

# DTG Connection Product

Safety Information  
and Quick Installation  
Guide

DTG-C



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

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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.

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## Before You Begin...

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Only appropriately trained users should operate the machine.

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## How to Read the Manuals

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### Disclaimer

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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

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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

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## The Meanings of Safety Labels

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### **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

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### Requirements for unpacking products

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#### **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

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#### **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 m<sup>3</sup>/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

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### **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

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#### **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 weights 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

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## **⚠ 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

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## **⚠ 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.

### **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:
  - SDS will be update
- 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

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## 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 DTG CONNECTION 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 DTG CONNECTION dealer.

### Adjustment

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## 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

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## 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)

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## 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.

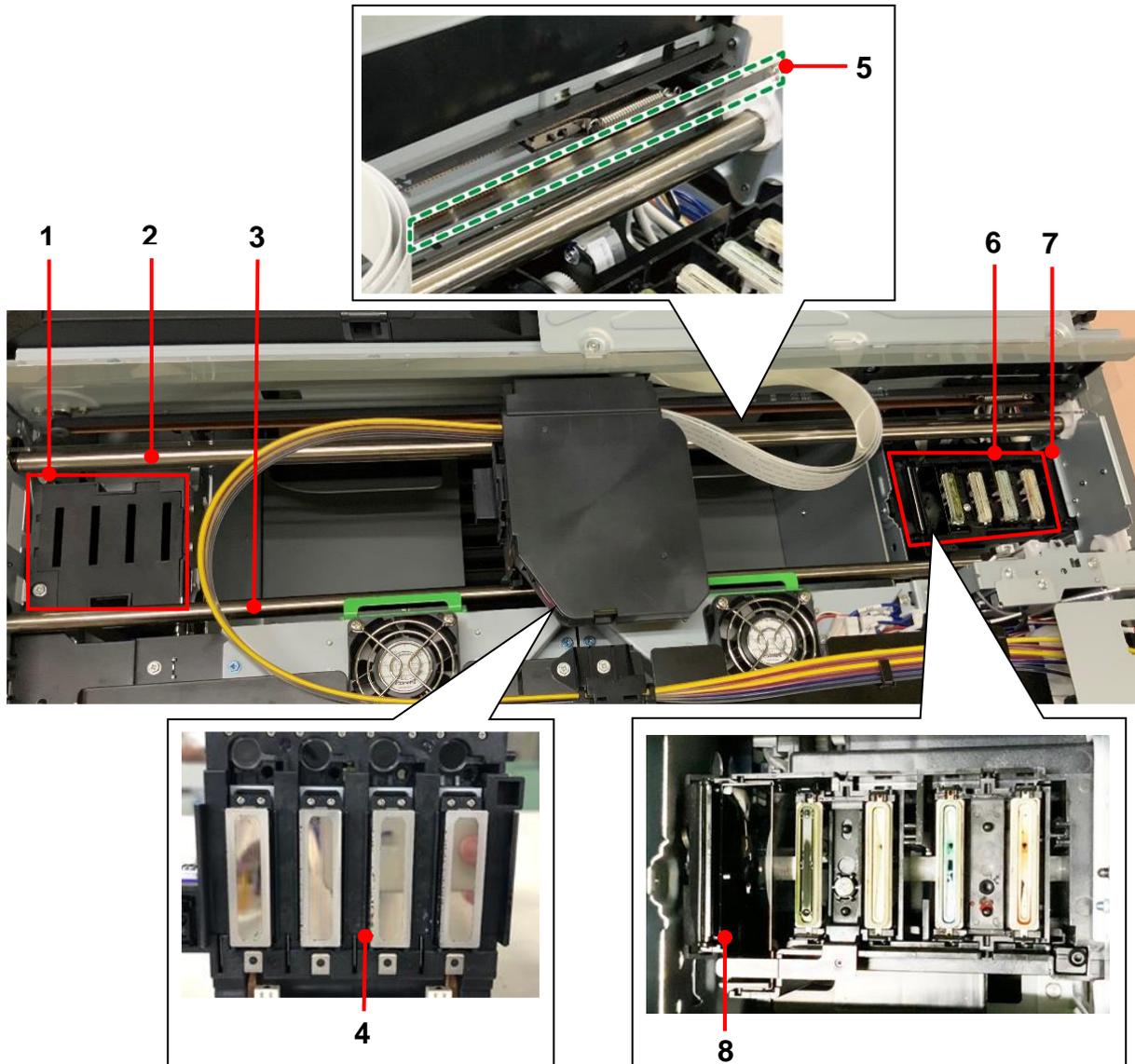
- Keep waste ink, containers for ink, cleaning solutions, pretreatment liquids, and components that have been in contact with ink out of reach of children.

- 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\*<sup>1</sup>
5. Encoder Sheet
6. Maintenance unit
7. Right ink sump\*<sup>2</sup>
8. Wiper

\*1. Located behind the carriage.

\*2. Located under the maintenance unit.

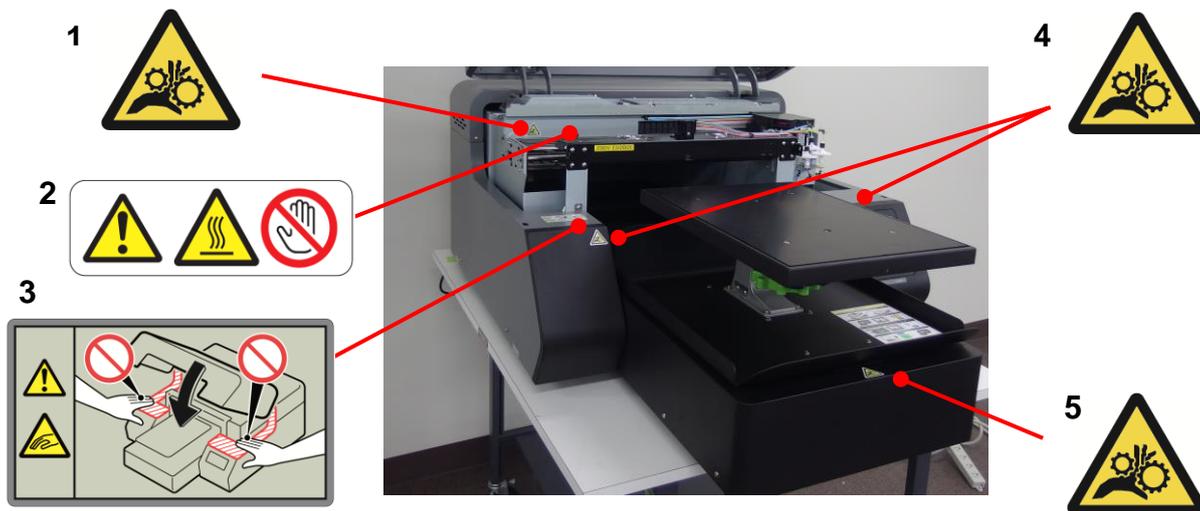
# Safety Labels of This Machine

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.

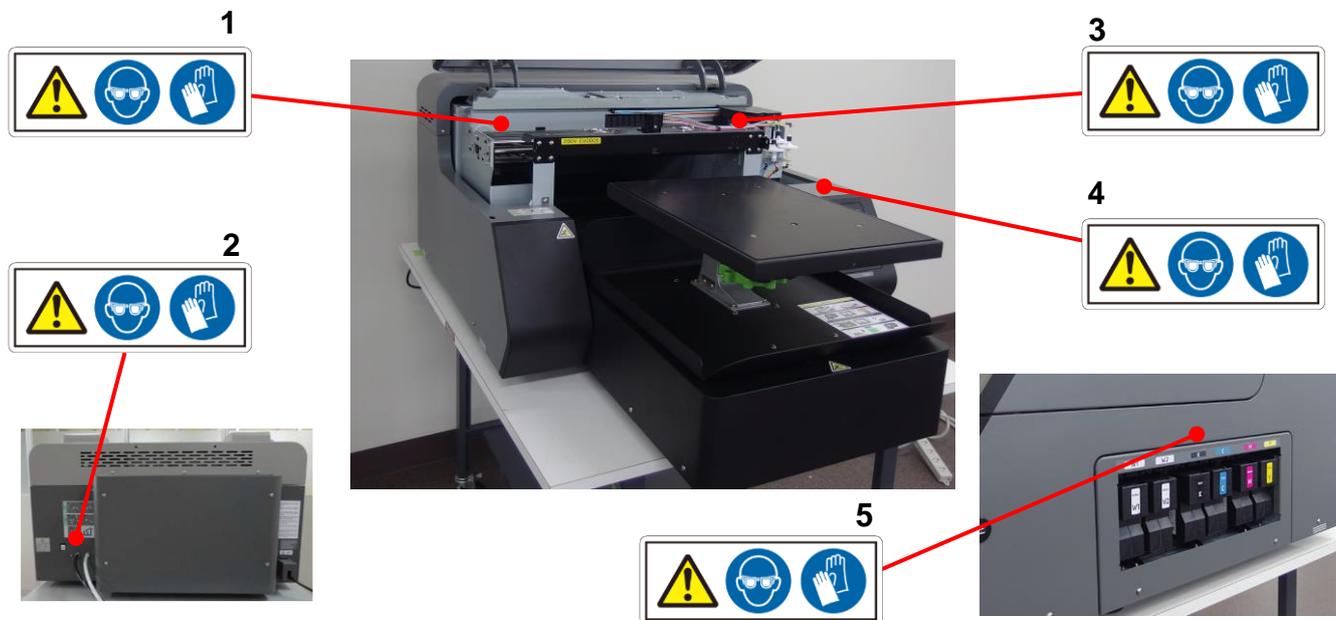
### Back



- 1: The machine weights 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

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

## Waste ink bottle

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

## Ink cartridge

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

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## Symbols for the Power Switch

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

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

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## User's Notes

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- 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

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## Laws and Regulations

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### Legal Prohibition

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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):

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- **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: GENIX Corporation

Address: Eunsung Bldg 401, 253 Yatap-ro, Bundang-gu, Seongnam-City, Gyeonggi-do, South Korea

Telephone number: +82-31-702-2600

Product Name: Garment Printer

Model Number: DTG CONNECTION Product

### Note to Users in California (USA):

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

# 3. Quick Installation Guide

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## Checking the Contents of the Product

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

- DTG CONNECTION Product
- Power cord
- Ethernet cable
- Waste ink Bottle
- Waste ink tube
- Platen (Medium)
- Frame (Medium)
- RIP (T.B.D)
- 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.

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## About Manuals

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

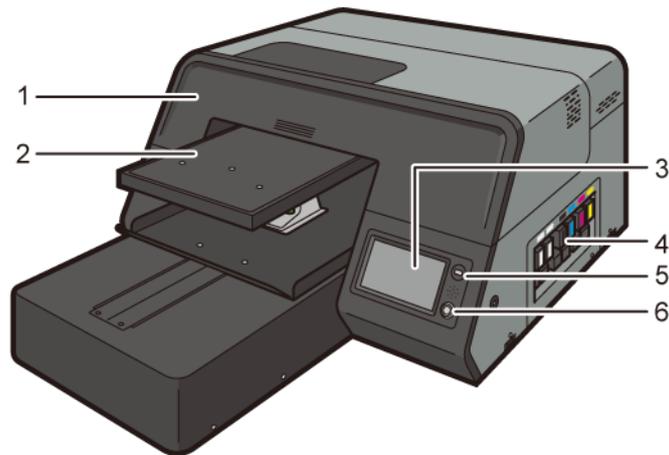
For inquiries, contact your sales or service representative.

# Guide to Components

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## Front and Right View

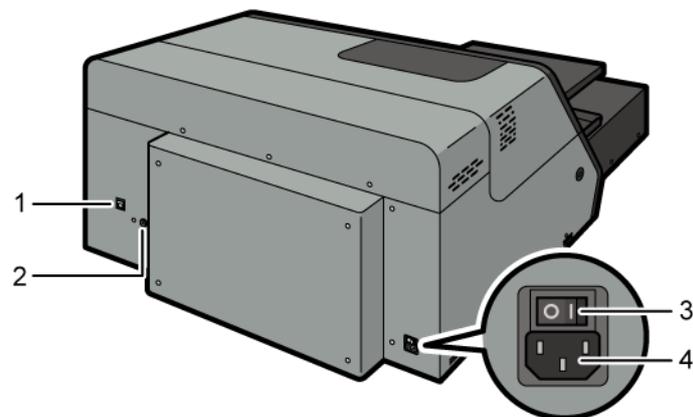
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1. Front cover
2. Platen
3. Touch panel
4. Ink cartridges
5. USB-A port (2.0)
6. Sub power button

## Rear View

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

# Installing the Machine

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## Preparation

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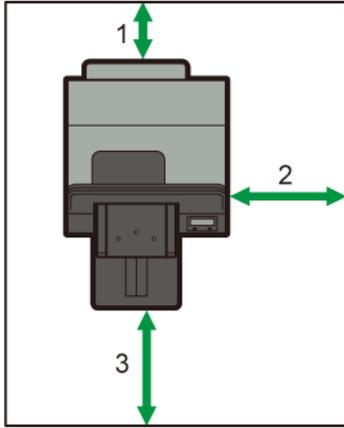
### **WARNING**

- 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

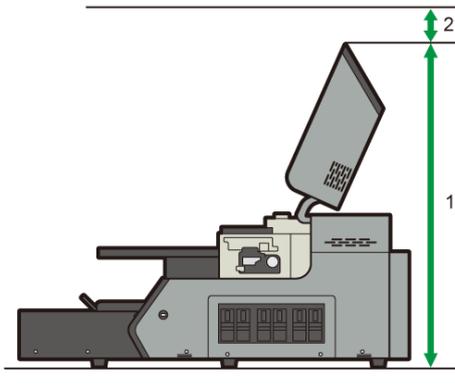
### **CAUTION**

- 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 m<sup>3</sup>/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 weights 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. Thread the tube through until it stops at the position of the stopper on the inner side of the waste ink bottle cap.



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.



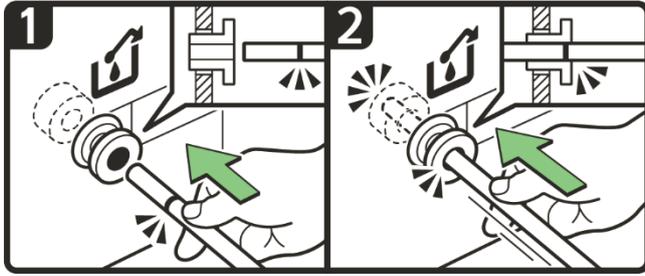
Close the waste ink bottle cap tightly and make sure that there is no gap between the waste ink bottle cap and the waste ink bottle.

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.

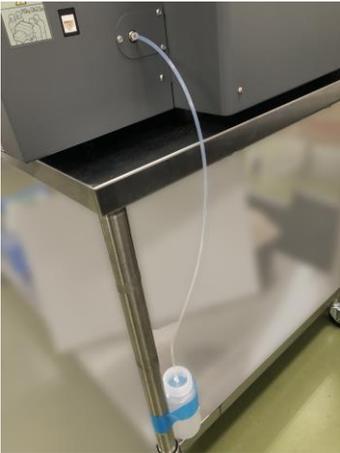


**IMPORTANT!**

- 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.



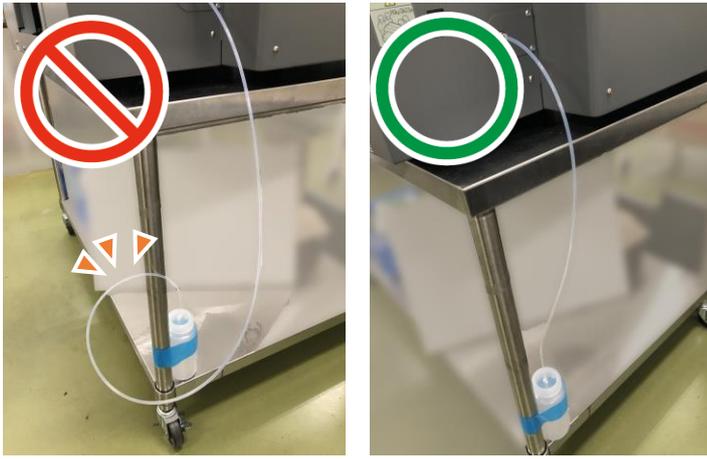
**IMPORTANT!**

- 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.

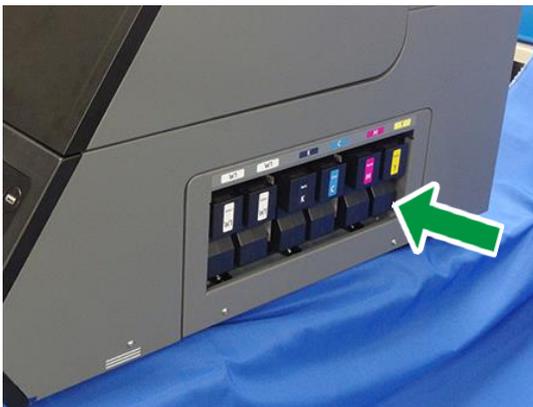
For details about agitating a new white cartridge, see page 31, “Agitating a New White Cartridge”.



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  
Type C

CLEANING

•EIR028-Centrale 1,2-Benzotriazol-3(2H)-on. May produce an allergic reaction. EIR028-Safety data sheet available on request.  
 •EIR028-Indeholder 1, 2-Benzotriazol-3(2H)-on. Kan udføre allergisk reaktion. EIR028-Sikkerhedsdatablad fås på anmodning.  
 •EIR028-Centrale 1,2-Benzotriazol-3(2H)-on. Puede provocar una reacción alérgica. EIR028-Ficha de seguridad disponible en demanda.  
 •EIR028-Obshajke 1, 2-Benzotriazol-3(2H)-on. Může vyvolat alergickou reakci. EIR028-Návod k použití je k dispozici bezplatně.  
 •EIR028-Indeholder 1, 2-Benzotriazol-3(2H)-on. Kan udføre allergisk reaktion. EIR028-Sikkerhedsdatablad fås på anmodning.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Kan allergische reacties veroorzaken. EIR028-Scherbeschermingsblad aanvraag beschikbaar.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Può provocare una reazione allergica. EIR028-Scheda dati di sicurezza disponibile su richiesta.  
 •EIR028-Satur Gensikringsmiddel vedrørende sikkerhedsdatabladet.  
 •EIR028-Obshajke 1, 2-Benzotriazol-3(2H)-on. Kallid allergilisi reaktsiooni põhjustada. EIR028-Kõrge tootmisajal võetakse kasutusse.  
 •EIR028-Indeholder 1, 2-Benzotriazol-3(2H)-on. Tuzar tipendatı reaksiyon tetbirleri için. EIR028-Koruma bilgilendirme dokümanı talep edilebilir.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Může provokovat alergickou reakci. EIR028-Karta charakteristických údajů na žadání.  
 •EIR028-Centrale 1,2-Benzotriazol-3(2H)-on. Poate provoca una reacție alergică. EIR028-Fișa de siguranță furnizată la cerere.  
 •EIR028-Obshajke 1, 2-Benzotriazol-3(2H)-on. Může vyvolat alergické reakce.  
 •EIR028-Vorbjuge 1,2-Benzotriazol-3(2H)-on. Laktio ponnestri allergilisi reaktio.  
 •EIR028-Varsaite 1,2-Benzotriazol-3(2H)-on. Galia sukelti allergilisi reaktioita.  
 •EIR028-Indeholder 1,2-Benzotriazol-3(2H)-on. Kan orsake en allergisk reaktion.  
 •EIR028-Indeholder 1,2-Benzotriazol-3(2H)-on. Letar vobit ommetvõrgetõhku.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Kan orsake en allergisk reaktion.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Può provocare una reazione allergica.  
 •EIR028-Satur Gensikringsmiddel vedrørende sikkerhedsdatabladet.  
 •EIR028-Obshajke 1, 2-Benzotriazol-3(2H)-on. Kallid allergilisi reaktsiooni põhjustada.  
 •EIR028-Kõrge tootmisajal võetakse kasutusse.  
 •EIR028-Koruma bilgilendirme dokümanı talep edilebilir.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Může provokovat alergickou reakci.  
 •EIR028-Karta charakteristických údajů na žadání.  
 •EIR028-Centrale 1,2-Benzotriazol-3(2H)-on. Poate provoca una reacție alergică.  
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 •EIR028-Obshajke 1, 2-Benzotriazol-3(2H)-on. Může vyvolat alergické reakce.  
 •EIR028-Vorbjuge 1,2-Benzotriazol-3(2H)-on. Laktio ponnestri allergilisi reaktio.  
 •EIR028-Varsaite 1,2-Benzotriazol-3(2H)-on. Galia sukelti allergilisi reaktioita.  
 •EIR028-Indeholder 1,2-Benzotriazol-3(2H)-on. Kan orsake en allergisk reaktion.  
 •EIR028-Indeholder 1,2-Benzotriazol-3(2H)-on. Letar vobit ommetvõrgetõhku.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Kan orsake en allergisk reaktion.  
 •EIR028-Sentralen 1,2-Benzotriazol-3(2H)-on. Può provocare una reazione allergica.  
 •EIR028-Satur Gensikringsmiddel vedrørende sikkerhedsdatabladet.

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UPIC CODE  
0 26649 42814 2

EAN CODE  
4 961311 975103

EDP CODE  
\* 3 4 2 8 1 4 \*

\* W K T 9 4 \*

Supply the ink as follows:

EGU111

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## 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.



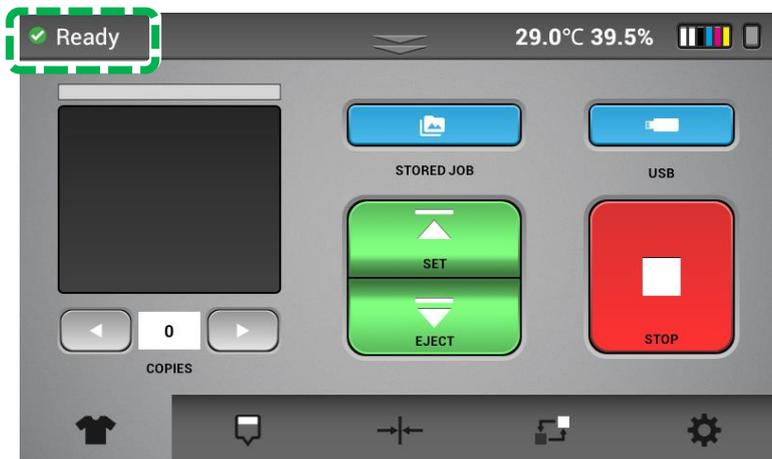
4. After booting, the printer will perform initial ink charging if the ink is not charged.

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

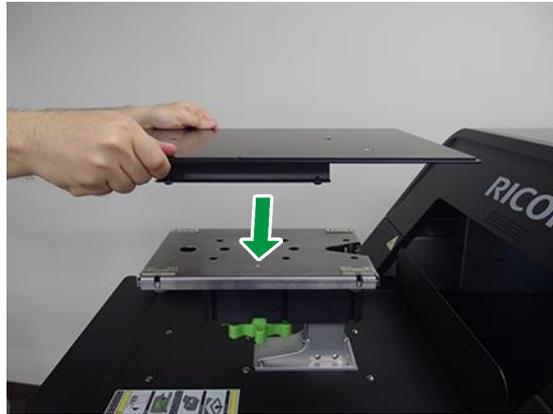
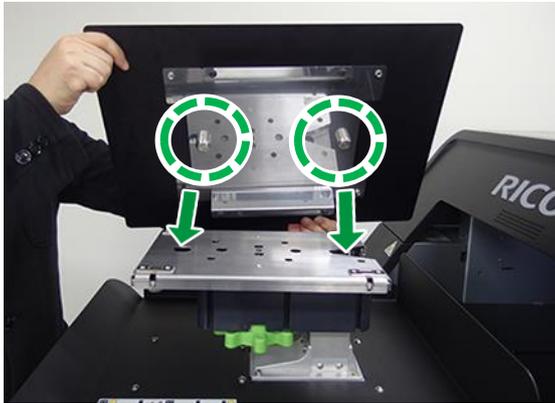
---

### 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.



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## 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:
  - SDS will be update
- 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

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- 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

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- 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.

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## Agitating a New White Cartridge

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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.

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## Disposing a Depleted Ink Cartridge

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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

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## 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

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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. Appendix

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## Where to Inquire

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For inquiries, contact your sales or service representative.

## Revision history

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Revision	Date issued	Description
Initial version	December, 2022	

## Trademarks

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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 2012 are as follows:

- Microsoft® Windows Server® 2012 Foundation
- Microsoft® Windows Server® 2012 Essentials
- Microsoft® Windows Server® 2012 Standard
- Microsoft® Windows Server® 2012 Datacenter

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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