

SC-V7000

Safety Precautions

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Online Manual

Visit Epson SetupNavi (<http://epson.sn/>) and follow the steps below to view the manuals online.













1. Enter or select the printer model.
2. Click Support > Online Manual.

Before Use

To use this printer safely, make sure you read the instruction manuals before use. Using the printer in anyway not instructed in the instruction manuals may cause a malfunction or accident to occur. Store the instruction manuals close to the printer so that you can access it at any time.

Meaning of Symbols

This guide and the product use the following symbols to ensure safe use of the printer and to prevent injuries or damage. The following explains the meaning of the symbols.

 DANGER	Indicates information that, if ignored, could result in mishandling the printer causing imminent death or serious injury.
 WARNING	Indicates information that, if ignored, may result in mishandling the printer causing death or serious injury.
 CAUTION	Indicates information that, if ignored, may result in mishandling the printer causing injury or property damage.
	Indicates actions that must not be performed (prohibited actions).
	Indicates items (instructions or actions) that must be performed.
	Do not disassemble
	Do not touch
	No flames
	Alternating current
	Power on
	Stop
	Power off

Warning labels are also attached to dangerous areas on the printer. See "Warning Labels" on page 13 for more details.

Handling the Printer Safely

This section explains actions that you must perform to ensure that you use the printer safely and to prevent injury to workers and others and damage to property.

Restrictions on Usage

User restrictions

This printer contains the following dangerous parts. Before using the printer, make sure you attend the appropriate training to fully understand the dangers involved. (Warning labels are attached to dangerous areas. ⚠ See "Warning Labels" on page 13)

- Operating at high speed
- High temperature areas
- Irradiates ultraviolet light

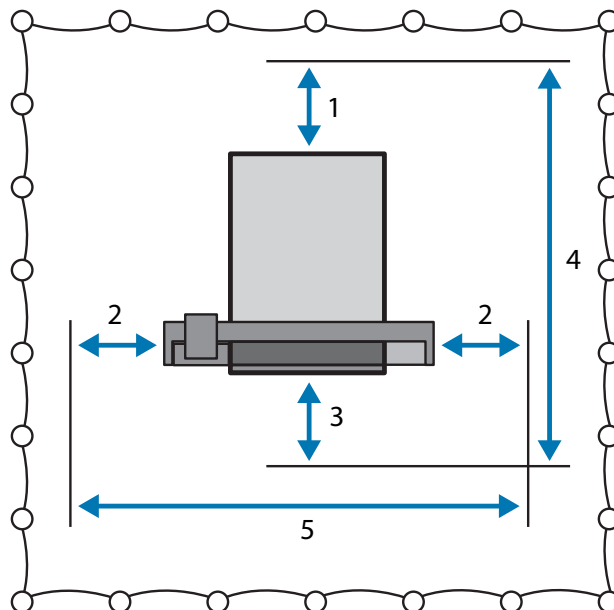
Only use the printer when you understand the contents of this guide.

Location Restrictions





Persons who have not received proper training must not enter within the following area around the printer.








1. Rear: 150 cm (4.92 ft) or more
2. Left and right: 100 cm (3.28 ft) or more
3. Front: 150 cm (4.92 ft) or more
4. Length: 509 cm (16.7 ft) or more
5. Width: 653 cm (21.42 ft) or more



Install this printer in a dedicated room, or setup a fence around it, so that no one can accidentally enter the restricted area.









Notes on Installation







 DANGER	
	Do not use the printer near hazardous materials. The printer is not constructed of explosion proof material. An explosion could occur if the printer is used in a location containing hazardous material.
	Install the printer in a well-ventilated room. When installing the printer in a sealed or poorly ventilated room, be sure to install a ventilator. Since ink vapor is heavier than air, vents should be located as close to the floor as possible. Long-term or repeated exposure to ink can cause organ damage. North and Latin American users: The printer must be placed in a room with a ventilation system that is capable of 3 to 5 ACH (air changes per hour). If the existing ventilation system is inadequate, an additional system may be required.
	Do not use the printer near fires. Otherwise, a fire may occur if the ink or cleaning liquid ignite.







 WARNING	
	Do not use flammable sprays or solvents near the printer. Do not place them near the printer. Otherwise, a fire or electric shock may occur.
	Do not place small pieces of metal or containers with liquid such as water on or near the printer. If metal or liquid enters the printer, a fire or electric shock may occur.
	Store ink bottles in a cool, dry place.
	Do not install the printer in locations subject to oily smoke and dust, or in locations subject to humidity or where it could easily get wet. An electric shock or fire could occur.
	Do not block the vents on the printer. Otherwise, internal parts will overheat and may cause a fire.
	To prevent children from causing accidents, do not install the printer in an environment near children. Otherwise, injuries could occur.








 CAUTION	
	Make sure you adjust the horizontal feet (adjusters) to keep the unit flat. Using the printer while it is unstable may cause an injury or unexpected accident to occur.

Notes on Handling





 DANGER	
	Do not remove any covers or parts of the printer. Otherwise, electric shock could occur.
	In the following situations, turn off the printer immediately and contact your local dealer or Epson support. Continuing to use the printer may cause fire or electric shock to occur. <ul style="list-style-type: none"> • If you hear an unusual noise • If you notice an unusual odor • If smoke is emitted • If a piece of metal, water, or other liquid has entered the printer • The power cord is damaged
	Do not place flammable items such as paper or cloth near the UV lamp. Otherwise, a fire or smoke may occur.
	Do not touch the UV lamp during printing. It can become extremely hot and could cause injuries or burns. When performing maintenance, allow the lamp to cool for at least six minutes before you start.
	If UV light from the printer is continuously irradiated onto combustible material for a few seconds, it could ignite. If any pieces of media remain on the lamp, remove them.

 WARNING	
	Keep your clothes and body away from moving parts. Also, do not wear bracelets and so on around the printer. Otherwise, you could be caught by the moving parts and injured.
	Do not look directly at the UV light or allow it to irradiate your skin. Also, make sure you are at least 1 m away from the UV lamp during printing. Harmful ultraviolet light (UV) can cause severe burns to the skin and loss of vision.
	Wear industrial safety glasses that block UVA, UVB, and blue light.
	Wear appropriate clothing that protects the skin from UV light.
	Do not place a chair within 5 m (16.40 ft) of the printer. The UV light emissions are at their highest at a height of 90 cm (2.95 ft) from the floor and increase significantly as you approach the lamp. It is dangerous to sit near this printer while it is operating.

 WARNING	
	Do not touch parts with high temperature warning labels. Otherwise, injuries or burns could occur. Wear heat-resistant gloves if you need to touch hot parts.
	Do not touch the gantry or put your hand under the gantry while the printer is operating. Otherwise, injuries could occur.
	Do not touch the cable carrier while the printer is operating. Otherwise, you could be caught by the printer parts and injured.
	Do not disassemble or re-model the printer. Otherwise, injury, electric shock, or fire could occur.
	Do not use the printer if dust has accumulated inside the printer. Doing so could cause a fire or malfunction to occur. Contact your local dealer or Epson support to request cleaning for the inside of the printer.


 CAUTION	
	Do not sit on the media table. Otherwise, an injury could occur or the level of the table could be lowered.
	Clean the printer regularly. If dust or dirt accumulates on parts of the printer, it could cause a short circuit or insulation to deteriorate, resulting in a fire or smoke.
	Make sure that the warning labels on the printer are not dirty and that the displayed content is legible. If the warning labels are illegible, contact your local dealer or Epson support.
	Do not touch the operation buttons or switches accidentally. Doing so could cause the printer to operate causing an injury or unexpected accident to occur.
	Make sure you perform daily inspections and replace parts regularly.
	Never start the printer if it is damaged. Otherwise, a malfunction or accident could occur. Check the following every day before starting operations. <ul style="list-style-type: none"> • There is no visible damage to the printer • There are no ink stains etc. on the media table • There are no leaks in the ink system or the ink receiver • All safety devices (emergency stop button, proximity sensor, alarm, signal lamp) are functioning correctly

⚠ CAUTION


	Do not disassemble or modify the suction pump. Also, do not block the exhaust vents. Doing so will cause the strength of the suction to decrease resulting in the pump overheating or malfunctioning.
	Do not put your hands into the vents of the suction pump. The strength of the exhausted air could cause an injury.
	A strong odor may occur when printing or handling ink. Work in a well-ventilated area. We recommend that you use the printer in a room with a ventilation system that provides 15 to 20 ACH (air changes per hour). North and Latin American users: A minimum of 3 to 5 ACH is required.
	When disposing of the printer, entrust it to an industrial waste disposal company, or contact the Epson support.

Notes on the Power Supply




⚠ DANGER





	When installing, relocating, or disposing of the printer, be sure to use a qualified electrician to perform any electrical work. Since the unit generates a high voltage, there is a risk of electric shock.
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⚠ CAUTION

	If any of the following issues occur with the power cord, stop using the printer immediately and contact your local dealer or Epson support. Otherwise, a fire or electric shock may occur. <ul style="list-style-type: none">• The internal wire for the power cord is exposed or broken• The power cord has cracks or dents• Parts of the power cord are hot• The power cord is damaged
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Notes on Consumables

 WARNING	
	<p>If ink is not handled correctly, it can have a detrimental effect on the body. Before using this printer, be sure to read the Safety Data Sheet (SDS) and follow the instructions. You can download the safety data sheet from Epson's Website at www.epson.com.</p> <p>Post the guidelines described in the SDS in your workplace and ensure workers are aware of them.</p> <p>Be sure to read the notes on the label of the ink bottles carefully.</p> <p>Read and follow instructions in the SDS for other chemicals such as cleaning liquid, coolant, and grease.</p>
	<p>Avoid allowing un-cured print media to come into contact with your skin. When ink has not been cured, handle the print outs with gloves.</p>

 CAUTION	
	<p>Be careful not to spill the ink.</p>
	<p>Do not subject the ink bottles to shocks. Otherwise, ink may leak.</p>
	<p>Store ink bottles and cleaning liquid in storage facilities designed for flammable liquids.</p>

Other Information

The UVLED controller on this printer contains hydrofluorocarbons (HFC).

Type of F-Gas:	R410A
Total F-Gas mass (kg):	0.5
Total eq(CO ₂ -kg):	1045
GWP:	2090





When disposing of the printer, be sure to follow the rules and regulations of your country and region.





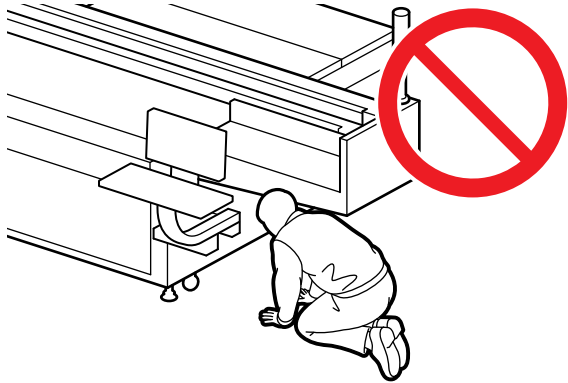

For USA only

The inks for this printer were specifically designed for its use only. Use of these inks in process for which they were not designed is not recommended. One or more of these inks contain a substance subject to a TSCA section 5 SNUR codified at 40 C.F.R. 721.5185. Please refer to 40 C.F.R. Part 721 and 40 C.F.R. 721.5185.

Residual Safety Risks

Performing any of the following while using the printer may cause an injury.

Do not put your hands between the gantry and the carriage	Do not put your hands between the carriage and media table
 <p>If your hands get caught between the gantry and the carriage, it may cause an injury.</p>	 <p>If your hands get caught between the carriage and the media table, it may cause an injury.</p>
Do not place your hands within the operating range of the carriage	Keep hands and objects away from the gantry and carriage
 <p>The carriage could hit your hand, or your hand may be trapped causing an injury.</p>	 <p>The gantry or carriage could hit your hand causing an injury.</p>

<p>Do not put your hands between the carriage and ink receiver</p>	<p>Do not put your hands between the gantry and the table</p>
 <p>If your hands get caught between the carriage and the ink receiver, it may cause an injury.</p>	 <p>Getting caught between the carriage and the table may cause an injury.</p>
<p>Keep hands away from the gantry belt</p>	<p>Do not place objects near the exhaust vents</p>
 <p>Otherwise, you could be caught by the belt and injured.</p>	 <p>Objects could be deformed by heat from the exhaust vent.</p>
<p>Do not go under the table when the printer is on</p>	<p>Keep hands away from the drive transmission belt under the table</p>
 <p>If you get trapped between the lower fixed part and the movable part of the table, an injury could occur.</p>	 <p>Otherwise, you could be caught by the belt and injured.</p>

Do not press the operation button by mistake



If it is pressed by mistake, it may cause unexpected accidents due to sudden operations.

Do not go near the operating range of the carriage



The carriage could hit you and cause an injury.

Do not look directly into the UV light



- We recommended wearing protective glasses when using this printer to prevent eye damage caused by UV light leakage.
- When sitting in a chair or the like, make sure that the carriage is not at the same height as your head. The UV light emissions are at their highest at a height of 90 cm (35 inches) from the floor. Be especially careful of UV light leakage when loading thick media.
- When printing, be aware of UV light leaks at the following locations.
 - At the edge of the table
 - The back of the carriage (back of the gantry)Also, the area around the UV lamp of the carriage gets hot, and poses a risk of burns. Be careful not to touch it.

Notes on maintenance

When performing printer maintenance such as refilling ink, be sure to wear protective glasses, protective gloves, a protective mask, and protective clothing for safety.












North and Latin American users: During maintenance, some ink splashes and ink aerosols can occur. Technicians should be prepared with proper PPE, as indicated below.

- Ansell Edmont Neoprene 865, Solvex Nitrile Rubber number 275, or equivalent gloves
- N95-style face mask with charcoal linings to cover mouth, nose, and lower jaw
- Full coverage goggles, sufficient to protect eyes from ink splashes and aerosols
- Clothing sufficient to protect skin from ink splashes and aerosols

Warning Labels

Warning labels are attached to the printer so that you can easily identify dangerous areas. The following explains the label meanings and locations.

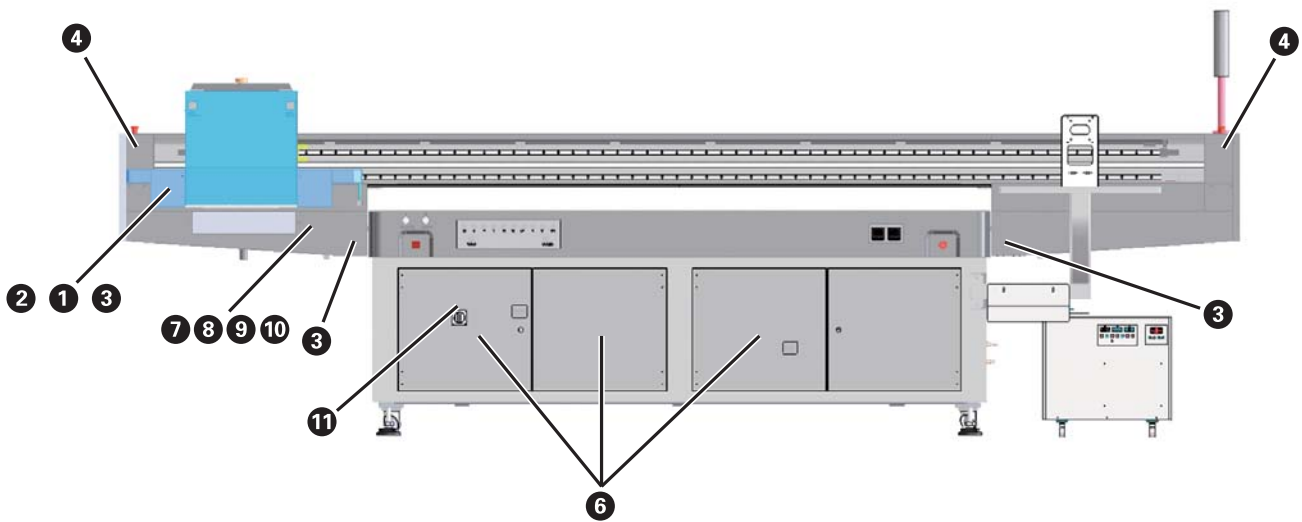
Label Meanings

Number	Symbol	Meaning
1		UV light warning
2		High temperature warning
3		Crushing warning
4		Trapping warning
5		Catching warning
6		Electric shock warning
7		Ventilation required
8		Wear protective glasses
9		Wear protective gloves
10		Wear a protective mask
11		Read the manual carefully

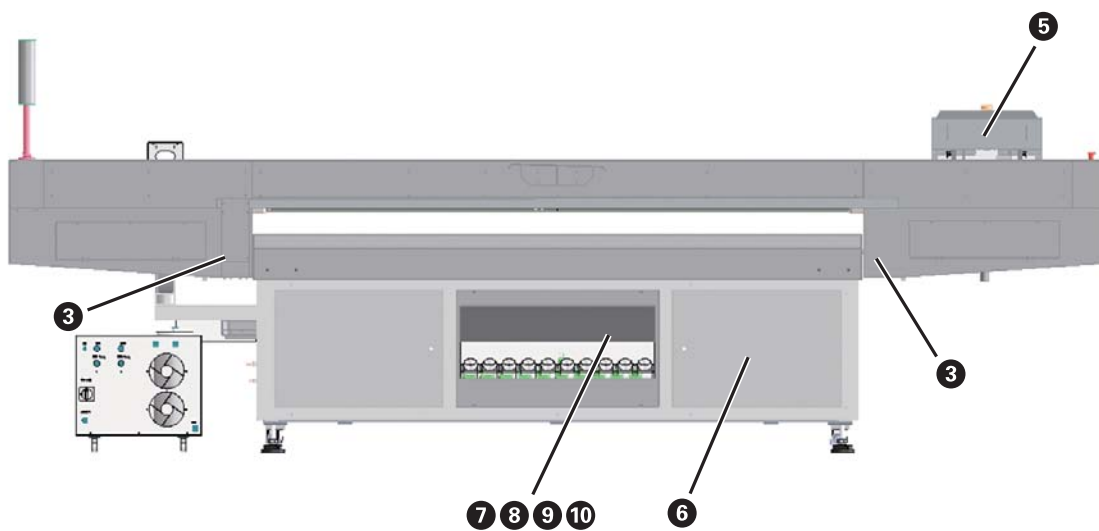
If a label becomes dirty or damaged, replace it with a new label. Contact your local dealer to purchase a new label.

Label Attachment Positions

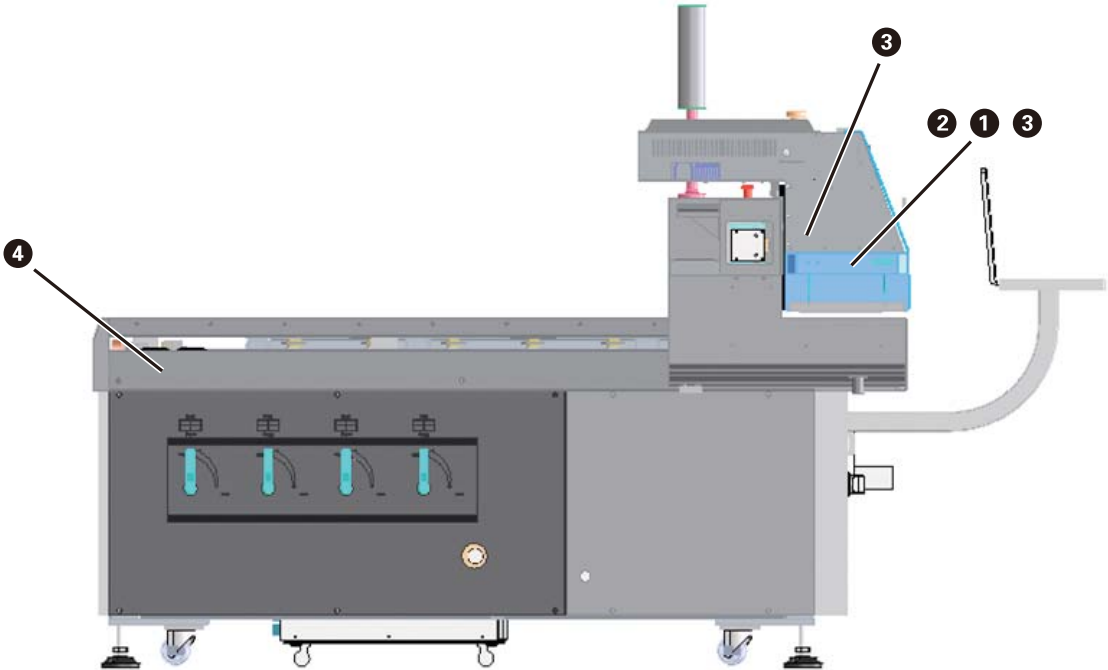
Front



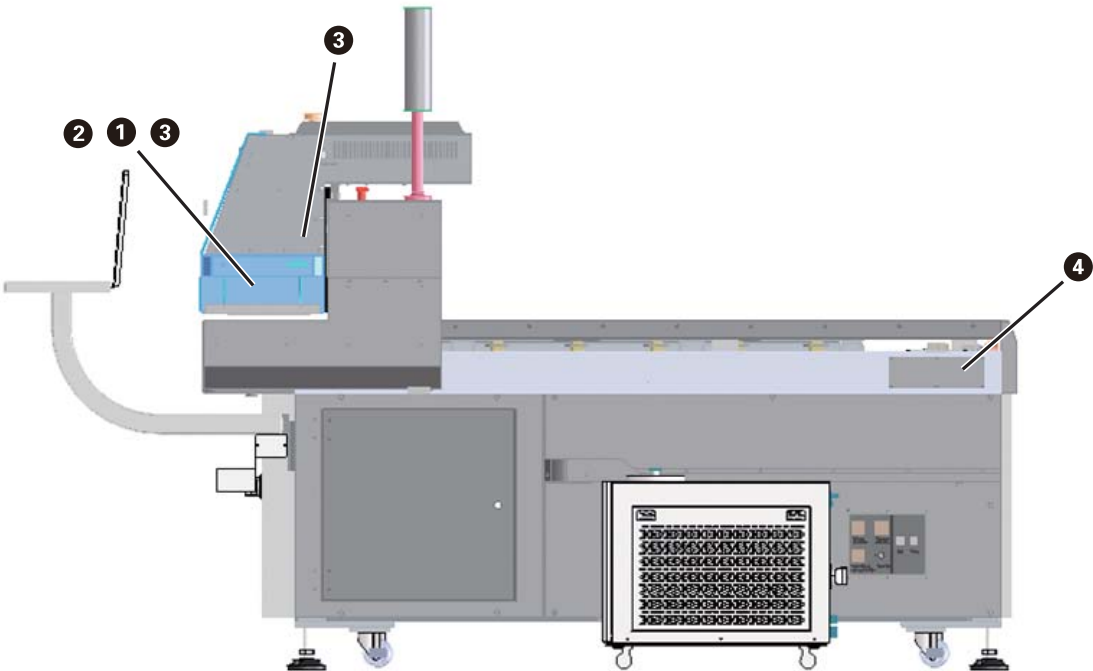
Back



Left



Right

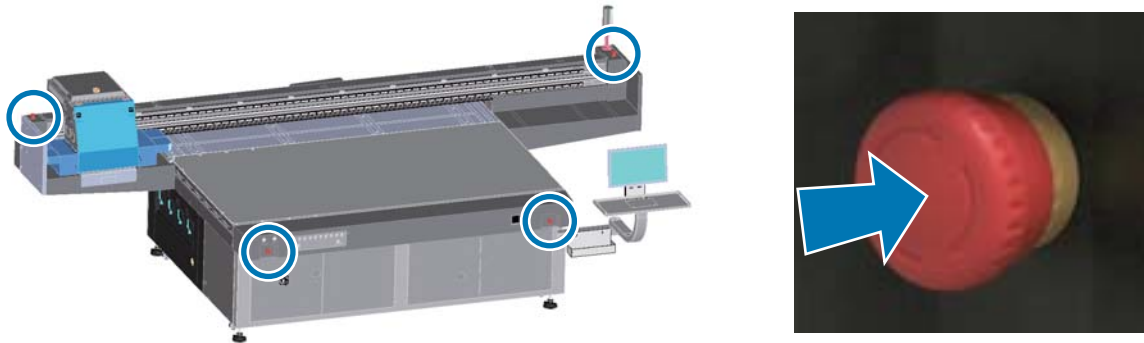


Safety Equipment

This printer comes with the following safety equipment.

Emergency Stop Button

Located on the front left/right of the printer and the left/right of the gantry. Press to stop the printer immediately.

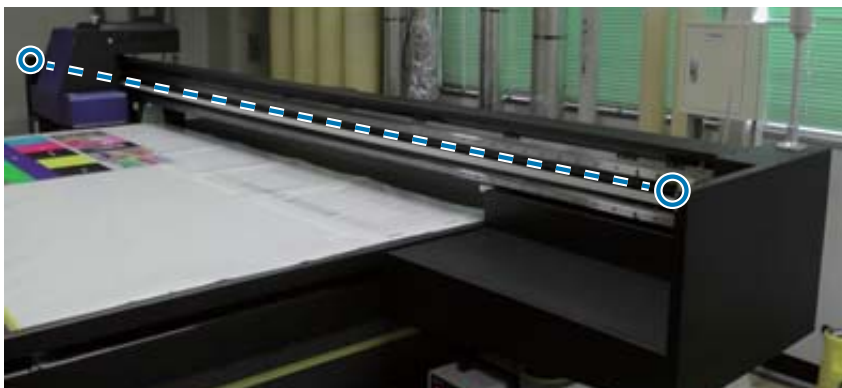


To release the emergency stop, turn the button clockwise.



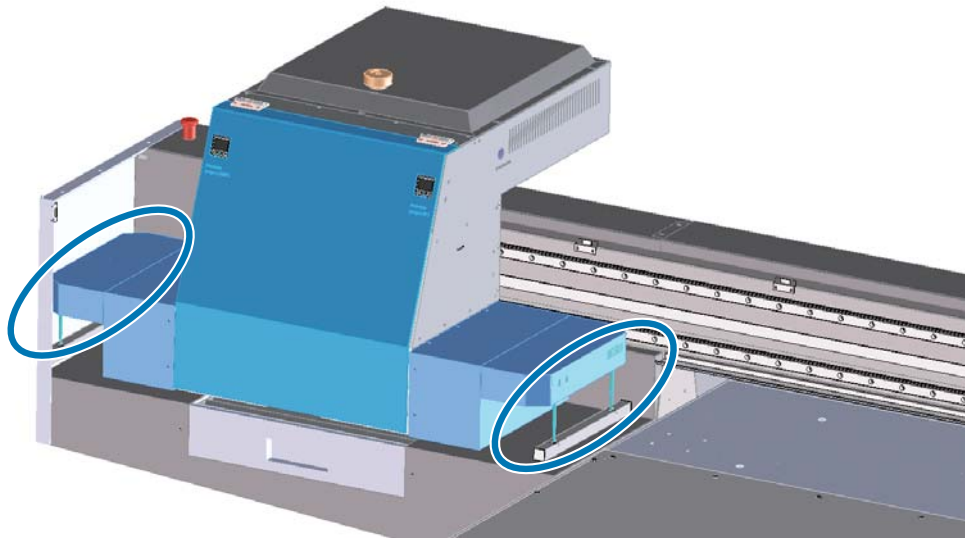
Next, press the power on (|) button to return the printer to normal status.

Proximity Sensor



If someone enters the operating range of the carriage, this sensor detects the movement and immediately stops the carriage. (Press the power on (|) button to return the printer to normal status.) Sensors are attached at the positions shown in the photo.

Jam Detection Sensor



If the sensor touches media it generates an error and immediately stops operations.



Manufacturer's Note

Confirmation of Consent

I agree that in accordance with the instruction manual for this printer ("Safety Precautions"), employees will be required to undergo appropriate safety training at the time of installation, and only those who have attended safety training or who have received safety training from attendees of the safety training course will use this printer.

Date

Company Name

Representative