KONICA MINOLTA

Giving Shape to Ideas

bizhub 4702P/4402P/3602P

Safety Guide

Please be sure to read this guide before using the machine.

36SB077-001

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1 Introduction

1 Introduction

1.1 Introduction

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

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

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

In order to operate the machine safely and properly, be sure to read the safety information on page 1-4 of this manual before use.

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

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

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

Tips

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

Environmental initiatives

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

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

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

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

ENERGY STAR®

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

What is an ENERGY STAR® Product?

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

Environmental benefits of power management

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

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

Recycled Paper

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

Duplex printing

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

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

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

1.2 Safety information

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

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

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

KMI_Ver.03_E

Reference

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

Warning and precaution symbols

Be sure to observe the safety precautions.

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

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

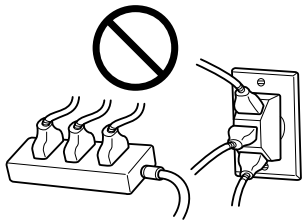
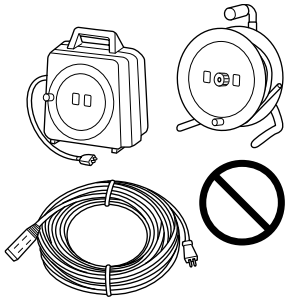
Pictorial indication	Description
⚠WARNING	Improper handling can cause serious injury or death.
⚠CAUTION	Improper handling can cause minor injury or damage to houses and property.

These are some of major exemplary graphical symbols.

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

<Power source connection>

⚠WARNING

Descriptions	Graphic symbols
Do not use any power cord other than the one supplied in the package or attached on the products. If a power cord is not supplied, use only the power cord and plug that are specified in the user documentation. Failure to use this cord could result in a fire or electrical shock. If the power cord supplied in the package cannot be used in the country where this product was sold, use a power cord that meets the following conditions or contact your Technical Representative. • The power cord has voltage and current rating appropriate for the rating plate on this machine. • The power cord meets regulatory requirements for the area. • The power cord is provided with grounding pin/terminal.	
Do not use the power cord to other products. Failure to do that could result in a fire or electrical shock.	
Do not scratch, abrade, place a heavy object on, heat, twist, bend, step on, pull on, or damage the power cord. Use of a damaged power cord (exposed core wire, broken wire, etc.) could result in a fire or breakdown. Should any of these conditions be found, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your authorized service representative.	
Do not use the power source voltage other than being specified on the machine. Failure to do that could result in a fire or electrical shock.	
Do not use a multiple outlet adapter to connect any other appliances or machines. Use of a power outlet for more than the marked current value could result in a fire or electrical shock.	
Do not use an extension cord. Use of an extension cord could cause a fire or electric shock. If the power cord furnished with the product is not long enough to be plugged into a wall outlet, contact your Technical Representative.	
Do not unplug and plug in the power cord with a wet hand, as an electrical shock could result.	
Plug the power cord all the way into the power outlet. Failure to do this could result in a fire or electrical shock.	

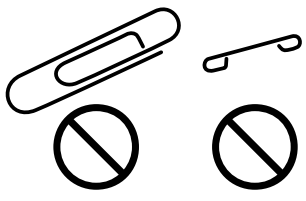
Descriptions	Graphic symbols
Make sure to ground this product. (Connect the power cord to an electrical outlet that is equipped with a grounding terminal.) Failure to do so and an unlikely event of leakage could result in a fire or electrical shock.	

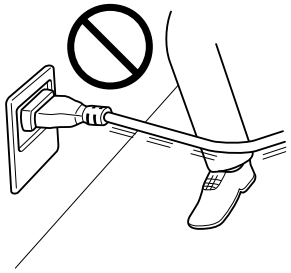
⚠CAUTION

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

<Installation>

⚠WARNING

Descriptions	Graphic symbols
Keep this bag away from babies and children. Do not use in cribs, beds, carriages, or playpens. The thin film may cling to nose and mouth and prevent breathing. This bag is not a toy.	
Do not place a flower vase or other container that contains water, or metal clips or other small metallic objects on this product. Spilled water or metallic objects dropped inside the product could result in a fire, electrical shock, or breakdown. Should a piece of metal, water, or any other similar foreign matter get inside the product, immediately turn OFF the power switch, unplug the power cord from the power outlet, and then call your Technical Representative or your authorized service representative.	

Descriptions	Graphic symbols
Make sure that the power cord is placed on a site in which no person would step on or trip over it. Stepping on or tripping over the power cord could heat the power cord, resulting in a fire or electric shock.	

⚠CAUTION

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

<Using the product>

⚠WARNING

Descriptions	Graphic symbols
Do not modify this product, as a fire, electrical shock, or breakdown could result. If the product employs a laser, the laser beam source could cause blindness.	
Do not attempt to remove the covers and panels which have been fixed to the product. Some products have a high-voltage part or a laser beam source inside that could cause an electrical shock or blindness.	

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

⚠CAUTION

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

Descriptions	Graphic symbols
When using the machine, do not look at the light of the lamp for a prolonged time. Eyestrain could result.	
Do not use stapled paper, conductive paper (such as silver paper or carbon paper) or treated heat-sensitive/inkjet paper, otherwise a fire may result.	

<Consumables>

⚠WARNING

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

⚠CAUTION

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

Descriptions	Graphic symbols
Never touch the electrical contacts of the units (e.g., toner cartridge and developing unit), as an electrostatic discharge may damage the product.	
Before handling, see the user documentation for the safety information.	
<If instructed to replace the fusing unit> The fusing section is extremely hot. Before replacing the fusing unit, be sure to open doors and covers of the machine. Then, leave the machine to stand idle for a specified period of time and make sure that the fusing section has cooled down to room temperature. Failure to follow these instructions could result in a burn.	

1.3 Regulation notices

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

Hereby, Konica Minolta declares that the radio equipment types mentioned on the front cover of this manual or/and in clause 1.2 are 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.konicaminolta.eu/en/business-solutions/support/download-center.html".
Choose your product and open the section "Safety Documents".

Maximum radio-frequency power transmitted in the frequency band (EIRP):

Module Name, Option	Frequency Band	Radiation. Power
NC-P05 includes approved Wireless module, MODEL LEX-M07-001:	2.4 GHz	Max. 20 dBm
	5 GHz	Max. 20 dBm
NC-P06 includes approved Wireless module, MODEL LEX-M07-001:	2.4 GHz	Max. 20 dBm
	5 GHz	Max. 20 dBm

Note: 5 GHz may not be available

This radio equipment is restricted to indoor use only. Outdoor use is prohibited.

This restriction applies to all the countries listed in the table below.

AT	BE	BG	CH	CY	CZ	DE	DK	EE
EL	ES	FI	FR	HR	HU	IE	IS	IT
LI	LT	LU	LV	MT	NL	NO	PL	PT
RO	SE	SI	SK	TR	UK			

FCC Part 15 - Radio Frequency Devices

For United States Users

FCC: Declaration of Conformity

Product Type	Multifunction Printer
Product Name	bizhub 4702P, bizhub 4402P, bizhub 3602P
Options	(1) PF-P15, PF-P16, CU-203, NC-P05, NC-P06, UK-P12, UK-P13, UK-P14, UK-P15, UK-P16, UK-P17, UK-P18----(for bizhub 4702P) (2) PF-P15, PF-P16, CU-203, NC-P05, NC-P06, UK-P12, UK-P13, UK-P14, UK-P15, UK-P16, UK-P17, UK-P18----(for bizhub 4402P) (3) PF-P15, PF-P16, CU-203, NC-P05, NC-P06, UK-P12, UK-P13, UK-P14, UK-P15, UK-P16, UK-P17, UK-P18----(for bizhub 3602P)

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.

NOTE:
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.

⚠WARNING

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

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

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

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

This device must be used with a shielded interface cable.

The use of non-shielded cables is likely to result in interference with radio communications and is prohibited under ICES-003.

Electromagnetic Interference

This product must be used with a shielded interface cable.

The use of non-shield cables is likely to result in interference with radio communications and is prohibited under CISPR 22 and local rules.

GS Certification

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

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

Laser Safety

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

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

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

Internal Laser Radiation

Maximum average radiation power: 19.8 µW at the laser aperture of the print head unit.

Wavelength: 650-670 nm

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

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

The print head unit is NOT A FIELD SERVICE ITEM:

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

CDRH regulations

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

The label shown on page 1-13indicates compliance with the CDRH regulations and must be attached to laser products marketed in the United States.

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

- This is a semiconductor laser. The maximum power of the laser diode is 15 mW and the wavelength is 650-670 nm.

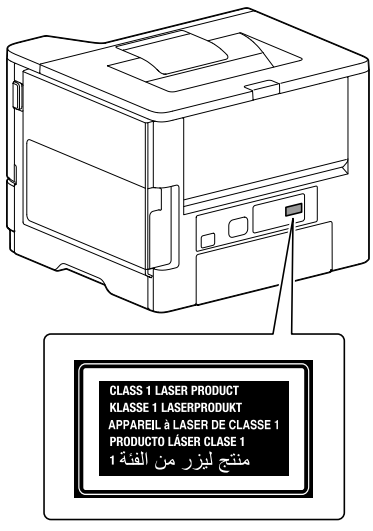
For European users

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

- This is a semiconductor laser. The maximum power of the laser diode is 15 mW and the wavelength is 650-670 nm.

Laser safety label

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



Ozone Release

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

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

Changing replaceable lithium batteries used in products

⚠CAUTION

- RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE USER'S GUIDE.

Acoustic noise (for European users only)

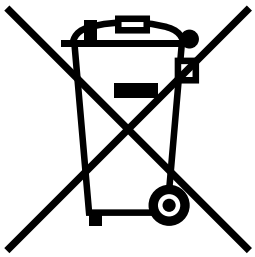
Der höchste Schalldruckpegel beträgt 70 dB(A) oder weniger gemäß EN ISO 7779.

Notification for California Customers

This product uses a CR Lithium Battery which contains perchlorate material.

This perchlorate warning applies to perchlorate-containing lithium batteries sold or distributed in California, USA.

"Perchlorate Material - Special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate."



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

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

For EU member states only

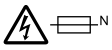
This product complies with RoHS (2011/65/EU) Directive.

USB Host

Connect USB devices (Memory, Authentication, Hub etc.) devices directly to the USB host. If an extension cable is used, electromagnetic interference could occur.

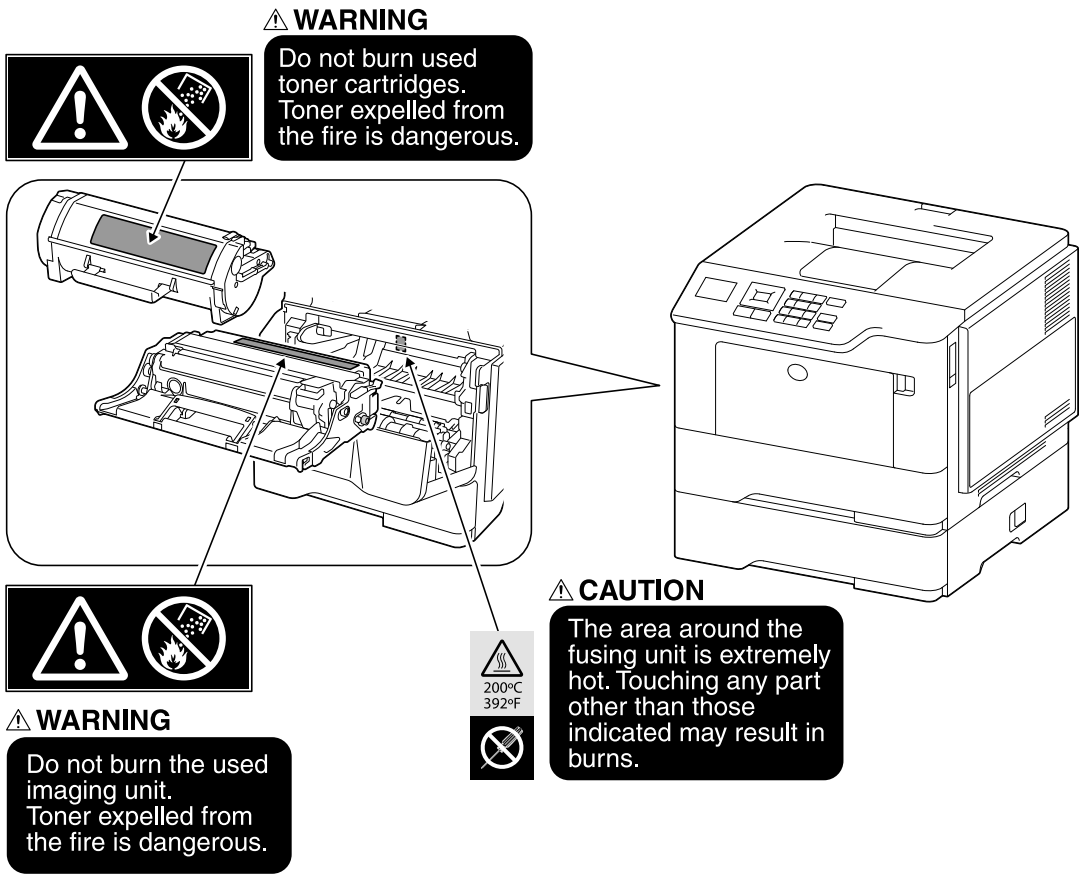
Graphic symbols used on this machine

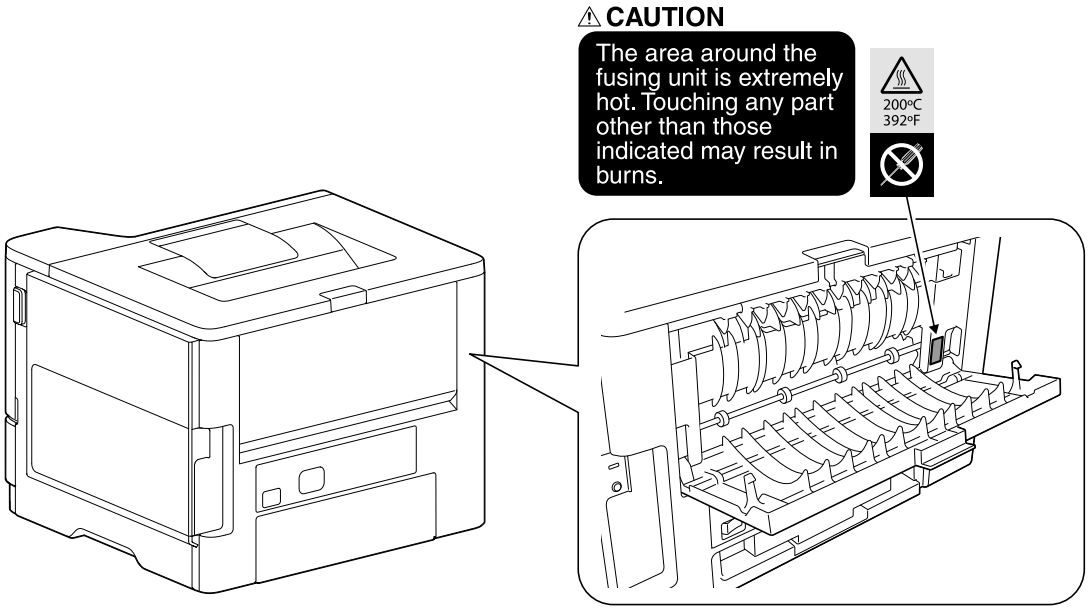
These are some of major exemplary graphical symbols.

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

1.4 Caution notations and labels

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





⚠CAUTION

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

1.5 Special Notice to User

For Canada

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

Le présent produit est conforme aux spécifications techniques applicables d'Innovation, Sciences et Développement économique Canada.

The Ringer Equivalence Number (REN) indicates the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de dispositifs qui peuvent étre raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme des IES de tous les dispositifs n'excède pas cinq.

For U.S.A.

FCC PART 68 REQUIREMENTS:

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the cover of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If required, this information must be provided to the telephone company.

This equipment uses certification jack USOC RJ11C.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA.

A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0).

To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US: AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact the Konica Minolta dealer location where you purchased this equipment. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information. If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable you alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including FAX machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual.

(The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

In order to program this information into your FAX machine, you should complete the following steps: See [Sending by Renaming the Sender ([Fax Header Settings])], of the User's Guide [Fax].

WARNING/CAUTION Explained

⚠WARNING

- The exclamation point within an equilateral triangle followed by the word "Warning" is intended to alert the user to the possibility that a disregard for the warning may result in fatal hazards or critical injuries. Be sure to focus your attention on the Warning headings when reading the User's Guide.

⚠CAUTION

- The exclamation point within an equilateral triangle followed by the word "Caution" is intended to alert the user to the possibility that a disregard for the caution may result in minor injuries or in physical damage. Be sure to focus your attention on the Caution headings when reading the User's Guide.

For Europe

The Facsimile has been confirmed to meet the standards (or requirements) ETSI for pan-European single terminal connection to the public switched telephone network (PSTN).

1.6 Space requirements

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

bizhub 4702P

Item	Specifications
Dimensions [W] × [D] × [H]	15.7 inches (399 mm) × 15 inches (382 mm) × 12 inches (305.9 mm) (Main unit and **ADF**)
Space Requirements ([W] × [D] × [H])	22.59 inches (574 mm) × 30.98 inches (787 mm) × 24 inches (610.9 mm) * This shows the dimensions when the **ADF** and **Bypass Tray** are opened.

bizhub 4402P/bizhub 3602P

Item	Specifications
Dimensions [W] × [D] × [H]	15.7 inches (389 mm) × 15 inches (382 mm) × 10.4 inches (262.7 mm) (Main unit and **ADF**)
Space Requirements ([W] × [D] × [H])	22.2 inches (564 mm) × 30.98 inches (787 mm) × 22.35 inches (567.7 mm) * This shows the dimensions when the **ADF** and **Bypass Tray** are opened.

1.7 Operation precautions

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

Power source

The power source requirements are as follows.

- Use a power source with as little voltage or frequency fluctuations as possible.
- Voltage fluctuation: Maximum + 6%/- 10%
- Frequency fluctuation: Maximum ± 3 Hz (at 50 Hz/60 Hz)

Operating environment

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

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

Storage of copies

To store copies, follow the recommendation listed below.

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

Data stored in this machine

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

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

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

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- Checks or drafts drawn by government agencies
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- Motor vehicle licenses and titles
- House and property titles and deeds

<General>

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