Safety Information for Pro C651EX/Pro C751EX

Introduction

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 the Safety Information in this manual before using the machine.

Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Notes:

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

Certain options might 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.

Laser Safety

This machine complies with the requirements of IEC60825-1:2007 (EN60825-1:2007) for class 1 laser product. The machine contains four VCSELs (Vertical Cavity Surface Emitting Laser), 772 - 792 nanometer wavelength for each emitter. The beam divergence angle is 5.5 degrees (minimum) and 7.9 degrees (maximum) in the vertical direction, and 5.5 degrees (minimum) and 7.9 degrees (maximum) in the horizontal direction, and laser beams are generated in Continuous Wave (CW) mode. Each VCSEL has forty light sources and the maximum output power of each light source is 1.4 milliwatt

The following label is attached on the internal cover that is revealed when the front left cover is opened.



Caution:

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

Notes:

The model names of the machines do not appear in the following pages. Check the type of your machine before reading this manual.

- Type 1: Pro C651EX
- Type 2: Pro C751EX

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

For good copy quality, the manufacturer recommends that you use genuine toner from the manufacturer.

The manufacturer shall 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 office products.

Power Source

220 - 240 V, 50/60 Hz, 16A

Please be sure to connect the power cord to a power source as above. For details about power source, see About This Machine.

Safety Information

When using this machine, the following safety precautions should always be followed.

Safety During Operation

In this manual, the following important symbols are used:

⚠ WARNING:

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

A 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

This section explains safety precautions that should always be followed when using this machine.

Environments where the machine can be used

This section explains safety precautions about environments where the machine can be used.

↑ WARNING:

- Do not use flammable sprays or solvents in the vicinity of this machine. Doing so could result in fire or electric shock.
- Do not place vases, plant pots, cups, toiletries, medicines, small metal objects, or containers holding water or any other liquids, on or close to this machine. Fire or electric shock could result from spillage or if such objects or substances fall inside this machine.

A CAUTION:

- Keep the machine away from humidity and dust. Otherwise a fire or an electric shock might occur.
- Do not place the machine on an unstable or tilted surface. If it topples over, an injury might occur.
- Do not place heavy objects on the machine. Doing so can cause the machine to topple over, possibly resulting in injury.
- Make sure the room where you are using the machine is well ventilated and spacious. Good ventilation is especially important when the machine is used heavily.
- Keep the machine away from salt-bearing air and corrosive gases. Also, do not install the machine in places where chemical reactions are likely (laboratories, etc.), as doing so will cause the machine to malfunction.
- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

Handling power cords and power cord plugs

This section explains safety precautions about handling power cords and power cord plugs.

↑ WARNING:

- Do not use any power sources other than those that match the specifications shown in this manual. Doing so could result in fire or electric shock.
- Do not use any frequencies other than those that match the specifications shown. Doing so could result in fire or electric shock.
- Do not use multi-socket adaptors. Doing so could result in fire or electric shock.
- Do not use extension cords. Doing so could result in fire or electric shock.
- Do not use power cords that are damaged, broken, or modified. Also, do not use power cords that have been trapped under heavy objects, pulled hard, or bent severely. Doing so could result in fire or electric shock.
- Touching the prongs of the power cable's plug with anything metallic constitutes a fire and electric shock hazard.
- The power cord that comes with the optional equipment is for use with that equipment only. Do not use it with other appliances. Doing so could result in fire or electric shock.
- It is dangerous to handle the power cord plug with wet hands. Doing so could result in electric shock.
- If the power cord is damaged and its inner wires are exposed or broken, contact your service representative for a replacement. Use of damaged power cords could result in fire or electric shock.
- When this machine's circuit breaker is set to "Off", do not switch it to "On". Doing so could result in electric shock, fire, smoke, or tripping of the room's breakers.

↑ CAUTION:

- Be sure to push the plug of the power cord fully into the wall outlet. Partially inserted plugs create an unstable connection that can result in unsafe buildup of heat.
- If this machine is not going to be used for several days or longer at a time, disconnect its power cord from the wall outlet.
- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.
- 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.
- When performing maintenance on the machine, always disconnect the power cord from the wall outlet.

Handling the main machine

This section explains safety precautions about handling the main machine.

↑ WARNING:

- Be sure to locate the machine as close as possible to a wall outlet.
 This will allow easy disconnection of the power cord in the event of an emergency.
- If the machine emits smoke or odours, or if it behaves unusually, you
 must turn off its power immediately. After turning off the power, be
 sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use
 the machine. Doing so could result in fire or electric shock.
- If metal objects, or water or other fluids fall inside this machine, you
 must turn off its power immediately. After turning off the power, be
 sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use
 the machine. Doing so could result in fire or electric shock.
- Do not touch this machine if a lightning strike occurs in the immediate vicinity. Doing so could result in electric shock.

- The following explains the warning messages on the plastic bag used in this product's packaging.
 - Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

CAUTION:

- Unplug the power cord from the wall outlet before you move the machine.
 While moving the machine, take care that the power cord is not damaged under the machine. Failing to take these precautions could result in fire or electric shock.
- After you move the machine, use the caster fixture to fix it in place. Otherwise the machine might move or come down to cause an injury.
- Contact your service representative if you need to lift the machine (such as when relocating it to another floor). Do not attempt to lift the machine without the assistance of your service representative. The machine will be damaged if it topples or is dropped, resulting in malfunction and risk of injury to users.
- · Do not look into the lamp. It can damage your eyes.
- Do not push or pull the attention light when installed to the machine. Doing so may result in damage or malfunction of the attention light or the machine.

Handling the machine's interior

This section explains safety precautions about handling the machine's interior.

↑ WARNING:

- Do not remove any covers or screws other than those explicitly mentioned in this manual. Inside this machine are high voltage components that are an electric shock hazard and laser components that could cause blindness. Contact your sales or service representative if any of the machine's internal components require maintenance, adjustment, or repair.
- Do not attempt to disassemble or modify this machine. Doing so risks burns and electric shock. Note again that exposure to the laser components inside this machine risks blindness.

↑ CAUTION:

- Some of this machine's internal components get very hot. For this reason, take care when removing misfed paper. Not doing so could result in burns.
- The inside of the machine could be very hot. Do not touch the parts with a label indicating the "hot surface". Otherwise, an injury might occur.
- When loading paper, take care not to trap or injure your fingers.
- Keep your hands clear of the booklet finisher tray when removing misfed paper, pulling out or pushing in the finisher's staple unit. You can trap and injure your fingers if you do not.
- During operation, rollers for transporting the paper and originals revolve.
 A safety device has been installed so that the machine can be operated safely. But take care not to touch the machine during operation. Otherwise, an injury might occur.
- If the machine's interior is not cleaned regularly, dust will accumulate. Fire
 and breakdown can result from heavy accumulation of dust inside this
 machine. Contact your sales or service representative for details about and
 charges for cleaning the machine's interior.
- Keep your hands clear of the inside of the ring binder and the space under the ring binder tray. You can trap your fingers if you do not.
- Keep your hands clear of the inside of the high capacity stacker and the space under the stacker tray. You can trap your fingers if you do not.

Handling the machine's supplies

This section explains safety precautions about handling the machine's supplies.

↑ WARNING:

- Do not incinerate toner (new or used) or toner containers. Doing so risks burns. Toner will ignite on contact with naked flame.
- Do not store toner (new or used) or toner containers anywhere near naked flames. Doing so risks fire and burns. Toner will ignite on contact with naked flame.
- The following explains the warning messages on the plastic bag used in this product's packaging.
 - Keep the polythene materials (bags, gloves, etc.) supplied with this
 machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with
 the mouth or nose.

CAUTION:

- Do not crush or squeeze toner containers. Doing so can cause toner spillage, possibly resulting in dirtying of skin, clothing, and floor, and accidental ingestion.
- Store toner (new or used), toner containers, and components that have been in contact with toner out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.
- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your clothing. If toner comes into contact with your clothing, wash the stained area with cold water. Hot water will set the toner into the fabric and make removing the stain impossible.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your skin. If toner comes into contact with your skin, wash the affected area thoroughly with soap and water.

- Do not attempt to print on stapled sheets, aluminum foil, carbon paper, or any kind of conductive paper. Doing so risks fire.
- When binding paper manually with ring opener, take care not to trap or injure fingers.

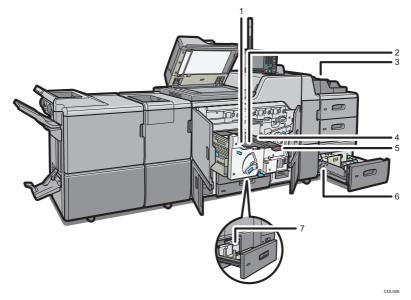
Safety Labels of This Machine

This section explains the machine's safety information labels.

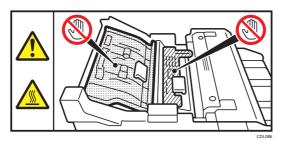
Positions of WARNING and CAUTION labels

This machine has labels for <u>MARNING</u> and <u>MCAUTION</u> at the positions shown below. For safety, please follow the instructions and handle the machine as indicated.

Main unit, multi bypass tray, and wide LCT



1



Do not touch the parts a label indicates. The inside of the machine could be very hot. Caution should be taken when removing misfed paper.



Do not touch the parts which a label is put on. The inside of the machine could be very hot. Caution should be taken when removing misfed paper.

3

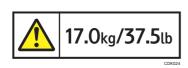


Keep your hands clear of the multi bypass tray when removing paper jam. You might trap your fingers if you do not.



Do not touch the parts a label indicates. The inside and surface of the fusing unit could be very hot. Caution should be taken when removing misfed paper.

5



This label indicates the weight of the unit. However, this label is meant for customer engineers and operators who have received training. Do not lift a unit that has this label.



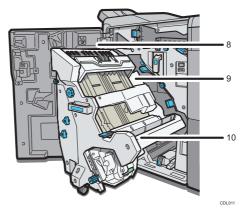
High temperature parts. Do not touch the parts which a label is put on. Otherwise, an injury might occur.

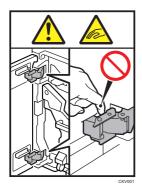
7



Keep your hands clear of the parts a label indicates. Otherwise, you might trap your fingers and an injury might occur.

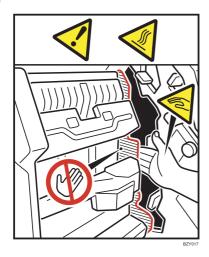
Finisher SR5030 and Booklet Finisher SR5040



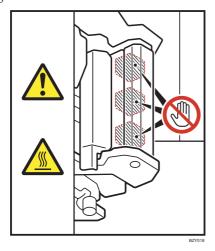


When opening and closing the front cover of the Finisher SR5030 or Booklet Finisher SR5040, keep your hands clear of the hinges. The hinges are a hazard. You risk trapping your fingers if you do not keep your hands clear of them.

9

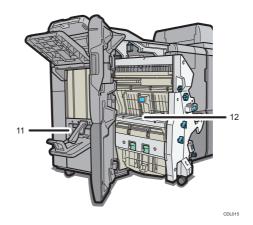


The inside of the Finisher SR5030 and Booklet Finisher SR5040 could be very hot. Keep your hands clear of the parts a label indicates. You might trap your fingers and an injury might occur.



Do not touch the parts a label indicates. The inside of the Finisher SR5030 and Booklet Finisher SR5040 could be very hot. Caution should be taken when removing misfed paper.

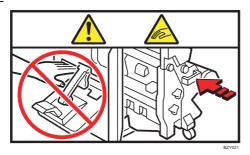
Booklet Finisher SR5040





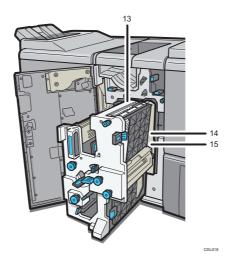
Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not. Take care not to touch the booklet finisher tray during operation. Otherwise, an injury might occur.

12



Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not.

Multi-Folding Unit



17



Do not touch the parts a label indicates. The inside of the multi-folding unit could be very hot. Caution should be taken when removing misfed paper.

14



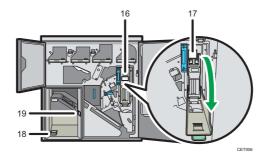
Do not touch the parts a label indicates. The inside of the multi-folding unit could be very hot. Caution should be taken when removing misfed paper.

15



Do not touch the parts a label indicates. The inside of the multi-folding unit could be very hot. Caution should be taken when removing misfed paper.

Ring Binder



16



Keep your other hand clear when closing the cartridge cover. You might trap your fingers if you do not.

17



Keep your hands clear of the parts a label indicates. Otherwise, you might trap your fingers and an injury might occur.



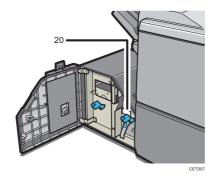
When the ring binder is in operation, keep your hands clear of the ring binder tray. You might trap your fingers if you do not.

19

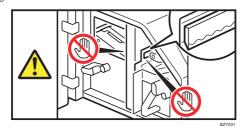


When removing bound booklets, keep your hands clear of the paper exit. You might trap your fingers if you do not.

Trimmer Unit

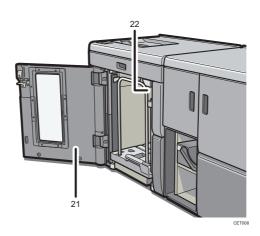


20



Keep your hands clear of the internal cutting blade when you are removing jammed paper. Not doing so risks injury to your fingers from the cutting blade.

High Capacity Stacker





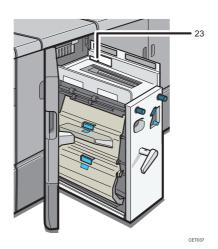
Do not attempt to get inside the stacker. Otherwise, an injury might occur.





Do not touch the parts a label indicates. The inside of the stacker could be very hot. Caution should be taken when removing misfed paper.

Buffer Pass Unit





These labels indicate the weight of the unit and describe how to lift the unit. However, these labels are meant for customer engineers. Do not lift a unit that has these labels.

Power Switch Symbols

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

• | : POWER ON

• O: POWER OFF

• 也:STANDBY

ENERGY STAR Program

ENERGY STAR® Program Requirements for Imaging Equipment



This company is a participant in the ENERGY STAR® Program.

This machine is compliant with the regulations specified by the ENERGY STAR® Program.

The ENERGY STAR® Program Requirements for Imaging Equipment encourage energy conservation by promoting energy efficient computers and other office equipment.

The program backs the development and dissemination of products that feature energy saving functions.

It is an open program in which manufacturers participate voluntarily.

Targeted products are computers, monitors, printers, facsimiles, copiers, scanners, and multifunction devices. Energy Star standards and logos are internationally uniform.

Note

 For details about the "default delay time", see p.26 "Energy Saving Functions".

Energy Saving Functions

To reduce its power consumption, this machine has the following functions:

Low Power Mode

- If this machine remains idle for a specified period, it automatically reduces its electrical consumption.
- The default period the machine waits before entering Low Power Mode is 15 minutes. This default time can be changed.

Sleep Mode

- If this machine is already in Low Power Mode and remains idle for a specified period, it automatically enters Sleep Mode to further reduce its electrical consumption.
- The default delay time the machine waits before entering Sleep Mode is 60 minutes. This default time can be changed.
- The machine can print jobs from computers while in Sleep Mode.

Specification

	Type 1	Type 2
Reduced Electrical Consumption by Low Power Mode	400 W or less	400 W or less
Time of Switch into Low Power Mode	15 minutes	15 minutes
Time of Switch out from Low Power Mode	100 seconds or less	100 seconds or less
Reduced Electrical Consumption by Sleep Mode	20 W or less	20 W or less
Time of Switch into Sleep Mode	60 minutes	60 minutes
Time of Switch out from Sleep Mode	300 seconds or less	300 seconds or less

Note

- Specifications can vary depending on which options are installed on the machine.
- For details about how to change the default interval, see "Timer Settings", Network and System Settings Reference.
- Depending on which Embedded Software Architecture application is installed on it, the machine might take longer than indicated to enter Sleep Mode.

User Information on Electrical & Electronic Equipment

Users in the EU, Switzerland and Norway

Our Products contain high quality components and are designed to facilitate recycling.

Our products or product packaging are marked with the symbol below.



The symbol indicates that the product must not be treated as municipal waste.

It must be disposed of separately via the appropriate return and collection systems available. By following these instructions you ensure that this product is treated correctly and help to reduce potential impacts on the environment and human health, which could otherwise result from inappropriate handling. Recycling of products helps to conserve natural resources and protect the environment.

For more detailed information on collection and recycling systems for this product, please contact the shop where you purchased it, your local dealer or sales/service representatives.

All Other Users

If you wish to discard this product, please contact your local authorities, the shop where you bought this product, your local dealer or sales/service representatives.

Note for the Battery and/or Accumulator Symbol (For EU countries only)



In accordance with the Battery Directive 2006/66/EC Article 20 Information for end-users Annex II, the above symbol is printed on batteries and accumulators.

This symbol means that in the European Union, used batteries and accumulators should be disposed of separately from your household waste.

In the EU, there are separate collection systems for not only used electrical and electronic products but also batteries and accumulators.

Please dispose of them correctly at your local community waste collection/recycling centre.

Overseas Affiliates and Noise Emission Information

In accordance with TUV "GS Symbol" requirements, details of the EU office or representative company are given below.

Overseas Affiliates

Ricoh Europe PLC 20 Triton Street, London. NW1 3BF, United Kingdom

❖ Noise Emission:

• Sound power level

	Main unit only		Complete system	
	Type 1	Type 2	Type 1	Type 2
Stand-by	52.5 dB (A) or less			
Copying	72.0 dB (A) or less	72.0 dB (A) or less	78.0 dB (A) or less	78.0 dB (A) or less

• Sound pressure level

	Main unit only		Complete system	
	Type 1	Type 2	Type 1	Type 2
Stand-by	46.5 dB (A) or less	49.5 dB (A) or less	46.5 dB (A) or less	49.5 dB (A) or less
Copying	66.0 dB (A) or less	66.0 dB (A) or less	70.0 dB (A) or less	70.0 dB (A) or less

- Sound power level and sound pressure level are actual values measured in accordance with ISO 7779.
- Sound pressure level is measured from the position of the bystander.
- The complete system consists of the main unit, Wide LCT, multi bypass tray, ring binder, and Booklet Finisher SR5040.
- If the machine's temperature increases, the sound level may also increase as the cooling mechanism cools the inside of the machine.

User Information for RFID in 13.56 MHz

CE

Declaration of Conformity

Notice to Users in EEA Countries

This product complies with the essential requirements and provisions of Directive 1999/5/EC of the European Parliament and of the Council of 9 March 1999 on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

The CE Declaration of Conformity is available on the Internet at URL: http://www.ricoh.co.jp/fax/ce_doc/

MEMO

Warning:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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