

RICOH



RICOH Ri 1000X

Safety Information and Quick Installation Guide



Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read "Safety Information for This Machine" in this manual before using the machine.

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Introduction

This manual contains detailed instructions and notes on the operation and use of this machine. For your safety and benefit, read this manual carefully before using the machine. Keep this manual in a handy place for quick reference.

Before You Begin...

Only appropriately trained users should operate the machine.

How to Read the Manuals

Disclaimer

The contents of this manual are subject to change without prior notice.

To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this machine, losses of the registered data, or the use or non-use of this machine and operation manuals provided with it.

Make sure that you always copy or have backups of the data registered in this machine. Documents or data might be erased due to your operational errors or malfunctions of the machine.

In no event will the manufacturer be responsible for any documents created by you using this machine or any results from the data executed by you.

Notes

The manufacturer will not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the manufacturer with your products.

For good output quality, the manufacturer recommends that you use genuine ink from the manufacturer.













Some illustrations in this manual might be slightly different from the machine.

Certain options may not be available in some countries. For details, please contact your local dealer.

Depending on which country you are in, certain units may be optional. For details, please contact your local dealer.

1. Safety Information

The Meanings of the Safety Symbols Used with This Machine

	Prohibition
	Caution
	Warning; Pinch Point
	Caution, risk of electric shock
	Caution, risk of having hands or arms caught
	Keep out of reach of children
	Prohibition of disassembly
	See operating instructions For details about the precautions in each location with this graphic symbol, see "Safety Labels of This Machine" in this manual.
	Wear eye protection
	Wear protective gloves
	Do not touch
	Caution, hot surface

Safety Information for This Machine

The Meanings of Safety Labels

WARNING

Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

Safety Precautions to Be Followed

Requirements for unpacking products

WARNING

- The following explains the warning messages on the plastic bag used in this product's packaging:
 - Do not leave the polythene materials (bags, etc.) supplied with this machine close to babies and small children. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

Requirements for locating and installing machines

WARNING

- Avoid taking the following actions close to or inside this machine because doing so can result in fire or electric shock:
 - Using flammable sprays, solvents, and so on
 - Placing flammable sprays, solvents, and so on
 - Placing containers holding liquids or small metal objects

CAUTION

- Do not place the machine in a humid or dusty environment. Doing so can result in fire or electric shock.
- Do not place the machine on an unstable or tilted surface. Doing so can cause the machine to fall or topple over, possibly resulting in injury.
- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.
- Do not place heavy objects on the machine. Doing so can cause the machine to topple over, possibly resulting in injury.
- When using this machine in a poorly ventilated or narrow room continuously for a long period of time or printing a high volume of materials, make sure to ventilate the room sufficiently.

CAUTION

- Ensure adequate ventilation to keep the occupational exposure in the workplace in line with the occupational exposure guidelines (such as ACGIH) in the region. If necessary, provide local ventilators for required ventilation.
Recommended ventilation: 150 m³/h (The required ventilation depends on the installation environment.)

- Use at an altitude of 2,500 m or less. There is a possibility of electric shock, electric leakage, fire if it is used in an environment exceeding 2,500 m altitude.

Requirements for using power plugs and cords

WARNING

- Avoid taking the following actions because doing so can result in fire or electric shock:
 - Using any power supply voltage or frequencies other than those that match the specifications shown
 - Using multi-socket adaptors
 - Using extension cords
 - Touching the prongs of the power cable's plug with anything metallic

- Avoid applying the following actions to power cords because doing so can result in fire or electric shock:
 - Damaging them
 - Bundling them
 - Modifying them
 - Putting heavy objects on them
 - Pulling them forcibly
 - Bending them forcibly

- Do not handle the power cord plug with wet hands. Doing so can result in electric shock.

- The supplied power cord or cords are for use with this machine only. They cannot be used for appliances other than this machine. Also, do not use power cords other than the power cord or cords supplied with this machine. Doing so can result in fire or electric shock.

- To prevent fire or electric shock, disconnect the plug and the power cord from the wall outlet at least once a year and check them. If any of the following conditions exist, do not use the plug and the power cord continuously, and consult your dealer or service representative.
 - There are burn marks on the plug
 - The prongs on the plug are deformed
 - The power cord's inner wires are exposed or broken
 - The power cord's coating is cracked, dented, or damaged
 - When the power cord is bent, the power turns off and on
 - Part of the power cord becomes hot

CAUTION

- When disconnecting the power cord from the wall outlet, make sure to pull the plug, not the cord. Do not pull the power cord forcibly. Doing so can damage the power cord, possibly resulting in fire or electric shock.
- Be sure to push the power cord plug fully into the wall outlet. Also, do not push it into loose and unstable wall outlets likely to cause a contact failure. Doing so can result in heat generation.
- Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year. Allowing dust to build up on the plug constitutes a fire hazard.

Power source

- 100-120 Vac, 1.1 A or more, 50/60 Hz

Voltage must not fluctuate more than 10%.

Please be sure to connect the power cable to a power source as above.

Confirm that the wall outlet is near the machine and freely accessible, so that in event of an emergency, it can be unplugged easily.

Requirements during Emergencies

WARNING

- Do not touch this machine if a lightning strike occurs in the immediate vicinity. Doing so could result in electric shock.
- Be sure to install the machine as close as possible to a wall outlet so that you can disconnect the power cord plug easily in an emergency.
- If the machine behaves unusually as follows, turn off the power immediately. After turning off the power, make sure to disconnect the power cord plug from the wall outlet, and then contact your service representative and report the problem. Continuously using the power cord can result in fire or electric shock.
 - The machine is emitting smoke
 - The machine is emitting odors
 - Metal objects or other foreign objects have fallen inside the machine
 - Water or other fluids have fallen inside the machine
- If the machine topples or a cover or other part is damaged, turn off the power immediately. After disconnecting the power cord plug from the wall outlet, contact your service representative. Using the machine continuously can result in fire or electric shock.

⚠ CAUTION

- The machine weighs around 110 kg (242.5 lb.).
- Four or more people are required to lift the printer. When moving the printer, lift it slowly so that you do not strain yourself. Lifting the printer forcibly or handling it roughly to drop it will risk injury.

- Unplug the machine before you move it. While moving the machine, take care that the power cord does not get caught under the machine. Failing to take these precautions may result in fire or electric shock.

- When lifting and lowering the front cover, be sure to hold it by the part shown below. Be careful to ensure that your hand or any other part of your body does not get caught in the front cover.



Requirements for using the machine

⚠ CAUTION

- Keep children away from the machine. Otherwise, their hands or fingers may be caught in the gap and injury may result.
- Keep people other than operators away from the machine. Otherwise, their hands or fingers may be caught in the gap and injury may result.
- Keep USB flash memory devices out of reach of children. If a child accidentally swallows an USB flash memory device, consult a doctor immediately.

Requirements for handling the machine's interior

⚠ WARNING

- Do not remove any covers or screws other than those explicitly mentioned in User Manual.
- Before you remove the cover, turn off the power switch on rear of the machine. Removing the cover with the power on or removing parts other than those explicitly referred to may result in electric shock.
- Do not attempt to disassemble or modify this machine. Doing so risks burns and electric shock.

⚠ CAUTION

- Do not lift the cover while the machine is operating. Doing so may cause your hand or fingers to get trapped in the machine, and an injury may occur.

Requirements for handling supplies

CAUTION

- When handling ink, cleaning solution, or pretreatment liquid, follow the instructions in the manual for the correct usage.
- If ink, cleaning solution, or pretreatment liquid is swallowed, inhaled, or gets in the eyes, follow the guidance in the appropriate safety data sheet (SDS). Download the SDS from the following website:
 - <https://www.ricoh.com/environment/msds/>
- To prevent being stained by ink or cleaning solution, wear protective gear (protective gloves, protective glasses/goggles, protective clothing). Also take care not to stain your surroundings while agitating the ink.
- Place ink, cleaning solution, and pretreatment liquid in a cool, well-ventilated place out of the reach of children.
- Keep waste ink, containers for ink, cleaning solution, and pretreatment liquid, and components that have been in contact with ink out of the reach of children.
- When handling ink, cleaning solution, or pretreatment liquid, avoid getting anything on your clothing. If you do, wash the stained area with cold water.
- When replacing a cartridge containing ink, cleaning solution, or pretreatment liquid, avoid getting anything on your clothing. If you do, wash the stained area with cold water.
- When replacing a cartridge containing ink, cleaning solution, or pretreatment liquid, avoid getting anything on your skin. If you do, wash the affected area thoroughly with soap and water.
- When removing a cartridge containing ink, cleaning solution, or pretreatment liquid, avoid putting your hand near the location in which the cartridge is installed (such as the ink supply nozzle and its surrounding areas). If you get anything on your hands, wash them thoroughly with soap and water.
- The ink cartridge surface may have ink on it, so be careful to avoid ink stains.
- Do not remove the cartridge while operating the machine. Doing so may cause the ink to spray, staining clothes and surroundings. If you get anything on your hands, wash them thoroughly with soap and water.
- Do not disassemble a cartridge containing ink, cleaning solution, or pretreatment liquid. Doing so may leave ink stains or cleaning solution on your hands and fingers.
- When shaking a cartridge containing ink, cleaning solution, or pretreatment liquid, be careful about safety of your surroundings and ink stains. Otherwise, injury or stains on household items may result.

CAUTION

- Do not hit or drop it when agitating. It may cause injury, cartridge damage, or ink leakage.
- Do not excessively agitate/shake. It may cause ink leakage.
- Agitate/shake as instructed. Other methods may cause ink leakage.

- Be sure to wear commercially available protective glasses, gloves and clothing when replacing or handling cartridges.

What you need to follow for power connection

WARNING

- When using a UPS (uninterruptible power supply) for this product, make sure that the output power is not insufficient. If the output power is insufficient, the UPS may smoke or catch fire. Read the UPS instructions and check the rated output power carefully when using it. If you have any questions, contact your Ricoh dealer.

- If you use a surge protector with this product, a part called a varistor inside the surge protector may deteriorate after long-term use, causing the surge protector to malfunction, smoke, or catch fire. Read the surge protector instructions carefully and use it correctly. If you have any questions, contact your Ricoh dealer.

Adjustment

CAUTION

- When moving the platen, be careful so that your hands or fingers are not caught with it. Otherwise, injury may result.

Removing the Fabric

CAUTION

- When removing the fabric, be careful so that your hand or any other part of your body does not come in contact with ink. If your skin comes in contact with ink, wash the affected area thoroughly with soap and water. If your clothing comes into contact with ink, wash the stained area with cold water.

Maintenance (Cleaning the Units and Disposing of Waste Ink)

CAUTION

- When maintenance is performed, the carriage may move while the front cover is open. Do not touch the carriage while it is moving. Touching it may result in injury.

- Follow the procedures in the user's manual for maintenance and securely install parts and covers. Failure to do reliable work may cause injury or malfunction.

- When using a screwdriver, be careful so that the tip of the screwdriver does not hurt you.

- If the waste ink gets into contact with your eyes, wash them immediately with running water. Consult a doctor if necessary.

 **CAUTION**

- Keep the waste ink bottle out of reach of children.

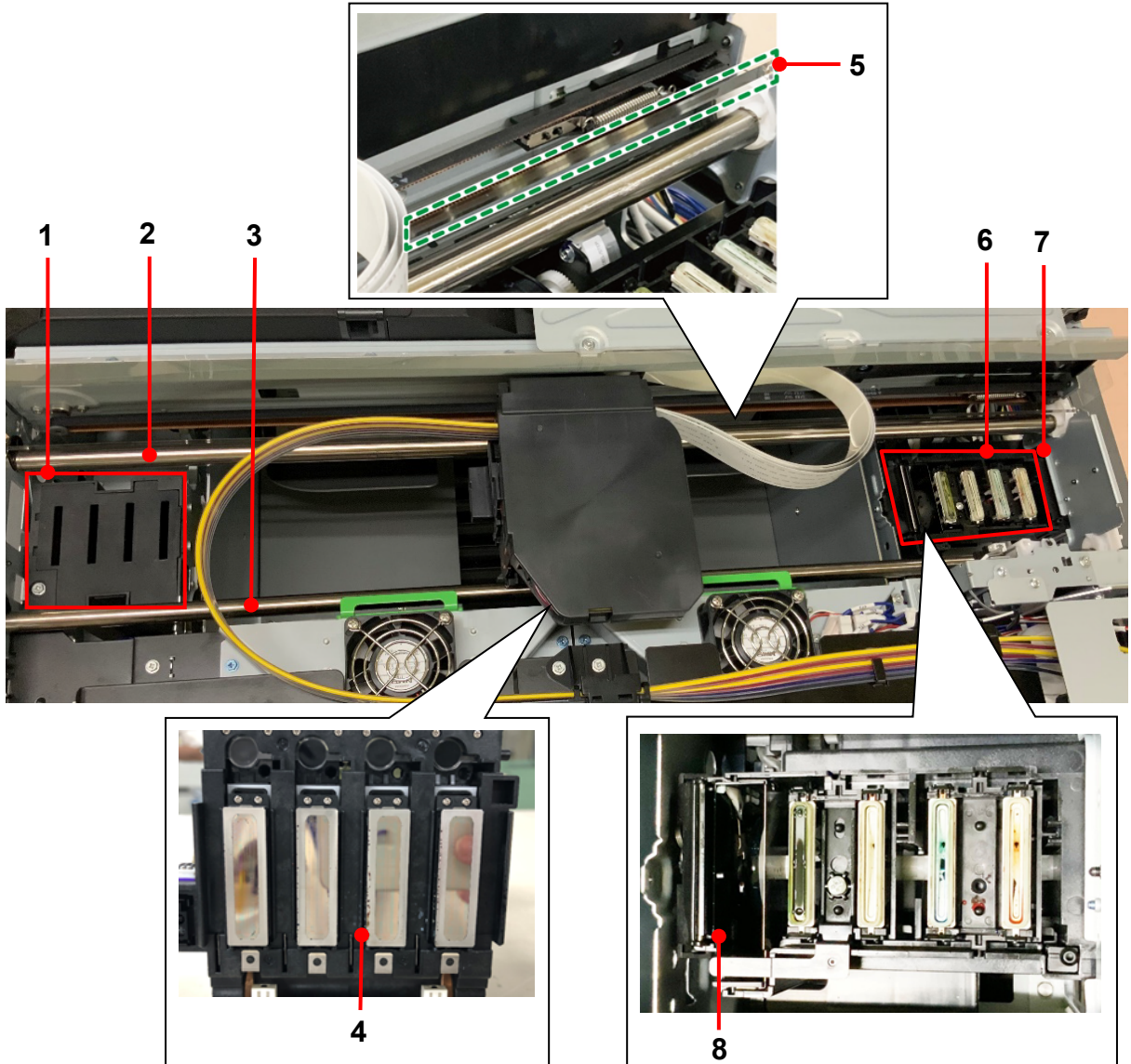
- Keep waste ink, containers for ink, cleaning solutions, pretreatment liquids, and components that have been in contact with ink out of reach of children.

- When replacing a waste ink bottle, avoid getting anything on your clothing. If otherwise, wash the stained area with cold water.

- When replacing a waste ink bottle, avoid getting anything on your skin. If otherwise, wash the affected area thoroughly with soap and water.

⚠ CAUTION

- Be sure to wear commercially available goggles and gloves when performing the following maintenance:
 - Cleaning the maintenance unit, head nozzle plate, wiper, left ink sump, encoder sheet, and guide rod
 - Replacing the left and right ink sump, ink supply unit, maintenance unit, ink cartridges, and waste ink bottle



1. Left ink sump
2. Guide rod: main
3. Guide rod: front
4. Head Nozzle Plate*¹
5. Encoder Sheet
6. Maintenance unit
7. Right ink sump*²
8. Wiper

*1. Located behind the carriage.

*2. Located under the maintenance unit.

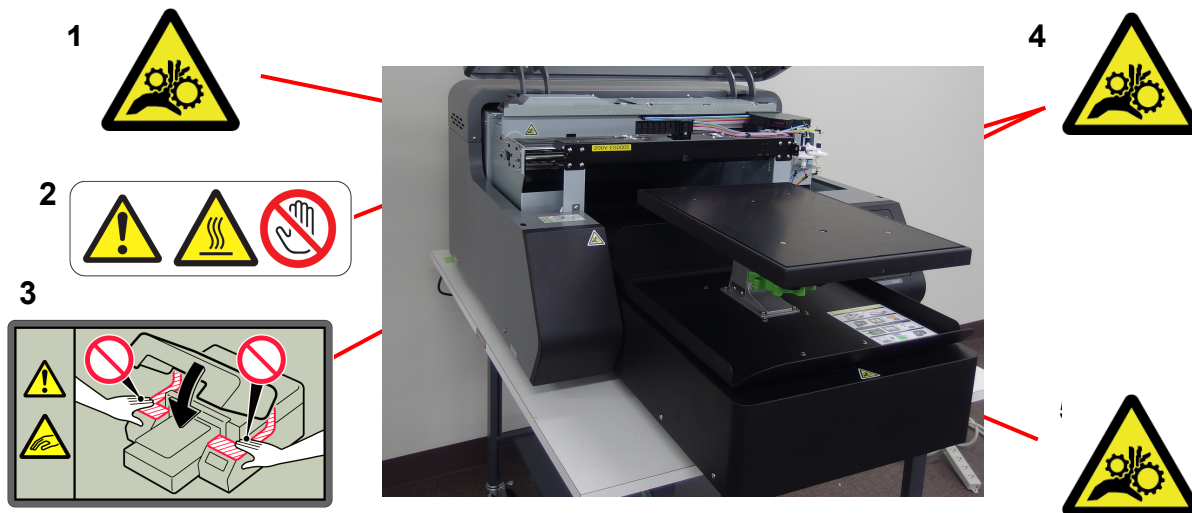
Safety Labels of This Machine

This section explains the machine's safety information labels.

Positions of ⚠️WARNING and ⚠️CAUTION labels

This machine has labels for ⚠️WARNING and ⚠️CAUTION at the positions shown below. For safety, please follow the instructions and handle the machine as indicated.

Front



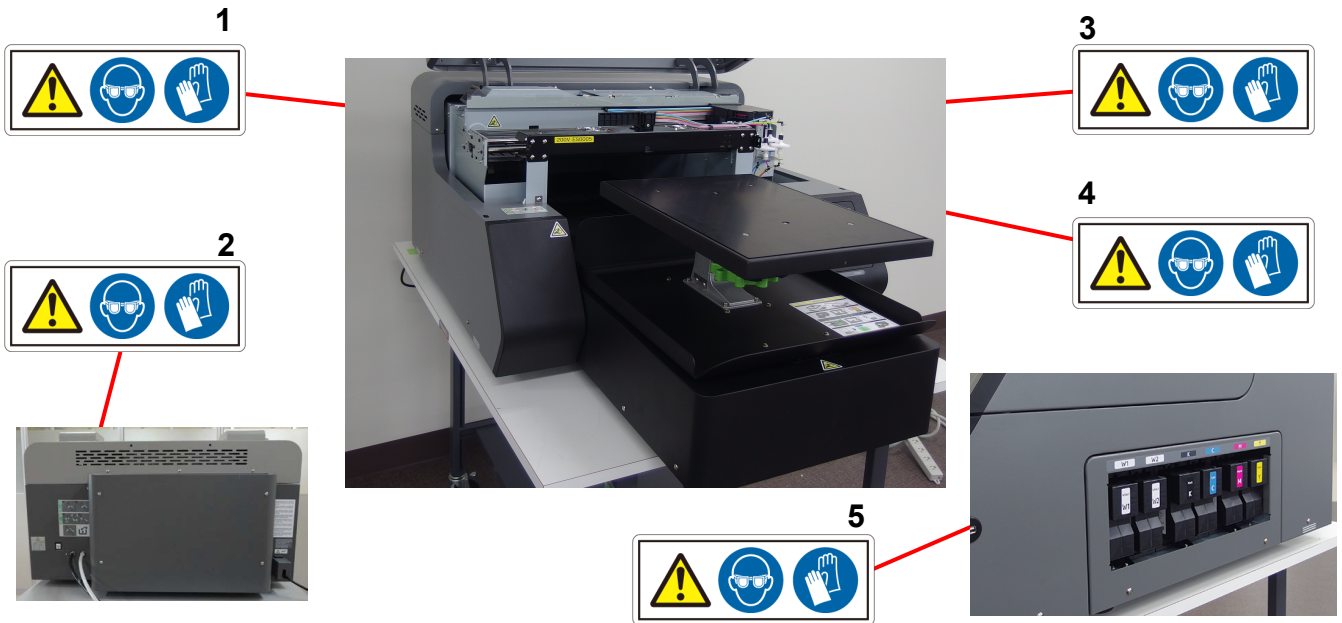
- 1: Be careful your hands or any other part of your body is not caught with the carriage.
- 2: The inside of the machine could be very hot. Do not touch the parts indicated by the labels. Touching these parts can result in an injury.
- 3: Be careful your hands or any other part of your body is not caught with the front cover.
- 4: Be careful your hands or any other part of your body is not caught with the platen.
- 5: Moving parts can crush and cut. Keep hands clear. Do not operate with the guard removed.

Back



- 1: The machine weighs around 110 kg (242.5 lb.). Be sure to carry it with the help of 4 people.
- 2: This label is meant for customer engineers.
CAUTION: DOUBLE POLE/NEUTRAL FUSING
Mains will be disconnected to de-energize the phase conductors.

Goggles and gloves



1-5: Be sure to wear commercially available goggles and gloves.

Waste ink bottle



1: Keep the waste ink bottle out of reach of children.

Ink cartridge



1: Keep the ink cartridge out of reach of children, and do not disassemble the ink cartridge.

Cleaning cartridge



- 1: Keep the cleaning cartridge out of reach of children, and do not disassemble the cleaning cartridge.
- 2: For notes on the handling of the cleaning cartridge, see page 9 "Requirements for handling supplies".

Symbols for the Power Switch

The meanings of the symbols for the switches on this machine are as follows:

- I: POWER ON
- O: POWER OFF
- ⏻: STANDBY

User's Notes

- During operation, do not touch the carriage. Do not put your hand into the gap between the front cover and platen.
- For information about how to use the heat press device, see the User Manual.
- When removing the fabric, be careful so that your clothing is not stained with ink. If your clothing comes into contact with ink, wash the stained area with cold water.

2. Information for This Machine

Laws and Regulations

Legal Prohibition

Do not copy or print any item for which reproduction is prohibited by law.

Copying or printing the following items is generally prohibited by local law: bank notes, revenue stamps, bonds, stock certificates, bank drafts, checks, passports, driver's licenses. The preceding list is meant as a guide only and is not inclusive. We assume no responsibility for its completeness or accuracy. If you have any questions concerning the legality of copying or printing certain items, consult with your legal advisor.

FCC Statement (USA):

- **Note:** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
- **Caution:** Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority to operate the equipment.

- **Supplier's Declaration of Conformity**

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.

Responsible party: Ricoh USA, Inc.

Address: 300 Eagleview Boulevard, Suite 200 Exton, PA 19341, U.S.A.

Telephone number: 610-296-8000

Product Name: Garment Printer

Model Number: RICOH Ri 1000X

Note to Users in California (USA):

- Perchlorate Material - special handling may apply. See: www.dtsc.ca.gov/hazardouswaste/perchlorate

3. Quick Installation Guide

Checking the Contents of the Product

The following contents are packaged with the product. Make sure all of these contents are included.

- RICOH Ri 1000X
- Power cord
- Ethernet cable
- Waste ink Bottle
- Waste ink tube
- Platen (Medium)
- Frame (Medium)
- ColorGATE Productionserver License card
- Safety Information and Quick Installation Guide
- User Maintenance Precautions
- Squeegee
- Heat press paper

For maintenance

- Cleaning liquid
- Cleaning applicators (1 set)
- Lint free wipes (1 set)
- Polyethylene gloves (5 sets)
- Grease
- Cleaning Jig
- Head Protection Cover

All items other than the printer are packaged in an Accessory Box inside the printer box. Keep all accessory items nearby for future use.

NOTE: This is the basic accessory kit included with all printers, and your accessory kit may include additional items.

About Manuals

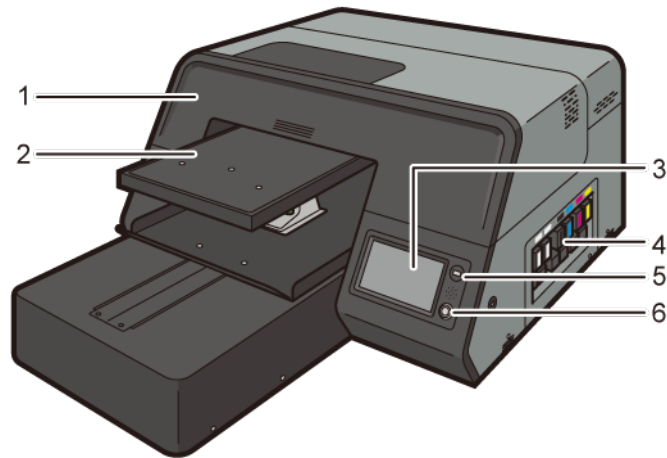
For details about how to use this machine and for the maintenance, settings, and troubleshooting thereof, see the User Manual.

For inquiries, contact your sales or service representative.

For details about how to use ColorGATE Productionserver, see the User Manual or related help file for ColorGATE Productionserver.

Guide to Components

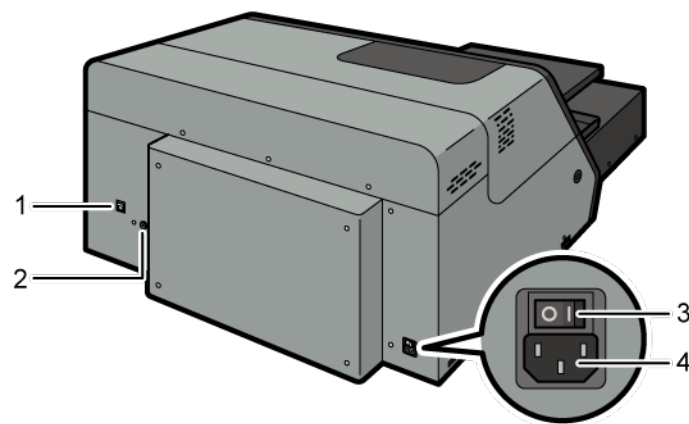
Front and Right View



EGU001

1. Front cover
2. Platen
3. Touch panel
4. Ink cartridges
5. USB-A port (2.0)
6. Sub power button

Rear View



EGU002

1. Ethernet port
2. Waste ink bottle connector
3. Main power switch
4. Power connector

Installing the Machine

Preparation

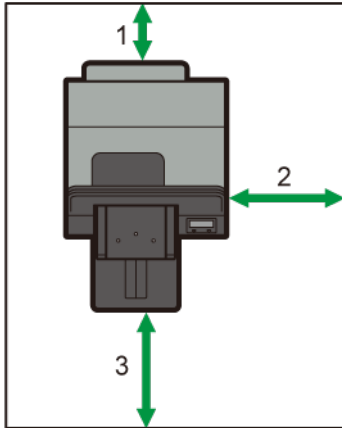
WARNING

- Avoid taking the following actions close to or inside this machine because doing so can result in fire or electric shock:
 - Using flammable sprays, solvents, and so on
 - Placing flammable sprays, solvents, and so on
 - Placing containers holding liquids or small metal objects

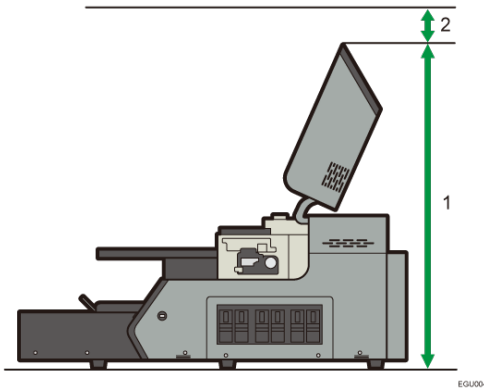
CAUTION

- Do not place the machine in a humid or dusty environment. Doing so can result in fire or electric shock.
- Do not place the machine on an unstable or tilted surface. Doing so can cause the machine to fall or topple over, possibly resulting in injury.
- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.
- Do not place heavy objects on the machine. Doing so can cause the machine to topple over, possibly resulting in injury.
- When using this machine in a poorly ventilated or narrow room continuously for a long period of time or printing a high volume of materials, make sure to ventilate the room sufficiently.
- Ensure adequate ventilation to keep the occupational exposure in the workplace in line with the occupational exposure guidelines (such as ACGIH) in the region. If necessary, provide local ventilators for required ventilation.
Recommended ventilation: 150 m³/h (The required ventilation depends on the installation environment.)
- Use at an altitude of 2,500 m or less. There is a possibility of electric shock, electric leakage, fire if it is used in an environment exceeding 2,500 m altitude.

- Reliable Power source/outlet. Consider using a UPS if your area’s power is unreliable.
- Electronic hygrometer/thermometer (to monitor the relative humidity of the room the printer is operating in). Keep it near the printer at all times 15°C to 32°C (59°F to 90 °F).
- Humidifier to increase humidity if it falls below 45% humidity. Humidity needs to remain between 45% to 80% RH, non-condensing.
- Place the machine near the power source, providing the clearance areas shown. The clearance shown is necessary for using and servicing the machine.



1. Rear: 10 cm (3.9 inches) or more
2. Right: 70 cm (27.6 inches) or more
3. Front: 50 cm (19.7 inches) or more



1. Max. height: 100 cm (approx. 39.4 inches)
2. Above: 10 cm (3.9 inches) or more

- Heat Press or conveyer dryer for heat curing the ink (THIS NEEDS ITS OWN CIRCUIT)
- Stable, Sturdy, and Level Table for the 110 kg (242.5 lb.) printer.
- Computer with Windows 10 or Windows 11 operating system.
- Graphics software installed in the computer, such as Photoshop, CorelDraw, Photoshop Elements, or Illustrator.
- High Volume Low Pressure (HVLP) electric sprayer or other type of sprayer for applying pretreatment for dark garments.

Unpacking

⚠ CAUTION

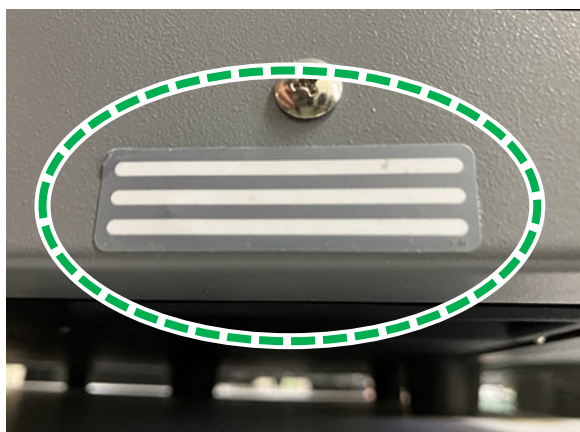
- The machine weighs around 110 kg (242.5 lb.).
- Four or more people are required to lift the printer. When moving the printer, lift it slowly so that you do not strain yourself. Lifting the printer forcibly or handling it roughly to drop it will risk injury.

1. Keep the shipping box in the proper orientation. (See the arrows on the shipping box.)
2. Remove the poly wrap and strapping.
3. Remove the top lid, upper foam, and separator sleeve.
4. Place the printer on your table.

IMPORTANT!

- **Do not lift by the platen or platen base, lift from box with the help of 4 people.**

Grip the indentations for lifting at the base of the machine's sides with four people or more, as shown. Lift and carry the machine slowly and carefully.

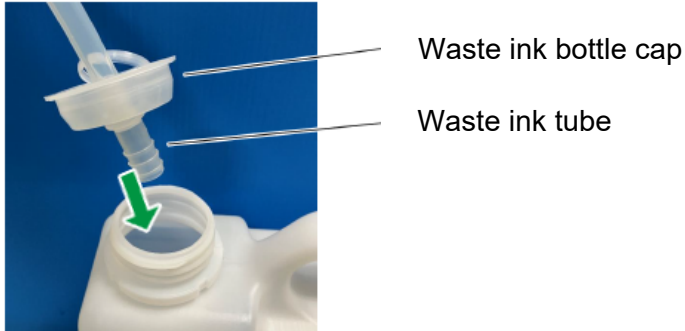


Installing the Waste Ink Bottle and Ink Cartridges

IMPORTANT!

- **The printer cannot determine if the waste ink bottle is connected. Make sure the waste ink bottle is connected properly.**

1. Insert the waste ink tube into the waste ink bottle.



The waste ink bottle shown in the picture above might be slightly different than the actual waste ink bottle included with the product.

2. Close the waste ink bottle cap.



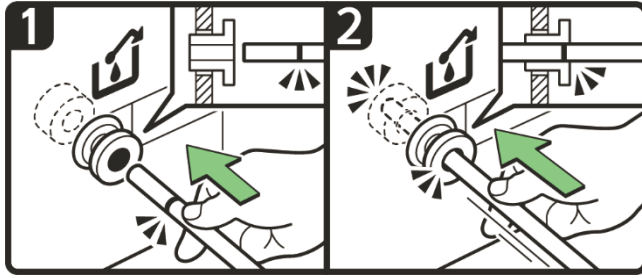
Close the waste ink bottle cap tightly and make sure that there is no gap between the waste ink bottle cap and the waste ink bottle.

3. Remove the tape and towel from the waste ink bottle connector, and then connect the waste ink tube to the waste ink bottle connectors on the right back side of the printer.



IMPORTANT!

- There is a marking on the waste ink tube. Insert the waste ink tube until the marking disappears into the waste ink bottle connector.



4. Secure the waste ink bottle in an upright position with tape.



IMPORTANT!

- Install the waste ink bottle vertically. If installed horizontally, the waste ink inside could leak out.



- Attach the waste ink tube in a way that the ink flows vertically from the printer on top to the waste ink bottle at the bottom. If the top-to-bottom orientation is reversed at any point along the way, the waste ink may not flow smoothly and cause a malfunction.

- **Connect the waste ink tube straight to the waste ink bottle. If the waste ink tube is bent or twisted, ink could become clogged inside the tube and thus could cause a malfunction.**



5. Agitate the new white cartridges.

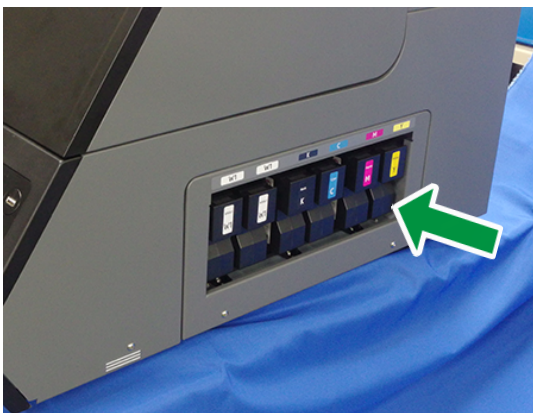
For details about agitating a new white cartridge, see page 32, “Agitating a New White Cartridge”.



6. Insert the ink cartridges.

IMPORTANT!

- **When installing the ink cartridges, do not touch the inside of the machine.**
- **Carefully install a cartridge in the correct position.**
- **During the initial ink charging, do not lift the front cover or cartridge cover.**
- **During the initial ink charge, if you lift the cover, the procedure will pause. To resume, hold the power button down to reboot the printer.**
- **Agitate all the white cartridges before inserting them into the printer, and then begin the fill process.**



For white ink, insert two white ink cartridges.

You can insert each ink cartridge into either of the designated slots.

NOTE - Push the cartridges all the way through until they stop.
Be sure not to insert cleaning cartridges. The cleaning cartridges have the following labels affixed to them:



RICOH
RICOH Cleaning Cartridge
Time to go
CLEANING

! i

Read the user manual before using the product. The user manual is available on the Ricoh website. Ricoh is not responsible for any damage or injury caused by the use of the product. Ricoh is not responsible for any damage or injury caused by the use of the product. Ricoh is not responsible for any damage or injury caused by the use of the product.

LPC CODE
0 26649 4281 4 2

EAN CODE
4 961311 975103

EPD CODE
3 4 2 8 1 4

M K T O A

Supply the ink as follows:



EGU111

Turning On the Power

WARNING

- Avoid taking the following actions because doing so can result in fire or electric shock:
 - Using any power supply voltage or frequencies other than those that match the specifications shown
 - Using multi-socket adaptors
 - Using extension cords
 - Touching the prongs of the power cable's plug with anything metallic

- Avoid applying the following actions to power cords because doing so can result in fire or electric shock:
 - Damaging them
 - Bundling them
 - Modifying them
 - Putting heavy objects on them
 - Pulling them forcibly
 - Bending them forcibly

- Do not handle the power cord plug with wet hands. Doing so can result in electric shock.

- The supplied power cord or cords are for use with this machine only. They cannot be used for appliances other than this machine. Also, do not use power cords other than the power cord or cords supplied with this machine. Doing so can result in fire or electric shock.

- To prevent fire or electric shock, disconnect the plug and the power cord from the wall outlet at least once a year and check them. If any of the following conditions exist, do not use the plug and the power cord continuously, and consult your dealer or service representative.
 - There are burn marks on the plug
 - The prongs on the plug are deformed
 - The power cord's inner wires are exposed or broken
 - The power cord's coating is cracked, dented, or damaged
 - When the power cord is bent, the power turns off and on
 - Part of the power cord becomes hot

CAUTION

- When disconnecting the power cord from the wall outlet, make sure to pull the plug, not the cord. Do not pull the power cord forcibly. Doing so can damage the power cord, possibly resulting in fire or electric shock.

- Be sure to push the power cord plug fully into the wall outlet. Also, do not push it into loose and unstable wall outlets likely to cause a contact failure. Doing so can result in heat generation.

CAUTION

- Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year. Allowing dust to build up on the plug constitutes a fire hazard.

1. Connect the power cord to the power connector.



2. Turn ON the main power switch.



3. Hold down the sub power button for more than 2 seconds.



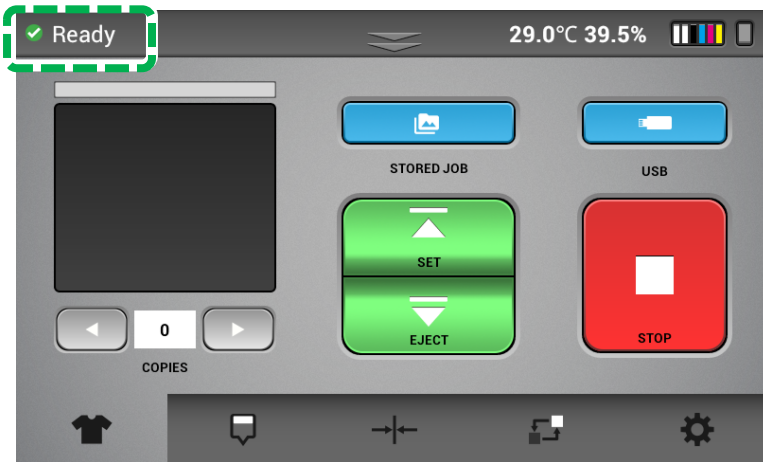
4. After booting, the printer will perform initial ink charging if the ink is not charged.

Initial ink charging takes about 20 minutes.

NOTE - During initial ink charging, do not lift the front cover. During initial ink charging, if it is paused by lifting the front cover, hold down the sub power button to reboot printer.



Once the initial ink charge is completed, the printer shows "Ready" in the upper left-hand corner of the touch screen.



After completing the initial ink charging, proceed to the next step.

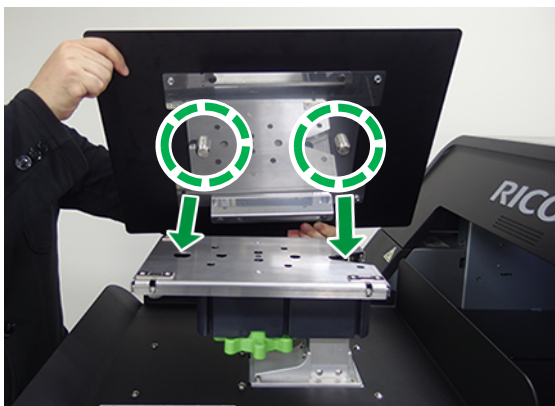
Attaching the Platen

1. Attach the platen.

The two protrusions on the back of the platen should be set correctly into the holes in the platen base.

There is a hole on the back side of the platen base that has a guide shape.

When setting the platen, it is easier to insert the pin to the back side when viewed from the front of the machine.



Network Connection

1. Insert the ethernet cable into the Ethernet port.



2. Configure the network settings.

For details about configuring such settings, see the User Manual.

Handling the Ink Cartridge

WARNING

- The following explains the warning messages on the plastic bag used in this product's packaging:
 - Do not leave the polythene materials (bags, etc.) supplied with this machine close to babies and small children. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

CAUTION

- When handling ink, cleaning solution, or pretreatment liquid, follow the instructions in the manual for the correct usage.
- If ink, cleaning solution, or pretreatment liquid is swallowed, inhaled, or gets in the eyes, follow the guidance in the appropriate safety data sheet (SDS). Download the SDS from the following website:
 - <https://www.ricoh.com/environment/msds/>
- To prevent being stained by ink or cleaning solution, wear protective gear (protective gloves, protective glasses/goggles, protective clothing). Also take care not to stain your surroundings while agitating the ink.
- Place ink, cleaning solution, and pretreatment liquid in a cool, well-ventilated place out of the reach of children.
- Keep waste ink, containers for ink, cleaning solution, and pretreatment liquid, and components that have been in contact with ink out of the reach of children.
- When handling ink, cleaning solution, or pretreatment liquid, avoid getting anything on your clothing. If you do, wash the stained area with cold water.
- When replacing a cartridge containing ink, cleaning solution, or pretreatment liquid, avoid getting anything on your clothing. If you do, wash the stained area with cold water.
- When replacing a cartridge containing ink, cleaning solution, or pretreatment liquid, avoid getting anything on your skin. If you do, wash the affected area thoroughly with soap and water.
- When removing a cartridge containing ink, cleaning solution, or pretreatment liquid, avoid putting your hand near the location in which the cartridge is installed (such as the ink supply nozzle and its surrounding areas). If you get anything on your hands, wash them thoroughly with soap and water.
- The ink cartridge surface may have ink on it, so be careful to avoid ink stains.
- Do not remove the cartridge while operating the machine. Doing so may cause the ink to spray, staining clothes and surroundings. If you get anything on your hands, wash them thoroughly with soap and water.

CAUTION

- Do not disassemble a cartridge containing ink, cleaning solution, or pretreatment liquid. Doing so may leave ink stains or cleaning solution on your hands and fingers.
- When shaking a cartridge containing ink, cleaning solution, or pretreatment liquid, be careful about safety of your surroundings and ink stains. Otherwise, injury or stains on household items may result.
- Do not hit or drop it when agitating. It may cause injury, cartridge damage, or ink leakage.
- Do not excessively agitate/shake. It may cause ink leakage.
- Agitate/shake as instructed. Other methods may cause ink leakage.
- Be sure to wear commercially available protective glasses, gloves and clothing when replacing or handling cartridges.

IMPORTANT!

- **If the ink cartridge has been empty for a long time, you will not be able to perform the maintenance for the print head. This may cause a printer malfunction. Make sure you always have a new ink cartridge. Install it soon after the message about replacement appears.**

About ink cartridges

- Ink cartridges comply with the manufacturer's safety specifications. To ensure safety and reliability, use genuine ink cartridges.
- Do not reuse the ink cartridges.

Using ink cartridges

- Do not open the package of an ink cartridge until the cartridge will be installed in the machine.
- Do not touch the ink cartridges' ink inlets or chip contacts.
- Do not take apart ink cartridges.
- Always confirm the color of an ink cartridge before installing it.
- Do not remove an ink cartridge once it has been installed unless necessary.
- Do not remove an ink cartridge while printing is being performed. Printing will stop.

Agitating a New White Cartridge

Please agitate the white ink before attaching a new white cartridge to the printer.

Be sure to agitate the white ink daily. A message prompting you to agitate the white ink appears every 12 hours. When this message appears, immediately shake the white ink cartridge according to the instructions.

White ink is prone to ink precipitation (the tendency for the ink to accumulate at the bottom of the ink solution). Ink precipitation may decrease the print density or cause nozzle clogging. Be sure to agitate the white ink when you unpack the ink cartridge and once a day after it has been unpacked.

IMPORTANT!

- **Failure to follow these procedures may cause print head nozzle issues.**
- **Do not shake the cartridge too quickly or too hard.**

The agitating method should be as follows:

- To prevent being stained by ink or cleaning solution, wear protective gear (protective gloves, protective glasses/goggles, protective clothing). Also take care not to stain your surroundings while agitating the ink.

1. Prepare

Use a lint free wiper to wipe off any dirt on the white ink cartridge and cartridge slot. For details on how to clean the cartridge and cartridge slot, see the User Manual. Make sure there are no tears or cracks on the white ink cartridge.

2. Agitate the ink

Hold the cartridge as shown in Figure 1.

Hold the white ink cartridge with the ink supply port face up.

Shake the ink cartridge by tilting it side to side at 45° degree angles, as shown below.

Shake the cartridge for 50 seconds at a speed of 2 back-and-forth shakes per second.

Figure 1



- #### 3. After agitating the ink, wipe off any ink stains on the ink supply port.

Disposing a Depleted Ink Cartridge

Dispose of a Depleted Ink Cartridge and Cleaning cartridge in accordance with applicable laws and ordinances.

If you are uncertain about disposal, consult with your local dealer.

Handling the Waste Ink Bottle

CAUTION

- If the waste ink gets into contact with your eyes, wash them immediately with running water. Consult a doctor if necessary.
- Keep the waste ink bottle out of reach of children.
- Keep waste ink, containers for ink, cleaning solutions, pretreatment liquids, and components that have been in contact with ink out of reach of children.
- When replacing a waste ink bottle, avoid getting anything on your clothing. If otherwise, wash the stained area with cold water.
- When replacing a waste ink bottle, avoid getting anything on your skin. If otherwise, wash the affected area thoroughly with soap and water.
- Be sure to wear commercially available goggles and gloves when performing the following maintenance:
 - Cleaning the maintenance unit, head nozzle plate, wiper, left ink sump, encoder sheet, and guide rod
 - Replacing the left and right ink sump, ink supply unit, maintenance unit, ink cartridges, and waste ink bottle

About waste ink bottle

- Do not open a waste ink bottle unless necessary.
- Install the waste ink bottle vertically. If installed horizontally, the waste ink inside could leak outward.
- Be sure to secure the waste ink bottle.

Disposing of the Waste Ink and Waste Ink Bottle

Dispose of the waste ink and waste ink bottle in accordance with applicable laws and ordinances. If you are uncertain about how to dispose of these items, consult with your local dealer.

4. Installing ColorGATE Productionserver

This machine uses ColorGATE Productionserver for printing. ColorGATE Productionserver must be installed on your PC.

System Requirement

The productionserver22 system requirements are as follows.

For the system requirements for the latest version, see the ColorGATE web site (<https://www.colorgate.com/>).

Operating systems (64-Bit):

- Microsoft Windows 10 (Pro, Enterprise)
- Microsoft Windows 11
- Microsoft Windows Server 2016
- Microsoft Windows Server 2019
- (Apple macOS with Parallels Desktop)

Minimum hardware requirements:

- CPU: Intel Core i3-2100 / Athlon II X2 340
- RAM: ≥4 GB
- Free disk space: 120 GB
- Display resolution: 1280 x 1024

Recommended for using one printer:

- CPU: Intel i5-7500 or newer / AMD Ryzen 5 1600 or newer
- RAM: ≥8 GB
- Free disk space: 120 GB SSD
- Display resolution: 1920 x 1080

Recommended for using multiple printers:

- CPU: Intel i9-9900K or newer / AMD Ryzen 7 3800X or newer
- RAM: ≥16 GB
- Free disk space: 512 GB NVME
- Display resolution: 1920 x 1080

Installation and operation:

LAN adapter, TCP/IP for network access required, software-based licenses require internet access

Interfaces:

Ethernet, TCP/IP, FireWire

Use in virtualized environments:

Software based licenses:

Operation of the ColorGATE software on virtual machines is not permitted with software based licenses.

Please check the ColorGATE Web page for the detailed operating environment.

(<https://www.colorgate.com/>)

Follow the steps below to install ColorGATE Productionserver.

Printer Setup

The setting of IP address for the machine

The setting method of IP address for this machine are two patterns.

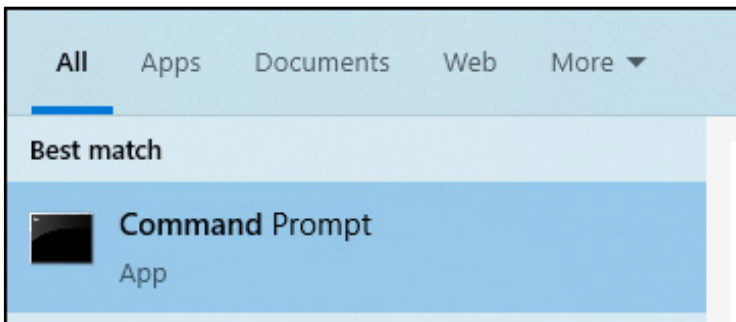
Case1: For connecting directly to the printer from a PC that is not parts of a network.

Case2: For DHCP setup

Case1: For connecting directly to the printer from a PC that is not parts of a network.

[Confirming IP address of your PC]

1. Open the command prompt dialogue box on your PC.

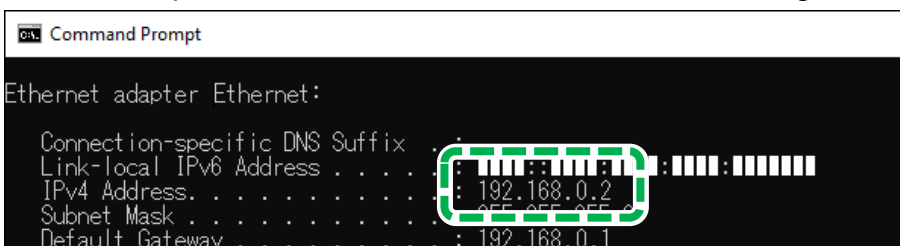


2. Type "ipconfig" in the first line in the command prompt.



3. In the "Ethernet adapter Ethernet" section, check the address of "IPv4 Address", "Subnet Mask", and "Default Gateway". For the IP address, use the "IPv4 Address" but change the last three digits to a number that will be unique to the printer. For subnet mask and default gateway, use them for the printer.

In the example below, we took 192.168.0.2 and will assign 192.168.0.3 to the printer.



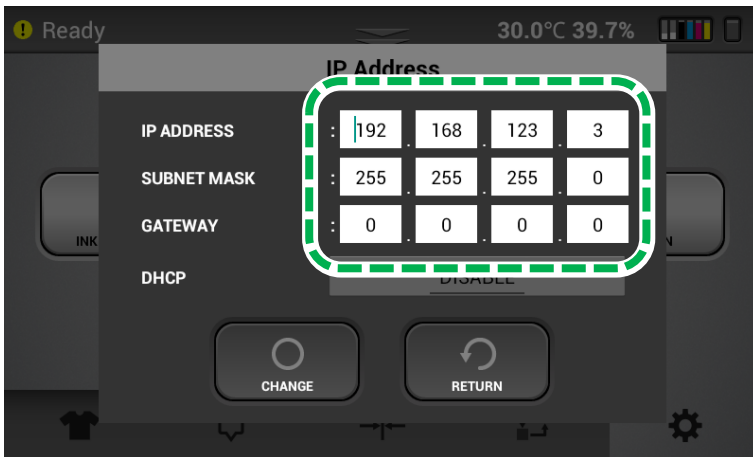
4. Proceed to Step 1 in [Configuring the IP address of the machine].

[Configuring IP address of the machine]

1. Press the Setting tab on the touch panel of this machine.



2. Press [OPTION].
3. Press [IP ADDRESS].
4. If DHCP setting is "ENABLE", change to "DISABLE".
5. Enter the new IP address, subnet mask, and default gateway.



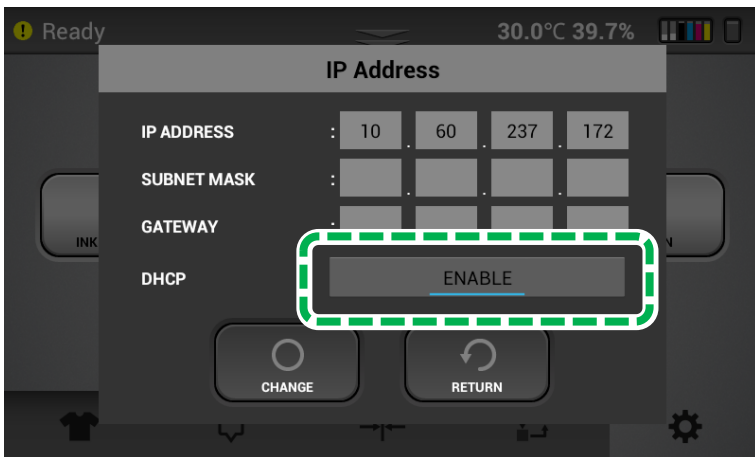
6. Press [CHANGE].

Case2: For DHCP setup

1. Press the Setting tab on the touch panel of this machine.



2. Press [OPTION].
3. Press [IP ADDRESS].
4. Setting DHCP to [ENABLE] to add the printer to an existing network.



Check the assigned IP ADDRESS.

Usage of ColorGATE Productionserver

For the setup procedure and basic usage of ColorGATE Productionserver, refer to the “User Guide” for RICOH Ri 1000X.

5. Appendix

Where to Inquire

For inquiries, contact your sales or service representative.

Revision history

Revision	Date issued	Description
Initial version	September, 2022	
A	January, 2023	Page.34,38,39
B	June, 2023	Page.13,21
C	June, 2023	Page.14,22,23,24,29

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The proper names of the Windows operating systems are as follows:

The product names of Windows 10 are as follows:

- Microsoft® Windows® 10 Home
- Microsoft® Windows® 10 Pro
- Microsoft® Windows® 10 Enterprise

The product names of Windows 11 are as follows:

- Microsoft® Windows® 11 Home
- Microsoft® Windows® 11 Pro
- Microsoft® Windows® 11 Enterprise
- Microsoft® Windows® 11 Education
- Microsoft® Windows® 11 Pro Education
- Microsoft® Windows® 11 Pro for Workstations

The product names of Windows Server 2016 are as follows:

- Microsoft® Windows Server® 2016 Datacenter
- Microsoft® Windows Server® 2016 Standard
- Microsoft® Windows Server® 2016 Essentials
- Microsoft® Windows Server® 2016 MultiPoint® Premium Server

The product names of Windows Server 2019 are as follows:

- Microsoft® Windows Server® 2019 Datacenter
- Microsoft® Windows Server® 2019 Standard
- Microsoft® Windows Server® 2019 Essentials

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RICOH Ri 1000X

Consignes de sécurité



Veillez lire ce manuel avec attention avant d'utiliser l'appareil et conservez-le à portée de main pour pouvoir le consulter ultérieurement. Pour votre sécurité et pour une utilisation correcte de l'appareil, veuillez lire dans ce manuel les « Consignes de sécurité pour cet appareil » avant de l'utiliser.

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Introduction

Le présent manuel contient des instructions détaillées et des remarques relatives au fonctionnement et à l'utilisation de l'imprimante. Pour votre sécurité et votre bénéfice, veuillez lire attentivement le présent manuel avant toute utilisation. Conservez ce manuel dans un endroit accessible afin de pouvoir le consulter rapidement.

Avant de commencer...

Seuls les utilisateurs correctement formés peuvent faire fonctionner l'appareil.

Comment lire les manuels

Avis de non-responsabilité

Le contenu de ce manuel peut être sujet à des modifications sans avertissement préalable. Dans le cadre prévu par la loi, en aucun cas le fabricant ne peut être tenu responsable de tout dommage pouvant découler de pannes de cet appareil, de pertes de données enregistrées, ou de l'utilisation ou de la non utilisation de ce produit et des manuels utilisateurs fournis avec celui-ci. Assurez-vous d'avoir une copie ou une sauvegarde des données enregistrées sur l'appareil. Il est possible que des documents ou des données soient effacés en raison d'erreurs d'utilisation ou de dysfonctionnements de l'appareil. En aucun cas le fabricant ne saurait être tenu responsable des documents que vous avez créés à l'aide de cet appareil ou des résultats des données exécutées par vos soins.

Remarques

Le fournisseur ne pourra être tenu responsable d'aucun dommage ou frais pouvant résulter de l'utilisation de pièces autres que les pièces d'origine du fournisseur avec vos produits. Pour des documents de bonne qualité, le fournisseur recommande l'utilisation de son encre. Certaines illustrations de ce manuel peuvent être légèrement différentes de l'appareil. Il est possible que certaines options ne soient pas disponibles dans certains pays. Pour plus de détails, veuillez contacter votre revendeur. Selon le pays où vous résidez, certaines unités peuvent être en option. Pour plus de détails, veuillez contacter votre revendeur.

1. Consignes de sécurité

Les définitions des symboles de sécurité utilisés avec cet appareil

	Interdiction
	Attention
	Avertissement ; Point de pincement
	Attention, risque d'électrocution
	Attention, risque de coincement des mains ou des bras
	Gardez hors de portée des enfants
	Interdiction de démontage
	Consultez le Manuel utilisateur Pour plus d'informations sur les précautions à prendre à chaque emplacement comportant ce symbole graphique, consultez la section « Étiquettes de sécurité de cet appareil » de ce manuel.
	Porter des lunettes de protection
	Porter des gants de protection
	Ne pas toucher
	Attention surface chaude

Consignes de sécurité pour cet appareil

Les définitions des étiquettes de sécurité

AVERTISSEMENT

Indique une situation potentiellement dangereuse pouvant entraîner des blessures graves ou mortelles si les instructions ne sont pas suivies.

ATTENTION

Indique une situation potentiellement dangereuse pouvant entraîner des blessures mineures ou modérées ou causer des dégâts matériels.

Mesures de sécurité à prendre

Exigences de déballage des produits

AVERTISSEMENT

- La section suivante explique les messages d'avertissement du sac plastique utilisé pour l'emballage du produit :
 - Ne laissez pas les éléments en polythène (sacs, etc.) fournis avec l'appareil à la portée de bébés ou de jeunes enfants. Porter ces matériaux en polyéthylène à la bouche ou au nez peut causer un étouffement.

Exigences pour localiser et installer les appareils

AVERTISSEMENT

- Évitez de prendre les mesures suivantes près de ou à l'intérieur de l'appareil, car cela pourrait causer un incendie ou une électrocution :
 - Utiliser des pulvérisateurs, des solvants ou autres produits inflammables
 - Placer des pulvérisateurs, des solvants et autres produits inflammables
 - Placer des conteneurs contenant des liquides ou de petits objets métalliques

ATTENTION

- Ne placez pas l'appareil dans un environnement humide et poussiéreux. Cela risquerait de provoquer un incendie ou une électrocution.

- Ne placez pas l'appareil sur une surface instable ou inclinée. L'appareil pourrait tomber ou basculer et vous risqueriez de vous blesser.

- N'obstruez pas les orifices de ventilation de l'appareil. Cela pourrait entraîner un incendie suite à la surchauffe des composants internes.

ATTENTION

- Ne placez aucun objet lourd sur l'appareil. L'appareil pourrait tomber ou basculer et vous risqueriez de vous blesser.
- Lors de l'utilisation continue de cet appareil dans une pièce étroite ou mal ventilée pendant une longue période ou lors de l'impression d'un volume élevé de documents, veillez à suffisamment aérer la pièce.
- S'assurer que la ventilation est suffisante de manière à ce que l'exposition professionnelle sur le lieu de travail soit conforme aux directives relatives à l'exposition professionnelle (comme par exemple ACGIH) dans la région. Si nécessaire, prévoir des ventilateurs locaux pour obtenir la ventilation requise.
Ventilation recommandée : 150 m³/h (la ventilation requise dépend de l'environnement d'installation.)
- Ce produit peut être utilisé en toute sécurité dans les zones situées jusqu'à 2 500 mètres (8 202 pieds) au-dessus du niveau de la mer. L'utilisation dans des régions où l'altitude est supérieure à 2 500 mètres (8 202 pieds) peut entraîner une électrocution, un court-circuit ou un incendie.

Exigences pour utiliser les fiches et cordons d'alimentation

AVERTISSEMENT

- Évitez de prendre les mesures suivantes car elles pourraient entraîner un incendie ou une électrocution :
 - Utiliser une tension d'alimentation ou des fréquences autres que celles des spécifications indiquées
 - Utiliser des adaptateurs multiprise
 - Utiliser des rallonges électriques
 - Toucher les broches de la fiche du cordon d'alimentation avec un objet métallique
- Évitez d'appliquer les mesures suivantes sur le cordon d'alimentation car cela pourrait entraîner un incendie ou une électrocution :
 - Les endommager
 - Les emballer ensemble
 - Les modifier
 - Placer des objets lourds dessus
 - Les tirer en forçant
 - Les plier de force
- Ne manipulez pas la fiche du cordon d'alimentation avec les mains mouillées. Cela risque de provoquer une électrocution.
- Le ou les cordons d'alimentations fournis sont destinés uniquement à cet appareil. Ils ne peuvent pas être utilisés pour d'autres appareils que celui-ci. N'utilisez pas non plus d'autres cordons d'alimentation que celui ou ceux fournis avec cet appareil. Cela risquerait de provoquer un incendie ou une électrocution.

AVERTISSEMENT

- Pour éviter les incendies et les électrocutions, débranchez la fiche et le cordon d'alimentation de la prise murale au moins une fois par an pour les inspecter. Si l'un des cas suivants se produit, n'utilisez pas la fiche et le cordon d'alimentation en continu, et consultez votre revendeur ou le SAV.
 - Il y a des marques de brûlures sur la prise
 - Les broches de la prise sont déformées
 - Les fils internes du cordon d'alimentation sont à nu ou cassés
 - Le revêtement du cordon d'alimentation est fissuré, entaillé ou endommagé
 - Lorsque le cordon d'alimentation est courbé, l'alimentation se coupe
 - Une partie du cordon d'alimentation devient chaude

ATTENTION

- Lorsque vous débranchez le cordon d'alimentation de la prise murale, tirez toujours sur la fiche et non sur le câble. Ne forcez pas sur le cordon d'alimentation en tirant. Cela pourrait endommager le cordon, entraînant potentiellement un incendie ou une électrocution.

- Vérifiez que la fiche du câble d'alimentation est entièrement enfoncée dans la prise murale. Ne l'insérez pas non plus dans des prises murales lâches ou instables, ce qui pourrait causer un faux contact. Cela pourrait générer de la chaleur.

- Au moins une fois par an, débranchez la prise de la prise murale et nettoyez les broches ainsi que la zone qui les entoure. L'accumulation de poussière sur la prise constitue un risque d'incendie.

Source d'alimentation

- 100-120 V, 1,1 A ou plus, 50/60 Hz

La tension ne doit pas varier de plus de 10 %.

Veillez à raccorder le cordon d'alimentation à une source d'alimentation conforme aux indications ci-dessus.

Veillez à ce que la prise soit à proximité de l'appareil et librement accessible de manière à ce que la fiche puisse être facilement débranchée en cas d'urgence.

Exigences en cas d'urgence

AVERTISSEMENT

- Ne touchez pas cet appareil en cas de foudroiement à proximité. Cela risque de provoquer une électrocution.
- Assurez-vous d'installer l'appareil le plus près possible d'une prise murale pour pouvoir débrancher le cordon d'alimentation facilement en cas d'urgence.

⚠️ AVERTISSEMENT

- Si l'appareil agit de façon inhabituelle, mettez-le immédiatement hors tension. Après avoir mis l'alimentation hors tension, veillez à débrancher la fiche du cordon d'alimentation de la prise murale, puis contactez votre SAV pour expliquer le problème. L'utilisation continue du cordon d'alimentation risque de provoquer un incendie ou une électrocution.
 - L'appareil émet de la fumée
 - L'appareil émet des odeurs
 - Des objets métalliques ou d'autres corps étrangers sont tombés dans l'appareil
 - De l'eau ou d'autres liquides ont coulé dans l'appareil

- Si l'appareil bascule ou un capot ou une autre pièce est endommagé, coupez immédiatement l'alimentation. Après avoir débranché la fiche du cordon d'alimentation de la prise murale, contactez votre SAV. Utiliser l'appareil en continu risque de causer un incendie ou une électrocution

⚠️ ATTENTION

- L'appareil pèse environ 110 kg (242.5 lb.).
- Il faut au moins quatre personnes pour soulever l'imprimante. Soulevez l'appareil lentement lorsque vous le déplacez afin de ne pas vous fatiguer. Une manipulation brusque pour le soulever ou le déposer peut causer des blessures.

- Débranchez l'appareil avant de le déplacer. Lors du déplacement de l'appareil, veillez à ne pas coincer le cordon d'alimentation sous l'appareil. Le non-respect de ces précautions peut entraîner un incendie ou une électrocution.

- Lors de l'ouverture et de la fermeture du capot avant, assurez-vous de tenir la partie montrée ci-dessous. Faites attention à ne pas vous coincer la main ou une autre partie du corps dans le capot avant.



Exigences pour utiliser l'appareil

⚠️ ATTENTION

- Ne laissez pas les enfants s'approcher de l'appareil. Leurs mains ou leurs doigts risqueraient de se coincer dans l'ouverture et ils risqueraient de se blesser.

- Ne laissez personne d'autre que les personnes habilitées s'approcher de l'appareil. Leurs mains ou leurs doigts risqueraient de se coincer dans l'ouverture et ils risqueraient de se blesser.

ATTENTION

- Conservez les clés USB hors de portée des enfants. Si un enfant avale accidentellement une clé USB, consultez immédiatement un médecin.

Exigences pour manipuler l'intérieur de l'appareil

AVERTISSEMENT

- Ne retirez aucun capot ou vis autres que ceux spécifiquement mentionnés dans le Manuel de l'utilisateur.
- Mettez l'appareil hors tension à l'arrière avant de retirer le capot. Retirer le capot sans avoir éteint l'appareil ou retirer des éléments autres que ceux explicitement indiqués peut provoquer une électrocution.

- Ne tentez pas de démonter ou de modifier cet appareil. Cela risquerait d'entraîner des brûlures ou une électrocution.

ATTENTION

- N'ouvrez pas le capot pendant le fonctionnement de l'appareil. Vos mains ou vos doigts risqueraient de se coincer dans l'appareil, pouvant causer des blessures.

Exigences pour manipuler les fournitures

ATTENTION

- Lorsque vous manipulez de l'encre, de la solution de nettoyage ou du liquide de prétraitement, suivez les instructions du manuel pour une utilisation correcte.

- En cas d'ingestion ou d'inhalation d'encre, de liquide de nettoyage ou de prétraitement, ou de contact oculaire avec ces produits, suivez la procédure de la fiche de données de sécurité (SDS) correspondante. Téléchargez la SDS sur le site internet suivant :

- <https://www.rioh.com/environment/msds/>

- Pour éviter toute tache d'encre ou de solution nettoyante, portez des vêtements de protection (gants de protection, verres/lunettes de protection, vêtements de protection). Veillez également à ne pas tacher les zones environnantes lors de l'agitation de l'encre.

- Conservez l'encre, les liquides de nettoyage et de prétraitement dans un endroit frais, bien aéré et hors de portée des enfants.

- Conservez l'encre, les liquides de nettoyage et de prétraitement, ainsi que les composants ayant été en contact avec l'encre usagés hors de portée des enfants.

- Lors de la manipulation de l'encre, des liquides de nettoyage et de prétraitement, évitez de tacher vos vêtements. Dans le cas contraire, lavez la zone tachée à l'eau froide.

- Lors du remplacement d'une cartouche qui contient de l'encre, du liquide de nettoyage ou de prétraitement, évitez de tacher vos vêtements. Dans le cas contraire, lavez la zone tachée à l'eau froide.

ATTENTION

- Lors du remplacement d'une cartouche qui contient de l'encre, du liquide de nettoyage ou de prétraitement, évitez de vous en mettre sur la peau. Si votre peau entre en contact avec ces produits, lavez soigneusement la partie affectée avec du savon et de l'eau.
- Lors du remplacement d'une cartouche qui contient de l'encre, du liquide de nettoyage ou de prétraitement, évitez de mettre votre main à proximité de l'endroit où elle est installée (notamment sur les buses d'encre et aux alentours). Si vos mains entrent en contact avec ces produits, lavez-les soigneusement avec du savon et de l'eau.
- De l'encre peut se trouver sur la surface de la cartouche. Veillez à ne pas vous tacher.
- Ne retirez pas la cartouche lorsque vous utilisez la machine. Cela pourrait faire en sorte que l'encre pulvérise et tache vêtements et environs. Si vos mains entrent en contact avec ces produits, lavez-les soigneusement avec du savon et de l'eau.
- N'essayez jamais de démonter une cartouche qui contient de l'encre, du liquide de nettoyage ou de prétraitement. Le non-respect de cette consigne pourrait provoquer l'apparition de taches d'encre ou de solution de nettoyage sur vos mains et vos doigts.
- Lorsque vous secouez une cartouche qui contient de l'encre, du liquide de nettoyage ou de prétraitement, veillez à ne pas mettre en péril ou tacher votre environnement. Cela pourrait causer des blessures ou des taches sur le mobilier.
- Ne la frappez pas ou ne la laissez pas tomber lors du remuement. Car cela risque de provoquer des blessures, un endommagement de la cartouche, une fuite d'encre.
- NE l'agitez/secouez PAS excessivement car cela pourrait provoquer une fuite d'encre.
- DOIT ÊTRE AGITÉE/SECOUÉE comme indiqué. D'autres méthodes peuvent causer une fuite d'encre.
- Veillez à porter des lunettes de protection, des gants et des vêtements disponibles dans le commerce lors du remplacement ou de la manipulation des cartouches.

Mesures à respecter lors du raccordement électrique

AVERTISSEMENT

- Si vous utilisez une ASI (alimentation sans interruption) pour ce produit, assurez-vous que sa puissance de sortie est suffisante. Si sa puissance de sortie est insuffisante, l'ASI risque de fumer ou de prendre feu. Lisez attentivement les instructions de l'ASI et vérifiez sa puissance de sortie nominale avant de l'utiliser. Pour toute question, contactez votre revendeur Ricoh.
- Si vous utilisez un parasurtenseur avec ce produit, une pièce appelée varistance à l'intérieur du parasurtenseur est susceptible de se détériorer après une utilisation prolongée, entraînant un dysfonctionnement du parasurtenseur, un dégagement de fumée ou un incendie. Lisez attentivement les instructions du parasurtenseur et utilisez-le correctement. Pour toute question, contactez votre revendeur Ricoh.

ATTENTION

- Lors du déplacement de la platine, veillez à ne pas vous coincer les mains ou les doigts. Vous risqueriez de vous blesser.

Retrait de la toile

ATTENTION

- Lors du retrait de la toile, veillez à ce que votre main ou une autre partie du corps n'entre pas en contact avec l'encre. Si votre peau entre en contact avec l'encre, lavez soigneusement la partie affectée avec du savon et de l'eau. Si vos vêtements entrent en contact avec l'encre, lavez la zone tachée à l'eau froide.

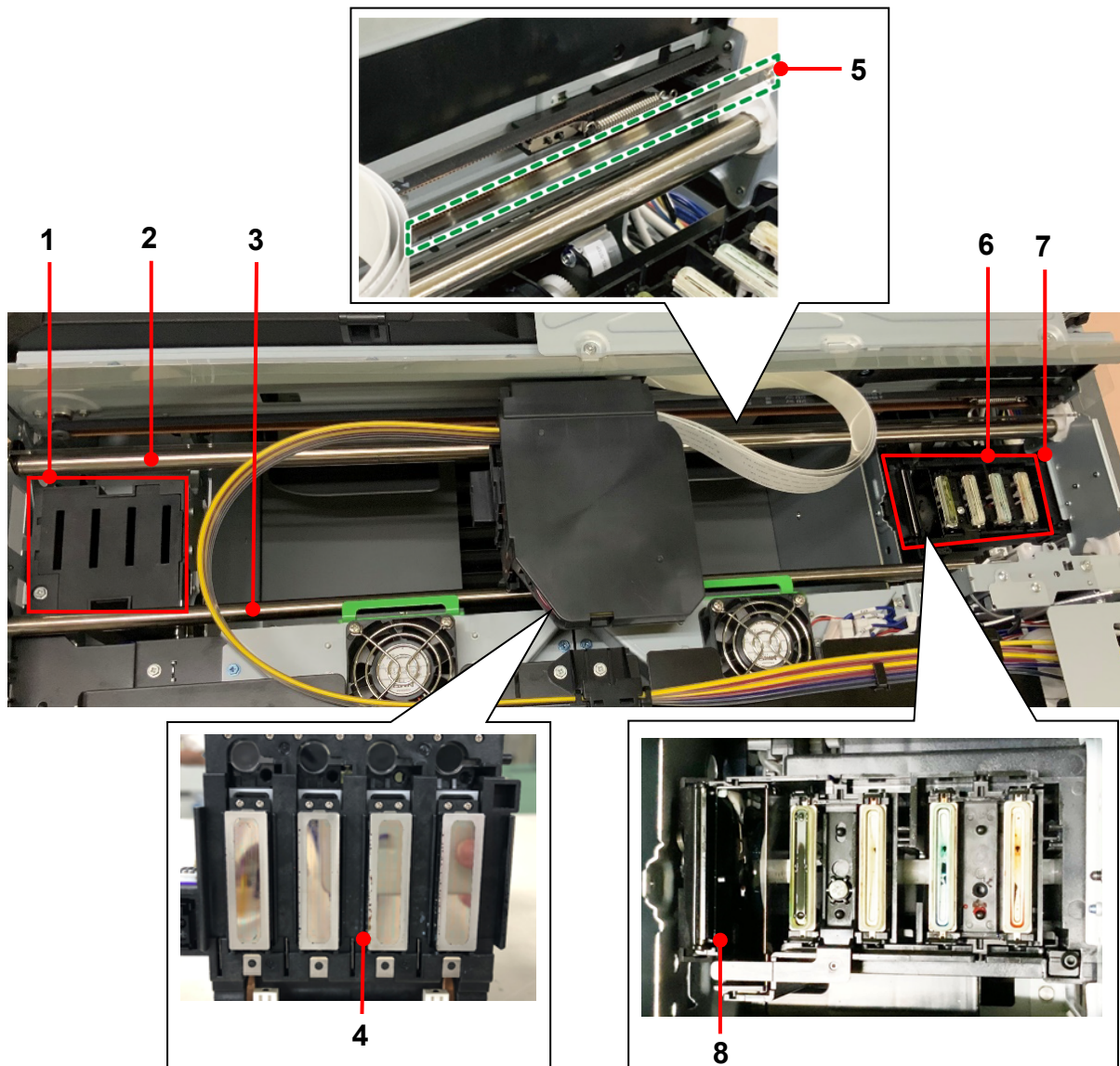
Maintenance (nettoyage des unités et élimination de l'encre usagée)

ATTENTION

- Lors de la maintenance, le chariot peut se mettre en mouvement lorsque le capot avant est ouvert. Ne touchez pas le chariot en mouvement. Vous risqueriez de vous blesser.
- Suivez les procédures décrites dans le manuel de l'utilisateur pour les travaux d'entretien et installez correctement les pièces et les couvercles. Le non-respect de cette consigne de travail fiable peut provoquer des blessures ou un dysfonctionnement.
- Lorsque vous utilisez un tournevis, veillez à ne pas vous blesser avec la pointe du tournevis.
- Si l'encre usagée entre en contact avec vos yeux, lavez-les immédiatement à l'eau courante. Consultez un médecin si nécessaire.
- Gardez la bouteille d'encre usagée hors de portée des enfants.
- Gardez l'encre usagée, les récipients d'encre, les solutions de nettoyage, les liquides de prétraitement et les composants ayant été en contact avec l'encre hors de portée des enfants.
- Lors du remplacement d'une bouteille d'encre usagée, évitez de tachez vos vêtements. Dans le cas contraire, lavez la zone tachée à l'eau froide.
- Lors du remplacement d'une bouteille d'encre usagée, évitez de tachez votre peau. Dans le cas contraire, lavez soigneusement la partie affectée avec de l'eau et du savon.

CAUTION

- Veillez à porter des lunettes et des gants disponibles dans le commerce lors des opérations de maintenance suivantes :
 - Nettoyage de l'unité d'entretien, de la plaque de buse de tête, de la racle, du bac d'encre restante, de la feuille du codeur, et de la tige de guidage
 - Remplacement du bac d'encre gauche et droit, de l'unité d'alimentation d'encre, de l'unité de maintenance, des cartouches d'encre et des flacons d'encre résiduelle



1. Bac d'encre gauche
2. La tige de guide : principale
3. La tige de guide : avant
4. Plaque de buse de tête^{*1}
5. Plaque de l'encodeur
6. Unité d'entretien
7. bac d'encre droit^{*2}
8. Balai

*1. Situé derrière le chariot.

*2. Situé sous l'unité de maintenance.

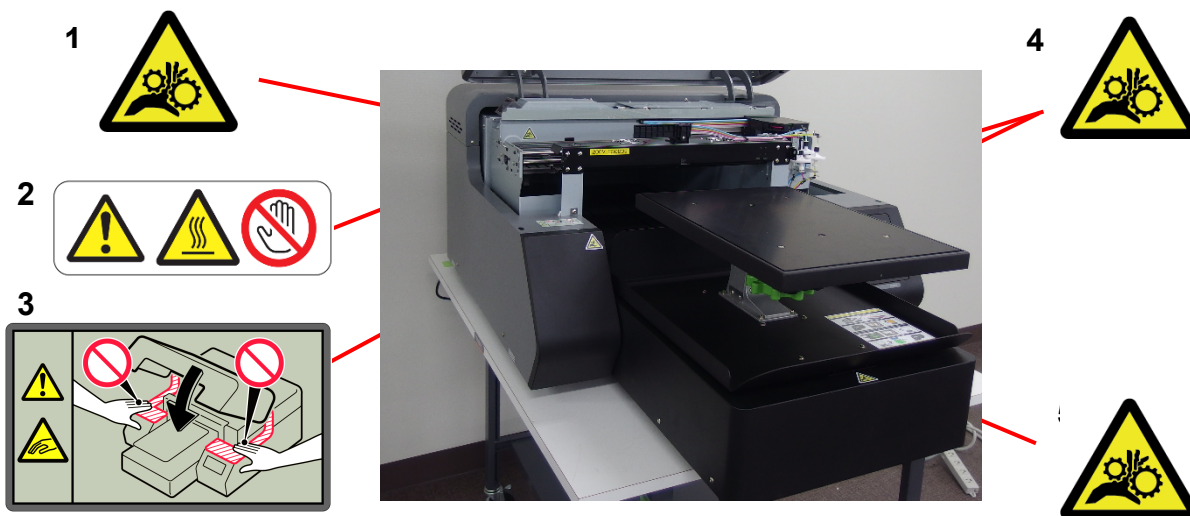
Étiquettes de sécurité de cet appareil

Cette section contient des informations concernant les étiquettes d'information de sécurité de l'appareil.

Emplacements des étiquettes ⚠️AVERTISSEMENT et ⚠️ATTENTION

Cet appareil comporte des étiquettes ⚠️AVERTISSEMENT et ⚠️ATTENTION situées aux emplacements illustrés ci-dessous. Pour votre sécurité, suivez les instructions et manipulez l'appareil de la manière indiquée.

Avant



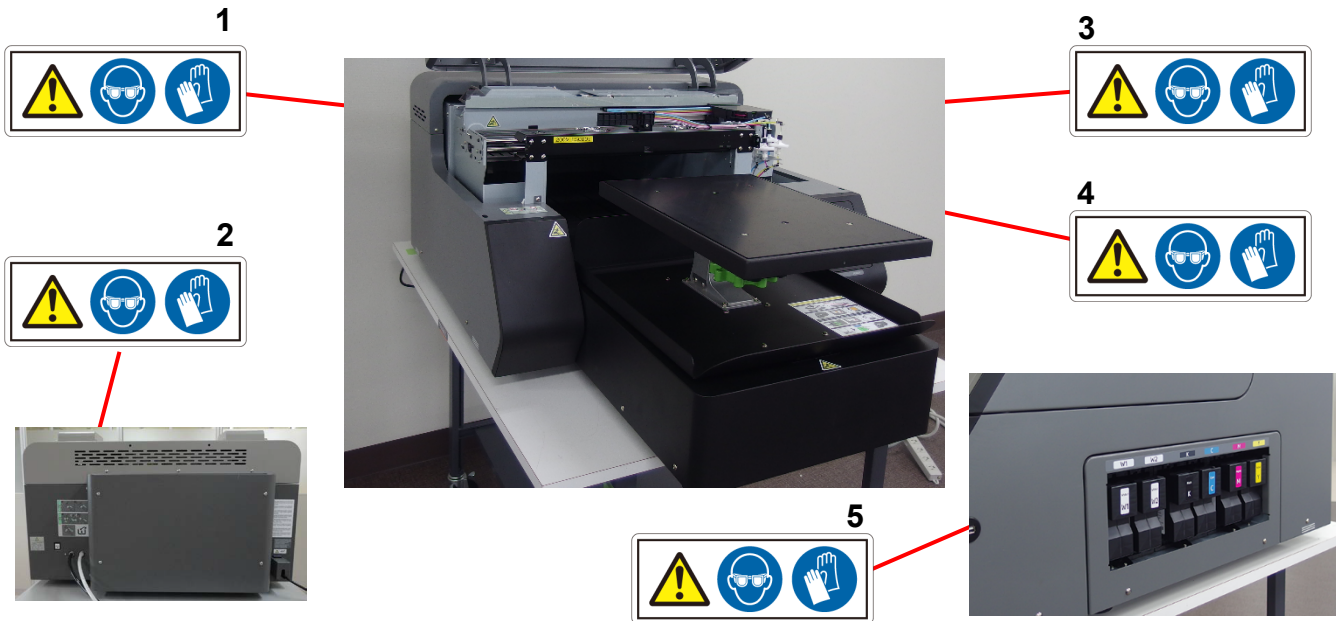
- 1: Faites attention à ne pas vous coincer la main ou une autre partie du corps dans le chariot.
- 2: L'intérieur de l'appareil peut être très chaud. Ne touchez pas les pièces indiquées par les étiquettes. Le contact avec ces pièces peut entraîner des blessures.
- 3: Faites attention à ne pas vous coincer les mains ou une autre partie du corps dans le capot avant.
- 4: Faites attention à ne pas vous coincer la main ou une autre partie du corps dans la platine.
- 5: Les pièces mobiles peuvent écraser et couper. N'approchez pas les mains. Ne faites pas fonctionner avec le carter retiré.

Arrière



- 1: La machine pèse environ 110 kg (242.5 lb.). Assurez-vous de la transporter à l'aide de 4 personnes.
- 2: Cette étiquette est destinée aux techniciens d'entretien.
MISE EN GARDE : PÔLE DOUBLE/FUSIBLE NEUTRE
Les câbles doivent être déconnectés pour mettre hors tension les conducteurs de phase.

Des lunettes et des gants



1-5: Veillez à porter des lunettes et des gants disponibles dans le commerce.

Bouteille d'encre usagée



1: Gardez la bouteille d'encre usagée hors de portée des enfants.

Cartouches d'encre



1: Tenez la cartouche d'encre hors de portée des enfants et ne démontez pas la cartouche d'encre.

Cartouche de nettoyage

1



2



- 1: Conservez la cartouche de nettoyage hors de portée des enfants. De même, ne démontez pas la cartouche de nettoyage.
- 2: Pour connaître les consignes de manipulation de la cartouche de nettoyage, voir page 8 « Exigences pour manipuler les fournitures ».

Symboles pour le commutateur d'alimentation

Les symboles pour le commutateur d'alimentation qui sont utilisés pour cet appareil sont les suivants :

- **I** : SOUS TENSION
- **O** : HORS TENSION
- **⏻** : ETRE PRÊT

Remarques pour l'utilisateur

- Ne touchez pas le chariot pendant le fonctionnement. Ne placez pas votre main dans l'ouverture entre le capot supérieur et la platine.
- Pour toute information sur le fonctionnement de la presse à chaud, consultez le manuel de l'utilisateur.
- Lors du retrait de la toile, veillez à ne pas tacher vos vêtements d'encre. Si vos vêtements entrent en contact avec l'encre, lavez la zone tachée à l'eau froide.

