

Safety Precautions

UV INKJET PRINTER

JFX550-2513

JFX600-2513

Safety Precautions

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MIMAKI ENGINEERING CO., LTD.

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Original instructions

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Introduction

Thank you for purchasing the UV-LED curable inkjet printer JFX600-2531.

Read this operating manual ("this document" hereinafter) thoroughly and make sure you understand its contents to ensure safe and correct use of the product.

Please note that the illustrations contained in this manual are intended to show functions, procedures, or operations and may sometimes differ slightly from the actual machine.

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Thank you for purchasing the UV-LED curable inkjet printer JFX600-2531.

Read the Request for Care and Maintenance ("this document" hereinafter) thoroughly and make sure you understand its contents to ensure safe and correct use of the product.

Please note that the illustrations contained in this manual are intended to show functions, procedures, or operations and may sometimes differ slightly from the actual machine.

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Thank you for purchasing the UV-LED curable inkjet printer JFX600-2531.

Read the safety precautions ("this document" hereinafter) thoroughly and make sure you understand its contents to ensure safe and correct use of the product.

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● About the Installation Guide

This document is a service engineer's document and summarizes information related to the installation of JFX600-2531 ("this machine" hereinafter).

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● Related manuals

Please refer to these manuals as necessary.

1. Operating Manual
2. Accessories List
3. Maintenance Manual
4. Maintenance Parts List
5. Common Service Manual for All Models

● Information on ink and other liquids

Be sure to explain the information provided in the Safety Data Sheet (SDS) before users begin using the machine. Additionally, explain the following matters to ensure safe use:

1. Installation environment

2. First aid procedures
3. Risk assessment

● Note on illustrations

Please note that the illustrations contained in this manual are intended to show functions, procedures, or operations and may sometimes differ slightly from the actual machine.

● About This Maintenance Manual

This document is a service engineer's document and summarizes maintenance information for the JFX600-2531 ("this machine" hereinafter).

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● Related manuals

Please refer to these manuals as necessary.

1. Operating Manual
2. Accessories List
3. Installation Guide
4. Maintenance Parts List
5. Common Service Manual for All Models

● Information on ink and other liquids

Thoroughly read the safety data sheet (SDS) and make sure you understand the contents.

● Note on illustrations

Please note that the illustrations contained in this manual are intended to show functions, procedures, or operations and may sometimes differ slightly from the actual machine.

● DISCLAIMERS

- MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE ARISING DIRECTLY OR INDIRECTLY FROM THE USE OF THE JFX600-2531 ("THIS MACHINE" HEREINAFTER), WHETHER OR NOT THE PRODUCT IS FAULTY.
- MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, TO MATERIALS CREATED WHILE USING THIS MACHINE.
- USING THIS MACHINE IN CONJUNCTION WITH DEVICES OTHER THAN THOSE RECOMMENDED BY MIMAKI ENGINEERING MAY RESULT IN FIRE OR ACCIDENTS. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- USE ONLY GENUINE MIMAKI ENGINEERING INK AND MAINTENANCE LIQUID. USE OF OTHER PRODUCTS MAY RESULT IN FAILURES OR REDUCE PRINT QUALITY. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- DO NOT ATTEMPT TO REFILL THE INK CARTRIDGES WITH UNAUTHORIZED INK. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.
- USE ONLY GENUINE MIMAKI ENGINEERING ANTI FREEZING LIQUID. USE OF OTHER ANTI FREEZING LIQUID MAY CAUSE FAILURES OR REDUCE PRINT QUALITY. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.

- AVOID USING UV-LED UNITS OR UV POWER SUPPLY UNITS OTHER THAN THOSE SPECIFIED BY MIMAKI ENGINEERING. USING DEVICES OTHER THAN GENUINE MIMAKI ENGINEERING DEVICES MAY RESULT IN FAILURE, ELECTRIC SHOCK, OR FIRE. SUCH INCIDENTS ARE NOT COVERED BY THE PRODUCT WARRANTY. MIMAKI ENGINEERING REJECTS ALL LIABILITY FOR DAMAGE, DIRECT OR INDIRECT, ARISING FROM SUCH INCIDENTS.

● TV and radio interference



- The machine emits high-frequency electromagnetic radiation while operating. Under certain circumstances, this may result in TV or radio interference. We make no guarantee that this machine will not affect special radio or TV equipment.
-

If radio or TV interference occurs, check the radio or TV reception after turning off the machine. If the interference disappears when the power is turned off, the machine is likely to be the cause of the interference.

Try any of the following solutions or combinations of these solutions:

- Change the orientation of the TV or radio antenna to find a position where interference does not occur.
- Move the TV or radio away from this machine.
- Plug the TV or radio into a power outlet on a power circuit other than the power circuit to which this machine is connected.

To Ensure Safe Use

Symbols

In this document, symbols are used to indicate various precautions for operation. Make sure you fully understand the meaning of each symbol to ensure you use the machine safely and correctly.

Explanation		
	Warning	Indicates a potential hazard that may result in death or serious injury if handled improperly or if instructions are disregarded.
	Caution	Indicates a potential hazard that may result in minor or moderate injury if handled improperly or if instructions are disregarded.
	Notice	Indicates a potential hazard that may result in property damage if handled improperly or if instructions are disregarded.
	Warning sign	Indicates something that requires attention. Warning specifics are drawn inside the symbol.
	Mandatory action sign	Indicates an action that must be carried out. The specifics of the mandatory action are drawn inside the symbol.
	Prohibition sign	Indicates a prohibited action. The specifics of the prohibited action are drawn inside the symbol.
	Important	Indicates important information related to use of this machine.
	Tip	Indicates useful reference information.

Usage Precautions

● In the event of abnormal conditions

WARNING



- In the event of abnormal conditions such as smoke or unusual odor, turn off the main power immediately and unplug the power cable. Continuing to use the machine under these conditions may result in failure, electric shock, or fire. Once you have confirmed that smoke is no longer being emitted, contact your local dealer or our service office. Never attempt to repair the machine yourself, which is hazardous.

CAUTION



- Immediately wipe off any ink, maintenance liquid, waste ink, or other liquid used with the product that comes into contact with your skin. Then wash using soap, and rinse with plenty of water. Failure to wash off ink may result in skin inflammation. If your skin becomes irritated or painful, seek medical attention immediately.
- If ink, maintenance liquid, waste ink, or any other liquid used in the product comes into contact with your eyes, rinse immediately with plenty of clean water. Rinse for at least 15 minutes. If you wear contact lenses and they can be easily removed, remove after rinsing for at least 15 minutes with clean water. Be sure to also rinse the undersides of your eyelids. Failure to rinse off ink may result in blindness or impaired vision. If your eyes become irritated or painful, seek medical attention immediately.
- If ink, maintenance liquid, waste ink, or any other liquid used in the product enters your mouth or is swallowed, gargle with water immediately. Do not induce vomiting. Seek medical attention promptly. Inducing vomiting may cause liquid to enter the airway.
- If a large amount of vapor is inhaled, move to a well-ventilated area, keep warm, and rest in a posture that allows easy breathing. If the condition does not improve, seek medical attention promptly.
- Then contact the emergency number written on the SDS.

NOTICE



- If an ink leak occurs, turn off the main power immediately and unplug the power cable. Then, contact your local dealer or our service office.

● Power supply precautions

The JFX600-2513 machines with serial numbers 1 to 20 are connected to power sockets. The JFX600-2513 machines with serial numbers 21 and later as well as the JFX550-2513 machines are connected to terminal blocks through switchboards. For more information on electrical work, refer to  [Connecting the Power](#).

WARNING



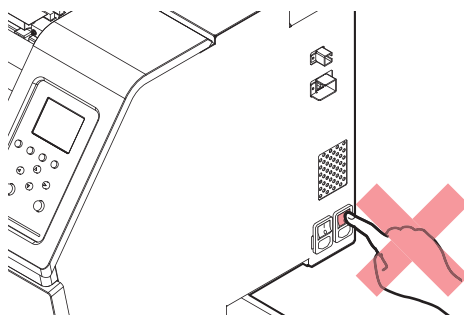
- Use the power cable provided. Otherwise there is a risk of failure, electric shock, or fire. The power cable provided is exclusive for the machine, and must not be used for other electrical equipment.
- Always hold the plug when removing the power cable. Pulling out the power cable may damage the cable, leading to failure, electric shock, or fire.
- Do not use the machine with dust accumulated on the power plug. Otherwise there is a risk of failure, electric shock, or fire.
- Take care to prevent metals from touching the power plug blades. Otherwise there is a risk of failure, electric shock, or fire.
- Do not damage or modify the power cable. Do not place heavy objects on, heat or stretch it. Doing so may damage the cable, leading to electric shock or fire.
- Do not use extension cords or power strips. Otherwise there is a risk of failure, electric shock, or fire.
- Do not use the power cable if it is damaged or broken or if the core wire is exposed. Otherwise there is a risk of failure, electric shock, or fire.
- Do not handle the power plug with wet hands. Disregarding this precaution may result in electric shock.



- Plug the power cable plug into a grounded power outlet. Otherwise there is a risk of failure, electric shock, or fire.
- When installing electrical outlets, perform grounding work to prevent electric shock. All electrical work (Class C grounding work; formerly Type 3 grounding work) must be handled by a licensed electrician.



- Do not turn off the main power supply for the machine and the power supply for the control PC. Turning off the power supply will disable the automatic maintenance function (including nozzle clogging prevention function and ink discharge channel cleaning function). This increases the risk of ejection failures (such as nozzle clogging or deflection).



- Use the machine with a power supply that meets specifications.
- Be sure to plug the power cable into a power outlet close to the machine. Insert the power plug blade securely.
- When connecting the power cable, check the input voltage of the power outlet and the capacity of the breaker. Also, connect each cable to a separate power source with an independent breaker. Connecting to power outlets linked with the same breaker will cause the breaker to trip.

● Vacuum unit

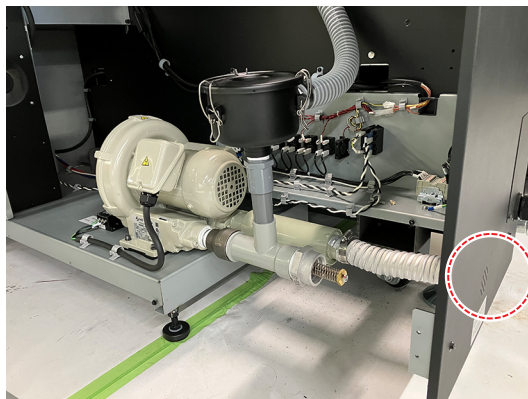
NOTICE



- Do not attempt to disassemble or repair the vacuum unit. Doing so may reduce the vacuum strength or cause abnormal heat generation or failure of this machine.



- Avoid touching the relief valve (pressure regulating valve) and blocking the exhaust port of the vacuum unit. Doing so may reduce the vacuum strength or cause abnormal heat generation or failure of this machine.



- Use at low temperature may cause the vacuum unit to generate a high-pitched noise. This does not indicate a failure.

● Do not stand or sit on the machine.

NOTICE



- Never stand or sit on the platen. Disregarding this precaution may impair the precision of the platen surface and affect print quality.
- Never stand or sit on the drying unit, take-up/feeding motors, or external supply unit. Disregarding this precaution is extremely dangerous, and may result in injury or damage to the machine.

● Caution regarding moving parts

⚠ CAUTION



- Keep parts of the body such as the face and hands away from moving parts. Also keep clothing (e.g., loose clothing and accessories) that may impede work away from the machine. Failure to do so may result in injury.



- Long hair should be tied back. Failure to do so may result in injury.

● Do not disassemble or repair

⚠ WARNING



- Do not attempt to disassemble or repair this machine. Otherwise there is a risk of failure, electric shock, or fire.

● Ultraviolet light (UV) and the UV-LED unit

⚠ WARNING



- Do not place combustibles under the UV-LED unit, and do not cover it with paper or cloth. There is a risk of fire or burns.
- Small amounts of ultraviolet light may leak from the UV-LED unit. Wear UV-blocking glasses or a light-shielding face shield, mask, gloves, and long-sleeved clothing to avoid UV exposure to the eyes and skin.
 - (1) Exposure to ultraviolet light may result in skin inflammation. Even if no inflammation occurs, extended or repeated exposure may lead to chronic problems.
 - Acute problems: Inflammation
 - Chronic problems: Skin cancer, wrinkles, blotches
 - (2) Looking directly at the lamp while the lamp is on may result in eye pain or damage to eyesight. Even if no eye pain occurs, extended or repeated exposure may lead to chronic problems.
 - Acute problems: Ultraviolet keratitis, conjunctivitis, discomfort, pain, watery eyes
 - Chronic problems: Pterygium, cataracts

 CAUTION



- The UV-LED unit becomes extremely hot. Be careful not to touch the LED after it has been turned off until it has sufficiently cooled.



- Do not expose the skin or eyes directly or indirectly to light from the UV-LED unit. The UV-LED unit emits ultraviolet (UV) light. Skin or eye exposure may result in inflammation.



- Be sure to use the UV safety glasses provided. Disregarding this precaution may result in eye pain or damage to eyesight.
-

NOTICE



- Avoid scratching or subjecting the UV-LED unit to excessive force. Disregarding this precaution may result in deformation or failure of the unit.
- Avoid touching the glass on the underside of the UV-LED unit with bare hands. Disregarding this precaution may impair UV ink curing. If the glass becomes dirty, wipe clean using a soft, clean cloth soaked with ethanol. Be careful to keep ethanol from splashing on the covers or other parts while cleaning. Disregarding this precaution may result in deformation or failure of the unit.

● About the monitor arm

NOTICE



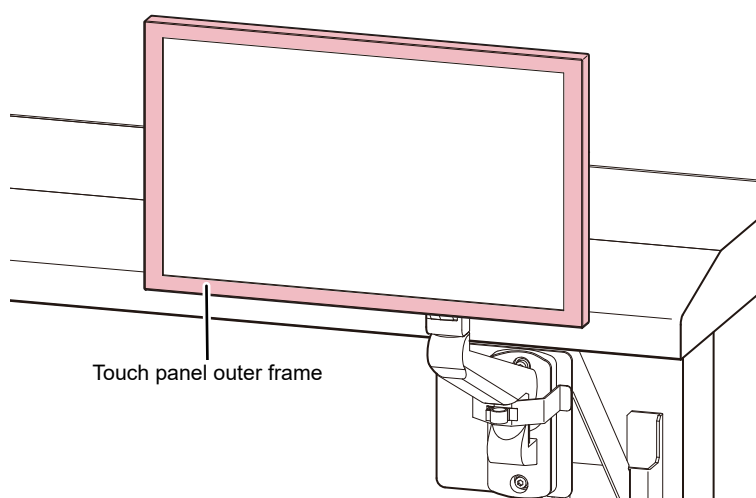
- The maximum load capacity of the monitor arm is 8 kg. Do not mount any monitor other than that specified by Mimaki. Doing so may damage the arm.

● About the touch panel

NOTICE



- Do not press, rub, or push the touch panel with excessive force.
- Do not tap the touch panel with a ball-point pen or other hard metal object.
- Do not touch the black outer frame of the screen.
- Do not affix adhesive tape or labels to the touch panel screen or black outer frame. Doing so may reduce sensitivity and prevent operation.



- Immediately wipe off any liquid on the touch panel.
- Take care not to allow any liquids to get inside the touch panel gaps.

● Other usage precautions

⚠ WARNING



- Keep children away from the machine.

NOTICE



- Do not hold the acrylic part when opening the front cover. Doing so may damage the acrylic.



- The underside of the media may be soiled depending on how the printed media has been stored (due to weight when laying printed media rolls horizontally, for example) and the media type. Perform a test beforehand to check that the media does not transfer ink to the underside of the adjacent media.



- Condensation may form on the print head nozzle surface depending on the ambient temperature and humidity. The formation of condensation may cause ejection failures (e.g., nozzle clogging or deflection). Perform head cleaning if any ejection failures (e.g., nozzle clogging or deflection) occur during printing. Head Cleaning

● Disposing of the product

CAUTION



- Please contact your local retailer or service agent.
- When disposing of the product yourself, contact an industrial waste disposal operator or dispose of the product in accordance with local laws and regulations.

Usage Precautions

● In the event of abnormal conditions

WARNING



- In the event of abnormal conditions such as smoke or unusual odor, turn off the main power immediately and unplug the power cable. Continuing to use the machine under these conditions may result in failure, electric shock, or fire. Once you have confirmed that smoke is no longer being emitted, contact your local dealer or our service office. Never attempt to repair the machine yourself, which is hazardous.

CAUTION



- Immediately wipe off any ink, maintenance liquid, waste ink, or other liquid used with the product that comes into contact with your skin. Then wash using soap, and rinse with plenty of water. Failure to wash off ink may result in skin inflammation. If your skin becomes irritated or painful, seek medical attention immediately.
- If ink, maintenance liquid, waste ink, or any other liquid used in the product comes into contact with your eyes, rinse immediately with plenty of clean water. Rinse for at least 15 minutes. If you wear contact lenses and they can be easily removed, remove after rinsing for at least 15 minutes with clean water. Be sure to also rinse the undersides of your eyelids. Failure to rinse off ink may result in blindness or impaired vision. If your eyes become irritated or painful, seek medical attention immediately.
- If ink, maintenance liquid, waste ink, or any other liquid used in the product enters your mouth or is swallowed, gargle with water immediately. Do not induce vomiting. Seek medical attention promptly. Inducing vomiting may cause liquid to enter the airway.
- If a large amount of vapor is inhaled, move to a well-ventilated area, keep warm, and rest in a posture that allows easy breathing. If the condition does not improve, seek medical attention promptly.
- Then contact the emergency number written on the SDS.

NOTICE



-
- If an ink leak occurs, turn off the main power immediately and unplug the power cable. Then, contact your local dealer or our service office.
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● Power supply precautions

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WARNING



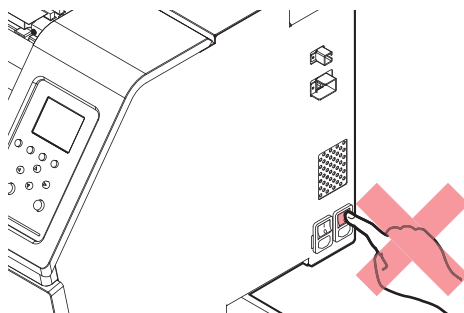
- Use the power cable provided. Otherwise there is a risk of failure, electric shock, or fire. The power cable provided is exclusive for the machine, and must not be used for other electrical equipment.
- Always hold the plug when removing the power cable. Pulling out the power cable may damage the cable, leading to failure, electric shock, or fire.
- Do not use the machine with dust accumulated on the power plug. Otherwise there is a risk of failure, electric shock, or fire.
- Take care to prevent metals from touching the power plug blades. Otherwise there is a risk of failure, electric shock, or fire.
- Do not damage or modify the power cable. Do not place heavy objects on, heat or stretch it. Doing so may damage the cable, leading to electric shock or fire.
- Do not use extension cords or power strips. Otherwise there is a risk of failure, electric shock, or fire.
- Do not use the power cable if it is damaged or broken or if the core wire is exposed. Otherwise there is a risk of failure, electric shock, or fire.
- Do not handle the power plug with wet hands. Disregarding this precaution may result in electric shock.



- Plug the power cable plug into a grounded power outlet. Otherwise there is a risk of failure, electric shock, or fire.
- When installing electrical outlets, perform grounding work to prevent electric shock. All electrical work (Class C grounding work; formerly Type 3 grounding work) must be handled by a licensed electrician.



- Normally, do not turn off the main power supply for the machine and the power supply for the control PC. Turning off the power supply will disable the automatic maintenance function (including nozzle clogging prevention function and ink discharge channel cleaning function). This increases the risk of ejection failures (such as nozzle clogging or deflection). When turning off the machine power due to abnormality or other unavoidable reasons, be sure to turn off all three switches to shut off the power supply. There is a risk of electric shock if all three switches are not turned off.



- Use the machine with a power supply that meets specifications.
- When connecting the power cable, check the input voltage of the power outlet and the capacity of the breaker. Also, connect each cable to a separate power source with an independent breaker. Connecting to power outlets linked with the same breaker will cause the breaker to trip.

● Vacuum unit

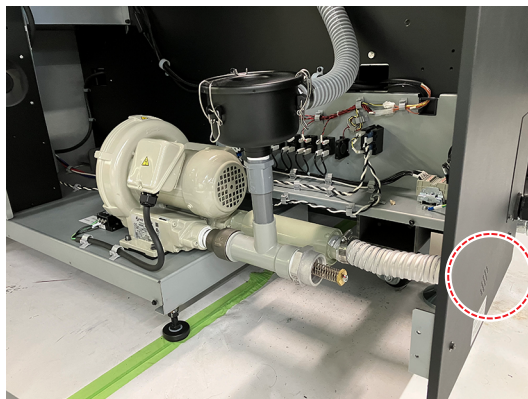
NOTICE



- Do not attempt to disassemble or repair the vacuum unit. Doing so may reduce the vacuum strength or cause abnormal heat generation or failure of this machine.



- Avoid touching the relief valve (pressure regulating valve) and blocking the exhaust port of the vacuum unit. Doing so may reduce the vacuum strength or cause abnormal heat generation or failure of this machine.



- Use at low temperature may cause the vacuum unit to generate a high-pitched noise. This does not indicate a failure.

● Do not stand or sit on the machine.

NOTICE



- Never stand or sit on the platen. Disregarding this precaution may impair the precision of the platen surface and affect print quality.
- Never stand or sit on the drying unit, take-up/feeding motors, or external supply unit. Disregarding this precaution is extremely dangerous, and may result in injury or damage to the machine.

● Caution regarding moving parts

CAUTION



- Keep parts of the body such as the face and hands away from moving parts. Also keep clothing (e.g., loose clothing and accessories) that may impede work away from the machine. Failure to do so may result in injury.



- Long hair should be tied back. Failure to do so may result in injury.

● Do not disassemble or repair

WARNING



- Do not attempt to disassemble or repair this machine. Otherwise there is a risk of failure, electric shock, or fire.

● Ultraviolet light (UV) and the UV-LED unit

WARNING



- Do not place combustibles under the UV-LED unit, and do not cover it with paper or cloth. There is a risk of fire or burns.
- Small amounts of ultraviolet light may leak from the UV-LED unit. Wear UV-blocking glasses or a light-shielding face shield, mask, gloves, and long-sleeved clothing to avoid UV exposure to the eyes and skin.
 - (1) Exposure to ultraviolet light may result in skin inflammation. Even if no inflammation occurs, extended or repeated exposure may lead to chronic problems.
 - Acute problems: Inflammation
 - Chronic problems: Skin cancer, wrinkles, blotches
 - (2) Looking directly at the lamp while the lamp is on may result in eye pain or damage to eyesight. Even if no eye pain occurs, extended or repeated exposure may lead to chronic problems.
 - Acute problems: Ultraviolet keratitis, conjunctivitis, discomfort, pain, watery eyes
 - Chronic problems: Pterygium, cataracts

 CAUTION



- The UV-LED unit becomes extremely hot. Be careful not to touch the LED after it has been turned off until it has sufficiently cooled.



- Do not expose the skin or eyes directly or indirectly to light from the UV-LED unit. The UV-LED unit emits ultraviolet (UV) light. Skin or eye exposure may result in inflammation.



- Be sure to use the UV safety glasses provided. Disregarding this precaution may result in eye pain or damage to eyesight.
-

NOTICE



- Avoid scratching or subjecting the UV-LED unit to excessive force. Disregarding this precaution may result in deformation or failure of the unit.
- Avoid touching the glass on the underside of the UV-LED unit with bare hands. Disregarding this precaution may impair UV ink curing. If the glass becomes dirty, wipe clean using a soft, clean cloth soaked with ethanol. Be careful to keep ethanol from splashing on the covers or other parts while cleaning. Disregarding this precaution may result in deformation or failure of the unit.

● About the monitor arm

NOTICE



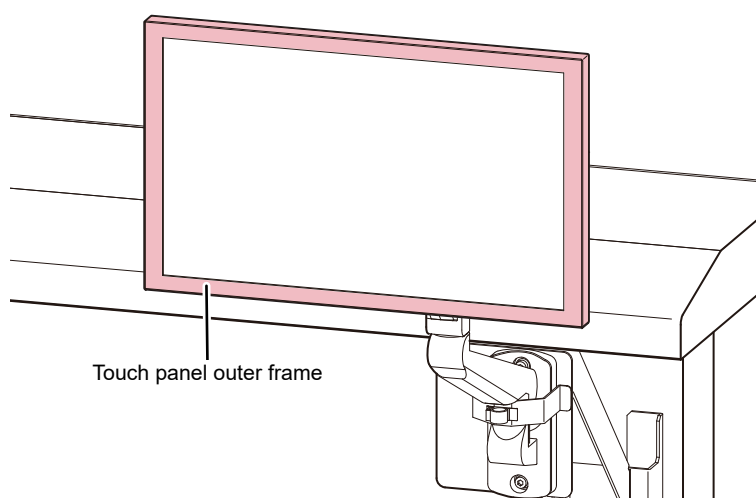
- The maximum load capacity of the monitor arm is 8 kg. Do not mount any monitor other than that specified by Mimaki. Doing so may damage the arm.

● About the touch panel

NOTICE



- Do not press, rub, or push the touch panel with excessive force.
- Do not tap the touch panel with a ball-point pen or other hard metal object.
- Do not touch the black outer frame of the screen.
- Do not affix adhesive tape or labels to the touch panel screen or black outer frame. Doing so may reduce sensitivity and prevent operation.



- Immediately wipe off any liquid on the touch panel.
- Take care not to allow any liquids to get inside the touch panel gaps.

● Other usage precautions

⚠ WARNING



- Keep children away from the machine.

NOTICE



- Do not hold the acrylic part when opening the front cover. Doing so may damage the acrylic.



- The underside of the media may be soiled depending on how the printed media has been stored (due to weight when laying printed media rolls horizontally, for example) and the media type. Perform a test beforehand to check that the media does not transfer ink to the underside of the adjacent media.



- Condensation may form on the print head nozzle surface depending on the ambient temperature and humidity. The formation of condensation may cause ejection failures (e.g., nozzle clogging or deflection). Perform head cleaning if any ejection failures (e.g., nozzle clogging or deflection) occur during printing. Head Cleaning

● Disposing of the product

CAUTION



- Please contact your local retailer or service agent.
- When disposing of the product yourself, contact an industrial waste disposal operator or dispose of the product in accordance with local laws and regulations.

Usage Restrictions

WARNING



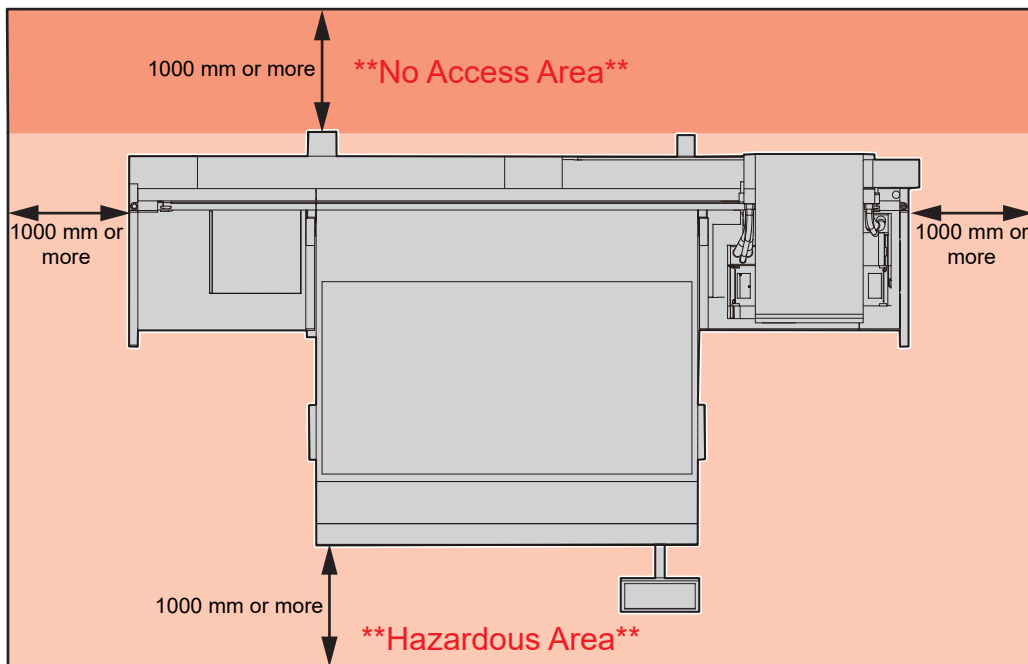
- The machine poses significant safety hazards due to the high-speed movement of the carriage from side to side, Y-bar movements, sections with high temperatures and hazardous voltages, and the UV-LED. Use of the machine is restricted to operators with a thorough understanding of the hazards involved.



- If safety fences are used to restrict the area around the machine, install safety fences in accordance with the EN ISO 13857 standard.
- If the machine is installed in a dedicated room, a lock or safety interlock should be fitted to the room door, and a risk assessment should be conducted for the installation site before use.



- Be sure to prohibit entry to restricted areas for all people except personnel who have undergone our risk assessment training or persons trained by them.



- Be sure to prohibit the handling of the machine by all people except personnel who have undergone our risk assessment training or persons trained by them. Failure to do so may result in injury.

● Control PC

CAUTION



- To avoid any security risks, do not use a web browser if the control PC is connected to the Internet.
- Do not install any software other than our company's designated software, make any configuration changes, or change the OS version on the control PC. There is a risk of serious malfunctions, such as the machine failing to start or being unable to print.

Hazardous and Prohibited Actions

When the power is on, avoid any of the hazardous actions listed below. Failure to observe these precautions may lead to serious injury (crushing or shearing) if the carriage moves during routine maintenance.

● Maintain a safe distance from the area behind the Y-bar.

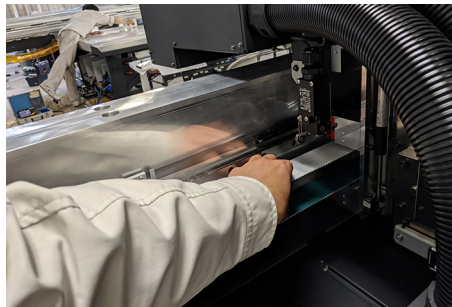


- Do not walk behind the Y-bar when the power is on. The Y-bar may suddenly start moving, leading to an accident.

● Keep your face, hands, and all other body parts at a safe distance from the carriage area.



- Do not bring your face, hands, or any other part of your body close to or into the gap between the carriage and the Y-bar.



- Do not bring your face, hands, or any other part of your body close to or into the gap between the carriage and table or station.



● Keep your face, hands, and all other body parts at a safe distance from the gap between the Y-bar and table.



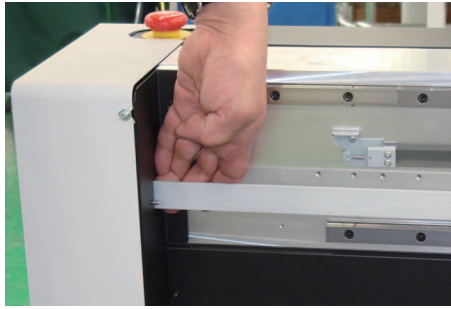
- Do not bring your face, hands, or any other body parts close to or into the gap between the Y-bar and table.



- **Keep your face, hands, and all other body parts at a safe distance from moving parts.**



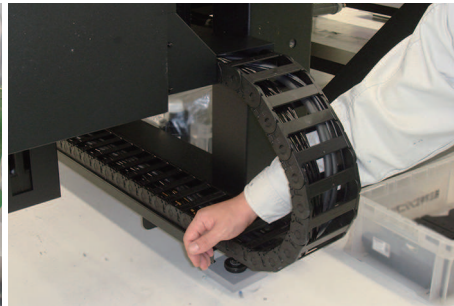
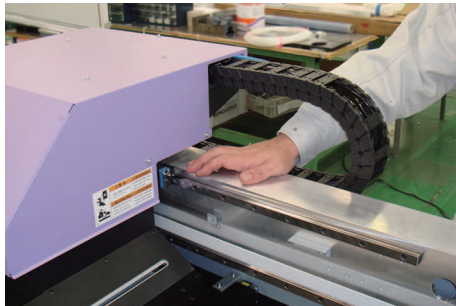
- Do not bring your face, hands, or any other body parts close to or into the Y-bar belt.



- **Keep your face, hands, and all other body parts at a safe distance from the cable carrier section, and do not place any objects on top.**



- Do not bring your face, hands, or any other body parts close to or into the cable carrier section below the Y-bar and table, and do not place any object on top.



- **Keep your face, hands, and all other body parts at a safe distance from the area under the table.**



- Do not crawl under the table or bring your face, hands, or any other body parts into the space under the table.

- **Do not lean on operating panel area**



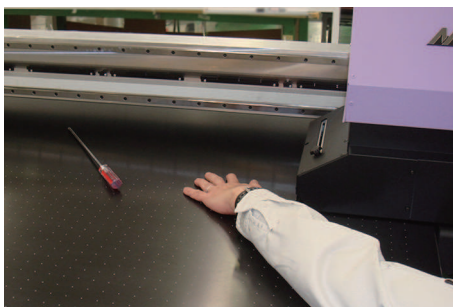
- Do not lean on the operating panel area. Accidentally pressing buttons on the operating panel may cause the carriage or Y-bar to suddenly start moving, leading to an accident.



- **Keep your hands and other objects off the table.**



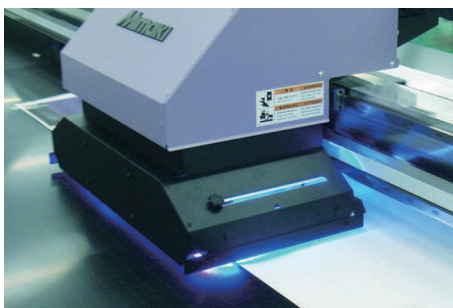
- Do not place your face, hands, other body parts, or any objects other than the media (less than 50 mm thick) on the table.



- **Do not look directly at the UV-LED.**



- Avoid looking directly at the UV-LED. Take special care when working while seated as the carriage will be roughly at eye level.



- **Maintain a safe distance while the carriage is operating.**



- Do not forcibly move the carriage while it is in motion (during printing, cleaning, or other operations).
-

Precautions

- **About the monitor arm**

NOTICE



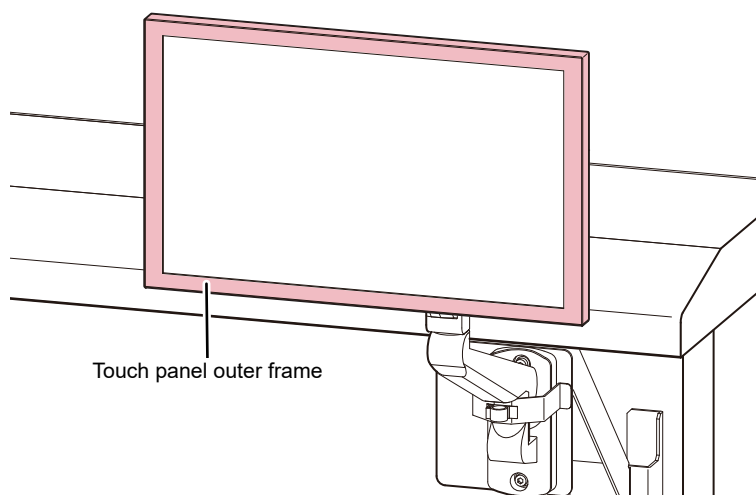
- The maximum load capacity of the monitor arm is 8 kg. Do not mount any monitor other than that specified by Mimaki. Doing so may damage the arm.
-

- **About the touch panel**

NOTICE



- Do not press, rub, or push the touch panel with excessive force.
- Do not tap the touch panel with a ball-point pen or other hard metal object.
- Do not touch the black outer frame of the screen.
- Do not affix adhesive tape or labels to the touch panel screen or black outer frame. Doing so may reduce sensitivity and prevent operation.



- Immediately wipe off any liquid on the touch panel.
- Take care not to allow any liquids to get inside the touch panel gaps.

● Power supply precautions

The JFX600-2513 machines with serial numbers 1 to 20 are connected to power sockets. The JFX600-2513 machines with serial numbers 21 and later as well as the JFX550-2513 machines are connected to terminal blocks through switchboards. For more information on electrical work, refer to  [Connecting the Power](#).

WARNING



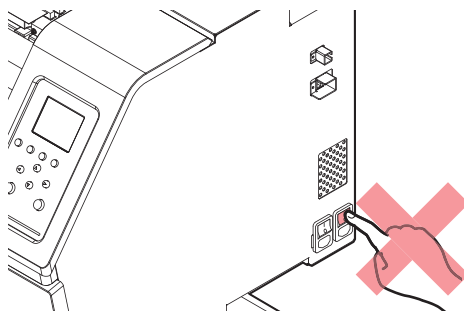
- Use the power cable provided. Otherwise there is a risk of failure, electric shock, or fire. The power cable provided is exclusive for the machine, and must not be used for other electrical equipment.
- Always hold the plug when removing the power cable. Pulling out the power cable may damage the cable, leading to failure, electric shock, or fire.
- Do not use the machine with dust accumulated on the power plug. Otherwise there is a risk of failure, electric shock, or fire.
- Take care to prevent metals from touching the power plug blades. Otherwise there is a risk of failure, electric shock, or fire.
- Do not damage or modify the power cable. Do not place heavy objects on, heat or stretch it. Doing so may damage the cable, leading to electric shock or fire.
- Do not use extension cords or power strips. Otherwise there is a risk of failure, electric shock, or fire.
- Do not use the power cable if it is damaged or broken or if the core wire is exposed. Otherwise there is a risk of failure, electric shock, or fire.
- Do not handle the power plug with wet hands. Disregarding this precaution may result in electric shock.



- Plug the power cable plug into a grounded power outlet. Otherwise there is a risk of failure, electric shock, or fire.
- When installing electrical outlets, perform grounding work to prevent electric shock. All electrical work (Class C grounding work; formerly Type 3 grounding work) must be handled by a licensed electrician.



- Normally, do not turn off the main power supply for the machine and the power supply for the control PC. Turning off the power supply will disable the automatic maintenance function (including nozzle clogging prevention function and ink discharge channel cleaning function). This increases the risk of ejection failures (such as nozzle clogging or deflection). When turning off the machine power due to abnormality or other unavoidable reasons, be sure to turn off all three switches to shut off the power supply. There is a risk of electric shock if all three switches are not turned off.



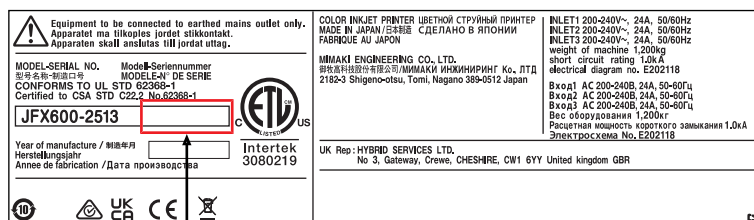
- Use the machine with a power supply that meets specifications.
 - When connecting the power cable, check the input voltage of the power outlet and the capacity of the breaker. Also, connect each cable to a separate power source with an independent breaker. Connecting to power outlets linked with the same breaker will cause the breaker to trip.
-

Connecting the Power

The printer requires a large power supply and must be powered directly from the switchboard. Customers must complete any electrical work before the printer is carried in.



- The power connection procedure may vary depending on the machine number. It is necessary to check the machine number and then ask a licensed electrician to perform the corresponding power connection work. Please contact your local dealer for the machine number.
[Reference] It is possible to check the machine number on the label. This label is attached to the electrical box cover located under the machine table.



Serial No.
(The last three digits are the machine number.)



- Plug the power cable plug into a grounded power outlet. Otherwise there is a risk of failure, electric shock, or fire.
- When installing electrical outlets, perform grounding work to prevent electric shock. All electrical work (Class C grounding work; formerly Type 3 grounding work) must be handled by a licensed electrician.

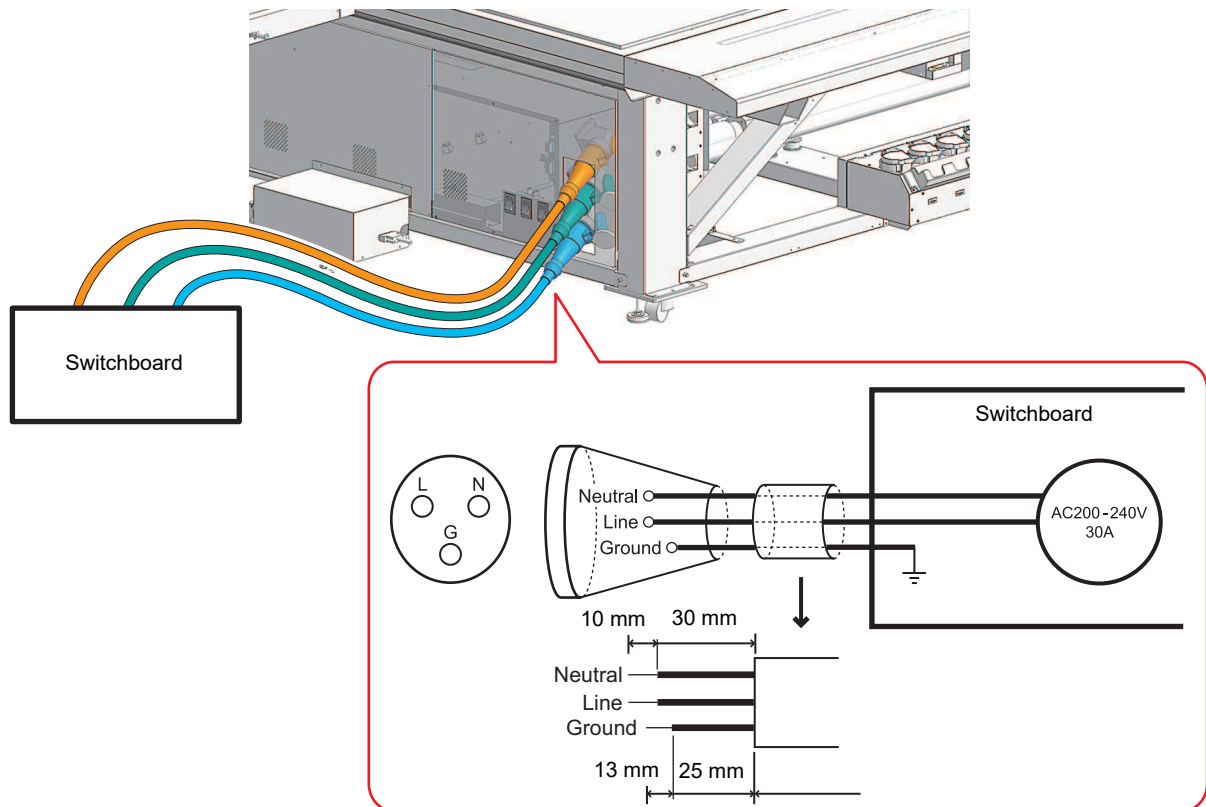


- Make sure the connections are correct. Incorrect connections may result in damage to the equipment.
- Be careful to avoid problems in wiring configuration.

Power Connection Procedure for JFX600-2513 Machine Numbers 1 to 20



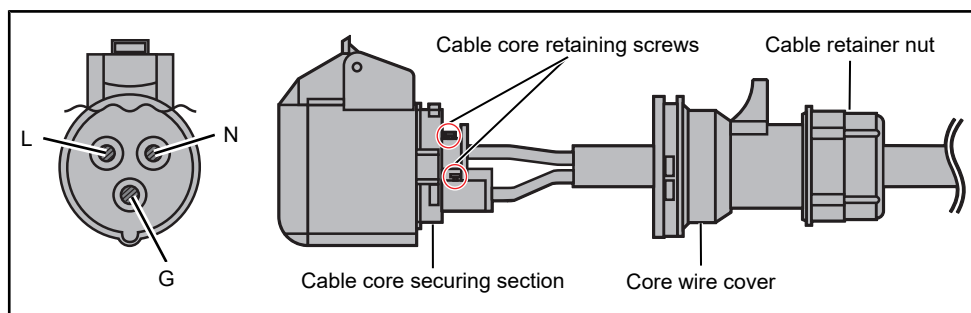
- Power sockets are located on the side of the machine. Three power plugs that fit these power sockets are included as accessories.
A power cable is not included. The user is responsible for providing power cables. The following electrical work to connect the switchboard and the sockets must be performed by a licensed electrician.
- Use the following types of cables, circuit breakers, and plugs:
 - (1) Cable: VCT-5.5 mm² × 3-core (600 V) or UL-AWG10 × 3C (600 V) or equivalent. Outer sheath external diameter 16 to 20 mm.
 - (2) Circuit breaker: Single-phase 200 to 240 V AC, 30 A
 - (3) Included plugs: IEC60309 standard plugs (Straight-insertion type B)



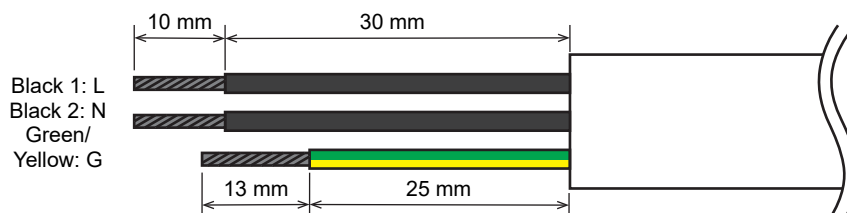
● Plug and cable assembly

- 1** Make sure that the machine main power supply and the switchboard circuit breaker have been turned off.

2 Have a licensed electrician assemble the plugs and cables as shown below.

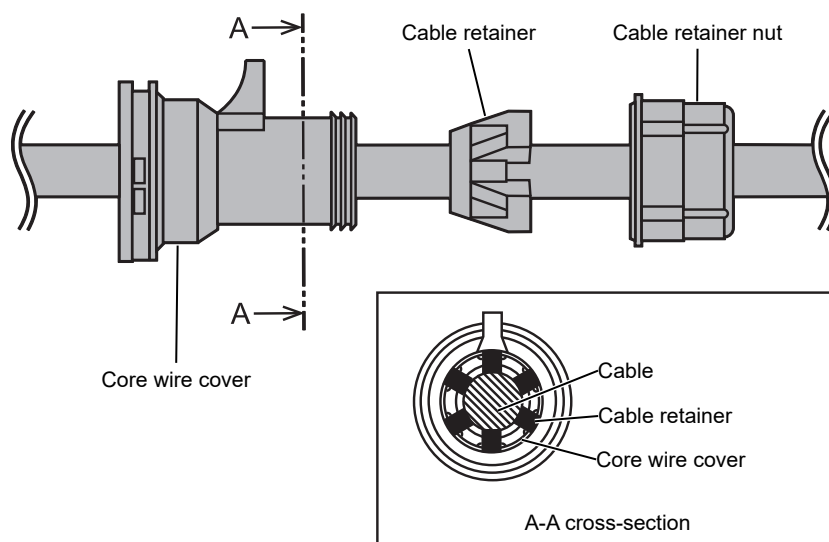


(1) Assemble the ends of the cables as shown in the figure.



(2) Loosen the cable retainer nut by turning it counterclockwise.

- The cable retainer nut should not completely come off. If it happens to come off, reinstall it so that its protrusion mates with the protrusion of the core wire cover.



- (3) Remove the core wire cover by turning it counterclockwise while pressing down on the black protrusion with a flathead screwdriver.
- (4) Thread the cable through as shown in the diagram of the plug and cable.
 - Be sure to pay particular attention to the direction of the wiring.
- (5) Secure the wires in place using the core wire screws while ensuring correct polarity.
- (6) Install the core wire cover. This will fit in place after turning it clockwise. After installation, confirm that it does not come off by pulling it gently.
 - Turn it clockwise to find the position where it fits. Pull it gently to confirm that it does not come off.
- (7) Turn the cable retainer nut clockwise to confirm it is securely holding the cable in place.

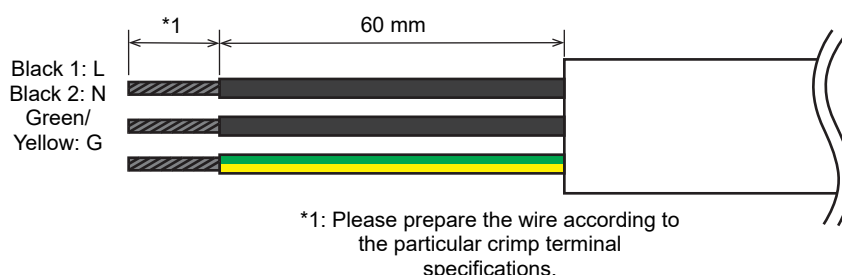
Power Connection Procedure for JFX600-2513 Machine Number 21 and Later, and the JFX550-2513



- Terminal blocks are attached inside the machine's electrical box.
JFX600-2513: ×3, TS100-1600: ×2
A power cable is not included. The user is responsible for providing power cables. Electrical work between the switchboard and terminal block must be performed by a licensed electrician.
- Be sure to only use the following types of cables and circuit breakers.
 - (1) Cable: VCT-5.5 mm² × 3-core (600 V) or UL-AWG10 × 3C (600 V) or equivalent. Outer sheath external diameter 16 to 20 mm.
 - (2) Circuit breaker: Single-phase 200 to 240 V AC, 30 A

● Wire preparation

1 Strip 60 mm of the sheath from the power cable.



2 Attach one of the cable glands (FGA33-22B) provided to each of the cables.

3 Attach the allowable types of crimp terminals to the live, neutral, and ground wires (L, N, G).

- The sheath must be stripped off the wires to a length that is appropriate for the crimp terminal type you are using.
- For more information regarding allowable crimp terminals, see below.

- Terminal block connection details

(1) Model No.: FPSK-30-2P

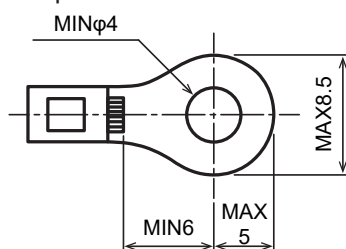
(2) Manufacturer: TOYOGIKEN

(3) Terminal screws: M4 x 8 (3-part SEMS screw)

- Live and neutral wire end preparation

(1) Preparation method: Ring terminal with added insulation.

(2) Shape:



(3) Examples of allowable crimp terminals:

- TMEX5.5-4N (NICHIFU)
- RAV5.5-S4 (Daido Solderless Terminal Mfg.)
- RAV5.5-N4 (Daido Solderless Terminal Mfg.)
- RAV5.5-M4 (Daido Solderless Terminal Mfg.)
- NBT5.5-S4 (Fuji Terminal Industry)
- NBT5.5-SS4 (Fuji Terminal Industry)

- Ground wire end preparation

(1) Preparation method: Ring terminal with added insulation.

(2) Crimp terminal stud diameter: $\phi 5$ or larger

(3) Examples of allowable crimp terminals:

- FN5.5-5 (J.S.T. Mfg.)
- N5.5-5 (J.S.T. Mfg.)

- Screw tightening torque: 1.8 Nm



- Be sure to observe the following three points. Failure to observe the following three points may result in fire, smoke generation, or electric shock.

- (1) Only use power cables and crimp terminals that satisfy the specifications.
- (2) Be sure to attach a ring crimp terminal to the end of the power cable.
- (3) Secure the ring terminal to the terminal block using the specified tightening torque.

● Power connection work

1 Make sure that the machine main power supply and the switchboard circuit breaker have been turned off.

2 Pass each cable through the wiring ports on the right side of the power supply box.

3 Tighten the cable glands with a wrench and secure to the power supply BOXR side.

- Check to confirm that the cable glands do not move once they have been secured.



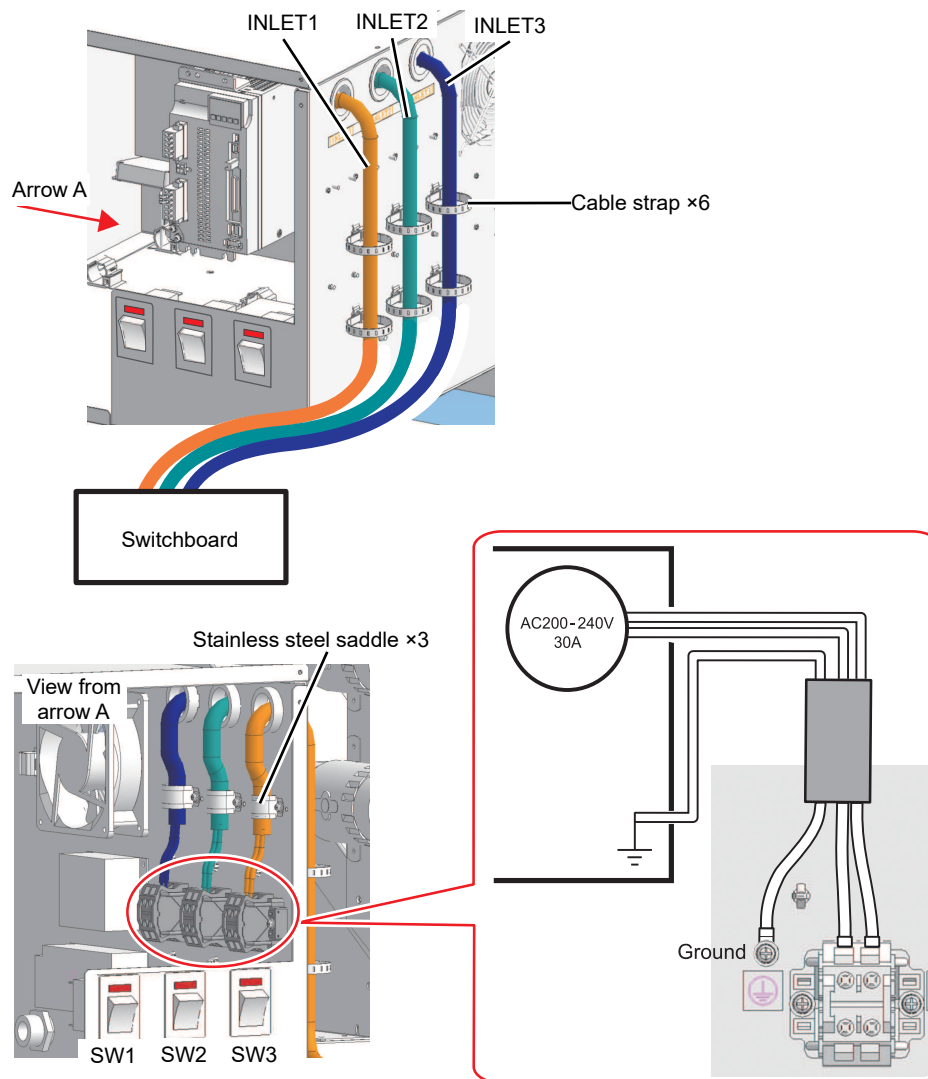
- The JFX550-2513 power cable is connected to SW1 and SW2. It must not be connected to SW3.

4 Secure the live and neutral wires of each cable to the terminal block, and then attach the ground wire to the protective ground screw hole indicated by the ground symbol.



- To prevent electric shock, be sure to connect the ground wire before connecting the live and neutral wires.

- The terminal block screws should be tightened to a torque of 1.8 Nm.



5 After installing the cables, attach cable straps.

6 Tighten the cable gland nuts to secure the cables in place.

- After securing, pull the cables to confirm that they do not move.

Saddle model number	Compatible cable outer diameters	Quantity
LS3AV16JB	Ø16.0 to 16.3 mm	3

Saddle model number	Compatible cable outer diameters	Quantity
LS3AV18JB	Ø16.4 to 18.3 mm	3
LS3AV20JB	Ø18.4 to 20 mm	3

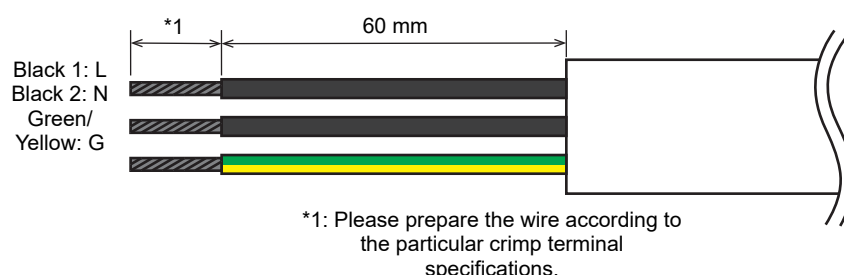
Wiring method



- Terminal blocks are attached inside the machine's electrical box.
JFX600-2513: ×3, TS100-1600: ×2
A power cable is not included. The user is responsible for providing power cables. Electrical work between the switchboard and terminal block must be performed by a licensed electrician.
- Be sure to only use the following types of cables and circuit breakers.
 - Cable: VCT-5.5 mm² × 3-core (600 V) or UL-AWG10 × 3C (600 V) or equivalent. Outer sheath external diameter 16 to 20 mm.
 - Circuit breaker: Single-phase 200 to 240 V AC, 30 A

● Wire preparation

1 Strip 60 mm of the sheath from the power cable.



2 Attach one of the cable glands (FGA33-22B) provided to each of the cables.

3 Attach the allowable types of crimp terminals to the live, neutral, and ground wires (L, N, G).

- The sheath must be stripped off the wires to a length that is appropriate for the crimp terminal type you are using.
- For more information regarding allowable crimp terminals, see below.

- Terminal block connection details

(1) Model No.: FPSK-30-2P

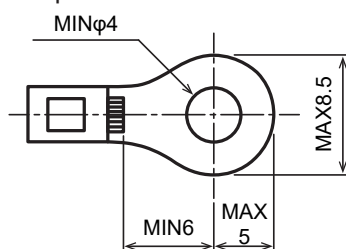
(2) Manufacturer: TOYOGIKEN

(3) Terminal screws: M4 x 8 (3-part SEMS screw)

- Live and neutral wire end preparation

(1) Preparation method: Ring terminal with added insulation.

(2) Shape:



(3) Examples of allowable crimp terminals:

- TMEX5.5-4N (NICHIFU)
- RAV5.5-S4 (Daido Solderless Terminal Mfg.)
- RAV5.5-N4 (Daido Solderless Terminal Mfg.)
- RAV5.5-M4 (Daido Solderless Terminal Mfg.)
- NBT5.5-S4 (Fuji Terminal Industry)
- NBT5.5-SS4 (Fuji Terminal Industry)

- Ground wire end preparation

(1) Preparation method: Ring terminal with added insulation.

(2) Crimp terminal stud diameter: $\phi 5$ or larger

(3) Examples of allowable crimp terminals:

- FN5.5-5 (J.S.T. Mfg.)
- N5.5-5 (J.S.T. Mfg.)

- Screw tightening torque: 1.8 Nm



- Be sure to observe the following three points. Failure to observe the following three points may result in fire, smoke generation, or electric shock.

- (1) Only use power cables and crimp terminals that satisfy the specifications.
- (2) Be sure to attach a ring crimp terminal to the end of the power cable.
- (3) Secure the ring terminal to the terminal block using the specified tightening torque.

● Power connection work

1 Make sure that the machine main power supply and the switchboard circuit breaker have been turned off.

2 Pass each cable through the wiring ports on the right side of the power supply box.

3 Tighten the cable glands with a wrench and secure to the power supply BOXR side.

- Check to confirm that the cable glands do not move once they have been secured.



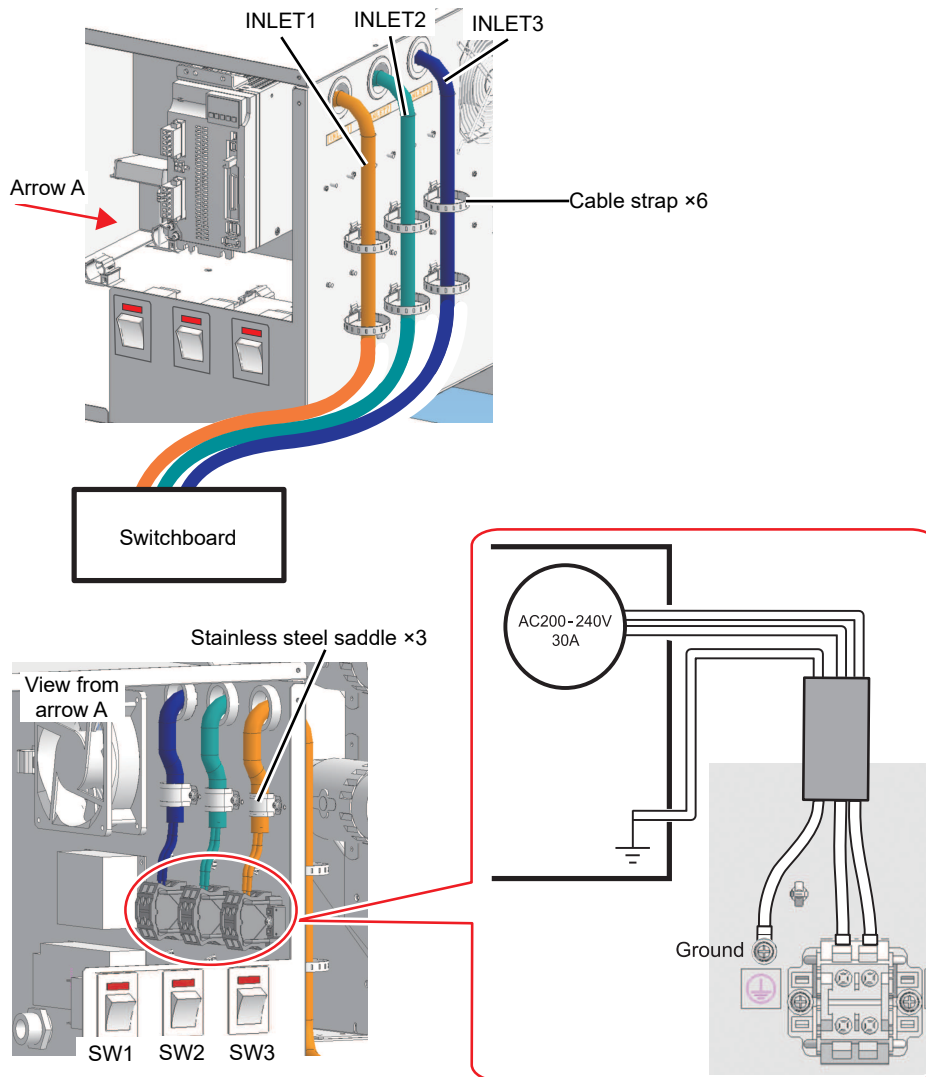
- The JFX550-2513 power cable is connected to SW1 and SW2. It must not be connected to SW3.

4 Secure the live and neutral wires of each cable to the terminal block, and then attach the ground wire to the protective ground screw hole indicated by the ground symbol.



- To prevent electric shock, be sure to connect the ground wire before connecting the live and neutral wires.

- The terminal block screws should be tightened to a torque of 1.8 Nm.



5 After installing the cables, attach cable straps.

6 Tighten the cable gland nuts to secure the cables in place.

- After securing, pull the cables to confirm that they do not move.

Saddle model number	Compatible cable outer diameters	Quantity
LS3AV16JB	Ø16.0 to 16.3 mm	3

Saddle model number	Compatible cable outer diameters	Quantity
LS3AV18JB	Ø16.4 to 18.3 mm	3
LS3AV20JB	Ø18.4 to 20 mm	3

Notes on Handling Ink or Any Other Liquid Used with the Machine

Precautions regarding ink, maintenance liquid, or other liquids used with this machine are included with the containers. Thoroughly read them and make sure you understand the contents.



- Be sure to read the safety data sheet (SDS) before use. <https://mimaki.com/supply/sds/>

CAUTION



- Pay close attention to ventilation and be sure to wear safety glasses, gloves, and a mask when handling ink, maintenance liquid, waste ink, or other solutions used with the machine. Leaking ink may adhere to the skin or get into the eyes or mouth.



- Use only genuine Mimaki Engineering anti freezing liquid. Use of other anti freezing liquid may cause failures of the cooling unit.
- Take care to prevent any potential sources of ignition such as sparks caused by static electricity or material impacts.
- Be sure to dispose of any unneeded anti freezing liquid in the following manner.
 - (1) Soak it up with materials such as sawdust or rags and burn them in an incinerator.
 - (2) Pass them onto a licensed industrial waste disposal company after clearly indicating their contents.



- Do not subject cases containing ink to strong shock or violent shaking. Do not attempt to refill the ink. Leaking ink may adhere to the skin or get into your eyes or mouth.



- Do not disassemble cases containing ink. Leaking ink may adhere to the skin or get into your eyes or mouth.



- Do not store ink, maintenance liquid, or other liquids used with the machine in locations where children may enter.



- When disposing of ink, maintenance liquid or other liquid used with the product, or containers or non-woven fabric contaminated with ink or other liquid, contact an industrial waste disposal operator or dispose of the product in accordance with the local laws and regulations.

NOTICE



- Do not store ink, maintenance liquid, or other liquids used with the machine in locations exposed to direct sunlight.
- Do not store ink, maintenance liquid, or other liquids used with the machine in environments where cutting fluid or other volatile substances (such as amines or modified amine alcohol) are present in significant quantities. Storage in such places increases the risk of failure or ejection failures (e.g., nozzle clogging or deflection).
- Do not use ink, maintenance liquid, or other liquids used with this machine with other printers. Doing so may cause failure.



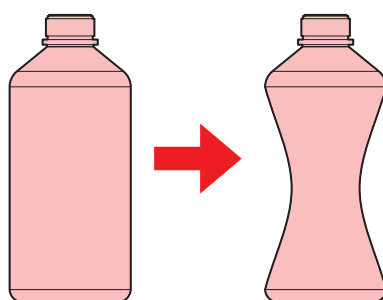
- Be sure to store them in a low place no higher than 1 m above the floor. Otherwise there is a risk of scattering if the containers fall.
 - Store in tightly sealed containers.
 - Store in a cool, dark place.
- (1) Store ink in a place where ink does not freeze. Using defrosted ink may deteriorate ink constituents and reduce print quality.
 - (2) When ink is moved from a cold place to a warm place, leave it in the environment where the machine is installed for at least three hours, and check that the ink temperature is close to that of the use environment before using it.
 - (3) Open the container just before installing it, and use it up as quickly as possible. If it is opened and left for an extended period of time, print quality may be reduced.



- Do not touch the metal parts of the ink IC chip. Static electricity may damage the ink IC chip, and dirt or damage may cause the ink IC chip read error.



- Printing is not possible when different types of ink IC chips are used.
- If the ink bottle mounted on the machine is dented, it may still be used.



Ink Specifications

Item		Details
Type		UV curing ink (MIMAKI product)
Color		Cyan (C) Light cyan (Lc) Magenta (M) Light magenta (Lm) Yellow (Y) Black (K) White (W) Clear ink (CI) Primer ink (Pr)
Form		Bottle
Ink capacity		1,000 ml
Expiration date		As indicated on the ink bottle However, after opening, it should be consumed within three months, even if before the expiration date.
Storage temperature	When stored	5 °C to 30 °C (daily mean temperature) However, not more than 1 month at 30 °C • Ink quality may deteriorate if stored outside these conditions.
	During transportation	1 °C to 60 °C However, not more than 120 hours at 60 °C, and not more than 1 month at 40 °C

Item		Details
		• Where possible, avoid storing in cold locations below 0 °C and hot locations above 40 °C. • Ink quality may deteriorate if stored outside these conditions.

Restrictions Concerning the Expiration Date of Ink Used in the Machine

Example: When the expiration date is April 20xx

- May 20xx: Replace with new ink or use up as quickly as possible. Printing is possible.
- June 20xx: Replace with new ink or use up as quickly as possible. Printing is possible.
- July 20xx: Printing is not possible.



- The message appears on the display.



- The ink expiration date is indicated on the ink containers. Expired ink may cause ejection failures or alter the color tone. Printing is possible even if the ink has passed its expiration date. Nevertheless, we recommend replacing with new ink or using up as quickly as possible.

Installation Precautions

WARNING



- Adhesive and releasing agents may contain flammable constituents such as thinner. This machine is not explosion proof. There is a risk of explosions.



- Do not install the machine in a place close to fire. Doing so may result in inflammation of solvent ink.
- Do not place flower vases, pots, cups, containers containing cosmetics, chemicals or water, or small metal items on or close to the machine. If they enter the machine, there is a risk of failure, electric shock, or fire.



- Do not install this machine in humid locations or locations where it may be exposed to splashing water. Otherwise there is a risk of failure, electric shock, or fire.



- Do not install the machine in a place where children may enter.

CAUTION



- A ventilation system must be provided if this machine is installed in a poorly ventilated area or sealed room.
- Be sure to observe the following points when installing an extractor outlet:
 - (1) The extractor outlet must be installed in accordance with applicable local EHS (environmental, health, and safety) guidelines.
 - (2) If the extractor outlet is fitted with a shutoff valve, the valve must be open when this machine is in use.

NOTICE



- Do not install this machine in locations where dust or powder is present. Failure or printing defects may result (e.g., nozzle clogging, deflection) if dust gets inside this machine.
- Do not install this machine in locations exposed to drafts (e.g., from air conditioning). Disregarding this precaution may result in dust or powder getting inside this machine.
- Do not install this machine in unstable locations or locations subject to vibration. This will increase the risk of failure or printing defects (e.g., nozzle clogging, deflection).
- Do not install this machine in locations exposed to direct sunlight.
- Do not install this machine in locations subject to sudden temperature changes. This will increase the risk of failure or printing defects (e.g., nozzle clogging, deflection).
- Do not install this machine in locations exposed to excessive noise from large machinery.
- Do not install this machine in locations where photographic fixing agents generate vapor or acid gas (e.g., acetic acid, hydrochloric acid) or locations filled with metal working fluids or highly volatile substances (e.g., amines, amine-modified alcohols). Malfunctions or printing defects may result (e.g., nozzle clogging, deflection) as print head ink is more likely to harden under such environments.



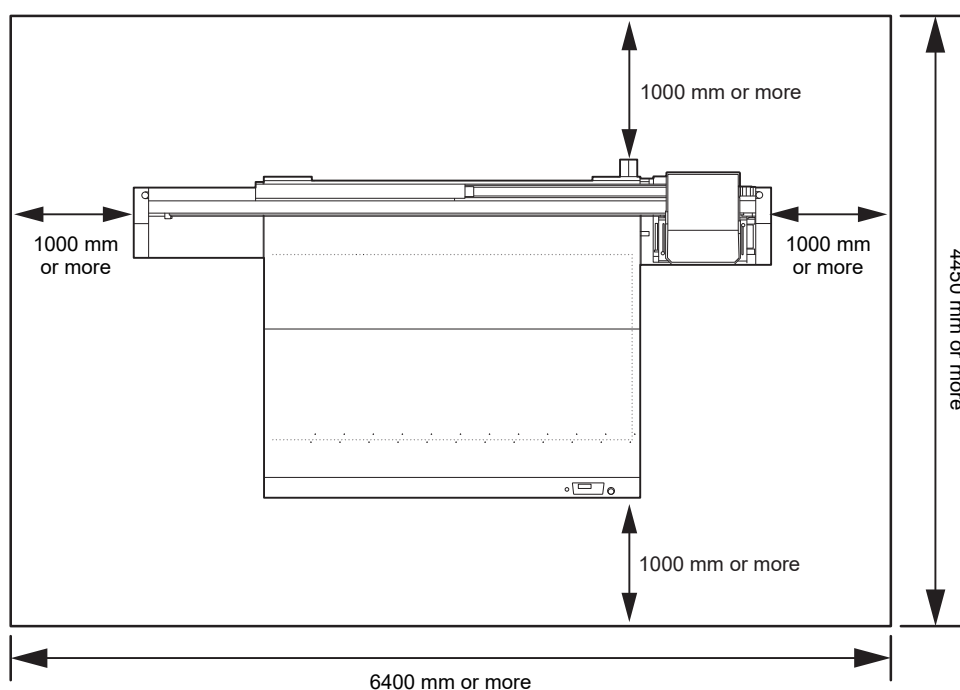
- Operating environment: 15 to 30 °C (59 to 86 °F), 35 to 65 %RH (no condensation)
- Temperature range in which accuracy is guaranteed: 18 to 25 °C (64.4 to 77 °F)

Installation Space

Provide the following space around the machine to allow safe and proper replacement of ink and media:

Item	JFX600-2531
Width ^{*1}	At least 6,400 mm (4,400 mm)
Depth ^{*1}	At least 4,450 mm (2,450 mm)
Height ^{*1}	(1,250 mm)
Weight	650 kg

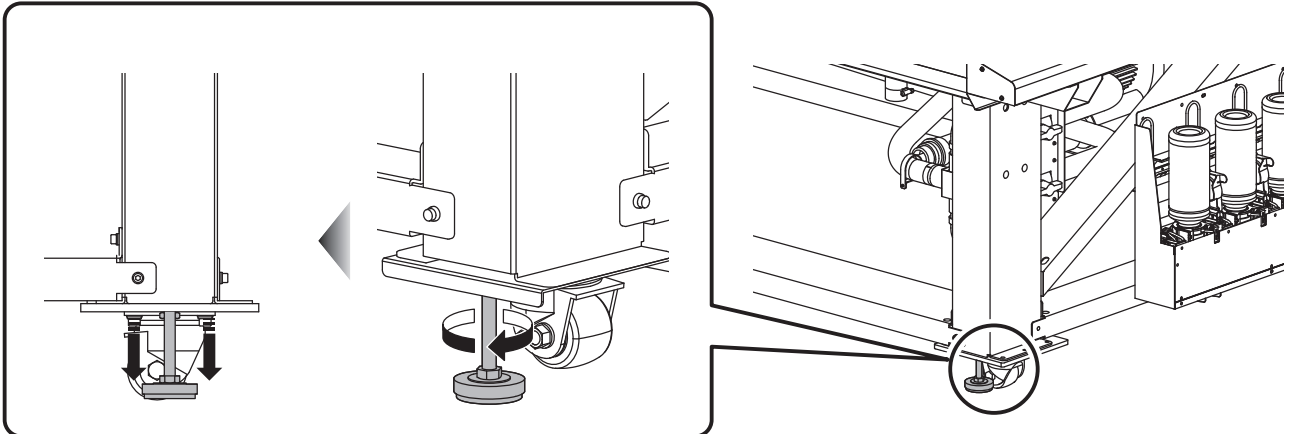
*1. The figures in parentheses indicate machine dimensions.



- If safety fences are used to restrict the area around the machine, install safety fences in accordance with the EN ISO 13857 standard.
- If the machine is installed in a dedicated room, a lock or safety interlock should be fitted to the room door, and a risk assessment should be conducted for the installation site before use.

Adjuster Feet

Before turning the machine on, ensure that the adjuster feet are firmly secured. If adjuster feet are loose, the machine may move during printing, resulting in injuries.



- The adjuster feet and floor plate are attached to the table (option).



- Do not remove the floor plate (made of resin, color: gray). The floor plate helps to evenly distribute the weight of the machine.

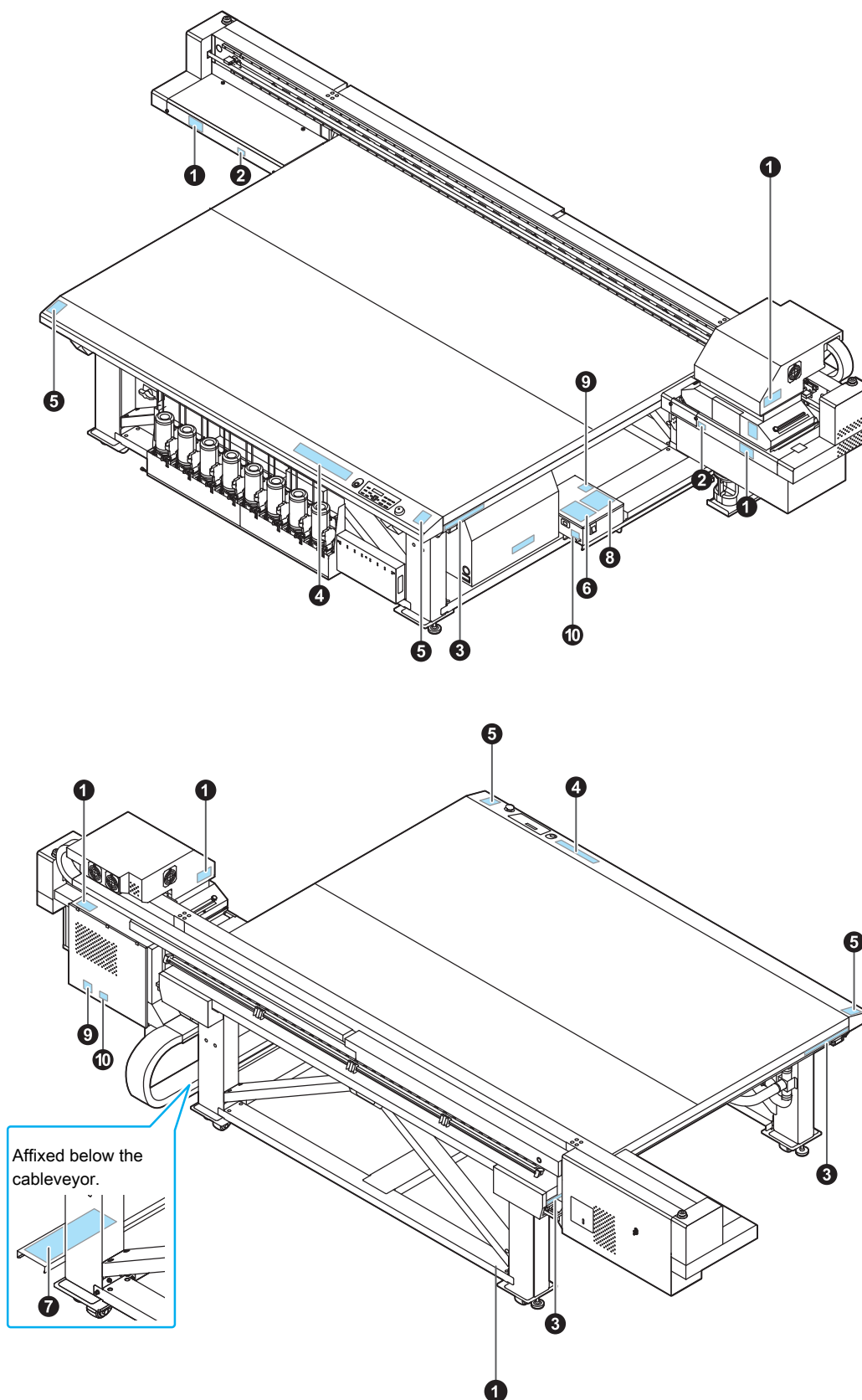
When Relocating This Machine

Contact your local dealer or our service office. Attempting to handle relocation yourself may result in failure or damage.

Warning Labels

Make sure you fully understand the details indicated on the various warning labels.

If any labels are dirty and illegible or peeling, obtain customer approval and replace them with new ones.



N o.	Order code	Label	Details
1	M909381		There are hazardous moving parts. Keep fingers and body away from the Y-bar and carriage, as there is a risk of serious injury (crushing or shearing) when they operate.
2	M903330		Ink or other liquids may splash and stick to the skin or get into the eyes. Wear protective glasses and gloves when working.
3	M906115		There are hazardous moving parts. Keep fingers and body away from the Y-bar and carriage, as there is a risk of serious injury (crushing or shearing) when they operate.
4	M902663		When the head is moving or in remote mode, there is a risk of injury from hitting the operating Y-bar. Keep hands and face away from the product.
5	M905980		The machine generates ultraviolet light. Be aware of UV light, as exposure can cause blindness and burns.
6	M917293		-

N o.	Order code	Label	Details				
7	M909385		Riding on top may deform the sheet metal and cause it to fall over. Do not ride on the deformed sheet metal as it may come into contact with it and cause injury.				
8	M903281	See SET UP GUIDE before connecting to the supply. 電源を接続する前に、必ず セットアップガイドを読むこと。 在接通电源之前请一定阅读安装说明书。	Be sure to read the Installation Guide before connecting the power supply. Improper connection may result in malfunction of the unit, electric shock, or fire.				
9	M907935		There is high voltage inside. Be careful not to touch the high-voltage parts, as there is a risk of electric shock.				
10	M905624	<table><tr><td>⚠ 警告 漏えい電流大 電源へ接続する前に 接地接続が必要</td><td>⚠ WARNING HIGH LEAKAGE CURRENT EARTH CONNECTION ESSENTIAL BEFORE CONNECTING SUPPLY</td></tr><tr><td>⚠ AVERTISSEMENT COURANT DE FUITE ELEVE CONNECTER LA MISE A LA TERRE AVANT DE CONNECTER L'ALIMENTATION</td><td>⚠ WARNUNG HOHER KRIECHSTROM BITTE ERDKABEL ANSCHLIESSEN BEVOR SIE STROMZUFUHR ANSCHLIESSEN</td></tr></table>	⚠ 警告 漏えい電流大 電源へ接続する前に 接地接続が必要	⚠ WARNING HIGH LEAKAGE CURRENT EARTH CONNECTION ESSENTIAL BEFORE CONNECTING SUPPLY	⚠ AVERTISSEMENT COURANT DE FUITE ELEVE CONNECTER LA MISE A LA TERRE AVANT DE CONNECTER L'ALIMENTATION	⚠ WARNUNG HOHER KRIECHSTROM BITTE ERDKABEL ANSCHLIESSEN BEVOR SIE STROMZUFUHR ANSCHLIESSEN	The machine has a large leakage current, which may cause an electric shock hazard. Be sure to make a ground connection before connecting to the power supply. ([PROTECTIVE CONDUCTOR CURRENT] = 20.83 mA.)
⚠ 警告 漏えい電流大 電源へ接続する前に 接地接続が必要	⚠ WARNING HIGH LEAKAGE CURRENT EARTH CONNECTION ESSENTIAL BEFORE CONNECTING SUPPLY						
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11	M917898	<table><tr><td>⚠ CAUTION There are more than one disconnections. Make sure that all switches are disconnected before access. There will be an electric shock if any of the switches are not disconnected</td></tr><tr><td>⚠ ATTENTION Il y a plus d' une deconnexion. S' assurer que tous les commutateurs sont deconnectes avant d' acceder. Il y a risque de choc electrique si l' un des commutatenrs n' est pas deconnecte.</td></tr><tr><td>⚠ 警告 本装置には複数の入力電源があります。 電装BOXを開ける場合は、必ず全てのスイッチを切り、 電源遮断装置（ブレーカ等）で全ての供給電源遮断を行うこと。 感電や火災につながるおそれがあります。</td></tr></table>	⚠ CAUTION There are more than one disconnections. Make sure that all switches are disconnected before access. There will be an electric shock if any of the switches are not disconnected	⚠ ATTENTION Il y a plus d' une deconnexion. S' assurer que tous les commutateurs sont deconnectes avant d' acceder. Il y a risque de choc electrique si l' un des commutatenrs n' est pas deconnecte.	⚠ 警告 本装置には複数の入力電源があります。 電装BOXを開ける場合は、必ず全てのスイッチを切り、 電源遮断装置（ブレーカ等）で全ての供給電源遮断を行うこと。 感電や火災につながるおそれがあります。	There is more than one power supply switch. Turn off all three switches when turning off the power to prevent the risk of electric shock.	
⚠ CAUTION There are more than one disconnections. Make sure that all switches are disconnected before access. There will be an electric shock if any of the switches are not disconnected							
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N o.	Order code	Label	Details
12	M917420	RISK GROUP 3 • WARNING UV emitted from this product. • Avoid eye and skin exposure to unshielded product. GROUPE DE RISQUE 3 • AVERTISSEMENT : UV emis par ce produit. • Eviter l' exposition des yeux et de la peau a un produit non blinde.	The machine generates ultraviolet light. (Risk Group 3) Avoid exposure to UV light, as UV exposure to the skin and eyes may cause irritation.



- Use the machine with a power supply that meets specifications.
- Be sure to plug the power cable into a power outlet close to the machine. Insert the power plug blade securely.
- When connecting the power cable, check the input voltage of the power outlet and the capacity of the breaker. Also, connect each cable to a separate power source with an independent breaker. Connecting to power outlets linked with the same breaker will cause the breaker to trip.



- Always connect the machine to a switchboard with grounded polarity. Otherwise there is a risk of failure, electric shock, or fire. All electrical work (Class C grounding work; formerly Type 3 grounding work) must be handled by a licensed electrician.

Agreement Confirmation Form

Customer's copy

Agreement Confirmation Form

I hereby confirm that I have received appropriate safety training from the Mimaki Engineering service engineer or dealer in accordance with "Safety Precautions" in the machine manual. I also confirm that the machine will be operated by persons who have received safety training or persons who have received safety training from them.

Machine: JFX600-2531

Date of training: _____

Person receiving safety training

Name _____

Company _____

Person providing safety training

Name _____

Company _____

Signature (person receiving training)

Signature (person providing training)

Date of training:

Tear here

Tear here

Manufacturer's copy

Agreement Confirmation Form

I hereby confirm that I have received appropriate safety training from the Mimaki Engineering service engineer or dealer in accordance with "Safety Precautions" in the machine manual. I also confirm that the machine will be operated by persons who have received safety training or persons who have received safety training from them.

Machine: JFX600-2531

Date of training: _____

Person receiving safety training

Name _____

Company _____

Person providing safety training

Name _____

Company _____

Agreement Confirmation Form

Customer's copy

Agreement Confirmation Form

I hereby confirm that there are no issues with print quality at the time of machine installation.

Machine: JFX600-2531

Serial number _____

Date _____

Customer

Service engineer

Name _____

Name _____

Company _____

Company _____

Signature (customer)

Signature (service engineer)

Date

Tear here

Tear here

Manufacturer's copy

Agreement Confirmation Form

I hereby confirm that there are no issues with print quality at the time of machine installation.

Machine: JFX600-2531

Serial number _____

Date _____

Customer

Service engineer

Name _____

Name _____

Company _____

Company _____

Safety precautions

November, 2024

MIMAKI ENGINEERING CO.,LTD.

2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN

D203834-11-28112025

