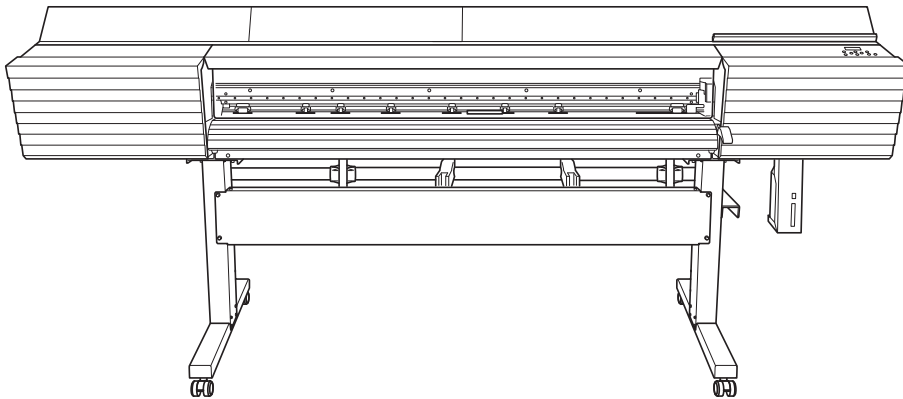


# TrueVIS

## VG2-640 VG2-540 Setup Guide



**This machine has a built-in inductive reading/writing communication device that uses radio waves (an RFID device).**

- RFID is used to read the information inscribed on the ink pouches (or cartridges).
- If you use a pacemaker or other implanted medical equipment, do not approach this machine.
- Do not use this machine within hospitals.

- 
- Thank you very much for purchasing this product.
  - To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this manual completely and store it in a safe location.
  - Unauthorized copying or transferal, in whole or in part, of this manual is prohibited.
  - The specifications of this product and the contents of this operation manual are subject to change without notice.
  - The operation manual and the product have been prepared and tested as much as possible. If you find any misprints or errors, please inform us.
  - Roland DG Corporation assumes no responsibility for any direct or indirect loss or damage that may occur through use of this product, regardless of any failure to perform on the part of this product.
  - Roland DG Corporation assumes no responsibility for any direct or indirect loss or damage that may occur with respect to any article made using this product.
- 

Roland DG Corporation



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## Important notes on Bluetooth communication

---

- This machine supports the operation application, which is an application for mobile terminals. When using the operation application, set this machine's Bluetooth communication to "ENABLE." However, when you are operating this machine from its operation panel, you cannot perform operations from the operation application.
- With Bluetooth wireless technology, it is possible to establish a connection between devices separated by approximately 10 m (32.8 ft.). However, the valid range of the connection may vary depending on the presence of obstacles (such as people, metal, and walls) and the status of the radio waves.
- The communication status of the Bluetooth connection may become unstable if:
  - A wireless LAN is in place in the location.
  - The devices are in the vicinity of a microwave that is in use.
  - Other electromagnetic waves are generated in the location.
- Bluetooth communication uses the same frequency band (2.4 GHz) as wireless LAN (IEEE802.11b/g). If the devices are used in the vicinity of equipment in which a wireless LAN unit is installed, the connection status may become unstable due to the occurrence of radio-frequency interference. In this situation, carry out the following countermeasures.
  - When using Bluetooth communication to connect the printer and the mobile terminal, do so at a distance of 10 m (32.8 ft.) or more away from the equipment in which a wireless LAN unit is installed.
  - Bring the mobile terminal and the printer as close together as possible.
  - If using Bluetooth communication within 10 m (32.8 ft.) of the equipment in which a wireless LAN unit is installed, turn off the wireless LAN unit.
- The radio waves generated by Bluetooth communication may have an effect on the operation of electronic medical equipment and similar devices. This may lead to accidents, so turn off Bluetooth communication in the following locations.
  - The vicinity of in-use hearing aids and pacemakers
  - Hospitals
  - The vicinity of automatic doors and fire alarms
- Using Bluetooth communication in the vicinity of TVs or radios may lead to noise in the image or audio.
- Roland DG Corporation accepts no responsibility for the leakage of information during a connection using Bluetooth technology.
- The mobile terminal that you are using to connect to the printer must comply with Bluetooth standards determined by the Bluetooth SIG and must be a certified device.
- Even if the mobile terminal complies with the Bluetooth standards outlined above, phenomena may occur due to the characteristics and specifications of the device. Examples of these phenomena include the inability to connect to the printer and the operation methods, display, and operations being different.
- Depending on the mobile terminal that you are connecting to the printer, it may take some time until the Bluetooth connection can be established.
- While the Bluetooth connection is established, do not cover the mobile terminal with your hand or anything else. Doing so may hinder the Bluetooth connection.

# Contents

Contents .....	1
To Ensure Safe Use .....	5
Pour utiliser en toute sécurité .....	11
<b>1. Introduction .....</b>	<b>17</b>
1. Checks before Installation .....	18
About the User's Manuals for This Machine .....	18
About Placement and Installation Work .....	19
Deciding On an Installation Site .....	19
Temperature and Humidity .....	20
Installation Space .....	20
2. Checking Included Items .....	21
<b>2. Installation .....</b>	<b>23</b>
1. Assembly and Ink Filling .....	24
Checks before Operations .....	24
Step 1: Assembling the Stand .....	25
Step 2: Assembling the Printer Unit and the Stand .....	28
Step 3: Installing the Media Holders and Media Stays .....	32
Step 4: Installing the Drain Bottle .....	39
Step 5: Removing the Retainers .....	41
Step 6: Adjusting the Ink Tube and Affixing a Label .....	42
Step 7: Connecting the Cables .....	43
Step 8: Preparing the Ink and the TR2 Cleaning Liquid .....	44
Step 9: Initial Settings and Ink Filling .....	46
Step 10: Adjustment of Media Holder Adjuster .....	51
2. Installing the Cutting Tool .....	52
Step 1: Assembling the Cutting Tool .....	52
Step 2: Installing the Cutting Tool .....	53
3. Network Settings .....	55
Step 1: Make the Network Settings for the Computer .....	55
Step 2: Make the Network Settings on the Printer .....	58
Step 3: Make the Port Settings for the Software RIP .....	60
<b>3. Appendix .....</b>	<b>61</b>
Location of the Power Rating and Serial Number Label .....	62
Specifications .....	63

**This document is the setup guide for the VG2-640/540. This document uses the following notations to distinguish between the models where necessary.**

**VG2-640 — 64-inch model**

**VG2-540 — 54-inch model**

**Most of the figures in this document depict the VG2-640.**

**Company names and product names are trademarks or registered trademarks of their respective holders.**

## For the USA and Canada

### FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This device complies with Part 15 of FCC Rules and Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

-----

Le présent appareil est conforme à la partie 15 des règles de la FCC et aux normes des CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that is deemed to comply without maximum permissive exposure evaluation (MPE).

-----

Cet équipement est conforme aux limites d'exposition aux rayonnements énoncées pour un environnement non contrôlé et respecte les règles des radioélectriques (RF) de la FCC lignes directrices d'exposition et d'exposition aux fréquences radioélectriques (RF) CNR-102 de l'IC. Cet équipement émet une énergie RF très faible qui est considérée comme conforme sans évaluation de l'exposition maximale autorisée (MPE).

This product contains the eT-Kernel RTOS-based software platform of eSOL Co.,Ltd..

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**For the USA**

**FEDERAL COMMUNICATIONS COMMISSION  
RADIO FREQUENCY INTERFERENCE  
STATEMENT**

Responsible Party : Roland DGA Corporation  
Address : 15363 Barranca Parkway Irvine, CA 92618 U.S.A.  
Telephone : 949-727-2100  
Type of Equipment :Printer  
Model Name :VG2-640, VG2-540

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC CAUTION**

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Use only I/O cables that have been designed and manufactured specifically for this device.

**For Canada**

CAN ICES-3 (A)/NMB-3(A)

**For California**



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**For EU Countries**

**WARNING**

Operation of this equipment in a residential environment could cause radio interference.

**For EU Countries**



Manufacturer:

ROLAND DG CORPORATION

1-6-4 Shinmiyakoda, Kita-ku, Hamamatsu-shi, Shizuoka-ken,  
431-2103 JAPAN

The importer in the EU:

Roland DG Europe Holdings B.V.

Prof. J.H. Bavincklaan 2, 1183 AT, Amstelveen, The Netherlands

**NOTICE**  
**Grounding Instructions**

- In the event of a malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This tool is equipped with an electric cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into a matching outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Do not modify the plug provided - if it will not fit the outlet, have the proper outlet installed by a qualified electrician.
- Improper connection of the equipment-grounding conductor can result in a risk of electric shock. The conductor with insulation having an outer surface that is green with or without yellow stripes is the equipment-grounding conductor. If repair or replacement of the electric cord or plug is necessary, do not connect the equipment-grounding conductor to a live terminal.
- Check with a qualified electrician or service personnel if the grounding instructions are not completely understood, or if in doubt as to whether the tool is properly grounded.
- Use only 3-wire extension cords that have 3-prong grounding plugs and 3-pole receptacles that accept the tool's plug.
- Repair or replace damaged or worn cord immediately.


## For China

### 产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板	×	○	×	○	○	○
头部	×	○	○	○	○	○
壳体、底架	×	○	○	○	○	○
电源	×	○	×	○	○	○
其他(电缆、附件等)	×	○	○	○	○	○












○：表示该有毒有害物质在该部件所有均质材料中的含量均在 GB/T26572-2011 标准规定的限量要求以下。  
 ×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 GB/T26572-2011 标准规定的限量要求。

### 环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在自制造日起的规定期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。



## For EU countries

 <p>This product must be disposed of separately at your local waste recycling center. Do not dispose of in household waste bin.</p>	 <p>Lever dit product in bij een lokaal afvalverzamelpunt. NIET met normaal huishoudelijk afval afvoeren.</p>
 <p>Bitte führen Sie dieses Produkt separat Ihrer örtlichen Entsorgungsstelle zu. Bitte nicht mit dem normalen Hausmüll entsorgen.</p>	 <p>Dette Produkt skal smides særskilt væk på den lokale affalds- og genbrugsstation. Må ikke smides ud sammen med almindeligt husholdningsaffald.</p>
 <p>Ne jetez pas le produit avec vos ordures ménagères. Portez-le dans un centre recyclage des déchets.</p>	 <p>Tätä tuotetta ei saa hävittää normaalien talousjätteiden mukana, vaan se on toimitettava ongelmajätteiden keräilypisteeseen hävitettäväksi.</p>
 <p>Questo prodotto deve essere smaltito negli appositi contenitori per la raccolta differenziata, non buttare nel cestino dei rifiuti casalinghi.</p>	 <p>Produkten måste kasseras separat på din lokala återvinningscentral. Släng inte produkten tillsammans med hushållssoporna.</p>
 <p>Este producto debe devolverse al centro de reciclaje más cercano a su domicilio para su correcta eliminación. No lo tire a la basura.</p>	 <p>Μην πετάξετε το αντικείμενο αυτό στο καλάθι των απορριμμάτων. Αφαιρέστε τις μπαταρίες και προσκομίστε το στο τοπικό κέντρο ανακύκλωσης.</p>
 <p>Deite fora separadamente este produto no seu centro de reciclagem local. Não o deite fora no seu caixote do lixo.</p>	




# To Ensure Safe Use

Improper handling or operation of this machine may result in injury or damage to property. Points that must be observed to prevent such injury or damage are described as follows.

## About ⚠️ WARNING and ⚠️ CAUTION Notices

 <b>WARNING</b>	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
 <b>CAUTION</b>	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly.  *Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings as well as to domestic animals or pets.

## About the Symbols

	The ⚠️ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the ⚠️ symbol. The symbol at left means "danger of electrical shock."
	The ⓧ symbol alerts the user to items that must never be carried out (are forbidden). The specific meaning of the symbol is determined by the design contained within the ⓧ symbol. The symbol at left means the unit must never be disassembled.
	The ● symbol alerts the user to things that must be carried out. The specific meaning of the symbol is determined by the design contained within the ● symbol. The symbol at left means the power-cord plug must be unplugged from the outlet.

 **This is a heavy machine.**

 **WARNING**



**Install the machine in a location that is level, stable, and able to bear the weight of the machine after checking the weight of the machine in the operation manual on the installation of the machine.**

Installation in an unsuitable location may cause a major accident, including tip over, fall, or collapse.



**Unloading and emplacement are operations that must be performed by the specified number of the workers or more as referring to the operation manual on the installation of the machine.**

Tasks that require undue effort when performed by a small number of persons may result in physical injury. Also, if dropped, such items may cause injury.



**Be sure to lock the stand's casters.**

If the machine should begin to topple, a major accident may result, including crushing of the parts of your body.

 **WARNING**



**When storing roll media, implement adequate safety measures to ensure that the stored media will not roll, fall, or topple over.**

Danger exists of becoming pinned under the media and suffering serious injury.



**Handling roll media is an operation that must be performed by two persons or more, and care must be taken to prevent falls.**

Attempting manual lifting of heavy media that taxes your strength may cause physical injury. Also, if dropped, such items may cause injury.



**Be sure to use the adjuster to secure the stand in place (in case the stand is equipped with an adjuster). Ensure that the adjuster is not loose.**

If the machine should begin to topple, a major accident may result, including crushing of the parts of your body.

 **Incorrect operation may cause injury**

 **WARNING**



**Be sure to follow the operation procedures described in the user's manual. Never allow anyone unfamiliar with the usage or handling of the machine to touch it.**

Incorrect usage or handling may lead to an accident.



**Keep children away from the machine.**

The machine includes areas and components that pose a hazard to children and may result in injury, blindness, choking, or other serious accident.



**Never operate the machine while tired or after ingesting alcohol or any medication.**

Operation requires unimpaired judgment. Operating with impaired judgment may result in an accident.



**Always unplug the power cord when attaching or removing parts and optional parts and when performing cleaning or maintenance that does not require the machine to be connected to a power source.**

Attempting such operations while the machine is connected to a power source may result in injury or electrical shock.



**Never attempt to disassemble, repair, or modify the machine.**

Doing so may result in fire, electrical shock, or injury. Entrust repairs to a trained service technician.

 **CAUTION**



**Exercise caution to avoid being pinched or becoming caught.**

Inadvertent contact with certain areas may cause the hand or fingers to be pinched or become caught. Use care when performing operations.



**Never attempt operation while wearing a necktie, necklace, loose clothing, or gloves. Bind long hair securely.**

Such items may become caught in the machine, resulting in injury.



**Conduct operations in a clean, brightly lit location.**

Working in a location that is dark or cluttered may lead to an accident, such as becoming caught in the machine as the result of an inadvertent stumble.



**Never climb or lean on the machine.**

The machine is not made to support a person. Climbing or leaning on the machine may dislodge components and cause a slip or fall, resulting in injury.



**Caution: cutting tool.**

This machine has a cutting tool. To avoid injury, handle the tool with care.



**Caution: sharp components.**

This machine contains areas that are sharp. To avoid injury, exercise caution.

 **Danger of electrical short, electrical shock, or fire**

 **WARNING**



**Connect to an electrical outlet that complies with this machine's ratings (for voltage, frequency, and current).**

Incorrect voltage or insufficient current may cause fire or electrical shock.



**Never use outside or in any location where exposure to water or high humidity may occur. Do not touch the power cord, plug, or electrical outlet with wet hands.**

Doing so may result in fire or electrical shock.



**Never allow any foreign object to get inside. Never expose the machine to liquid spills.**

Inserting objects such as coins or matches or allowing beverages to be spilled into the ventilation ports may result in fire or electrical shock. If anything gets inside, immediately disconnect the power cord and contact your authorized Roland DG Corporation dealer.



**Never place any flammable object nearby. Never use a combustible aerosol spray nearby. Never use in any location where gases can accumulate.**

Combustion or explosion could occur.



**Handle the power cord, plug, and electrical outlet correctly and with care. Never use any article that is damaged.**

Using a damaged article may result in fire or electrical shock.



**When using an extension cord or power strip, use one that adequately satisfies the machine's ratings (for voltage, frequency, and current).**

Use of multiple electrical loads on a single electrical outlet or of a lengthy extension cord may cause fire.



**Connect to ground.**

This can prevent fire or electrical shock due to current leakage in the event of malfunction.

 **WARNING**



**Position so that the power plug is within immediate reach at all times.**

This is to enable quick disconnection of the power plug in the event of an emergency. Install the machine next to an electrical outlet. Also, provide enough empty space to allow immediate access to the electrical outlet.



**If sparks, smoke, burning odors, unusual sounds, or abnormal operation occur, immediately unplug the power cord. Never use if any component is damaged.**

Continuing to use the machine may result in fire, electrical shock, or injury. Contact your authorized Roland DG Corporation dealer.



**Do not use the supplied power cord for other products.**



**Never use the machine for any purpose for which it is not intended, or use the machine in an excessive manner that exceeds its capacity.**

Doing so may result in injury or fire.



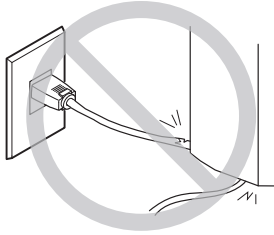
**For accessories (optional and consumable items, power cord, and the like), use only genuine articles compatible with this machine.**

Incompatible items may lead to an accident.

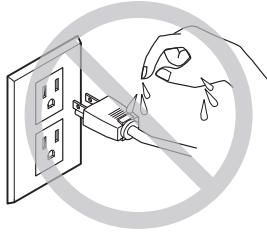
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 **Important notes about the power cord, plug, and electrical outlet**

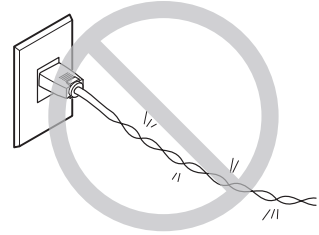
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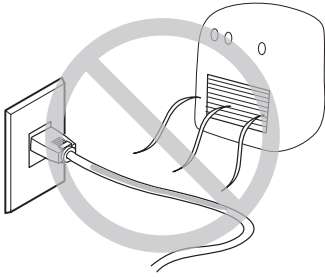
**Never place any object on top or subject to damage.**



**Never allow to get wet.**



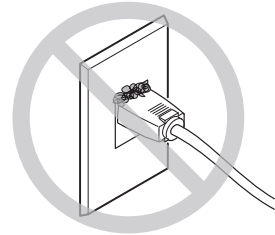
**Never bend or twist with excessive force.**



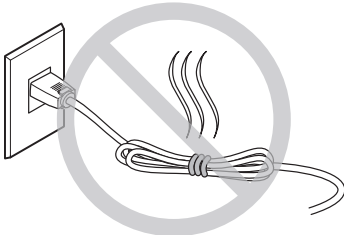
**Never make hot.**



**Never pull with excessive force.**



**Dust may cause fire.**



**Never bundle, bind, or roll up.**

---

 **Danger of fire, burns, or toxic gas emissions**

---

 **WARNING**



**Caution: High Temperature**  
Areas such as the dryer become hot.  
Exercise caution to avoid burns.



**When output is not being performed, remove any loaded media or switch off the sub power.**  
The continued application of heat at a single location may cause fire or produce toxic gases.

 **WARNING**



**Never use media that cannot withstand heat.**  
Doing so may degrade the media, or may result in fire or the release of toxic gases.

---

 **Ink, cleaning liquid, and discharged fluid are flammable and toxic.**

---

 **WARNING**



**Keep open flame away from the work area.**  
Ink and discharged fluid are flammable.



**Never store ink, cleaning liquid, or discharged fluid in any of the following locations.**

- Any location exposed to open flame
- Any location where high temperature may occur
- Near bleach or any other such oxidizing agent or explosive material
- Any location within the reach of children

Fire may be a danger. Accidental ingestion by children may pose a health hazard.



**Never place an ink container (such as a cartridge or pouch) in fire.**

Ink may flow out, catch fire, and spread fire to other nearby objects.



**Never drink or sniff ink, cleaning liquid, or discharged fluid, or allow them to come in contact with the eyes or skin.**

Doing so may be hazardous to your health.

 **CAUTION**



**Ensure adequate ventilation for the work area.**

Failing to perform ventilation may result in a health hazard or danger of combustion due to ink fumes.



**Never allow an ink container (such as a cartridge or pouch) to be subjected to impact, and never attempt to disassemble.**

Ink may leak.

---

 **In the event of ingestion or physical distress**

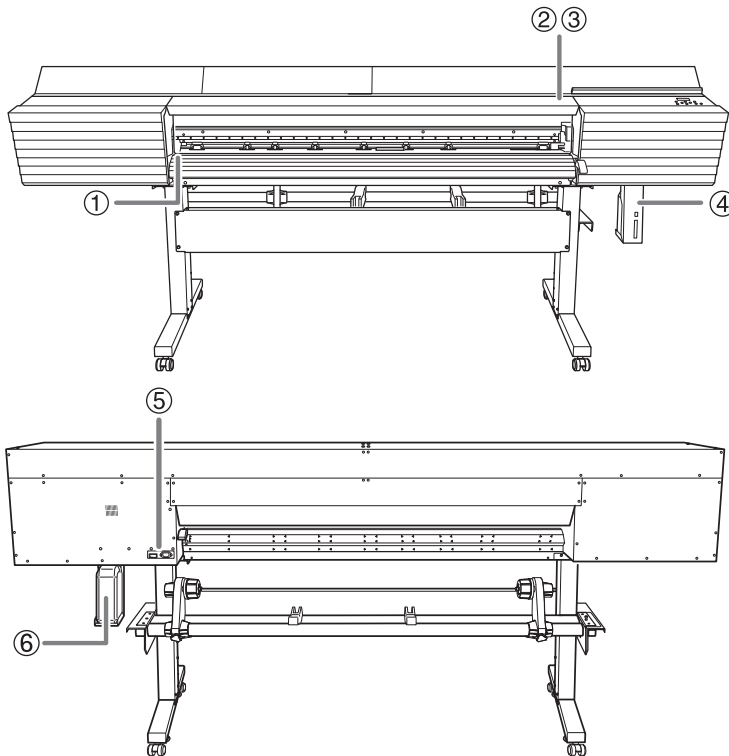
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- In the event of contact with the eyes, immediately flush with water for at least 15 minutes. If eye irritation continues, seek treatment by a physician.
- In the event of contact with skin, immediately wash with soap. If irritation or inflammation occurs, seek treatment by a physician.
- In the event of ingestion, do not induce vomiting, and immediately seek treatment by a physician. Forcibly inducing vomiting may lead to danger of choking.
- If odor leads to physical distress, move to a well-ventilated location and rest quietly. If dizziness or nausea persists, seek treatment by a physician.

\* Refer to the appropriate safety data sheet (SDS) for the chemical substances used in the ink and the safety related to those substances.

## ⚠ Warning Labels

Warning labels are affixed to the machine to make areas of danger immediately clear. The meanings of these labels are indicated below. Be sure to heed their warnings. Also, never remove the labels or allow them to become dirty.





①		<p><b>Caution: High Temperature</b> The platen and dryer become hot. Exercise caution to avoid burns.</p>
②		<p><b>Caution: Pinching Hazard</b> Be careful not to allow the fingers to become pinched when closing covers.</p>
③		<p><b>Caution: Moving Print Heads</b> The print heads inside the cover move at high speed and pose a hazard. Never insert your hands or fingers into the gap.</p>
④		<p><b>Ink, cleaning fluid, and discharged fluid are flammable and toxic.</b> If these fluids come into contact with the eyes or skin, it may be hazardous to the health. When performing maintenance work, for example when disposing of discharged fluid, wear protective eyewear and protective gloves (refer to the safety data sheet [SDS]).</p>
⑤		<p><b>Caution: High Voltage</b> Removing the cover may result in high-voltage electric shock.</p>
⑥		<p><b>Flammable</b> Ink and discharged fluid are flammable. Keep away from open flame.</p>






# Pour utiliser en toute sécurité

La manipulation ou l'utilisation inadéquate de cet appareil peuvent causer des blessures ou des dommages matériels. Les précautions à prendre pour prévenir les blessures ou les dommages sont décrites ci-dessous.

## À propos des avis ⚠ ATTENTION et ⚠ PRUDENCE

 <b>ATTENTION</b>	Utilisé pour avertir l'utilisateur d'un risque de décès ou de blessure grave en cas de mauvaise utilisation de l'appareil.
 <b>PRUDENCE</b>	Utilisé pour avertir l'utilisateur d'un risque de blessure ou de dommage matériel en cas de mauvaise utilisation de l'appareil.  * Par dommage matériel, il est entendu dommage ou tout autre effet indésirable sur la maison, tous les meubles et même les animaux domestiques.

## À propos des symboles

	Le symbole ⚠ attire l'attention de l'utilisateur sur les instructions importantes ou les avertissements. Le sens précis du symbole est déterminé par le dessin à l'intérieur du symbole ⚠. Le symbole à gauche signifie « danger d'électrocution ».
	Le symbole ⓧ avertit l'utilisateur de ce qu'il ne doit pas faire (ce qui est interdit). Le sens précis du symbole est déterminé par le dessin à l'intérieur du symbole ⓧ. Le symbole à gauche signifie que l'appareil ne doit jamais être démonté.
	Le symbole ● prévient l'utilisateur sur ce qu'il doit faire. Le sens précis du symbole est déterminé par le dessin à l'intérieur du symbole ●. Le symbole à gauche signifie que le fil électrique doit être débranché de la prise.

 **Cet appareil est lourd.**

 **ATTENTION**



Installer l'appareil à un endroit stable et plat et capable de supporter son poids après avoir vérifié le poids de l'appareil indiqué dans le manuel d'installation de cette machine. Installer l'appareil à un endroit inapproprié peut provoquer un accident grave comme le renversement, la chute ou l'effondrement.



**Le déchargement et la mise en place doivent être exécutés par un nombre spécifique de travailleurs ou plus, comme il est indiqué dans le mode d'emploi au moment de l'installation de l'appareil.** Les tâches qui exigent un effort trop grand si elles sont exécutées par un petit nombre de personnes peuvent être cause de blessures. La chute d'articles très lourds peut aussi causer des blessures.



**S'assurer de verrouiller les roulettes de la base.** Si éventuellement l'appareil commencerait à basculer, il pourrait provoquer un accident important, notamment écraser des parties de votre corps.

 **ATTENTION**



Lors de l'entreposage du support en rouleau, prendre les mesures de sécurité adéquates pour s'assurer que le rouleau ne roulera pas, ne tombera et ne basculera pas. Il y a un danger de rester coincer sous le support et de subir des graves blessures.



**La manutention du support en rouleau doit être faite par deux personnes ou plus et il faut prendre des précautions pour éviter les chutes.** Tenter de soulever manuellement des objets trop lourds peut causer des blessures. La chute d'articles très lourds peut aussi causer des blessures.



**S'assurer d'utiliser le dispositif de réglage pour fixer solidement la base en position (si la base est munie d'un dispositif de réglage). Vérifier que le dispositif de réglage est bien serré.** Si éventuellement l'appareil commencerait à basculer, il pourrait provoquer un accident important, notamment écraser des parties de votre corps.

 **Une utilisation incorrecte peut causer des blessures**

 **ATTENTION**



**S'assurer de suivre les procédures d'utilisation décrites dans le manuel utilisateur. Ne jamais permettre à quiconque ne connaissant pas le fonctionnement ou la manutention de l'appareil de le toucher.** L'utilisation ou la manutention incorrectes peuvent causer un accident.



**Garder les enfants loin de l'appareil.** L'appareil comporte des zones et des composants qui présentent un danger pour les enfants et qui pourraient causer des blessures, la cécité, la suffocation ou d'autres accidents graves.



**Ne jamais faire fonctionner l'appareil après avoir consommé de l'alcool ou des médicaments, ou dans un état de fatigue.** L'utilisation de l'appareil exige un jugement sans faille. L'utilisation avec les facultés affaiblies pourrait entraîner un accident.



**Toujours débrancher le câble d'alimentation lors de la fixation ou du retrait de pièces et de pièces en option et du nettoyage ou des travaux d'entretien qui n'exigent pas un branchement de l'appareil à une source d'alimentation.** Tenter ces opérations pendant que l'appareil est branché à une source d'alimentation peut causer des blessures ou un choc électrique.



**Ne jamais tenter de démonter, de réparer ou de modifier l'appareil.** Le non-respect de cette consigne risque de provoquer un incendie, un choc électrique ou des blessures. Confier les réparations à un technicien ayant la formation requise.

 **PRUDENCE**



**Faire preuve de prudence pour éviter l'écrasement ou le coincement.**

La main ou les doigts peuvent être écrasés ou coincés s'ils entrent en contact avec certaines surfaces par inadvertance. Faire preuve de prudence pendant l'utilisation de l'appareil.



**Ne jamais faire fonctionner l'appareil si on porte une cravate, un collier ou des vêtements amples. Bien attacher les cheveux longs.** Ces vêtements ou ces objets peuvent être coincés dans l'appareil, ce qui causerait des blessures.



**Utiliser l'appareil dans un endroit propre et bien éclairé.**

Travailler dans un endroit sombre ou encombré peut causer un accident ; l'utilisateur risque, par exemple, de trébucher malencontreusement et d'être coincé par une partie de l'appareil.



**Ne jamais grimper ni s'appuyer sur la machine.**

La machine n'est pas conçue pour supporter le poids d'une personne. Grimper ou s'appuyer sur la machine peut déplacer des éléments et causer un faux pas ou une chute, ce qui causerait des blessures.



**Prudence : outil de coupe.**

Cet appareil contient un outil interne. Pour éviter les blessures, manipuler l'outil avec soin.



**Prudence : composants acérés.**

Certaines parties de cet appareil sont acérées. Faire preuve de prudence pour éviter les blessures.

## Risque de décharge ou de choc électrique, d'électrocution ou d'incendie

### ATTENTION



**Brancher à une prise électrique conforme aux caractéristiques de cet appareil (tension, fréquence et courant).**  
Une tension incorrecte ou un courant insuffisant peuvent causer un incendie ou un choc électrique.



**Ne jamais utiliser à l'extérieur ni à un endroit où l'appareil risque d'être exposé à de l'eau ou à une humidité élevée. Ne pas toucher le câble d'alimentation, la fiche ou la prise électrique avec des mains mouillées.**  
Le non-respect de cette consigne risque de provoquer un incendie ou un choc électrique.



**Ne jamais insérer d'objet étranger dans l'appareil. Ne jamais exposer l'appareil aux déversements de liquides.**  
L'insertion d'objets comme des pièces de monnaie ou des allumettes ou le déversement de liquides dans les orifices de ventilation peuvent causer un incendie ou un choc électrique. Si un objet ou du liquide s'infiltré dans l'appareil, débrancher immédiatement le câble d'alimentation et communiquer avec le représentant Roland DG Corporation autorisé.



**Ne jamais placer d'objet inflammable à proximité de l'appareil. Ne jamais utiliser de produit inflammable en aérosol à proximité de l'appareil. Ne jamais utiliser l'appareil dans un endroit où des gaz peuvent s'accumuler.**  
Une combustion ou une explosion pourraient se produire.



**Manipuler le câble d'alimentation, la fiche et la prise électrique correctement et avec soin. Ne jamais utiliser un article endommagé.**  
Car cela pourrait causer un incendie ou un choc électrique.



**Si une rallonge ou une bande d'alimentation électrique sont utilisées, s'assurer qu'elles correspondent aux caractéristiques de l'appareil (tension, fréquence et courant).**  
L'utilisation de plusieurs charges électriques sur une prise unique ou une longue rallonge peut causer un incendie.



**Mise à la terre.**  
La mise à la terre peut prévenir un incendie ou un choc électrique dus à une fuite de courant en cas de défaillance.

### ATTENTION



**Placer l'appareil de façon à ce que la fiche soit facile d'accès en tout temps.**  
Ainsi, l'appareil pourra être débranché rapidement en cas d'urgence. Installer l'appareil près d'une prise électrique. En outre, prévoir suffisamment d'espace pour que la prise électrique soit facile d'accès.



**S'il se produit des étincelles, de la fumée, une odeur de brûlé, des bruits inhabituels ou un fonctionnement anormal, débrancher immédiatement le câble d'alimentation. Ne jamais utiliser si un composant est endommagé.**  
Continuer à utiliser l'appareil peut causer un incendie, un choc électrique ou des blessures. Communiquer avec le représentant Roland DG Corporation autorisé.



**Ne pas utiliser le cordon électrique fourni avec d'autres produits.**

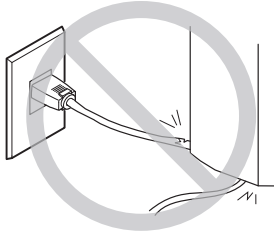


**Ne jamais utiliser l'appareil à des fins autres que celles pour lesquelles il est conçu. Ne jamais l'utiliser de manière abusive ou excessive.**  
Le non-respect de cette consigne peut causer des blessures ou un incendie.

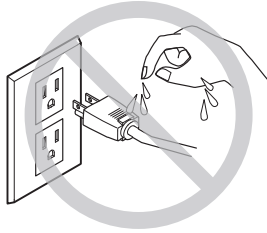


**Utiliser uniquement des accessoires d'origine (accessoires en option, articles consommables, câble d'alimentation et autres articles semblables), compatibles avec l'appareil.**  
Les articles incompatibles risquent de causer des accidents.

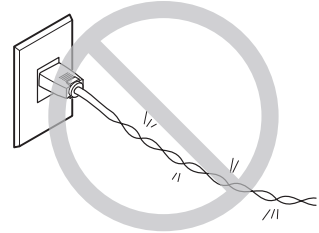
**⚠ Remarques importantes à propos du câble d'alimentation, de la fiche et de la prise électrique**



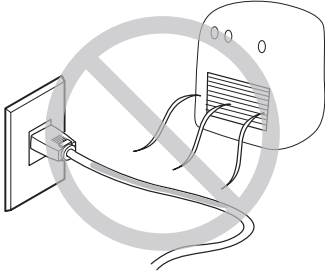
**Ne jamais déposer aucun objet dessus au risque de les endommager.**



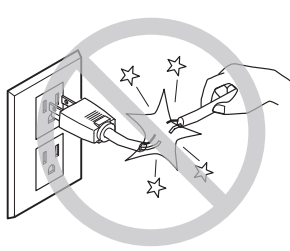
**Ne jamais laisser mouiller.**



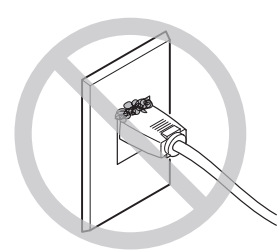
**Ne jamais plier ni tordre avec une force excessive.**



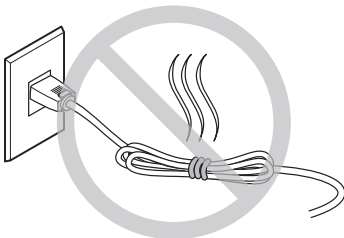
**Ne jamais chauffer.**



**Ne jamais tirer avec une force excessive.**



**La poussière peut provoquer un incendie.**



**Ne jamais plier ni enrouler.**

**⚠ Risque d'incendie, de brûlures ou d'émissions de gaz toxique**

**⚠ ATTENTION**



**Prudence : Température élevée**  
Les zones comme le sèche-linge chauffent. Faire preuve de prudence pour éviter les brûlures.



**Quand aucun travail n'est en cours, retirer tout support de l'appareil ou couper l'alimentation secondaire.**

L'application continue de chaleur sur un point unique peut provoquer un risque d'incendie ou émettre des gaz toxiques.

**⚠ ATTENTION**



**Ne jamais utiliser un support qui ne peut pas supporter la chaleur.**

L'utilisation d'un support qui ne supporte pas la chaleur peut détériorer le support, créer un risque d'incendie ou causer l'émission de gaz toxiques.

---

 **L'encre, les liquides nettoyants et les liquides usés sont inflammables et toxiques.**

---

 **ATTENTION**



**Ne pas approcher une flamme nue de l'espace de travail.**

L'encre et les liquides usés sont inflammables.



**Ne jamais entreposer d'encre, de liquide de nettoyage ou de liquides usés dans les endroits suivants :**

- un endroit exposé à une flamme nue ;
  - un endroit où il y a risque de température élevée ;
  - près d'eau de Javel, d'un autre agent d'oxydation ou de matériel explosif ;
  - tout endroit à la portée d'enfants ;
- Il y a risque d'incendie. L'ingestion accidentelle par des enfants peut présenter un risque pour la santé.



**Ne placez jamais un récipient d'encre (tel qu'une cartouche ou une poche) dans le feu.**

De l'encre pourrait couler, s'enflammer et le feu, se répandre à des objets proches.



**Ne jamais boire l'encre, le liquide de nettoyage ni les liquides usés, ne pas en respirer les vapeurs et ne pas laisser les produits entrer en contact avec les yeux ou la peau.**

Cela est dangereux pour la santé.

 **PRUDENCE**



**S'assurer que le lieu de travail est bien aéré.**


L'absence d'aération adéquate peut créer une situation dangereuse pour la santé ou un risque de combustion à cause des vapeurs qui émanent de l'encre.



**Ne jamais soumettre un réservoir d'encre (cartouche ou poche) aux impacts et ne jamais tenter de le démonter.**

De l'encre pourrait s'échapper.

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 **En cas d'ingestion ou de trouble physique**

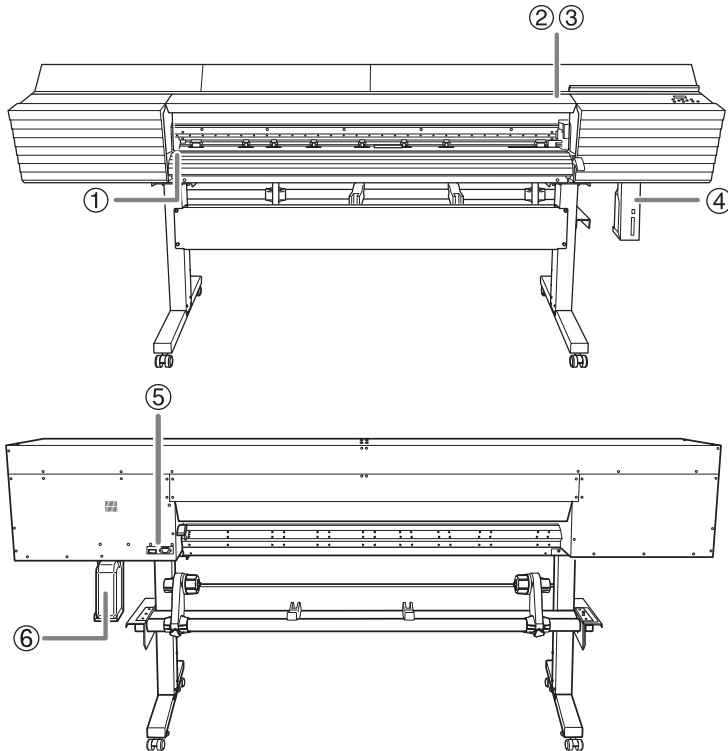
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- En cas de contact avec les yeux : rincer immédiatement et abondamment à l'eau courante pendant au moins 15 minutes. Si les yeux sont toujours irrités, consulter un médecin.
- En cas de contact avec la peau : laver immédiatement à l'eau et au savon. En cas d'irritation ou d'inflammation de la peau : consulter un médecin.
- En cas d'ingestion : ne pas provoquer le vomissement et demander immédiatement l'aide d'un médecin. Provoquer le vomissement peut créer un risque de suffocation.
- Si l'odeur cause un trouble physique, amener la personne dans un endroit bien aéré et la faire se reposer. Si l'étourdissement ou la nausée persistent, consulter un médecin.

\* Se reporter à la fiche signalétique (FS) pour toute information sur les produits chimiques contenus dans l'encre et les instructions de sécurité associées.

## ⚠ Vignettes d'avertissement

Des vignettes d'avertissement sont apposées pour qu'il soit facile de repérer les zones dangereuses. La signification des vignettes est donnée ci-dessous. Respecter les avertissements. Ne jamais retirer les vignettes et ne pas les laisser s'encrasser.



①		<p><b>Prudence : Température élevée</b> La platine et le sécheur deviennent chauds. Faire preuve de prudence pour éviter les brûlures.</p>
②		<p><b>Prudence : Risque de pincement</b> Veillez à ce que les doigts ne se pincent pas lors de la fermeture des couvercles.</p>
③		<p><b>Prudence : Têtes d'impression mobiles</b> Les têtes d'impression à l'intérieur du couvercle se déplacent à grande vitesse et constituent un danger. N'insérez jamais vos mains ou vos doigts dans l'espace.</p>
④		<p><b>L'encre, les liquides nettoyants et les liquides usés sont inflammables et toxiques.</b> Si ces liquides entrent en contact avec les yeux ou la peau, ils peuvent être dangereux pour la santé. Lors des travaux d'entretien, par exemple lors de l'élimination des liquides évacués, porter des lunettes de protection et des gants de protection (voir la fiche de sécurité [FS]).</p>
⑤		<p><b>Prudence : Haute tension</b> Le retrait du couvercle peut provoquer un choc électrique de haute tension.</p>
⑥		<p><b>Inflammable</b> L'encre et les liquides usés sont inflammables. Tenir à l'écart des flammes nues.</p>

# 1. Introduction

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1. Checks before Installation .....	18
About the User's Manuals for This Machine.....	18
About Placement and Installation Work .....	19
Deciding On an Installation Site .....	19
Temperature and Humidity .....	20
Installation Space .....	20
2. Checking Included Items .....	21

# 1. Checks before Installation

## About the User's Manuals for This Machine

The following documentation is included with the machine.

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### Paper Manuals

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- **Setup Guide**

This manual contains details on how to install the machine and how to configure its initial settings.

- **Regular Maintenance Guide**

This manual contains details on the machine's daily maintenance as well as on the maintenance that must be performed periodically.

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### Electronic-format Manual

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- **User's Manual**

This manual contains details such as how to use and maintain the machine as well as an FAQ (a set of frequently asked questions).

You can view and download the electronic-format manual from the following URL or QR code.

**<https://downloadcenter.rolanddg.com/VG2-640>**

\* You can also view and download the paper manuals.

\* You can also view this website from a smartphone.





## About Placement and Installation Work

The placement and installation of this machine must be performed by suitably qualified workers.

### **WARNING**

**Entrust operations such as transportation, unloading, and emplacement to trained professionals.**

Suitable equipment and technical skills are required in handling the machine. Tasks that require undue effort may result in a major accident.

## Deciding On an Installation Site

Install the machine in a quiet, stable location offering good operating conditions. An unsuitable location can cause accidents, fire, faulty operation, or breakdown.

### **WARNING**

**Install the machine in a location that is level, stable, and able to bear the weight of the machine.**

The total weight of the machine may reach 290 kg (639 lb.) or more (260 kg [573 lb.] or more for the 54-inch model). Installation in an unsuitable location may cause a major accident, including tip over, fall, or collapse.

### **WARNING**

**Never install the machine outside or in any location where exposure to water or high humidity may occur.**

Current leakage may cause electrical shock or fire.

### **WARNING**

**Never install the machine close to any flammable object or in a gas-filled location.** Combustion or explosion could occur.

### **WARNING**

**Install the machine in a clean, brightly lit location.**

Working in a location that is dark or cluttered may lead to an accident, such as becoming caught in the machine as the result of an inadvertent stumble.

### **WARNING**

**Position the machine so that the power plug is within immediate reach at all times.**

This is to enable quick disconnection of the power plug in the event of an emergency. Install the machine next to an electrical outlet. Also, provide enough empty space to allow immediate access to the electrical outlet.

### **CAUTION**

**Ensure adequate ventilation for the work area.**

Failing to perform ventilation may result in a health hazard or danger of combustion due to ink fumes.

#### **Unsuitable installation sites**

- Locations subject to large fluctuations in temperature or humidity
- Locations subject to shaking or vibration
- Locations where the floor is tilted, not level, or unstable
- Dusty locations
- Locations exposed to direct sunlight
- Locations near air-conditioning or heating equipment
- Locations exposed to water or moving air
- Locations exposed to considerable electrical or magnetic noise or other forms of electromagnetic energy

## 1. Checks before Installation

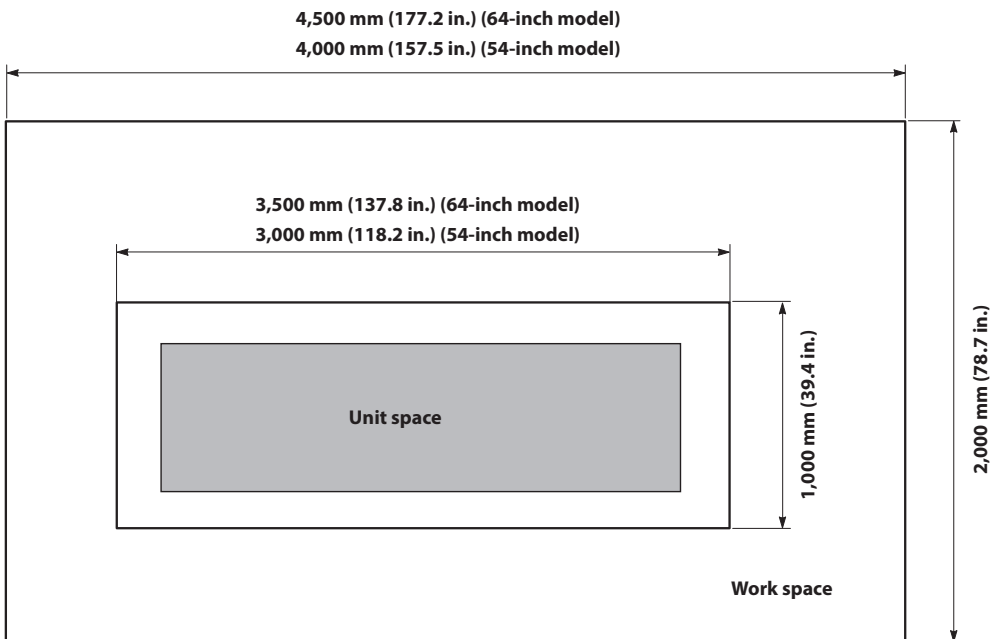
### Temperature and Humidity

Maintain the specified temperature and humidity even when the machine is not in use. Failure to do so may result in malfunction.

- **During operation: Temperature: 20 to 32°C (68 to 90°F), humidity: 35 to 80%RH (no condensation)**
- **During non-operation: Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (no condensation)**

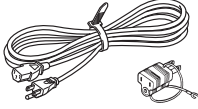
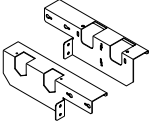
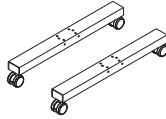
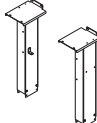
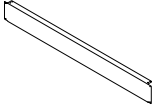

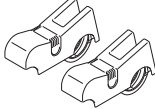
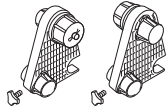
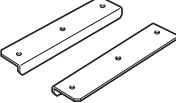
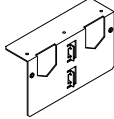








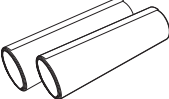

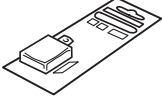








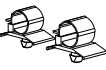
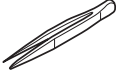


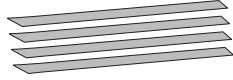
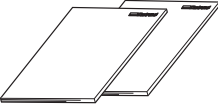

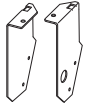
### Installation Space

The space shown in the figure is required in order to use this machine.



# 2. Checking Included Items

The following items are included with the machine. Make sure they are all present and accounted for.

 Power cord/power plug adapter (1 each)		 Arms (1 each for right and left)		 Casters (2)		 Stand legs (1 each for right and left)	
 Stand stay (1)		 Shafts (2)		 Media stays (2)		 Media holders/retaining screws (1 each for right and left)	
 Shaft clamps (2)		 Media holder adjuster (1)		 Hexagonal wrench (1)	 Pipe (1)	 Replacement wiper (1)	 Tray pad (1)
 Adjustment bolt (1)	 Drain bottle (1)	 Drain funnel (1)	 Drain bottle stand (1)	 Adjustment papers (2)		 Paper tube (1)	
 Replacement blade for separating knife (1)		 Blade holder (1)	 Blade (1)	 Pin (1)	 Bolts (long; 8)	 Bolts (short; 42)* <sub>2</sub>	 Washers (8)
 Tube joints (8)	 Tubes (4)	 Cable clamps (2)	 Tweezers (1)	 Cleaning liquid (1)	 Cleaning sticks	 Cartridge-slot label (4) (1) * <sub>1</sub>	
 Setup Guide (this document; 1) Regular Maintenance Guide (1)		For the DU2-64/54* <sub>3</sub>					
		 Arm C (2)		 Stay (1 each for right and left)			

\*<sub>1</sub> With the factory default settings, these labels are affixed to the platen at the location where the front cover opens.

\*<sub>2</sub> Among these 42 bolts, 4 of them are for the optional DU2-64/54. For details, refer to the DU2-64/54 user's manual.

\*<sub>3</sub> These are for the optional DU2-64/54. For details, refer to the DU2-64/54 user's manual.



# 2. Installation

---

1. Assembly and Ink Filling.....	24
Checks before Operations .....	24
Step 1: Assembling the Stand.....	25
Step 2: Assembling the Printer Unit and the Stand .....	28
Step 3: Installing the Media Holders and Media Stays.....	32
Step 4: Installing the Drain Bottle.....	39
Step 5: Removing the Retainers.....	41
Step 6: Adjusting the Ink Tube and Affixing a Label .....	42
Step 7: Connecting the Cables .....	43
Step 8: Preparing the Ink and the TR2 Cleaning Liquid .....	44
Step 9: Initial Settings and Ink Filling .....	46
Step 10: Adjustment of Media Holder Adjuster.....	51
2. Installing the Cutting Tool .....	52
Step 1: Assembling the Cutting Tool .....	52
Step 2: Installing the Cutting Tool .....	53
3. Network Settings .....	55
Step 1: Make the Network Settings for the Computer.....	55
Step 2: Make the Network Settings on the Printer .....	58
Step 3: Make the Port Settings for the Software RIP.....	60

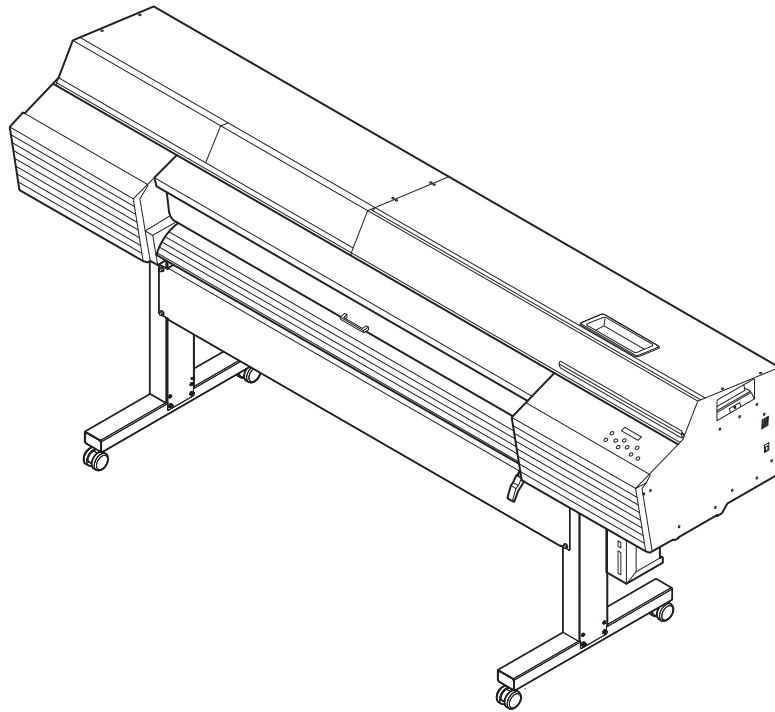
# 1. Assembly and Ink Filling

## Checks before Operations

---

### Completed Drawing

---



---

### Necessary Tools (Included Items)

---

- Hexagonal wrench (1)
- Pipe (Use this when the hexagonal wrench is too short to easily tighten bolts) (1)
- Bolts (short: 38)
- Bolts (long: 8)
- Washers (8)

---

### Necessary Tools (Supplied by the Worker)

---

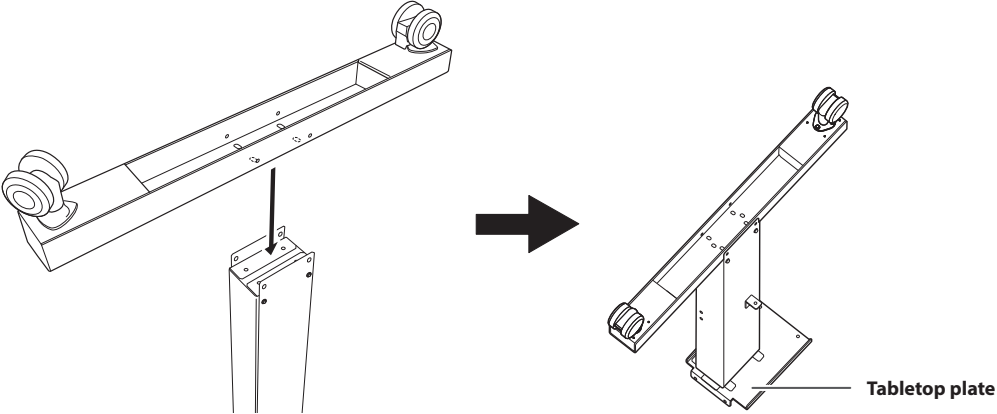
- Lifting bars (2)
- Lifting bar fixing bolts (4)

# Step 1: Assembling the Stand

## Procedure

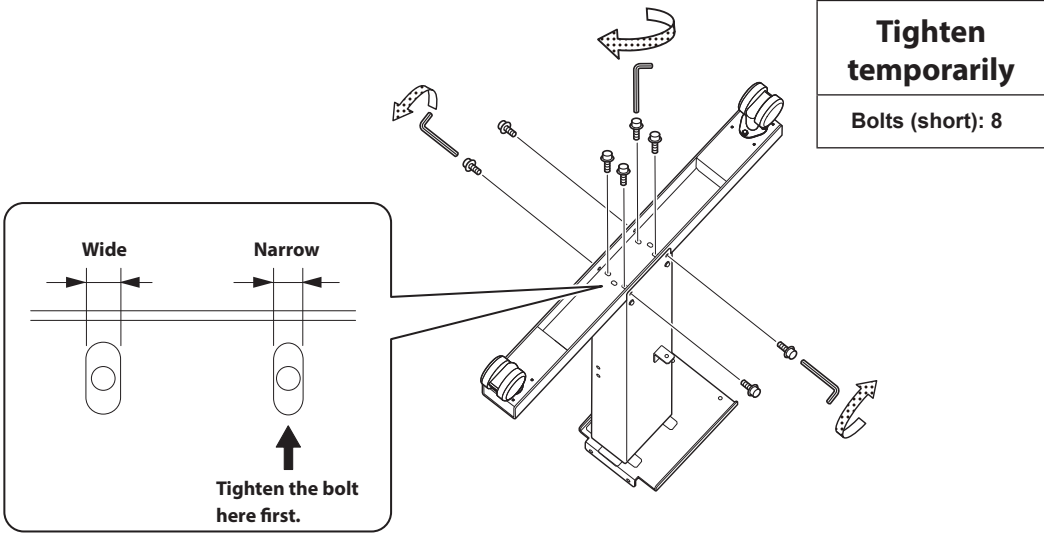
**1 Place the caster on the stand leg.**

Place the stand leg with the tabletop plate facing down, and then place the caster on top of the stand leg. The casters have no particular front and rear orientation.



**2 Lightly tighten the bolts in the 4 upper locations and then in the 4 locations on the sides.**

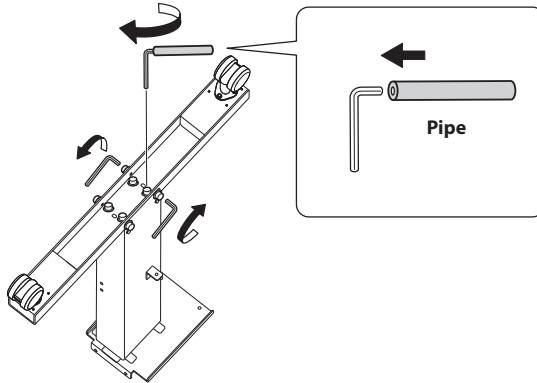
For the 4 upper locations, first tighten the bolts in the narrow slots. In this way you can attach the caster in the correct position.



## 1. Assembly and Ink Filling

### 3 Fully tighten the bolts in the 4 upper locations and then in the 4 locations on the sides.

Use the pipe when tightening the bolts in the upper locations. When tightening the (short) bolts fully, tighten them securely. Loose (short) bolts may cause the stand to wobble.



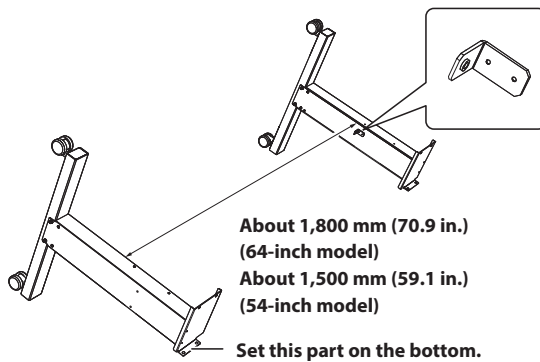
**Tighten fully**

**Bolts (short): 8**

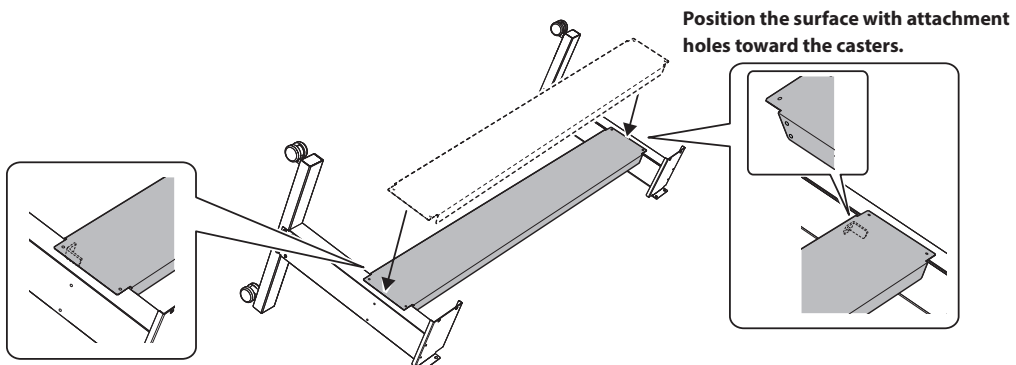
### 4 Assemble the opposing stand leg by following the same procedure from step 1 to step 3.

### 5 Position the stand legs parallel to each other and separated by approximately 1,800 mm (70.9 in.) for the 64-inch model or approximately 1,500 mm (59.1 in.) for the 54-inch model.

Position the legs so that the L-shaped brackets face the inside and the bent side of the tabletop plate faces down for each leg.



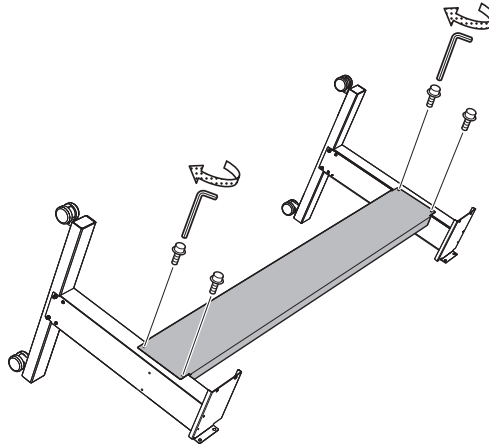
### 6 Place the stand stay on the stand legs.





**7** Lightly tighten the bolts in the order of ①, ②.

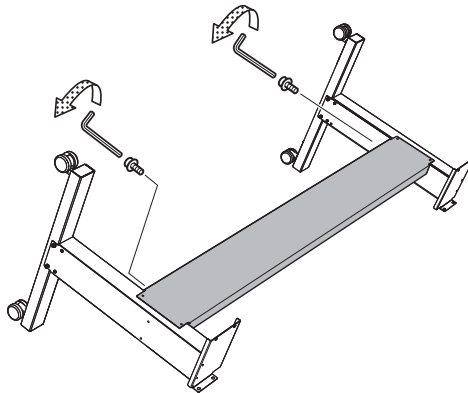
①



**Tighten temporarily**

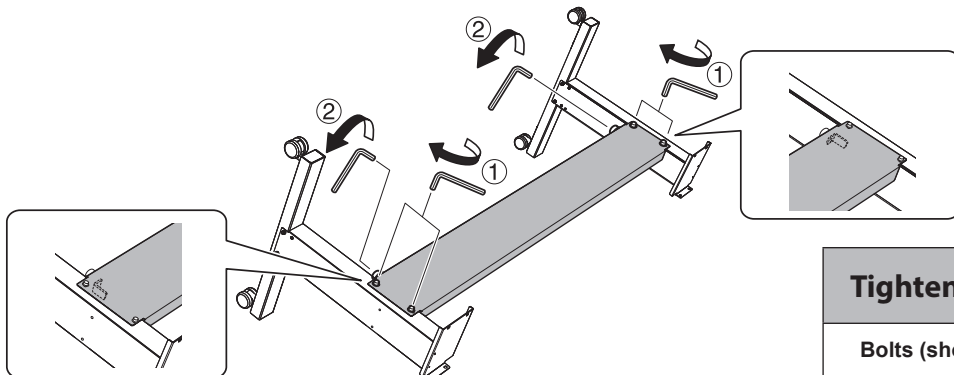
Bolts (short): 6

②



**8** Fully tighten the bolts in the order of ①, ②.

Tighten the (short) bolts securely. Loose (short) bolts may cause the stand to wobble.



**Tighten fully**

Bolts (short): 6

## Step 2: Assembling the Printer Unit and the Stand

### IMPORTANT

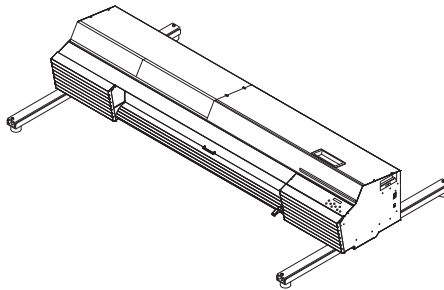
If you will not use the lifting bars, proceed to P. 30 "2. Fix the printer unit to the stand.". However, in that situation, be sure to perform the work with eight or more people.

### 1. Attach the lifting bars to the printer unit.

#### MEMO

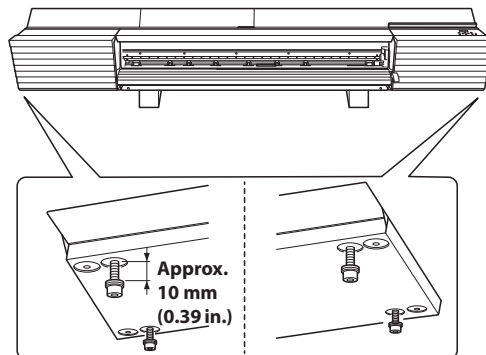
- The lifting bars and the lifting bar fixing bolts are not included with the printer. The worker performing the installation will bring them to the work area.
- Attach the lifting bars with the printer unit in the packing box.

State after attaching the lifting bars



### 1 Temporarily tighten the lifting bar fixing bolts (4 locations in total) on the bottom surface of the printer unit.

There are 4 screw holes on each side of the bottom surface. Use the 2 inner holes on each side. Tighten the lifting bar fixing bolts until you can see approximately 10 mm (0.4 in.) of their threads.

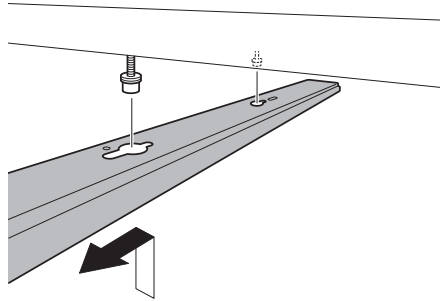


**Tighten temporarily**

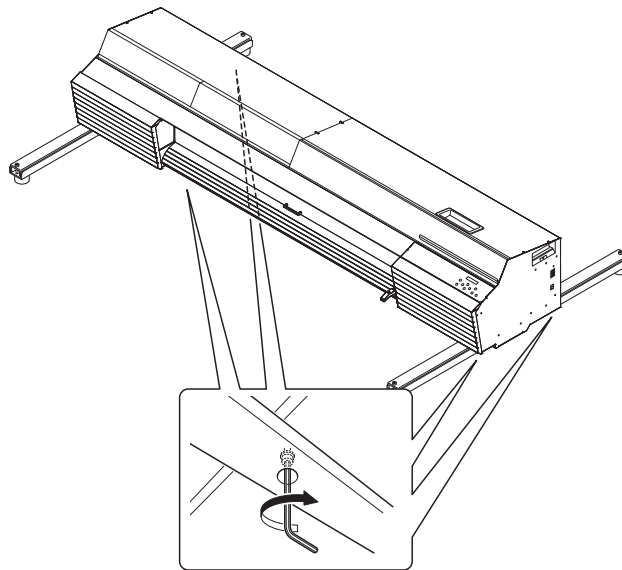
Lifting bar fixing Bolts: 4

**2 Attach the lifting bars to the temporarily tightened lifting bar fixing bolts.**

After passing the lifting bar fixing bolts through the holes, slide the lifting bars to the front so that they do not fall off.

**3 Fully tighten the lifting bar fixing bolts (4 locations in total).**

Tighten the lifting bar fixing bolts securely. Loose lifting bar fixing bolts may lead to accidents when the printer unit is moved.

**Tighten fully**Lifting bar fixing  
Bolts: 4

2. Fix the printer unit to the stand.

1 With six or more workers, firmly hold the lifting bars and lift up the printer unit.

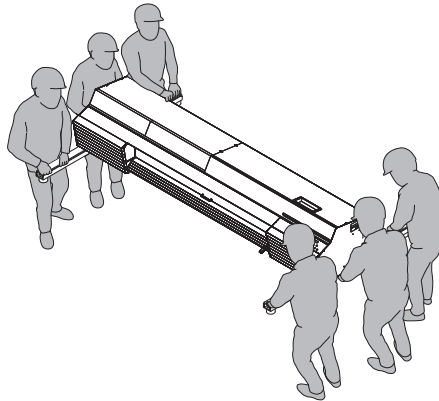
**CAUTION**

Be sure to perform this work with six or more people. Have at least one person hold each of the four ends of the lifting bars and at least one person hold each end of the housing.

Tasks that require undue effort when performed by a small number of persons may result in physical injury. Also, if dropped, such items may cause injury.

**CAUTION**

Before lifting up the printer unit, check that the lifting bars do not rattle. If the lifting bars rattle, retighten the bolts fixing them in place.



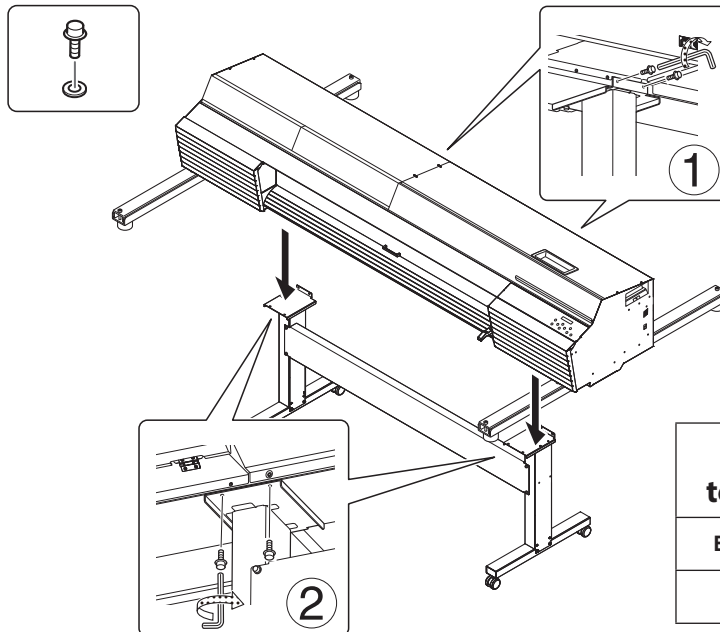
**CAUTION**

When not using the lifting bars, be sure to perform the work with eight or more people.

Tasks that require undue effort when performed by a small number of persons may result in physical injury. Also, if dropped, such items may cause injury.

2 Place the printer unit on the stand, and then temporarily tighten the bolts in the order of ①, ②.

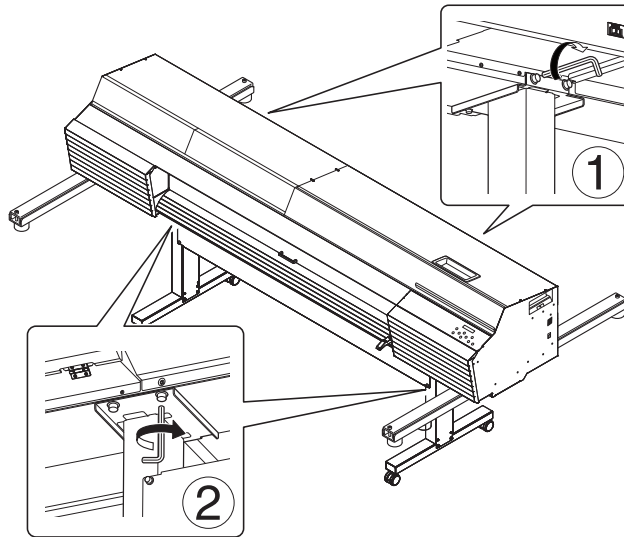
Set the assembled stand upright, and then fix the printer unit to it by tightening the (long) bolts (8 locations in total). Use a washer for each (long) bolt.



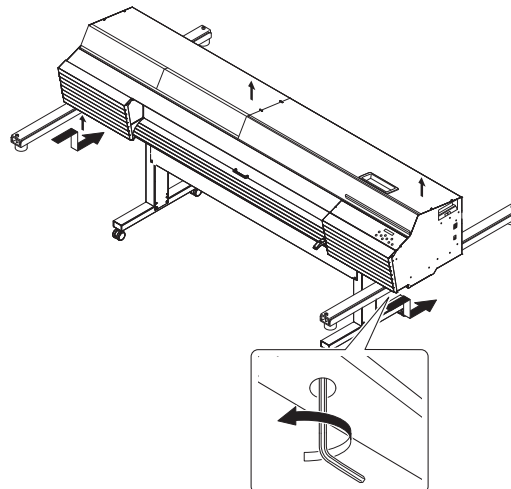
<b>Tighten temporarily</b>
Bolts (long): 8
Washers: 8

**3 Fully tighten the bolts in the order of ①, ②.**

Tighten the (long) bolts securely. Loose (long) bolts may cause the stand to wobble.

**4 Remove the lifting bars.**

- ① Loosen the lifting bar fixing bolts (4 locations in total) on the bottom surface of the printer unit.
- ② Remove the lifting bars by sliding them to the back of the printer unit.



## Step 3: Installing the Media Holders and Media Stays

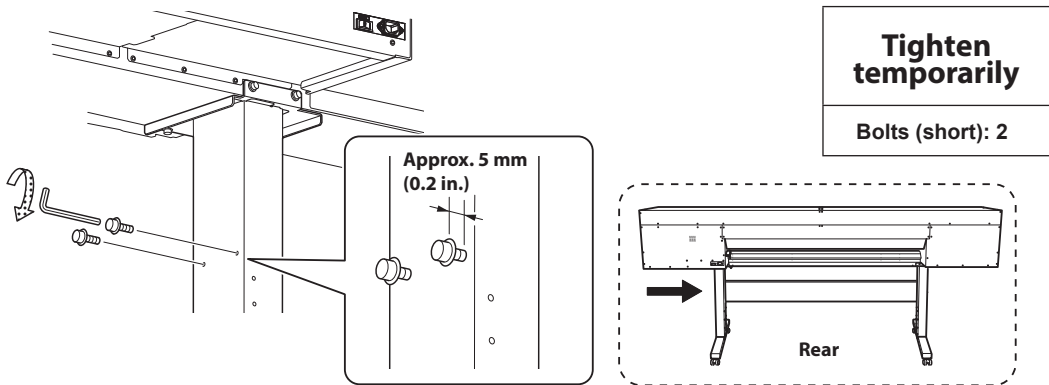
**IMPORTANT: Be sure to follow the procedure.**

After finishing P. 25 "Step 1: Assembling the Stand" and P. 28 "Step 2: Assembling the Printer Unit and the Stand", perform P. 32 "Step 3: Installing the Media Holders and Media Stays". If this procedure is not followed, printing results will be affected because the media holders will not be installed in the correct positions.

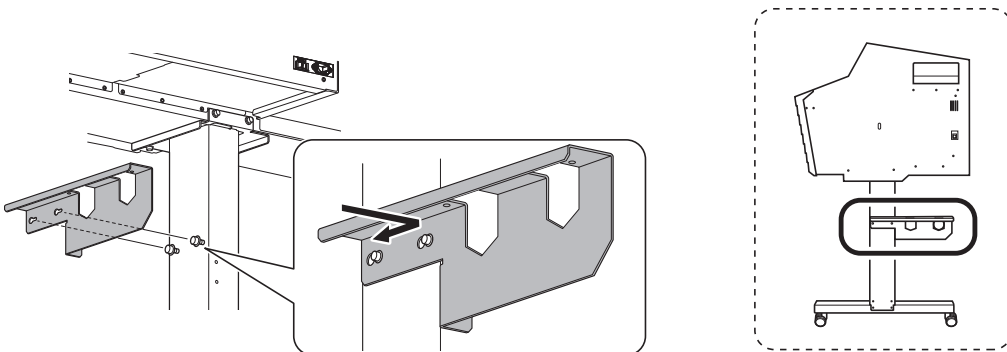
### 1. Attach the arms.

- 1** Temporarily tighten the (short) bolts on the left side of the stand as seen from the rear of the printer.

Tighten the (short) bolts in the holes on the side of the stand until you can see approximately 5 mm (0.2 in.) of their threads on each side.

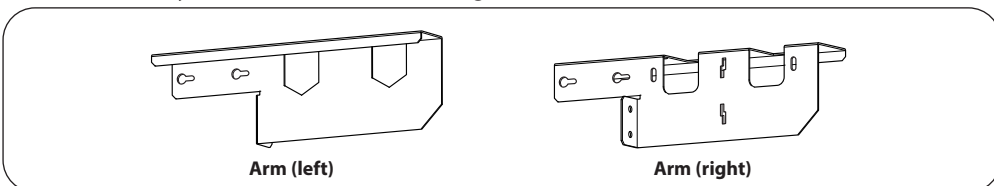


- 2** Attach the left arm to the temporarily tightened (short) bolts.



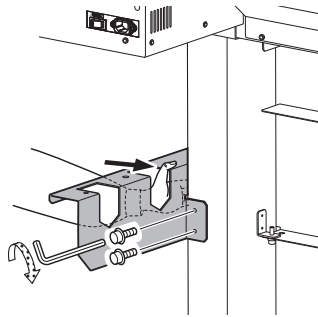
**Point**

Each arm can only be used on either the left or right side. Attach them on the correct sides.



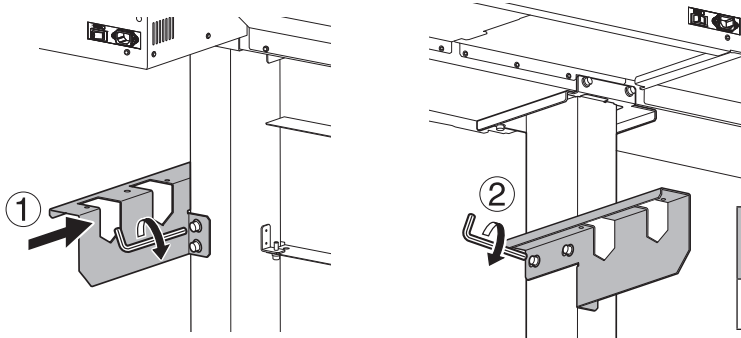
**3** Lightly tighten the bolts connecting the rear of the stand to the arm's contact surface.

While pressing the side of the arm onto the stand leg, tighten the (short) bolts.



**Tighten temporarily**

Bolts (short): 2

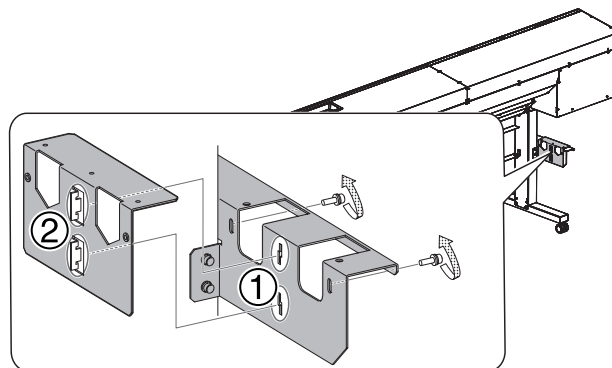
**4** Fully tighten the bolts in the order of ① (stand rear), ② (stand side).

**Tighten fully**

Bolts (short): 4

**5** Attach the other arm to the right side as seen from the rear of the machine.**6** Attach the media holder adjuster to the right arm as seen from the rear of the machine.

Pass the protrusions of the media holder adjuster ② through the notches on the arm ①, and then temporarily tighten the bolts so that the media holder adjuster does not fall off.

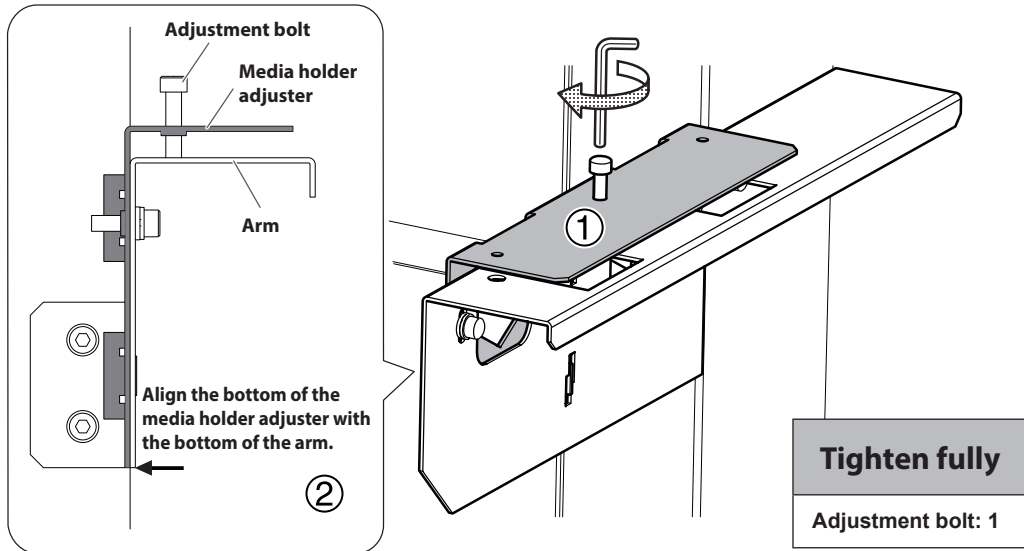


**Tighten temporarily**

Bolts (short): 2

## 1. Assembly and Ink Filling

- 7 Attach the adjustment bolt ①.
- 8 Tighten the bolt until the bottom of the right arm and the bottom of the media holder adjuster are aligned ②.



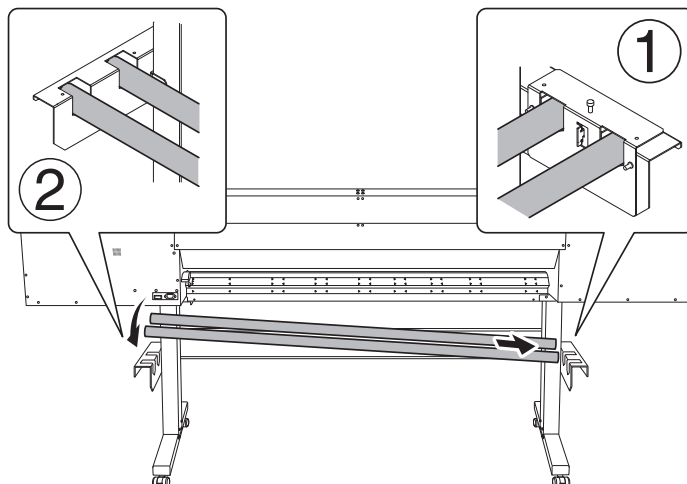
### MEMO

At the end of the installation work, a suitably qualified worker will adjust the media holder adjuster. Leave this work to the suitably qualified worker.

## 2. Attach the media holders.

- 1 Place the shafts on the arms.

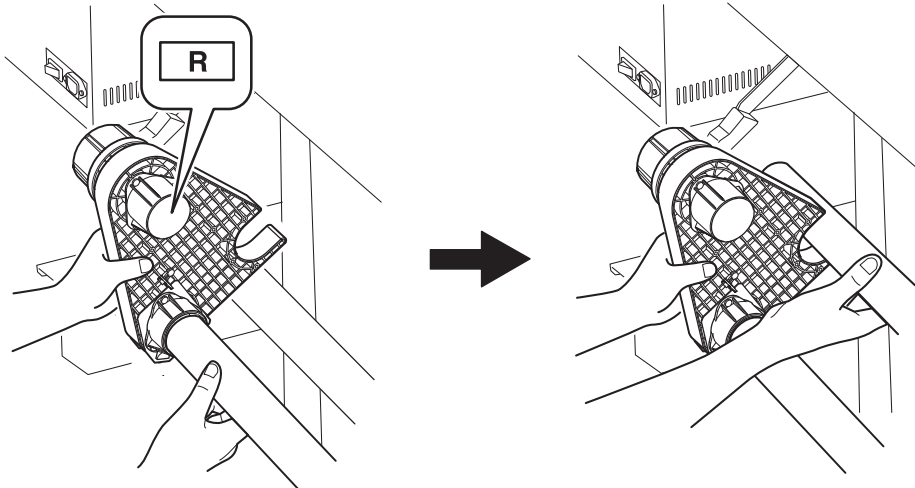
First insert the shafts into the holes on the right side as seen from the rear of the machine, and then place the shafts into the holes on the left side.





**2** Pass the right media holder onto the shafts.

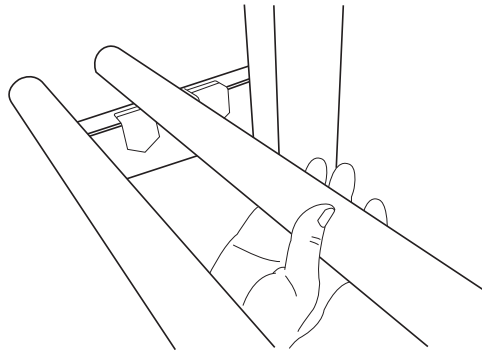
Pass the shaft through from the left as seen from the rear of the machine.



Pass the front shaft through the right media holder.

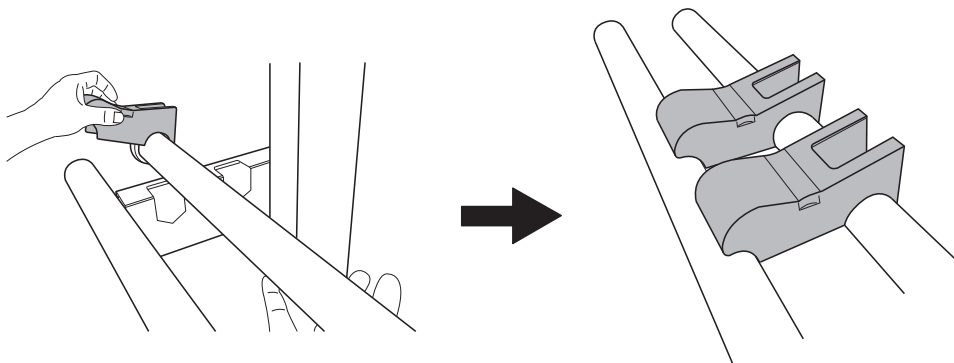
Catch the right media holder on the rear shaft.

**3** Lift up the front shaft and rear shaft at the same time.



**4** Pass the rear shaft through the media stays.

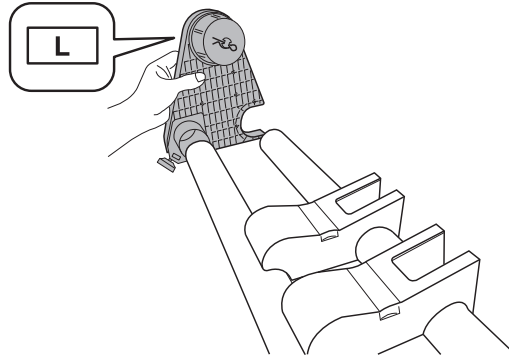
Pass the rear shaft through the two media stays.



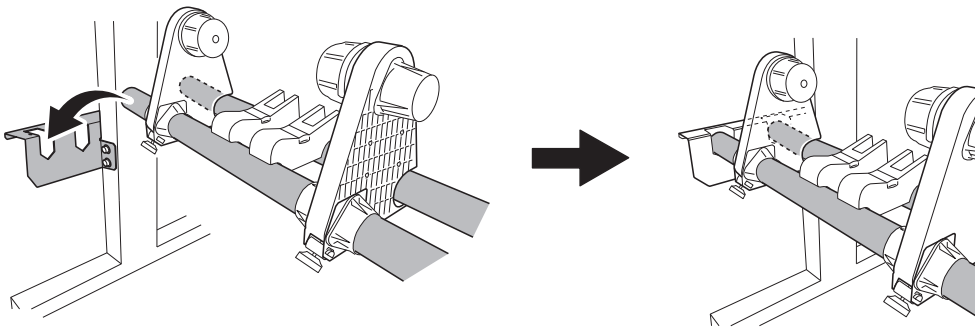
## 1. Assembly and Ink Filling

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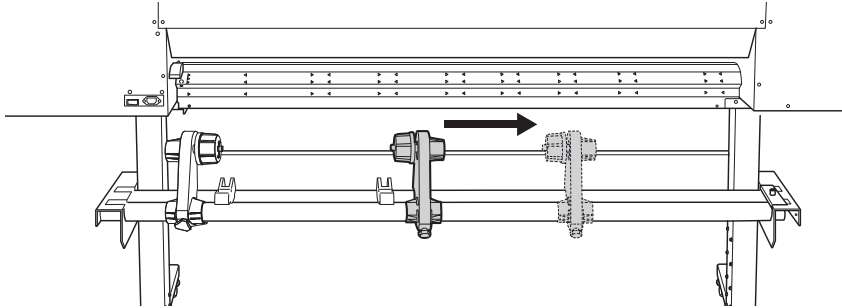
- 5 With the two shafts lifted up, pass the shafts through the left media holder.



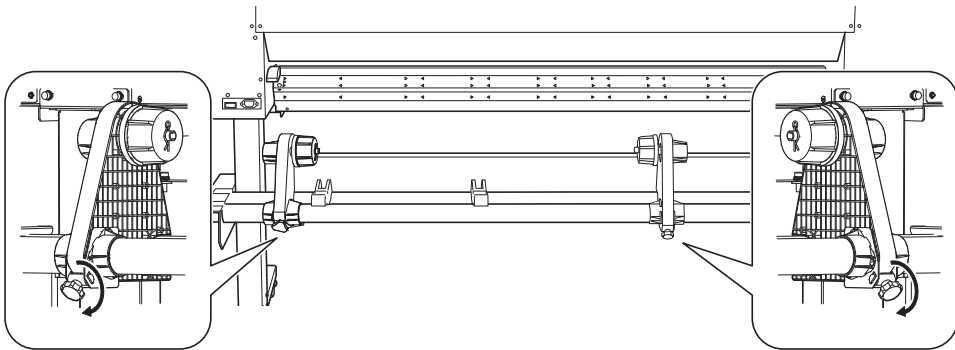
- 6 Place the left end of the shafts on the left arm.



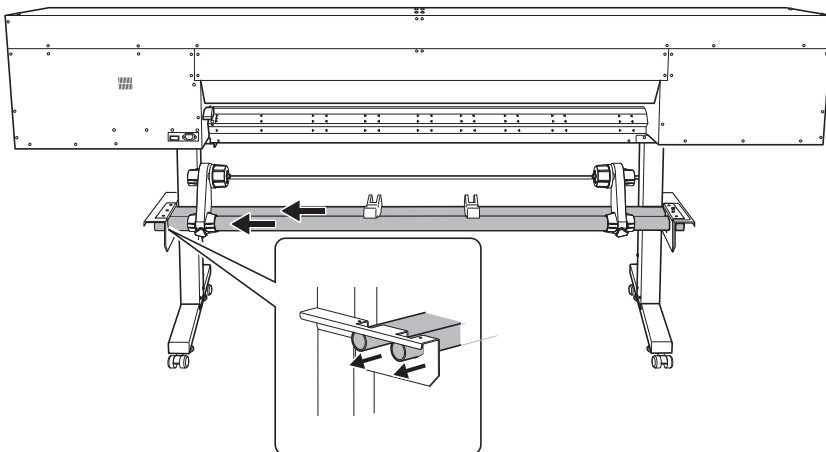
- 7** Move the right media holder to the right side of the shafts.



- 8** Tighten the retaining screw.



- 9** Slide the shafts in to the left side as seen from the rear of the machine.  
Press the shafts against the left arm.

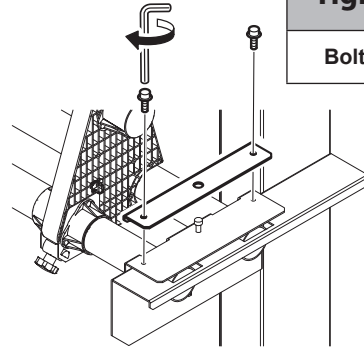
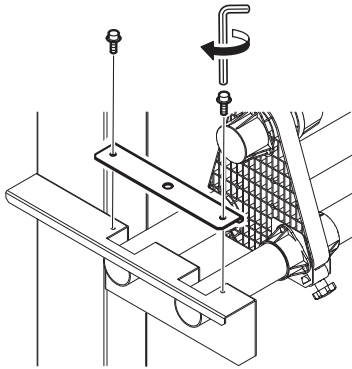


## 1. Assembly and Ink Filling

**10** Attach the shaft clamps to secure the shafts in place.

**Point**

Ensure the media holders do not get caught in the shaft clamps.



**Tighten fully**

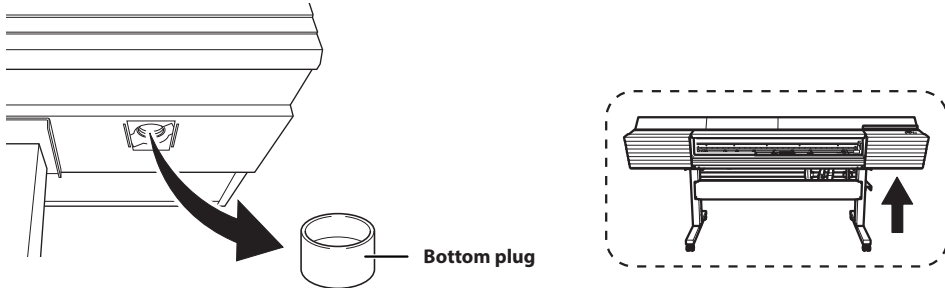
**Bolts (short): 4**

## Step 4: Installing the Drain Bottle

### Procedure

#### 1 Remove the bottom plug.

Discharged fluid used in the inspection when the printer was shipped may remain. Exercise caution.

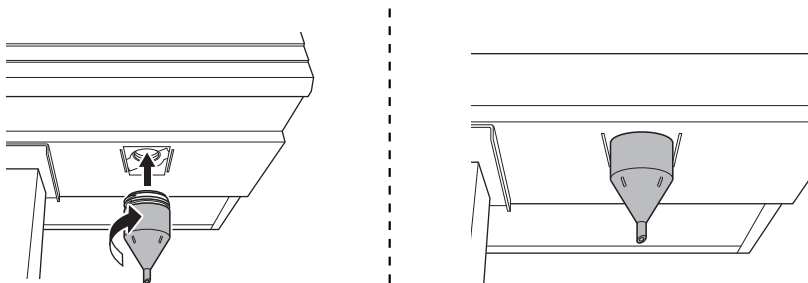


#### 2 Install the drain funnel.

Screw the drain funnel all the way into the hole where the bottom plug was attached.

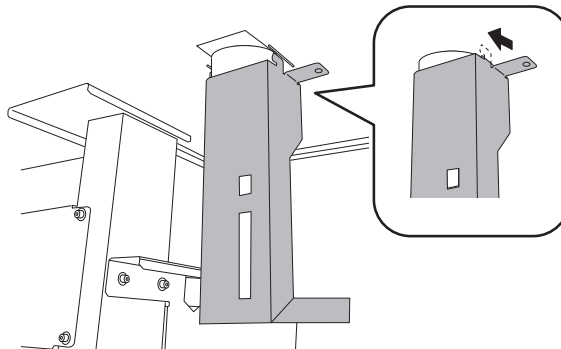
### IMPORTANT

Use caution to turn the bottle without applying excessive force.



#### 3 Install the drain bottle stand.

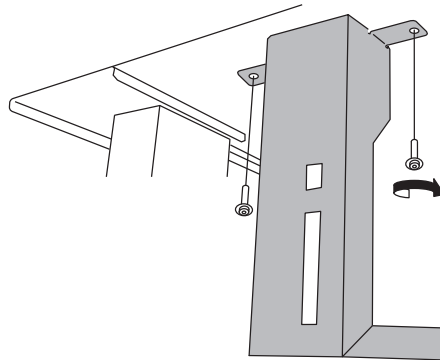
Insert the drain bottle stand into the groove on the bottom surface of the printer unit, and then push the drain bottle stand to the front.



## 1. Assembly and Ink Filling

### 4 Secure the drain bottle stand in place.

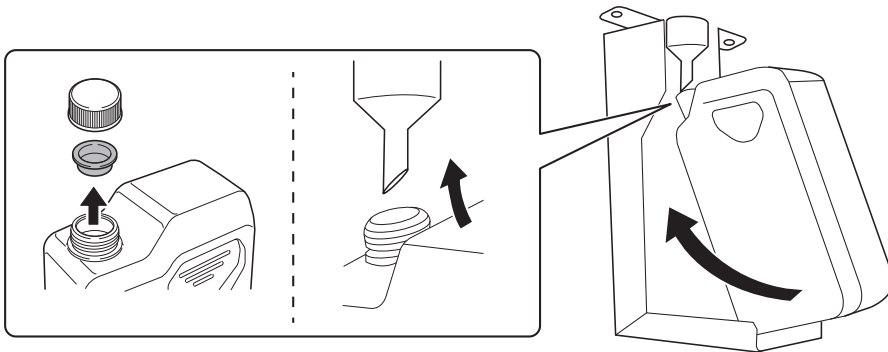
Tighten the (short) bolts securely (2 locations in total).



**Tighten fully**

**Bolts (short): 2**

### 5 Install the drain bottle in the bottle stand.



**IMPORTANT: Leave the drain bottle attached at all times.**

Only remove the drain bottle when you are disposing of the discharged fluid. Unnecessarily removing the drain bottle may lead to the discharged fluid spilling.

## Step 5: Removing the Retainers

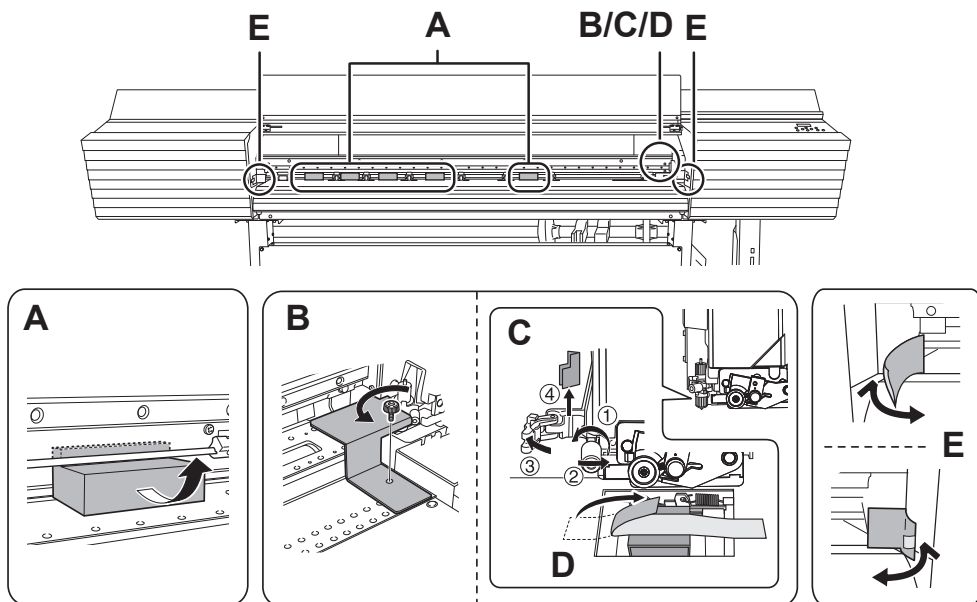
### IMPORTANT

- Make sure to remove all the retainers. Any that remain may cause faulty operation or breakdown when the power is switched on.
- Store the retainers because they are needed again when transporting the machine.

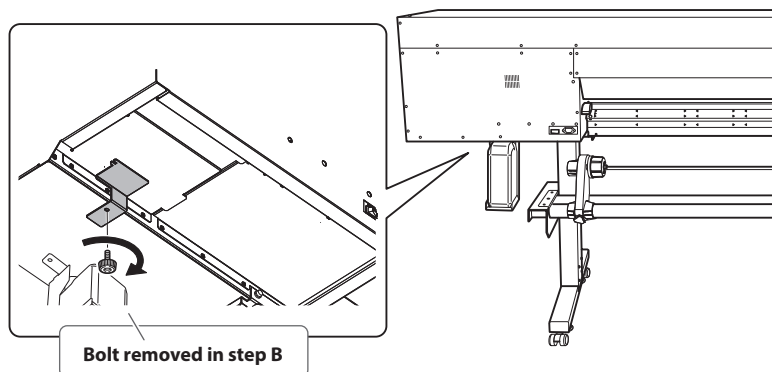
### Procedure

#### 1 Remove all the retainers indicated by A, B, C, D, and E.

There is no need to store the retainers indicated by E.



#### 2 Install the retainer indicated by B at the position indicated in the figure for storage.



## Step 6: Adjusting the Ink Tube and Affixing a Label

### Adjusting the Ink Tube

This work must be performed by a suitably qualified worker. Never attempt to perform this work yourself.

 **CAUTION**

**Leave this work to a suitably qualified worker.**

This procedure includes work near sources of electrical danger and complex assembly work. Incorrect work may result in injury and mechanical malfunction.

### Affixing a Label

This work is required when using the machine with the following inks (other than eight colors: CMYKLkOrGrWh and seven colors: CMYKLkOrGr).

- Eight colors: CMYKLcLmLkOr
- Eight colors: CMYKLcLmLkWh
- Four colors: CMYK

### Items Used in this Procedure

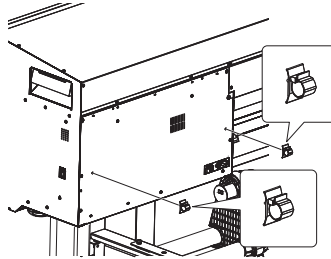
Included items	Cartridge-slot label
	Tubes (4)
	Tube joints (8)



## Step 7: Connecting the Cables

### Procedure

- 1 Insert the cable clamp.



- 2 Connect both the power cord and the Ethernet cable (commercially available).

Use a power plug adapter if the electrical outlet is a two-prong outlet.



#### **WARNING**

Perform this task with all power switches left switched off.  
Sudden movement of the machine may cause injury.



#### **WARNING**

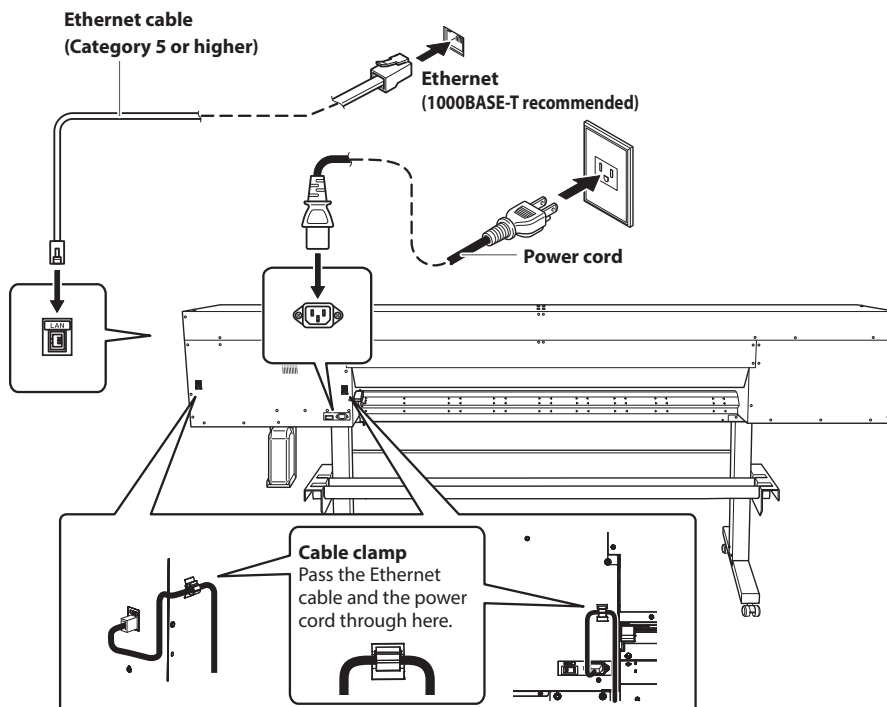
Connect to an electrical outlet that complies with this machine's ratings (for voltage, frequency, and current).  
Incorrect voltage or insufficient current may cause fire or electrical shock.



#### **WARNING**

Connect the machine to ground.

This can prevent fire or electrical shock due to current leakage in the event of malfunction.



### Step 8: Preparing the Ink and the TR2 Cleaning Liquid

#### Items Used in this Procedure

- Ink pouches (each color)
- TR2 cleaning liquid pouch (1)

#### IMPORTANT

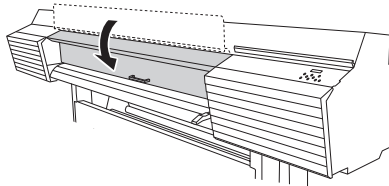
Be sure to use new ink pouches and a new TR2 cleaning liquid pouch.

Never, under any circumstances, use anything other than the specified type of ink or cleaning liquid.

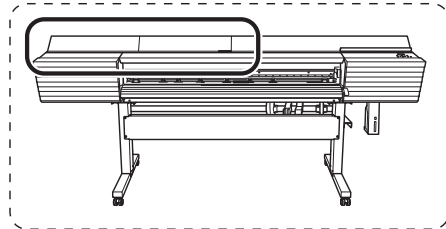
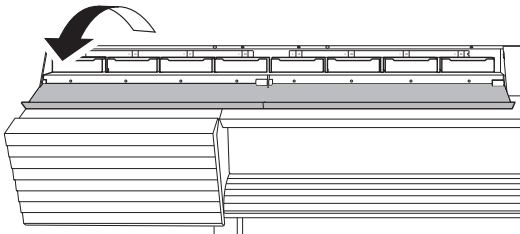
The ink pouches and the TR2 cleaning liquid pouch must be purchased separately. Contact your authorized Roland DG Corporation dealer or visit our website (<http://rolanddg.com/>).

#### Procedure

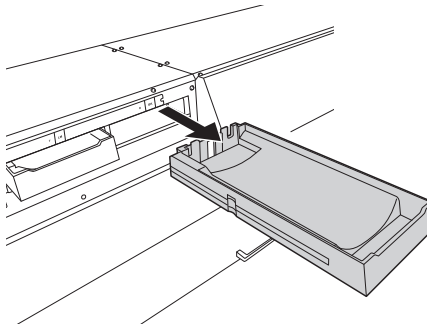
- 1 Close the front cover.



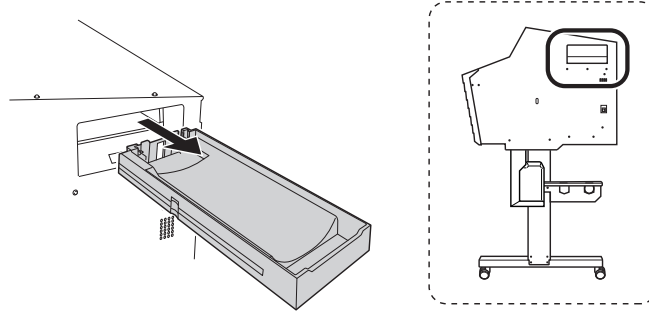
- 2 Open the ink slot cover.



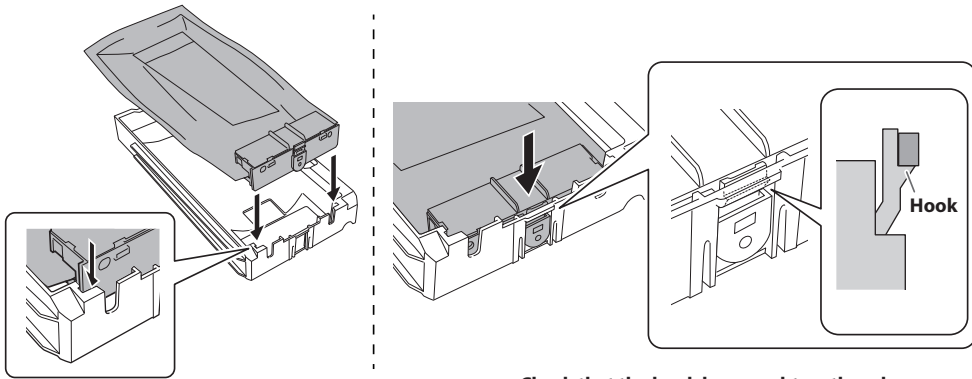
- 3 Remove all the pouch trays from the ink slots.



- 4 Remove the pouch tray from the cleaning liquid slot.



- 5 Set the ink pouch for each color and the TR2 cleaning liquid pouch in the removed pouch trays.

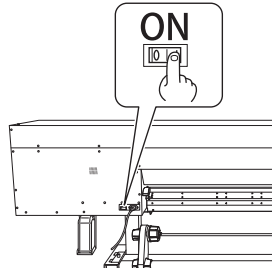


Check that the hook has caught on the edge.

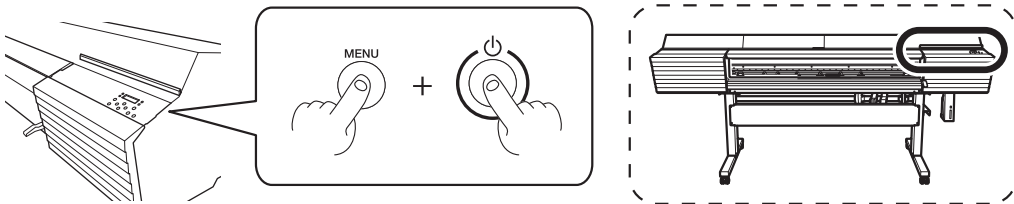
## Step 9: Initial Settings and Ink Filling

### 1. Make the initial settings.

- 1 Switch on the main power switch.



- 2 Hold down [MENU] and press the sub power switch.



- 3 Press [▲] or [▼] to select the language you want, and then press [ENTER].



- 4 Press [▲] or [▼] to select the unit of measurement you want (for length), and then press [ENTER].



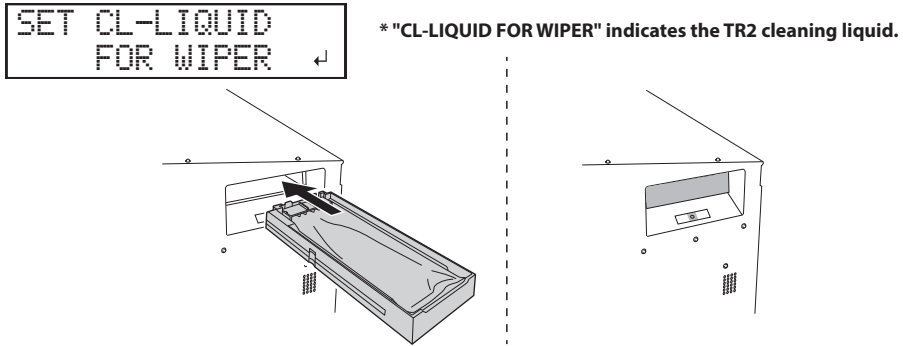
- 5 Press [▲] or [▼] to select the unit of measurement you want (for temperature), and then press [ENTER].



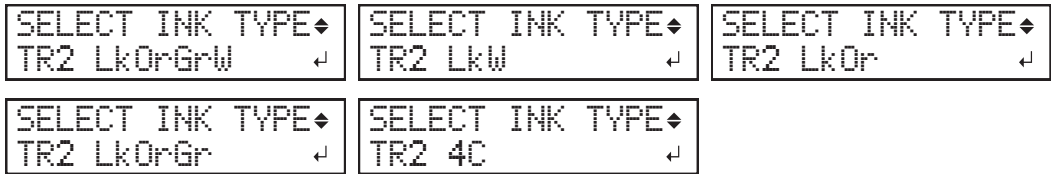
**2. Set the TR2 cleaning liquid in its slot, and then select the ink type.**

- 1** When the screen shown below appears, set the pouch tray in which you have set the TR2 cleaning liquid pouch in the cleaning liquid slot.

Insert the pouch trays as far as they will go.



- 2** Press [▲] or [▼] to select the ink type, and then press [ENTER].



Name to select	Cyan (C) Magenta (M) Yellow (Y) Black (K)	Light cyan (Lc) Light magenta (Lm) Light black (Lk)	Orange (Or)	Green (Gr)	White (W)
TR2 LkOrGrW	✓	Lk only	✓	✓	✓
TR2 LkW	✓	✓	/	/	✓
TR2 LkOr	✓	✓	✓	/	/
TR2 LkOrGr	✓	Lk only	✓	✓	/
TR2 4C	✓	/	/	/	/

- 3** Press [◀] or [▶] to select [YES], and then press [ENTER].

If the ink type is incorrect, select [NO], and then press [ENTER] to start again from step **2**.



\* The display changes depending on the selected ink type.

## 1. Assembly and Ink Filling

### 4 Make sure the drain bottle is installed, and then press [ENTER].

P. 39 "Step 4: Installing the Drain Bottle"

```
INSTALL  ◀  
DRAIN BOTTLE ↵
```

The screen shown below appears, and then the machine starts the preparations for the ink filling. The (approximate) remaining time for the procedure is displayed on the screen. (The display shown below is an example. "20:00" = "20 minutes and 00 seconds")

```
FILLING INK...  
>>>> 20:00
```

#### MEMO

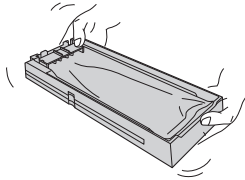
If the screen shown below appears here, pouch trays remain in the ink slots. Remove all the pouch trays.

```
REMOVE CARTRIDGE  
12345678
```

## 3. Fill with ink.

### 1 Gently shake the ink pouch for each color. Shake the white ink pouch 50 times (for around 20 seconds).

The precipitation of the ingredients in the ink disables printing in normal color. So that the ink mixes well, shake the pouch tray horizontally with a stroke length of around 5 cm (2 in.) from each end of the tray.



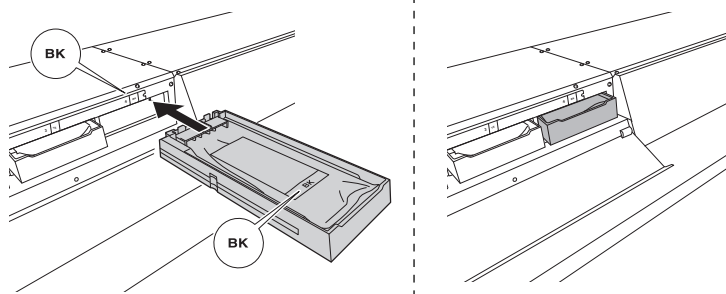
- Do not remove the ink pouches. Shake the entire pouch tray. Removing the ink pouches may lead to the ink leaking.
- Before shaking, wipe off any ink from around the mouth of the ink pouch. If you do not wipe off the ink, it may splatter when you shake the pouch tray.

### 2 When the screen shown below appears, set the pouch tray in which you have set an ink pouch in the ink slot whose number is flashing.

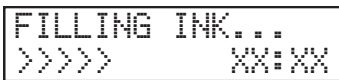
```
SET CARTRIDGE  
12345678
```

**IMPORTANT**

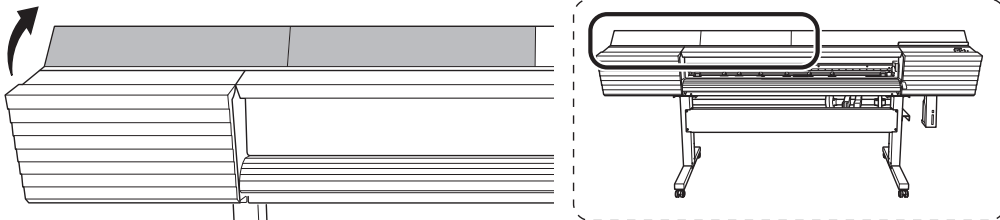
- Do not insert empty pouch trays. Doing so may force air into the ink path and cause printer malfunctions.
- Check the color names indicated on the ink slots and the ink pouches to set all the pouch trays in their correct positions.
- Exercise caution to ensure that the pouch tray labels do not peel off and insert the pouch trays as far as they will go.



The screen shown below appears.



**3** Close the ink slot cover.



- 4** When the screen shown below appears, remove the drain bottle and discard the discharged fluid.



```
EMPTY
DRAIN BOTTLE↵
```

### IMPORTANT

When you remove the drain bottle, a few drops of discharged fluid may come out of the drain funnel. Exercise caution to prevent this fluid from soiling your hands or the floor.

#### CAUTION

**Before you detach the drain bottle, be sure to wait for the screen to display "EMPTY DRAIN BOTTLE." After discarding the discharged fluid, promptly attach the drain bottle to the machine.**

Failing to follow this procedure may cause discharged fluid to flow out of the tube and spill, soiling your hands or the floor.

#### WARNING

**Never place discharged fluid or ink near an open flame.**

Doing so may cause fire.

#### CAUTION

**To store discharged fluid temporarily, place it in the included drain bottle or in a durable sealed container such as a metal can or polyethylene tank, and cap the container tightly.**

Any spillage or vapor leakage may cause fire, odor, or physical distress.

- 5** Quickly attach the emptied drain bottle to the machine once more.

- 6** Press [ENTER].

When the screen shown in the figure appears, filling with ink is finished.



```
SETUP SHEET
```



## Step 10: Adjustment of Media Holder Adjuster

This work requires subtle adjustments. Leave this work to a suitably qualified worker.

### Items Used in this Procedure

General tools (brought to the work area by the worker)	6.0 mm (0.24 in.) hexagonal wrench
	Masking tape
	Scale (ruler)
Included items, retainer	Paper tube (1)
	Adjustment papers (2)
	Retainer B (1) ☞ P. 41 "Step 5: Removing the Retainers"

## 2. Installing the Cutting Tool

### ⚠ CAUTION

Be sure to perform operations as specified by the instructions, and never touch any area not specified in the instructions.

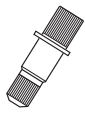


Sudden movement of the machine may cause injury.

### ⚠ CAUTION

Never touch the tip of the blade.

Doing so may result in injury. The cutting performance of the blade will also be impaired.

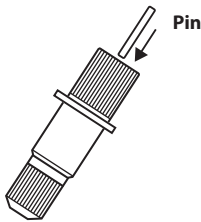
### Step 1: Assembling the Cutting Tool

Required items		
		
Blade holder	Blade	Pin

#### Procedure

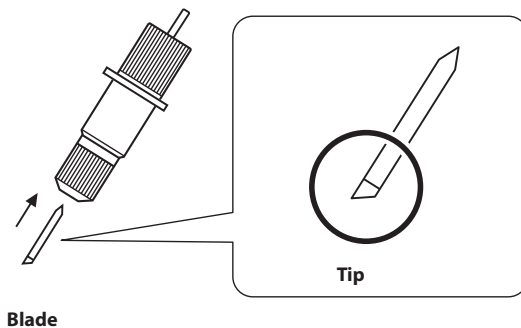
#### 1 Insert the pin.

Insert the pin to the position where its end sticks out about 3 to 5 millimeters (0.12 to 0.20 in.).



#### 2 Insert the blade.

Insert the blade into the hole.

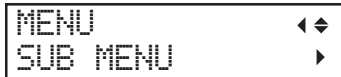


## Step 2: Installing the Cutting Tool

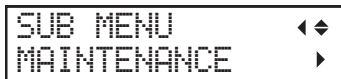
### 1. Enter the "REPLACE KNIFE" menu.

1 Press [MENU].

2 Press [▼] several times to display the screen shown below.



3 Press [▶] once, and then press [▼] several times to display the screen shown below.



4 Press [▶] once, and then press [▼] several times to display the screen shown below.



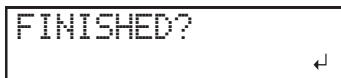
5 Press [ENTER].

The cutting carriage moves to a position where blade replacement is possible.

6 When the following screen is displayed, open the front cover.

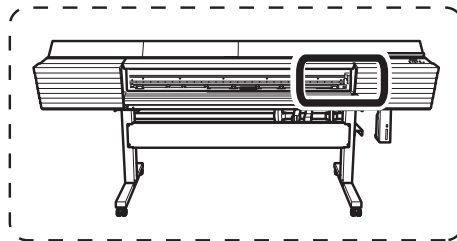
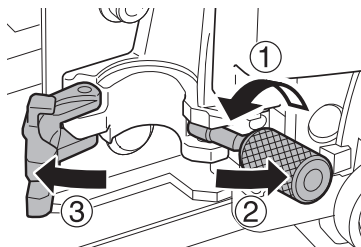


Preparations are complete when this screen appears.



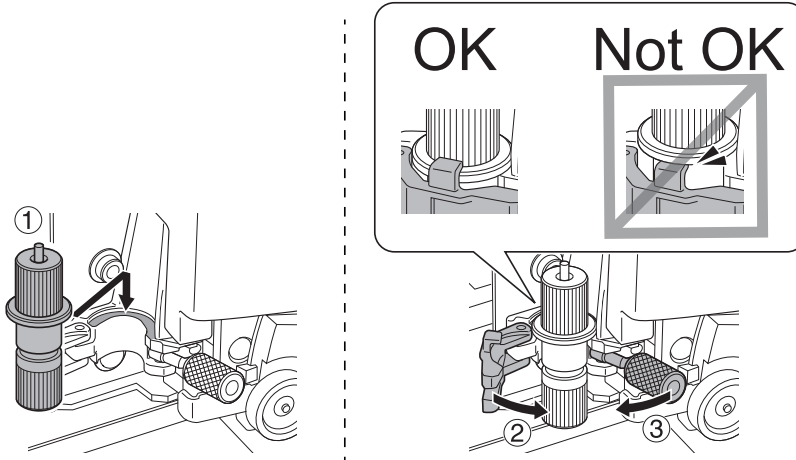
### 2. Install the cutting tool.

1 Loosen the cutting carriage screw.

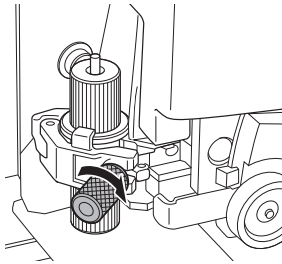


## 2. Installing the Cutting Tool

- 2 Install the cutting tool in the cutting carriage.



- 3 Tighten the screw.



- 4 Close the front cover.

- 5 Press [ENTER].

### **IMPORTANT: Handling the cutting carriage**

Leave the cutting-carriage screw loose when no cutting tool is installed. Keeping the screw firmly tightened causes the cutting tool insertion hole to become gradually smaller, making installation difficult.

# 3. Network Settings

The examples used in the procedures for making the settings described in this section assume you are using one computer and one machine. The settings used in this section are merely example settings. The procedures and setting values described here may not be suitable for all operating environments.

If the computer you're using is connected to a number of networked devices or to the Internet, incorrect settings may adversely affect the entire network. For detailed information about the settings, consult your network administrator.

## Step 1: Make the Network Settings for the Computer

### Procedure

- 1 Log on to Windows as the "Administrator" or a member of the "Administrators" group.
- 2 Display the network connections screen.

Windows 10:

- 1 From the [Start] menu, click [Settings], and then click [Network & Internet].
- 2 Click [Network and Sharing Center].
- 3 Click [Ethernet] or [Wi-Fi].

Windows 8.1:

- 1 From the [Start] menu, click [PC settings], and then click [Control Panel].
- 2 Click [Network and Internet], and then click [Network and Sharing Center].
- 3 Click [Ethernet] or [Wi-Fi].

Windows 7:

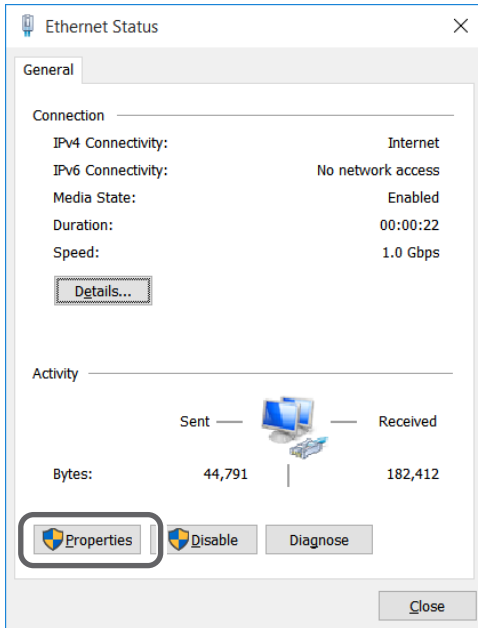
- 1 From the [Start] menu, click [Control Panel].
- 2 Click [Network and Internet], and then click [Network and Sharing Center].
- 3 Click [Local Area Connection] or [Wireless Network Connection].

### 3. Network Settings

#### 3 Click [Properties].

The [Ethernet Properties] dialog box (or the [Local Area Connection Properties] dialog box on Windows 7) appears.

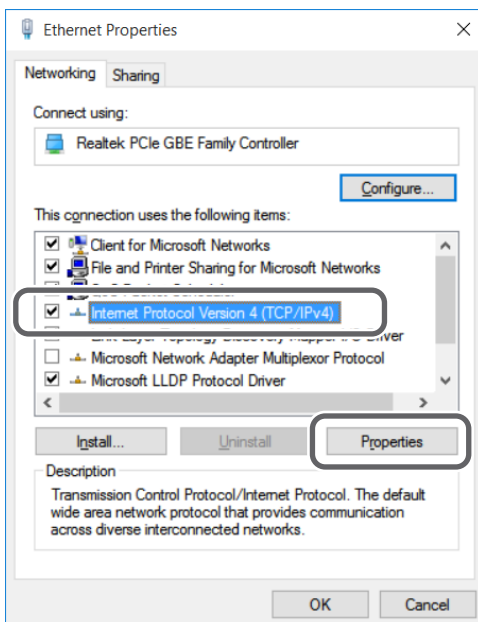
If the [User Account Control] dialog box appears, click [Continue].



#### 4 Select [Internet Protocol Version 4 (TCP/IPv4)], and then click [Properties].

If the [Internet Protocol] check box is clear, select it.

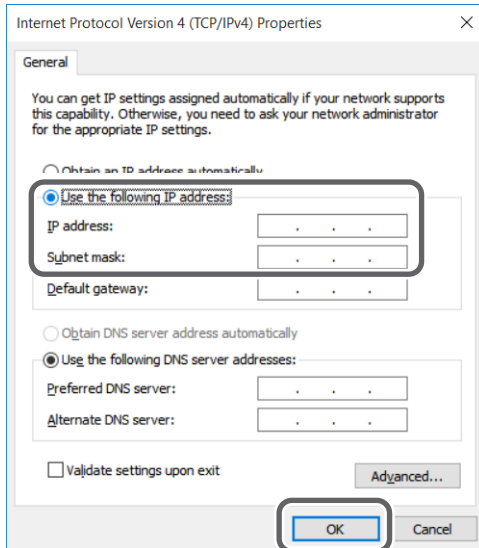
The [Internet Protocol Version 4 (TCP/IPv4) Properties] dialog box appears.



- 5 Select [Use the following IP address]. Enter the information as shown below, and then click [OK].

Item	Address to enter
IP address	192.168.0.XXX
Subnet mask	255.255.255.0

Here, "XXX" can be any number from 1 to 254. However, be sure to specify a number that is different from the numbers used for other computers and devices.



- 6 Close this window to return to the original state.

Windows 10, 8.1

Click [OK] in the [Internet Protocol Version 4 (TCP/IPv4) Properties] dialog box, click [Close] in the [Ethernet Properties] dialog box, and then click [Close] in the [Ethernet Status] dialog box.

Windows 7

Click [OK] in the [Internet Protocol Version 4 (TCP/IPv4) Properties] dialog box, click [Close] in the [Local Area Connection Properties] dialog box, and then click [Close] in the [Local Area Connection Status] dialog box.

## Step 2: Make the Network Settings on the Printer

### 1. Set the IP address.

1 Press [MENU].

```
MENU      ◀◆
SYSTEM INFO. ▶
```

2 Press [▼] several times to display the screen shown below.

3 Press [▶] once, and then press [▼] several times to display the screen shown below.

```
SYSTEM INFO. ◀◆
NETWORK      ▶
```

4 Press [▶] three times to display the screen shown below.

```
IP ADDRESS  ◀◆▶
  0.  0.  0.  0▶
```

5 Press [▲] or [▼] to select the address number.

6 Press [▶].

7 Repeat steps 5 and 6 to set [IP ADDRESS] (192.168.0.XXX).

Here, "XXX" can be any number from 1 to 254. However, be sure to specify a number that is different from the setting you made in Step 1 and from the numbers used for other computers and devices.

For the part corresponding to [192.168.0], apply the same value as the setting of your computer.

Here, [192.168.0.3] is entered by way of example.

```
IP ADDRESS  ◀◆▶
192.168.  0.  3▶
```

8 When you have finished making the setting, press [ENTER].

9 Press [◀] to go back to the screen shown below.

```
NETWORK      ◀◆
IP ADDRESS    ▶
```



## 2. Set the subnet mask.

- 1 Press [▼] to display the screen shown below.

```
NETWORK      ◀◆
SUBNET MASK  ▶
```

- 2 Press [▶] twice to display the screen shown below.

```
SUBNET MASK  ◀◆▶
  0.  0.  0.  0▶
```

- 3 Press [▲] or [▼] to select the address number.

- 4 Press [▶].

- 5 Repeat steps 3 and 4 to set [SUBNET MASK] to "255.255.255.0."

Note: For the subnet mask, make the setting the same value as the one used by the computer. Here, "255.255.255.0" is entered by way of example.

```
SUBNET MASK  ◀◆▶
255.255.255. 0▶
```

- 6 When you have finished making the setting, press [ENTER].

- 7 Press [◀] to go back to the screen shown below.

```
NETWORK      ◀◆
SUBNET MASK  ▶
```

If you are using the computer and the machine on a one-to-one basis, this completes the settings to make on the printer.

Press [MENU] to go back to the original screen. Then, proceed to P. 60 "Step 3: Make the Port Settings for the Software RIP".

If you need to set the gateway address, proceed to the following procedure.

#### 3. Set the gateway address.

---

- 1 Press [▼] to display the screen shown below.

```
NETWORK      ◀◆
GATEWAY ADDR. ▶
```

- 2 Press [▶] twice to display the screen shown below.

```
GATEWAY ADDR. ◀◆▶
  0.  0.  0.  0↵
```

- 3 Press [▲] or [▼] to select the address number.

- 4 Press [▶].

- 5 Repeat steps 3 and 4 to set [GATEWAY ADDR.] to "255.255.255.255."

For the value to enter for your gateway address, consult your network administrator. Here, "255.255.255.255" is entered by way of example.

```
GATEWAY ADDR. ◀◆▶
255.255.255.255↵
```

- 6 When you have finished making the setting, press [ENTER].

- 7 Press [MENU] to go back to the original screen.

### Step 3: Make the Port Settings for the Software RIP

The settings for the software RIP will be made here. For settings information, refer to the documentation for the software RIP.

---

#### Confirming that a network connection has been established

---

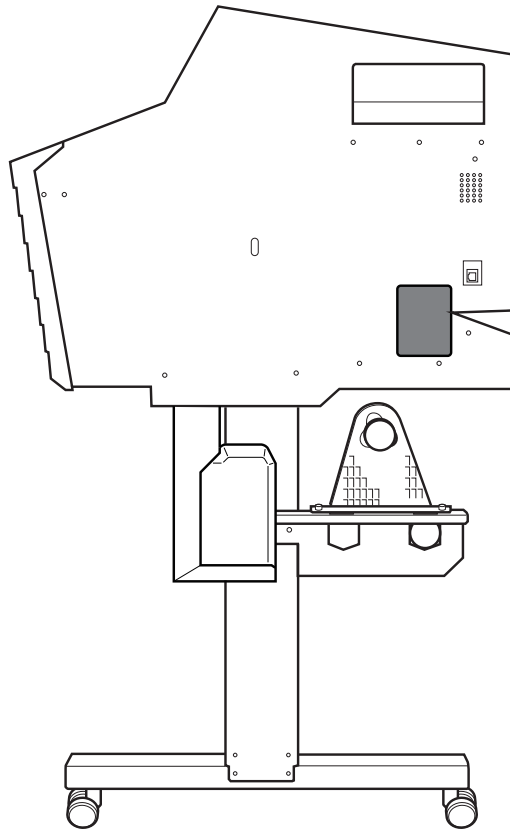
Refer to the documentation for the software RIP you are using.

# 3. Appendix

---

Location of the Power Rating and Serial Number Label .....	62
Specifications .....	63

# Location of the Power Rating and Serial Number Label



## **Serial number**

**This number is required when you seek maintenance, servicing, or support. Never peel off the label.**

## **Power rating**

**Use an electrical outlet that meets the requirements for voltage, frequency, and amperage given here.**

**Right side**

# Specifications

		VG2-640	VG2-540
<b>Printing method</b>		Piezo ink-jet method	
<b>Media</b>	<b>Width</b>	315 to 1,625 mm (12.4 to 64 in.)	275 to 1,371 mm (10.8 to 54 in.)
	<b>Thickness</b>	Max. 1.0 mm (39 mil) with liner, for printing Max. 0.4 mm (16 mil) with liner and 0.22 mm (9 mil) without liner, for cutting	
	<b>Roll outer diameter</b>	Max. 210 mm (8.3 in.)	
	<b>Roll weight</b>	Max. 40 kg (89 lb.)	Max. 30 kg (66 lb.)
	<b>Core diameter (*1)</b>	76.2 mm (3 in.) or 50.8 mm (2 in.)	
<b>Printing/cutting width (*2)</b>		Max. 1,600 mm (63 in.)	Max. 1,346 mm (53 in.)
<b>Ink</b>	<b>Type</b>	TrueVIS INK 500 ml pouch (only white 250 ml)	
	<b>Color</b>	Eight colors (cyan, magenta, yellow, black, light black, orange, green, and white) Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, and white) Eight colors (cyan, magenta, yellow, black, light cyan, light magenta, light black, orange) Seven colors (cyan, magenta, yellow, black, light black, orange, and green) Four colors (cyan, magenta, yellow, and black)	
<b>Printing resolution (dots per inch)</b>		Max. 1,200 dpi	
<b>Cutting speed</b>		10 to 300 mm/s (0.4 to 11.8 in/s)	
<b>Blade force (*3)</b>		30 to 500 gf	
<b>Blade</b>	<b>Type</b>	Roland CAMM-1 series blade	
	<b>Offset</b>	0.000 to 1.500 mm (0.0 to 59.1 mil)	
<b>Software resolution (when cutting)</b>		0.025 mm/step (0.98 mil/step)	
<b>Distance accuracy (when printing) (*4) (*5)</b>		Error of less than $\pm 0.3\%$ of distance traveled or $\pm 0.3$ mm ( $\pm 11.8$ mil), whichever is greater	
<b>Distance accuracy (when cutting) (*4)</b>		Error of less than $\pm 0.4\%$ of distance traveled or $\pm 0.3$ mm ( $\pm 11.8$ mil), whichever is greater When distance correction has been performed (when the setting for [CUTTING MENU] - [CALIBRATION] has been made): Error of less than $\pm 0.2\%$ of distance traveled or $\pm 0.1$ mm ( $\pm 3.9$ mil), whichever is greater	
<b>Repeatability (when cutting) (*4) (*6)</b>		$\pm 0.1$ mm ( $\pm 3.9$ mil) or less	
<b>Alignment accuracy for printing and cutting (*4) (*7)</b>		$\pm 0.5$ mm ( $\pm 19.7$ mil) or less	
<b>Alignment accuracy for printing and cutting when reloading media (*4) (*8)</b>		Error of less than $\pm 0.5\%$ of distance traveled, or $\pm 3$ mm ( $\pm 0.2$ in.), whichever is greater	
<b>Media heating system (*9)</b>		Print heater set temperature: 30 to 45°C (86 to 112°F) Dryer set temperature: 30 to 50°C (86 to 122°F)	
<b>Connectivity</b>		Ethernet (100BASE-TX/1000BASE-T, automatic switching)	
<b>Power-saving function</b>		Automatic sleep feature	
<b>Power requirements</b>		AC 100 to 120 V $\pm 10\%$ , 8.0 A, 50/60 Hz or AC 220 to 240 V $\pm 10\%$ , 4.1 A, 50/60 Hz	
<b>Power consumption</b>	<b>During operation</b>	Approx. 1,090 W	
	<b>Sleep mode</b>	Approx. 40 W	
<b>Acoustic noise level</b>	<b>During operation</b>	63 dB (A) or less	
	<b>During standby</b>	53 dB (A) or less	

## Specifications

		VG2-640	VG2-540
<b>Dimensions (with stand)</b>		2,945 (W) × 730 (D) × 1,310 (H) mm (116 [W] × 28.8 [D] × 51.6 [H] in.)	2,685 (W) × 730 (D) × 1,310 (H) mm (105.8 [W] × 28.8 [D] × 51.6 [H] in.)
<b>Weight (with stand)</b>		204 kg (450 lb.)	188 kg (415 lb.)
<b>Environment</b>	<b>During operation (*10)</b>	Temperature: 20 to 32°C (68 to 90°F), humidity: 35 to 80%RH (no condensation)	
	<b>Not operating</b>	Temperature: 5 to 40°C (41 to 104°F), humidity: 20 to 80%RH (no condensation)	
<b>Included items</b>		Dedicated stands, power cord, media holders, replacement blade for separating knife, cleaning liquid, drain bottle, User's Manual, etc.	

\*1 The media holders of this machine are designed to be used exclusively with media that has a paper tube (core) with an inner diameter of 3 inches. To use 2-inch media, the optional media flanges are required.

\*2 The length of printing or cutting is subject to the limitations of the program.

\*3

- 500 gf is the maximum instantaneous blade force.
- The blade force must be adjusted according to details such as the media thickness.

\*4

- Media type: Media specified by Roland DG Corporation
- Temperature: 25°C (77°F), humidity: 50%RH
- Roll media must be loaded correctly.
- Applicable when all pinch rollers that can be used with the media width are used
- Side margins: 25 mm (1.0 in.) or more for both the left and right margins
- Excluding expansion/contraction of the media
- Not assured when the print heater or dryer is used.
- Assumes all correction and adjustment functions of the machine have been used properly

\*5

- Print travel: 1 m (39.4 in.)

\*6

- [PREFEED] menu item must be set to "ENABLE."

### Range for assured repetition accuracy

- For media with a width exceeding 610 mm (24.0 in.): Length: 4,000 mm (157.5 in.)
- For media with a width of 610 mm (24.0 in.) or less: Length: 8,000 mm (315.0 in.)

\*7

- Provided that the media feed length is 3,000 mm (118.1 in.) or less
- Excludes the effects of slanted movement and of expansion and contraction of the media

\*8

- Data size:  
64-inch model: 1,000 mm (39.4 in.) in the media-feed direction, 1,600 mm (63.0 in.) in the carriage-movement direction  
54-inch model: 1,000 mm (39.4 in.) in the media-feed direction, 1,346 mm (53.0 in.) in the carriage-movement direction
- No lamination
- Automatic detection of crop marks at four points when media is reloaded
- During cutting, [PREFEED] menu item must be set to "ENABLE."
- Excluding possible shift caused by expansion/contraction of the media and/or by reloading the media

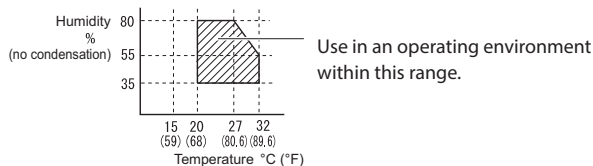
\*9

- Warm-up is required after power up. This may require 5 to 20 minutes, depending on the operating environment.

- Depending on the ambient temperature and the media width, the set temperature may not be reached.

\*10

- Operating environment



A series of horizontal dotted lines for writing.

MEMO

---

A series of horizontal dotted lines for writing.