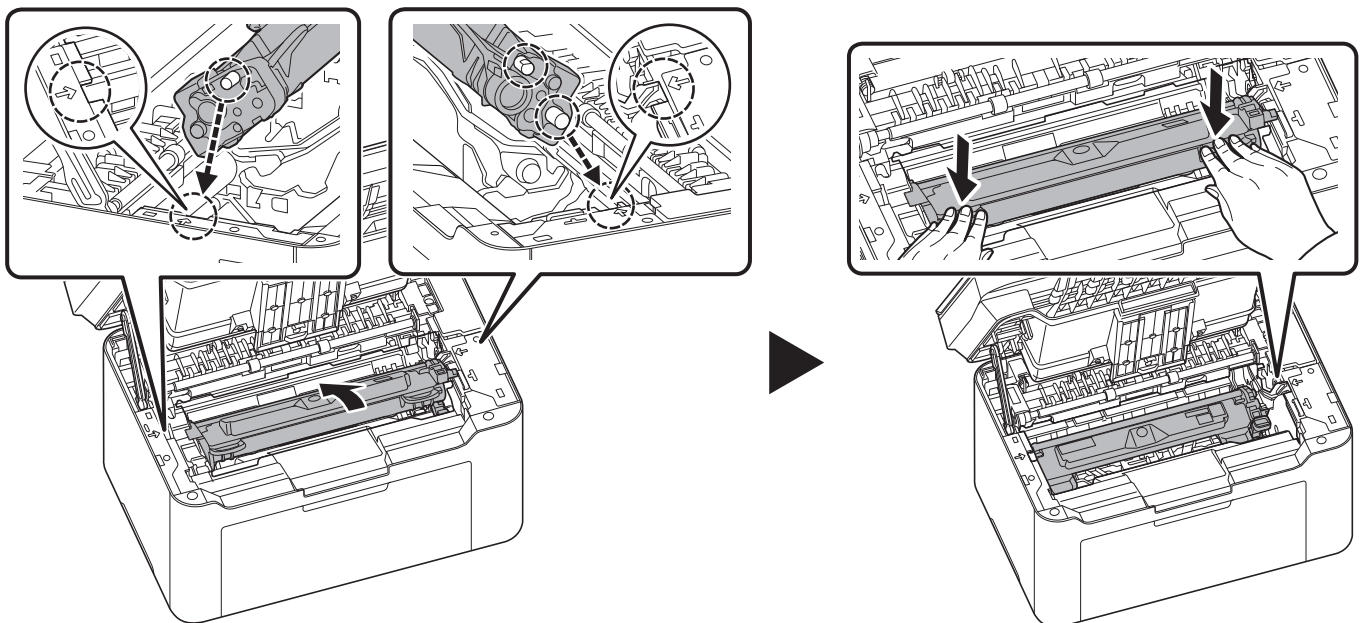





- 5** Return the removed drum unit to its position, aligning the guides at both ends with the slots in the machine. After that, press down the drum unit lever until they click.



- 6** Set the toner cartridge to its position, aligning the guides at both ends with the slots in the machine. After that, press the levers on both ends of the toner cartridge until they click.



- 7** Close the top cover.  
The machine warms up and resumes printing.

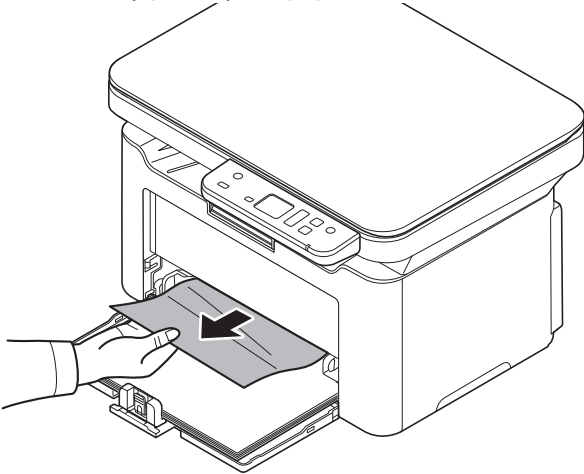
 **Note** If you hear a noise after closing the top cover, remove drum unit and toner cartridge and set them again.

## Cassette

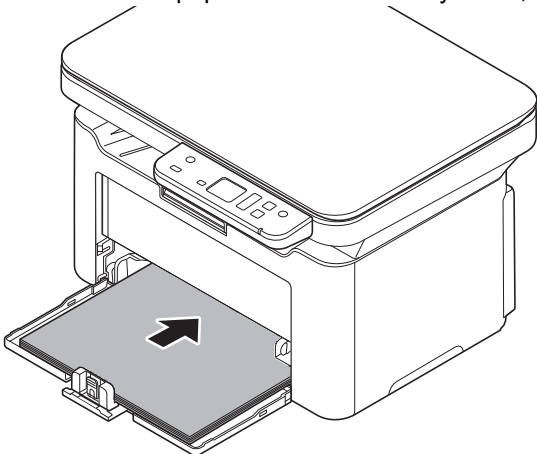
Follow the steps below to clear paper jams in the cassette.


**IMPORTANT** Do not try to remove paper that has already been partially fed. Refer to *Inside the Machine* on page 9-11.

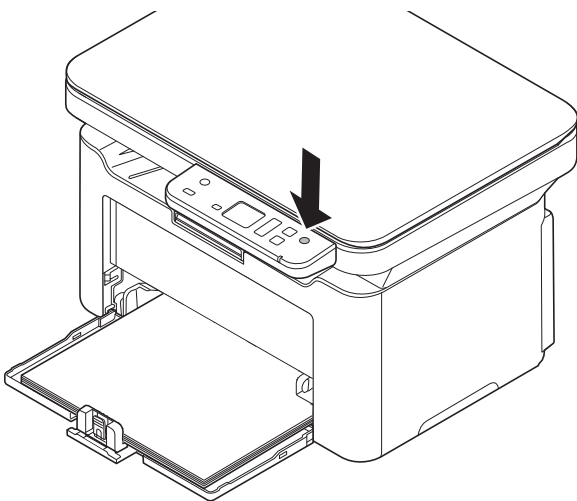
- 1 Remove any partially fed paper.



- 2 Check to see if paper is loaded correctly. If not, reload the paper.



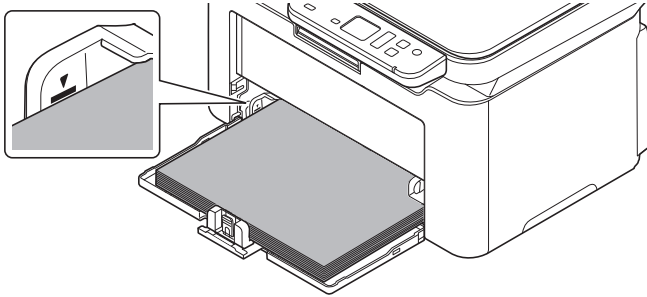
- 3 Press **[Stop]** (  ) to clear the error and the printer warms up and resumes printing.



**If paper feed failure occurs**

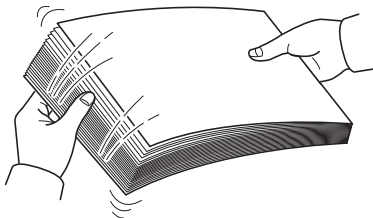
**Check on and reduction of number of paper sheets loaded**

If an excessive amount of thick paper is loaded in the cassette, it may not be fed. In that case, reduce the number of sheets to be loaded.

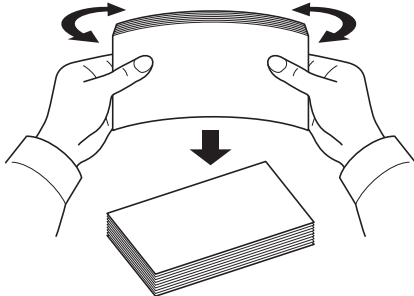


**Edge fanning and curl straightening**

Remove all the even pages (including the instruction sheet) from the inner tray, fan through the sheets to separate them prior to loading.

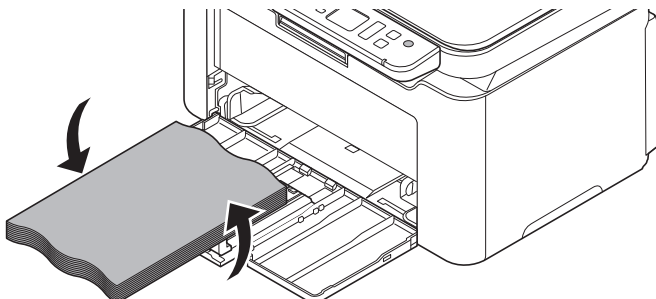


If the paper is curled at an edge, straighten it prior to reloading.




**No paper feed due to wavy paper edge**

When the paper feed fails because the edge of the paper is wavy, turn it upside down and load it again.

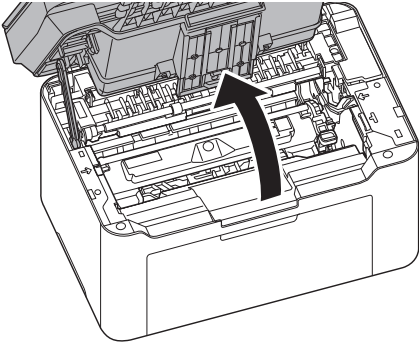


## Cleaning the Paper feed roller

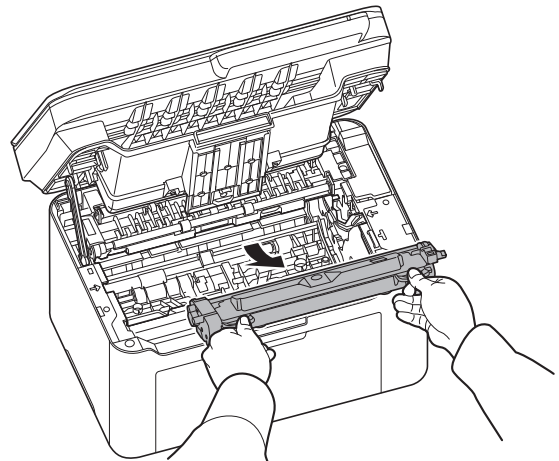
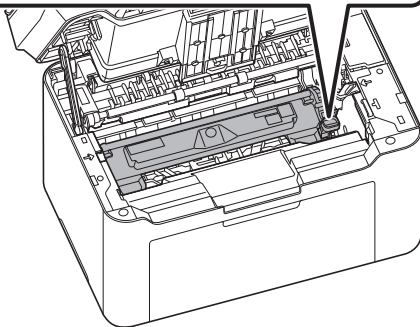
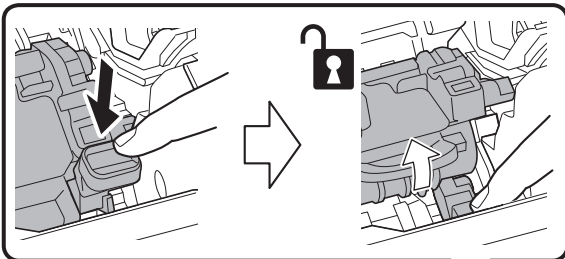
If a paper often jams, clean the paper feed roller.

 **Note** Place the removed toner cartridge and drum unit on a sheet of paper to prevent staining other items.

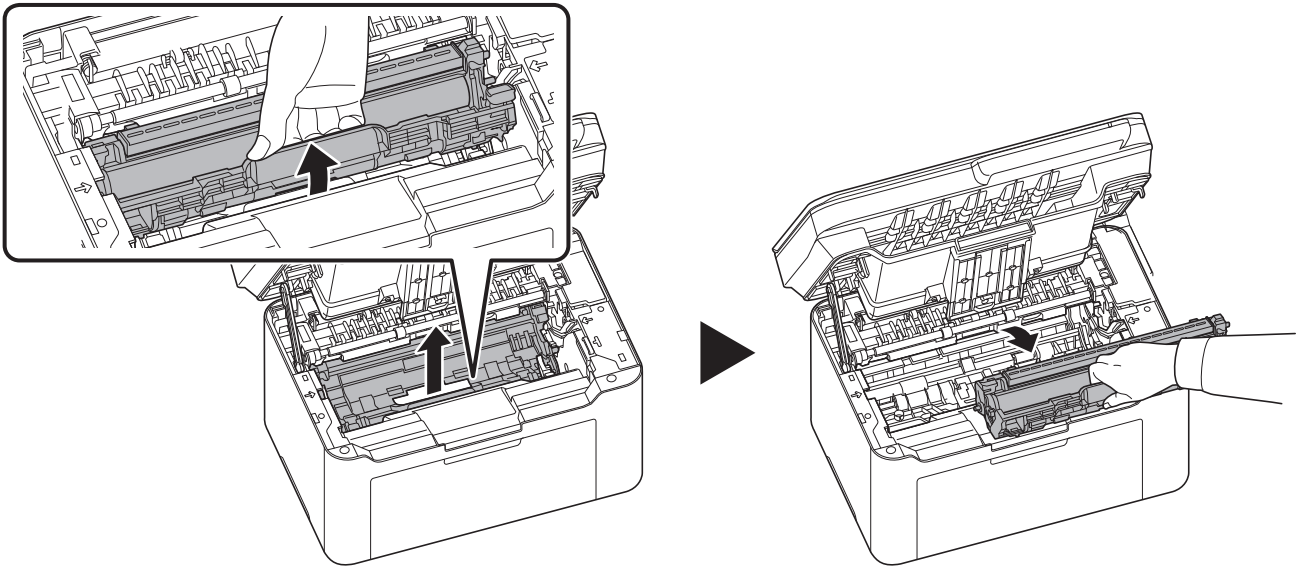
- 1 Open the top cover.



- 2 Push the toner cartridge lock button and then, lift the toner cartridge out of the machine.

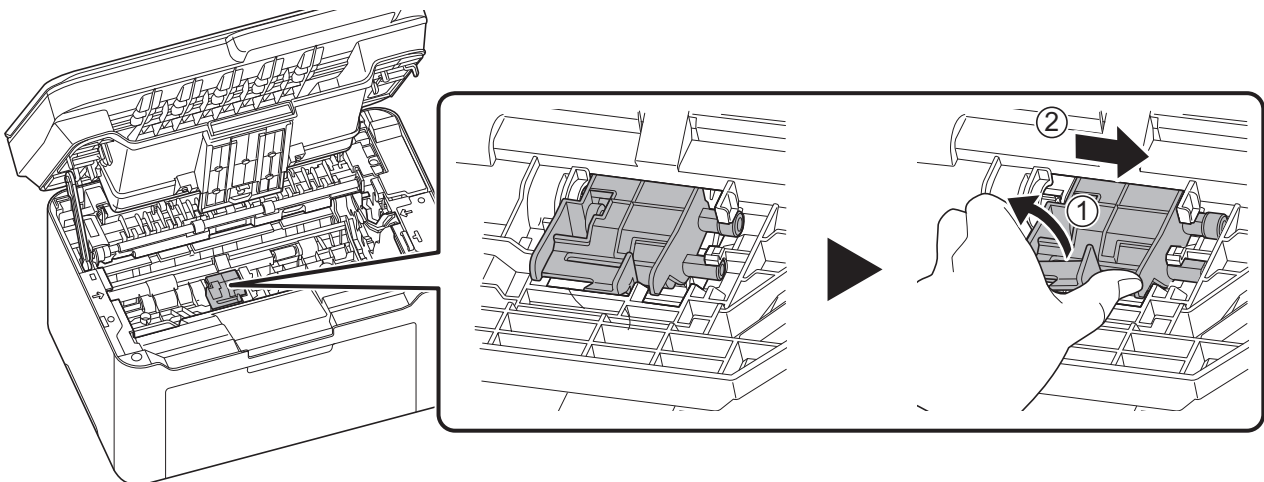


- 3** Pull up the drum unit lever, and remove the drum unit.

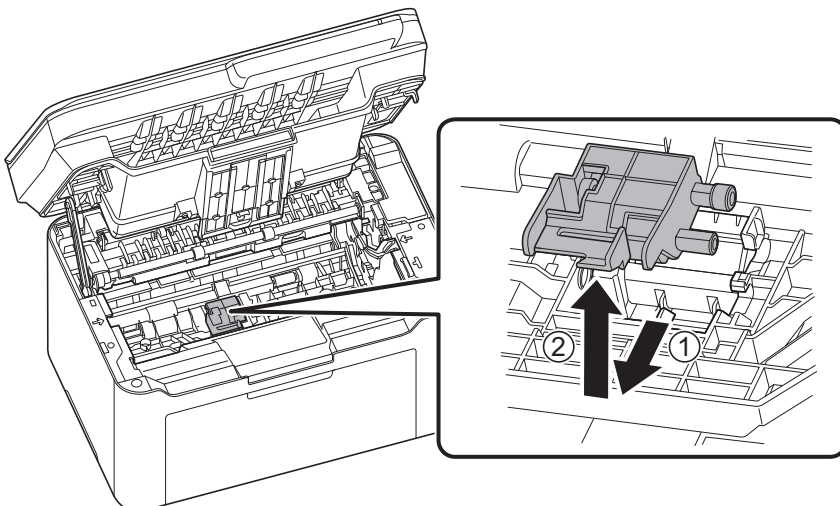


**Note** The drum unit is sensitive to light. Never expose the drum unit to light for more than five minutes.

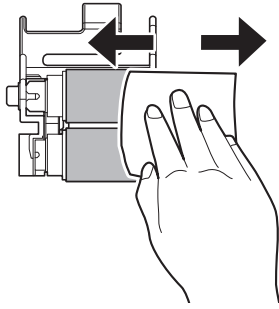
- 4** Push up the release lever, and then move the paper feed roller to the right..



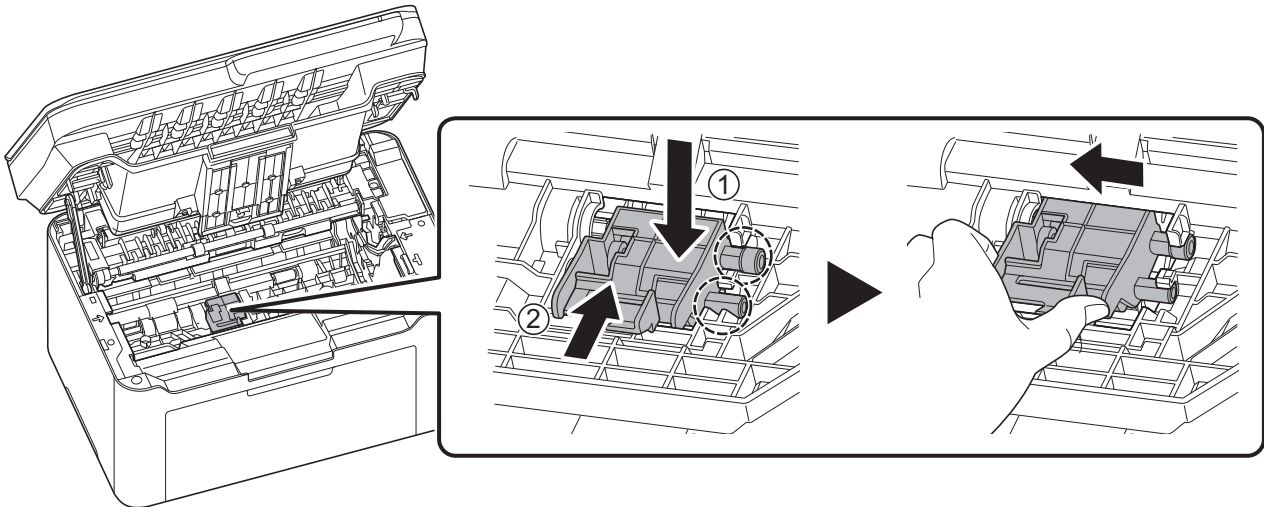
- 5** Remove the paper feed roller.




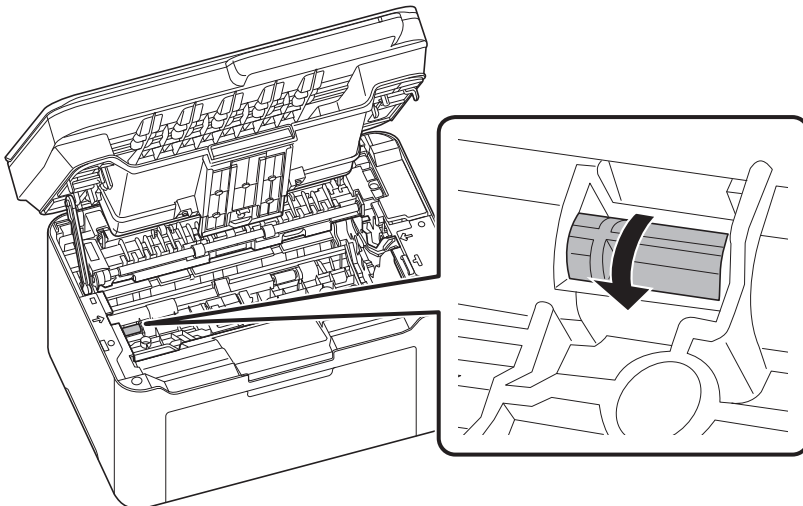
- 6** Use a clean, lint free cloth to clean dust and dirt away from the paper feed roller.



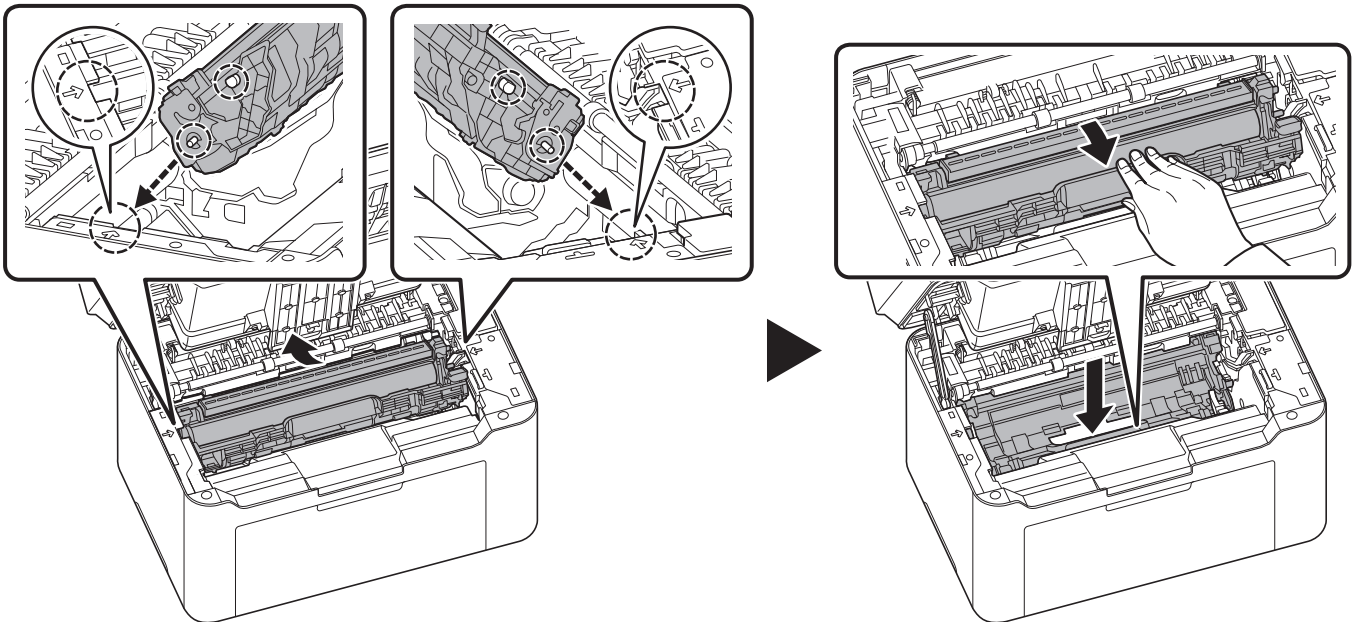
- 7** Attach the removed paper feed roller, and move it to the left until it clicks.



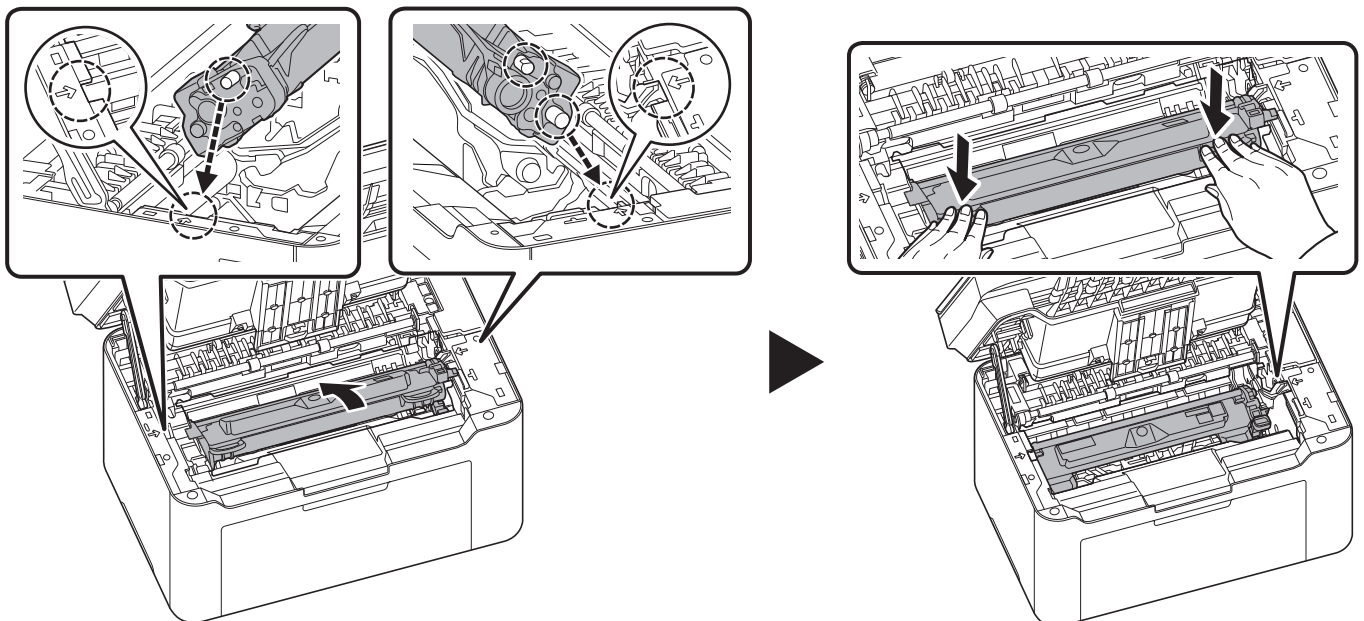
 **Note** If you can't set the paper feed roller well, turn the shaft shown below with your finger to engage the coupling.




- 8** After cleaning, return the removed drum unit to its position, aligning the guides at both ends with the slots in the machine. After that, press down the drum unit lever until they click.



- 9** Set the toner cartridge to its position, aligning the guides at both ends with the slots in the machine. After that, press the levers on both ends of the toner cartridge until they click.



- 10** Close the top cover.

 **Note** If you hear a noise after closing the top cover, remove drum unit, toner cartridge and paper feed roller and set them again.





# 10 Appendix

## Specifications



**Note** These specifications are subject to change without notice.

## Common Functions

Item		Description
Type		Desktop
Printing Method		Electrophotography by semiconductor laser
Paper Weight		65 to 105 g/m <sup>2</sup>
Paper Type		Plain, Preprinted, Bond, Recycled, Rough, Letterhead, Color, Prepunched, High Quality, Custom 1 to 8
Warm-up Time (23°C/73.4°F, 60%RH)	Power on	20 seconds or less
	Sleep	18 seconds or less
Paper Capacity		150 sheets (80 g/m <sup>2</sup> )
Inner Tray Capacity		50 sheets (80 g/m <sup>2</sup> ) (The machine pauses after 50 sheets are printed.)
Image Write System		Semiconductor laser and electrophotography
Memory		MA2001w/MA2000w: 64MB MA2001/MA2000: 32MB
Interface		USB Interface Connector: 1 (Hi-Speed USB) Wireless LAN: 1 (MA2001w/MA2000w only)
Operating Environment	Temperature	10 to 32.5°C/50 to 90.5°F
	Humidity	10 to 80%
	Altitude	3,500 m/11,482.8 ft maximum
	Brightness	1,500 lux maximum
Dimension (W × D × H)		370 × 320 × 240 mm 14.57" × 12.60" × 9.45"
Weight (with toner cartridge)		6.2 kg/13.67 lb
Space Required (W × D)		370 × 398.9 mm 14.57" × 15.71"
Power Requirements		120 V Specification Model: 120 V ~ 60 Hz 5.6 A 230 V Specification Model: 220 to 240 V ~ 50/60 Hz 3.1 A
The power consumption of the product in networked standby (If all network ports are connected.)		The information is available at the website below. <a href="https://www.kyoceradocumentsolutions.eu/en/about-us/our-brand/environmental-policy.html">https://www.kyoceradocumentsolutions.eu/en/about-us/our-brand/environmental-policy.html</a>

## Copy Functions

Item	Description
Paper Size	A4, A5 (Landscape), A5, Folio, JIS B5, ISO B5, Letter, Legal, Envelope C5, Executive, Oficio II (8.5 × 13 inches), 216 × 340 mm, 16 K, Custom (148 × 148 to 216 × 356 mm, 5.83 × 5.83 to 8.5 × 14 inches)
Copying Speed (300 × 300 dpi)*	A4: 20 images/min Letter: 21 images/min Legal: 17 images/min B5: 12 images/min A5: 13 images/min A5 (Landscape): 30 images/min 16K: 21 images/min
First Print Time (A4, feed from cassette)	8 seconds or less
Zoom Level	25 to 400%, 1% increments
Resolution	600 × 600 dpi
Supported Original Types	Sheet, Book, 3-dimensional objects (maximum original size: A4/Letter)
Original Feed System	Fixed

- \* In case of using the EcoPrint function, the printing speed will be slower.  
Printing speed may decrease depending on the installation environment.

## Printer Functions

Item	Description
Paper Size	A4, A5, A5 (Landscape), Folio, JIS B5, ISO B5, Letter, Legal, Envelope C5, Executive, Oficio II (8.5 × 13 inches), 216 × 340 mm, 16 K, Custom (148 × 148 to 216 × 356 mm, 5.83 × 5.83 to 8.5 × 14 inches)
Printing Speed*	A4: 20 images/min Letter: 21 images/min Legal: 17 images/min B5: 12 images/min A5: 13 images/min A5 (Landscape): 30 images/min 16K: 21 images/min
First Print Time (A4, feed from Cassette)	8 seconds or less
Resolution	600 × 600 dpi/Fast 1200 dpi
Controller	FA616TE_MMU 450 Mhz
Supported OS	Windows 8.1, Windows 10, Windows 11, Windows Server2012/R2, Windows Server2016, Windows Server2019, Windows Server2022, Mac OS X 10.5 or higher

- \* In case of using the EcoPrint function, the printing speed will be slower.  
Printing speed may decrease depending on the installation environment.

## Scanner Functions

Item	Description
System Requirements	CPU: 20 MHz RAM: 32 MB
Resolution	200 × 200 dpi, 300 × 300 dpi, 400 × 400 dpi, 600 × 600 dpi
File Format	BMP, JPEG, PNG, TIFF, PDF
Transmission System	PC transmission: Scan to Folder TWAIN scan* WIA scan*

- \* Available Operating System: Windows 8.1, Windows 10, Windows 10, Windows Server2012/R2, Windows Server2016, Windows Server2019, Windows Server2019



**QUALITY  
CERTIFICATE**

This machine has passed  
all quality controls and  
final inspection.

**KYOCERA Document Solutions America, Inc.  
Headquarters**  
225 Sand Road, Fairfield, New Jersey 07004-0008, U.S.A.  
Phone: +1-973-808-8444  
Fax: +1-973-882-6000

**Latin America**  
8240 NW 52nd Terrace, Suite 301  
Miami, Florida 33166, U.S.A.  
Phone: +1-305-421-6640

**KYOCERA Document Solutions  
Canada, Ltd.**  
6120 Kestrel Rd., Mississauga, ON L5T 1S8, Canada  
Phone: +1-905-670-4425  
Fax: +1-905-670-8116

**KYOCERA Document Solutions  
Mexico, S.A. de C.V.**  
Calle Arquimedes No. 130, 4 Piso, Colonia Polanco  
Chapultepec, Delegacion Miguel Hidalgo, Ciudad de  
Mexico, C.P.11560, Mexico  
Phone: +52-555-383-2741  
Fax: +52-555-383-7804

**KYOCERA Document Solutions  
Brazil, Ltda.**  
Alameda África, 545, Pólo Empresarial Consbrás,  
Tamboré, Santana de Parnaíba-SP, CEP 06543-306,  
Brazil  
Phone: +55-11-2424-5353  
Fax: +55-11-2424-5304

**KYOCERA Document Solutions  
Chile SpA**  
Jose Ananias 505, Macul. Santiago, Chile  
Phone: +56-2-2670-1900  
Fax: +56-2-2350-7150

**KYOCERA Document Solutions  
Australia Pty. Ltd.**  
Level 3, 6-10 Talavera Road North Ryde NSW, 2113,  
Australia  
Phone: +61-2-9888-9999  
Fax: +61-2-9888-9588

**KYOCERA Document Solutions  
New Zealand Ltd.**  
Ground Floor. 19 Byron Avenue, Takapuna, Auckland,  
New Zealand  
Phone: +64-9-415-4517  
Fax: +64-9-415-4597

**KYOCERA Document Solutions Asia Limited**  
13/F., Mita Centre, 552-566, Castle Peak Road, Tsuenwan,  
NT, Hong Kong  
Phone: +852-2496-5678  
Fax: +852-2610-2063

**KYOCERA Document Solutions  
(China) Corporation**  
8F, No. 288 Nanjing Road West, Huangpu District,  
Shanghai, 200003, China  
Phone: +86-21-5301-1777  
Fax: +86-21-5302-8300

**KYOCERA Document Solutions  
(Thailand) Corp., Ltd.**  
335 Ratchadapisek Road, Wongsawang, Bangsue,  
Bangkok 10800, Thailand  
Phone: +66-2-586-0333  
Fax: +66-2-586-0278

**KYOCERA Document Solutions  
Singapore Pte. Ltd.**  
12 Tai Seng Street #04-01A, Luxasia Building Singapore  
534118  
Phone: +65-6741-8733  
Fax: +65-6748-3788

**KYOCERA Document Solutions  
Hong Kong Limited**  
16/F., Mita Centre, 552-566, Castle Peak Road, Tsuen  
Wan, NT, Hong Kong  
Phone: +852-3582-4000  
Fax: +852-3185-1399

**KYOCERA Document Solutions  
Taiwan Corporation**  
6F., No.37, Sec. 3, Minquan E. Rd., Zhongshan Dist.,  
Taipei 104, Taiwan  
Phone: +886-2-2507-6709  
Fax: +886-2-2507-8432

**KYOCERA Document Solutions  
Korea Co., Ltd.**  
#10F Daewoo Foundation Bldg 18, Toegye-ro, Jung-gu,  
Seoul, Korea  
Phone: +822-6933-4050  
Fax: +822-747-0084

**KYOCERA Document Solutions  
India Private Limited**  
First Floor, Block - A, First India Place, Sushant Lok Phase  
- 1, M. G. Road, Gurugram - 122002 (Haryana), India  
Phone: +91-124-4671000  
Fax: +91-124-4671001

**KYOCERA Document Solutions  
Malaysia Sdn. Bhd.**  
G/F & 2/F, No.71, Jalan SS15/5A, 47500 Subang Jaya,  
Selangor Darul Ehsan, Malaysia  
Phone: +603-5634 5609

**KYOCERA Document Solutions  
Europe B.V.**

Bloemlaan 4, 2132 NP Hoofddorp, The Netherlands  
Phone: +31(0)20-654-0000  
Fax: +31(0)20-653-1256

**KYOCERA Document Solutions  
Nederland B.V.**

Beechavenue 25, 1119 RA Schiphol-Rijk, The Netherlands  
Phone: +31-20-5877200  
Fax: +31-20-5877260

**KYOCERA Document Solutions  
(U.K.) Limited**

Eldon Court 75-77 London Road, Reading, Berkshire RG1  
5BS, United Kingdom  
Phone: +44-118-931-1500  
Fax: +44-118-931-1108

**KYOCERA Document Solutions  
Italia S.p.A.**

Via Monfalcone 15, 20132, Milano, Italy  
Phone: +39-02-921791  
Fax: +39-02-92179-600

**KYOCERA Document Solutions  
Belgium N.V.**

Sint-Martinusweg 199-201 1930 Zaventem, Belgium  
Phone: +32-2-7209270  
Fax: +32-2-7208748

**KYOCERA Document Solutions  
France S.A.S.**

Espace Technologique de St Aubin Route de l'Orme  
91195 Gif-sur-Yvette CEDEX, France  
Phone: +33-1-69852600  
Fax: +33-1-69853409

**KYOCERA Document Solutions  
Espana, S.A.**

Edificio Kyocera, Avda. de Manacor No.2, 28290 Las  
Matas (Madrid), Spain  
Phone: +34-91-6318392  
Fax: +34-91-6318219

**KYOCERA Document Solutions  
Finland Oy**

Atomitie 5C, 00370 Helsinki, Finland  
Phone: +358-9-47805200  
Fax: +358-9-47805212

**KYOCERA Document Solutions  
Europe B.V. Amsterdam (NL) Zürich Branch**

Hohlstrasse 614, 8048 Zürich, Switzerland  
Phone: +41-44-9084949  
Fax: +41-44-9084950

**KYOCERA Bilgitas Document Solutions  
Turkey A.S.**

Altunizade Mah. Prof. Fahrettin Kerim Gökay Cad. No:45  
34662 ÜSKÜDAR İSTANBUL TURKEY  
Phone: +90-216-339-0020  
Fax: +90-216-339-0070

**KYOCERA Document Solutions  
Deutschland GmbH**

Otto-Hahn-Strasse 12, 40670 Meerbusch, Germany  
Phone: +49-2159-9180  
Fax: +49-2159-918100

**KYOCERA Document Solutions  
Austria GmbH**

Wienerbergstraße 11, Turm A, 18. OG, 1100 Wien, Austria  
Phone: +43-1-863380  
Fax: +43-1-86338-400

**KYOCERA Document Solutions  
Nordic AB**

Borgarfjordsgatan 11, 164 40 Kista, Sweden  
Phone: +46-8-546-550-00  
Fax: +46-8-546-550-10

**KYOCERA Document Solutions  
Norge Nuf**

Olaf Helsetsv. 6, 0619 Oslo, Norway  
Phone: +47-22-62-73-00  
Fax: +47-22-62-72-00

**KYOCERA Document Solutions  
Danmark A/S**

Ejby Industrivej 60, DK-2600 Glostrup, Denmark  
Phone: +45-70223880  
Fax: +45-45765850

**KYOCERA Document Solutions  
Portugal Lda.**

Rua do Centro Cultural, 41 (Alvalade) 1700-106 Lisboa,  
Portugal  
Phone: +351-21-843-6780  
Fax: +351-21-849-3312

**KYOCERA Document Solutions  
South Africa (Pty) Ltd.**

KYOCERA House, Hertford Office Park, 90 Bekker Road  
(Cnr. Allandale), Midrand, South Africa  
Phone: +27-11-540-2600  
Fax: +27-11-466-3050

**KYOCERA Document Solutions  
Russia LLC**

Building 2, 51/4, Schepkina St., 129110, Moscow, Russia  
Phone: +7(495)741-0004  
Fax: +7(495)741-0018

**KYOCERA Document Solutions Middle East**

Dubai Internet City, Bldg. 17,  
Office 157 P.O. Box 500817, Dubai, United Arab Emirates  
Phone: +971-4-4330412

**KYOCERA Document Solutions  
Czech, s.r.o.**

Harfa Office Park, Českomoravská 2420/15, Praha 9  
Czech Republic  
Phone: +420-222-562-246

**KYOCERA Document Solutions Inc.**

1-2-28 Tamatsukuri Chuo-ku Osaka 540-8585 Japan  
Phone: +81-6-6764-3555  
<https://www.kyoceradocumentsolutions.com>

