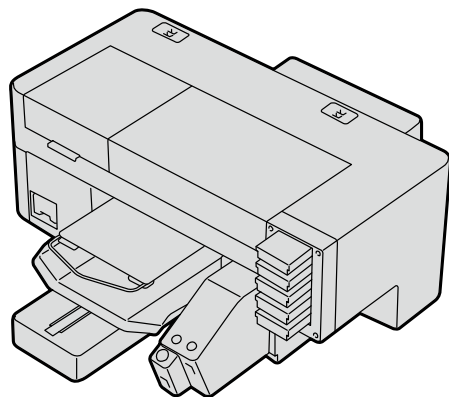




GTX300NC Professional Use

GARMENT PRINTER
Setup Manual Ver.1.1

Please be sure to read this manual before using this product.
Keep this manual in a safe place for future use.
This printer should only be used by operators who are
appropriately trained in its safe operation.

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Please be sure to read "SAFETY INSTRUCTIONS" before use.

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SAFETY INSTRUCTIONS

Thank you very much for buying a BROTHER printer. Before using your new printer, please read the "SAFETY INSTRUCTIONS" and handling instructions carefully.

SAFETY INSTRUCTIONS

1. Safety indications and their meanings

This instruction manual and the indications and symbols that are used on the printer itself are provided in order to ensure safe operation of this printer and to prevent accidents and injury to yourself or other people.

The meanings of these indications and symbols are given below.

Indications

 DANGER	The instructions which follow this term indicate situations where failure to follow the instructions will result in death or serious injury.
 WARNING	The instructions which follow this term indicate situations where failure to follow the instructions could result in death or serious injury.
 CAUTION	The instructions which follow this term indicate situations where failure to follow the instructions may result in minor or moderate injury.

IMPORTANT

The instructions which follow this term indicate situations where failure to follow the instructions may result in damage to property.

NOTE

The instructions which follow this term indicate precautions and restrictions for use.

Symbols

	This symbol indicates something you must not do.
	This symbol indicates something you must not allow to come into contact with liquids.
	This symbol indicates something you must not disassemble.
	This symbol indicates something you must not touch.
	This symbol indicates something you must do.
	This symbol indicates you must make a ground connection.
	This symbol indicates you must unplug the power cord immediately.

2. Notes on safety

Basic Information

DANGER



Contact with high voltage sections may lead to serious injury. Turn off the power, and remove the cover 5 minutes later.

WARNING



This printer should only be used by operators who are appropriately trained in its safe operation.



The printer is not suitable for use in places where children are present.



To prevent accidents and malfunctions, do not modify the machine yourself. Brother will not be held responsible for any accidents or malfunctions resulting from modifications made to the printer.



Do not handle the power plug with wet hands. Otherwise, it may cause electric shocks.



Do not allow the printer to come into contact with liquids. Otherwise, it may cause fire, electric shocks, or malfunctions.



Do not place containers filled with liquids on top of the printer.



In the following cases, immediately turn off the power, disconnect the power plug, and contact your dealer or a qualified technician.

- Any foreign object or liquid gets inside the printer
- The printer is dropped
- You notice any abnormal condition, such as smoke or a bad odor coming from the printer

If you continue to use the printer while there is a foreign object inside, it may result in fire, electric shocks, or malfunctions.

CAUTION



If a malfunction occurs with the operation of the printer, contact your dealer or a qualified technician.



Use the printer in a place adequately ventilated. A slight odor is generated when the printed articles are being fixed by heat.

Unpacking, transporting, and installing

WARNING



Only a qualified technician should unpack, transport, and install the printer.



Do not set up the printer in a dusty environment. If dust collects inside the printer, it may cause fire, electric shocks, or malfunction.



When lifting the printer, be sure to lift it horizontally so that it does not tilt. Otherwise, the printer may fall and cause injury or malfunctions.

WARNING



When lifting the printer from the packing materials or moving it, ensure the area around your feet is clear and safe before starting work. Otherwise, the printer may fall and cause injury or malfunctions.



Be sure to connect the ground. Otherwise, it may cause electric shocks or malfunctions.



Do not bend or crush the cord. Otherwise, it may cause fire or electric shocks.



Do not move the platen by hand. Otherwise, your finger may be caught in the moving parts and injured.



When removing the platen base, remove only the platen top plate first. Otherwise, the platen base and top plate may come off together unexpectedly and fall, causing injury.

CAUTION



The printer weighs 115 kg (253 lb). Transporting and setting up the printer should be done properly. Otherwise, the printer may fall and cause injury or malfunctions.



The printer has adjusters on the bottom. Be careful not to let them get caught on the table when installing the printer.



Do not place the printer on a shaky table, high shelf, or other unstable location. Otherwise, the printer may fall and cause injury or malfunctions. Furthermore, the table that supports the printer should be at least 35.4 in. (90 cm) in width and 23.6 in. (60 cm) in depth, and should be able to bear a weight of 150 kg (330 lb) or more.



Do not set up the printer in a place where it will be affected by vibration. Otherwise, the printing quality may be degraded, or the printer may fall and cause injury or malfunctions.



Do not connect the power plug until installation is complete. The printer may operate if the power is turned on by mistake, which could result in injury.



Do not climb onto the printer or place heavy objects on top of it. Otherwise, the printer may fall and cause injury or malfunctions.



Be careful not to touch the claws of the mounting portion on the upper side of the rear cover. Otherwise, you may get injured.

IMPORTANT



The printer has four adjusters and anti-tip rubber feet on the bottom. When installing the printer, be sure to set it so that the anti-tip rubber feet do not come off the table.

Printing

WARNING



Keep your finger or any body part away from rotating fans. Otherwise, it will get caught up, leading to injuries.

CAUTION



Ensure there is adequate space left in front of the printer and avoid placing any objects. Otherwise, your hand may be caught by the platen and injured.



Do not touch the printed material while the printer is operating. Otherwise, your hand may be caught and injured.



Do not put your hands inside any cover while the power is on. Otherwise, your hands may touch against moving parts, and this may result in injury.



When the pretreatment is applied to printed objects (such as a T-shirt) with a spray or pretreatment applicator, sprayed mist is generated. So, wear plastic gloves, a mask, and protective glasses (or goggles) designed to shield against liquid splash, and make sure the work area is well ventilated.

IMPORTANT



Do not move the platen by hand. Otherwise, it may cause a malfunction.



Ensure there is adequate space left in front of the printer and avoid placing any objects. The platen may be hit and damaged.

Maintenance

CAUTION



Be careful not to pinch your fingers when closing the main cover. Otherwise, the operator may get injured.



When you replace the head, be careful not to hit, rub, or pinch your hands or fingers. Otherwise, you may get injured.



Do not touch the edges of parts inside the ink cartridge when installing the ink pouch. Otherwise, you may get injured.



Do not drink liquids such as the ink, maintenance solution, cleaning solution, pretreatment, waste liquid, or grease. They may cause diarrhea or vomiting. Keep the liquids out of the reach of children.



If the ink, maintenance solution, cleaning solution, pretreatment, waste liquid, or grease comes into contact with your eyes or skin, it may cause irritation or inflammation. Do not disassemble the ink pouch. In case of contact with eyes, do not rub but immediately rinse the eyes with water.



Follow the corresponding instructions in this manual when you put your hands inside the cover during regular maintenance while the power is turned on.

CAUTION



When replacing parts and installing optional accessories, be sure to use only genuine Brother parts. Brother will not be held responsible for any accidents or malfunctions resulting from the use of non-genuine parts.



When replacing parts or installing optional accessories, be sure to follow the procedures described in the Instruction Manual. Incorrect procedures could cause injuries or problems.

Others

NOTE



Use the printer in an area that is free from sources of strong electrical noise, such as electrical line noise or static electric noise. Sources of strong electrical noise may cause a malfunction.



Any fluctuations in the power supply voltage should be within $\pm 10\%$ of the rated voltage for the printer. Voltage fluctuations that exceed this threshold may cause a malfunction.



The power supply capacity should be greater than the requirements for the printer's power consumption. Insufficient power supply capacity may cause a malfunction.



In the event of an electrical storm, turn off the power and disconnect the power plug from the wall outlet. Lightning may cause a malfunction.

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<About the CE declarations>

Downloadable from: <https://www.brother.com>



If the label is peeled off or illegible, contact your dealer.
For the latest information, refer to the label attached to the
consumables and the SDS available on our website.

	
⚠ 警告	⚠ WARNUNG
回転部危険。 手や体を近づけないこと。	Teile in Bewegung. Halten Sie Finger und andere Körperteile ab Abstand.
⚠ 警告	⚠ AVERTISSEMENT
座席部位危険。 手や脚を体に入らないで。	Pièces molles dangereuses. Éloignez les doigts et autres parties du corps.
⚠ WARNING	⚠ ADVERTENCIA
Hazardous moving parts. Keep fingers and other body parts away.	Partes peligrosas en movimiento. Por favor, manténgase alejado.
⚠ ATENÇÃO	⚠ AVVERTENZA
Pecas móveis perigosas. mantenha os dedos e outras partes do corpo afastadas.	Attenzione parti in movimento. Tenere le dita e altre parti del corpo lontane.

[illegible]

CAUTION  Do not drink the liquid under any circumstances, as it contains strong irritants and may cause vomiting and diarrhea. Do not contact with your eyes or on your skin, otherwise the liquid will irritate the skin.	VORSICHT Bitte trinken Sie nicht aus Glasplastiken, da die Gefahr von Erbrechen und Diarrhöen besteht. Berühren Sie nicht Ihre Augen und Ihre Haut, da sonst die Flüssigkeit mit Augen und auf Ihrer Haut, anderenfalls wird die Flüssigkeit auf der Haut irritieren. Halten Sie die Flüssigkeit vom Kind fern.	ATTENZIONE Non bere per nessun motivo questa pozione per evitare vomiti o diarrea. Evitare di toccare gli occhi e la pelle poiché potrebbero irritarsi. Evitare di toccare la pelle e il corpo, altrimenti la pozione irrita la pelle. Mantenga la pozione dalla portata dei bambini.	注意 この液を飲むことは絶対にやめ、インフルエンザの症状を悪化させる恐れがあります。目や皮膚にこの液が触れないようにしてください。皮膚や衣服に付いた場合は、衣服を洗い落とす必要があります。子供の手の届かないところに置くようにしてください。
ATTENTION Do not put under any circumstances the liquid in your mouth, as it contains strong irritants and may cause vomiting and diarrhea. Do not contact with your eyes or on your skin, otherwise the liquid will irritate the skin.	ATTENTION Ne timez pas de mettre la cuillère dans votre bouche, car elle contient de fortes irritations et peut provoquer des vomissements et de la diarrhée. Ne touchez pas vos yeux et votre peau, car sinon la liqueur irritera votre peau.	CUIDADO No boba nem a cuillère sem nenhuma circunstância, pois esse líquido contém irritantes fortes e pode causar vômitos e diarreia. Não toque nos olhos e a pele, pois a poção irrita a pele.	注意 この液を口に入れることは絶対にやめ、インフルエンザの症状を悪化させる恐れがあります。目や皮膚にこの液が触れないようにしてください。皮膚や衣服に付いた場合は、衣服を洗い落とす必要があります。子供の手の届かないところに置くようにしてください。
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brother	⚠ 注意	⚠ 注意	⚠ CAUTION
グリース 油膏 GREASE	目に入ったり皮膚につくとき、 水で洗い流すこと。汚れる 部分ぬぐう。手袋を脱ぐこと。 食べないこと。下着、履き替える。 食べないこと。	如皮膚や眼中に落し或は皮膚上、 衣服に付くときは、速に水で洗い 流すこと。汚れた衣服は速に 洗濯すること。手袋、 汚物食用。	Lubricating grease may cause inflammation to eye and skin. Wear protective glasses and gloves. Swallowing grease can cause diarrhoea and vomiting. Do not swallow.



**Cleaning Solution
Reinigungs- und Spülöl
Solution de nettoyage
Soluzione per pulizia**

清潔油
洗滌液

GC350A01-02K

1.8L

for use with
für
à utiliser avec
primaire ou unique color
des couleurs CMYK
primaires.

GC350

**Use before / Verwenden vor
l'usage avant / Usar antes de
Usò prima di 印刷前 / 印刷前**

Made in Japan
Produced in Japan
Printed in Japan
Designed in Japan

兄弟工業株式会社
フタトモチヲ株式会社
兄弟工業（株）
兄弟工業（株）

兄弟工業株式會社上海代表公司
SHANGHAI REPRESENTATIVE COMPANY OF BROTHER INDUSTRIES LTD.
BROTHER INDUSTRIES, LTD.

CAUTION Do not drink the liquids under any circumstances. They can cause vomiting and diarrhea. Take care not to let the liquids come into contact with your eyes or other body parts. Otherwise information can result. Keep the liquids out of the reach of children.	VOORSICHT Bitte trinken Sie nicht die Flüssigkeiten. Sie können Erbrechen und Durchfall bewirken. Vermeiden Sie den Kontakt der Flüssigkeiten mit Ihren Augen, Ihrer Haut, sonst können diese gerötet werden. Bitte vermeiden Sie den Kontakt der Flüssigkeiten mit anderen Körperteilen. Sonst kann Falschinformation resultieren. Halten Sie die Flüssigkeiten von Kindern fern.
ATTENTION Ne pas suivre les liquides d'aucune manière, car ils peuvent entraîner vomissements et diarrhées. Prenez garde de ne pas laisser les liquides entrer en contact avec vos yeux ou d'autres parties du corps. Sinon, vous pouvez entraîner une information. Maintenez les liquides hors de portée des enfants.	ATENCIÓN No tomar los líquidos de ninguna manera, como pueden causar vómitos y diarreas. Evite el contacto de los líquidos con los ojos o en las partes del cuerpo. De lo contrario, puede haber información. Mantenga los líquidos fuera del alcance de los niños.
ATTENZIONE Non bere per nessun motivo i liquidi poiché possono causare vomiti e diarrea. Evitare il contatto dei liquidi con gli occhi e con la pelle poiché possono causare irritazioni. Conservare i liquidi lontano dalla portata dei bambini.	注意 下痢や吐きなどの副作用があるため、インフルエンザの薬を飲まずに、この薬液を飲まないでください。インフルエンザの薬液が目のほかの体の部分と接触しないようご注意ください。また、その薬液が子どもに届くことにもご注意ください。
CUÍDAO Não beba os líquidos de qualquer maneira, pois podem causar vômitos e diarreias. Tome cuidado de não deixar que os líquidos entrem em contato com os olhos ou as peles, caso contrário, podem ocorrer irritações. Mantenha os líquidos fora do alcance das crianças.	服用方法と注意事項 1. 用法・用量は必ず守ってください。 2. 副作用として嘔吐や下痢、また、目のほかの体の部分に薬液が接触すると、かぶれや赤みなどの副作用が生じる場合があります。 3. 小児が薬液を飲むのを防ぐため、薬液は子どもの手の届かないところに保管してください。

<When you dispose of the machine>

Required Tools

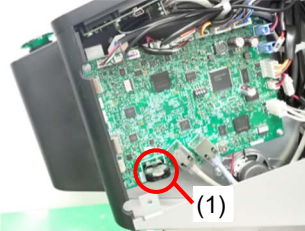
Phillips screwdriver: M3 to M5

Disassembling

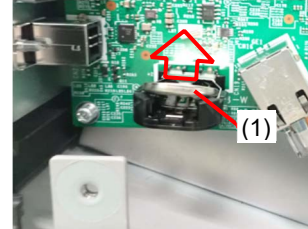
1) Remove the Cover PANEL SIDE.



2) You can see Lithium Battery (1) like following picture.



3) Remove the Lithium Battery (1) by pulling out the holder in the direction of the arrow.



* Dispose of the battery in accordance with local regulations.

Note based on California law (USA) on the use and handling of Perchlorate

This product contains a CR Coin Lithium Battery which contains Perchlorate Material – special handling may apply.

See

<http://www.dtsc.ca.gov/hazardouswaste/perchlorate>.

Unpacking, transporting, and installing

1 Preparing the required tools

Prepare the following tools for unpacking and installation:

- Work gloves (with anti-slip)
- Scissors
- Phillips screwdriver
- Level gauge (with an accuracy of ± 1 mm/1 m or more)
- Open-ended wrench: 0.67 in. (17 mm)

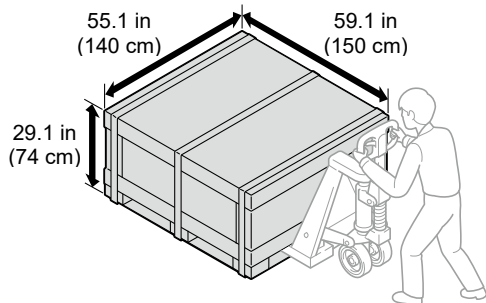
2 Transporting in the packing condition

Transport the printer to the unpacking location using a hand lift (forklift).



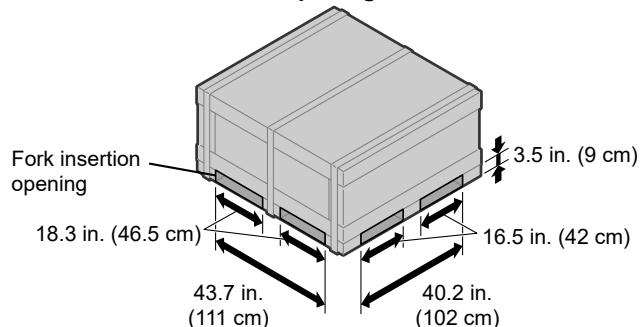
Refer to the following recommended hand lift size:

- Fork (tine): 5.9 in. $\times$ 47.2 in. (15 cm $\times$ 120 cm)
- Distance between forks: 15.7 in. (40 cm)



X2206

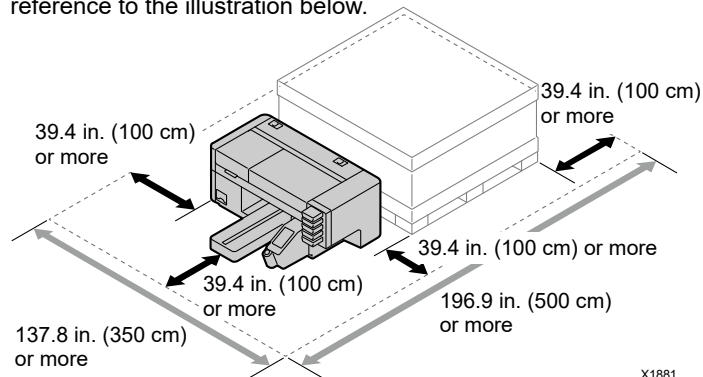
Width of fork insertion opening



X2235

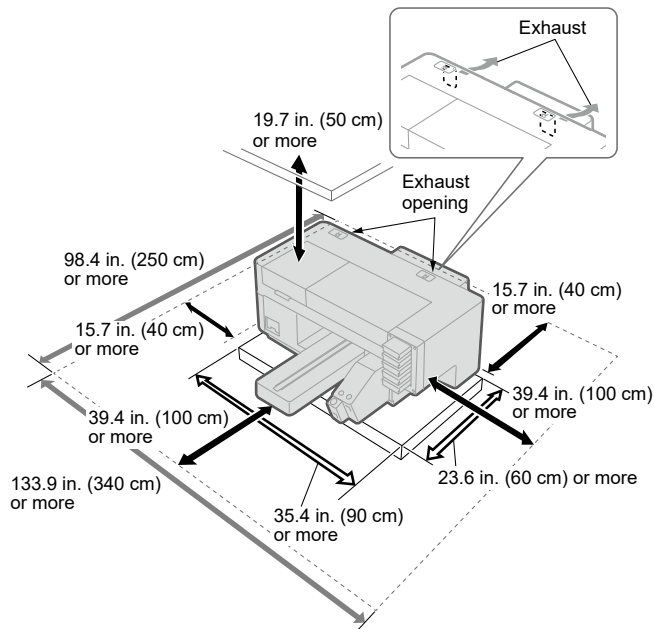
3 Checking the unpacking site

When unpacking, make sure to clear the workspace with reference to the illustration below.



X1881

4 Checking the installation site



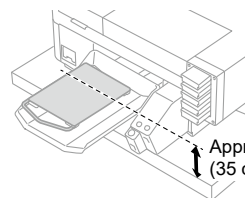
X1802

IMPORTANT

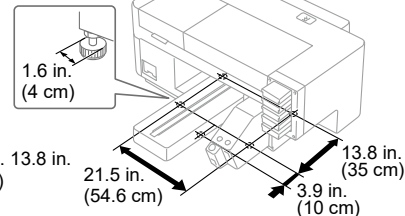
The ink pouch for use in the initial installation should be sent in advance to the location where to install the printer and stored indoor.

*If you use ink at extremely low temperature when the outside temperature is low or in the cold season, the ink becomes hard to flow during ink installation.

Platen height dimension



Leg dimension



X1803

- Use the printer under the following environmental conditions:

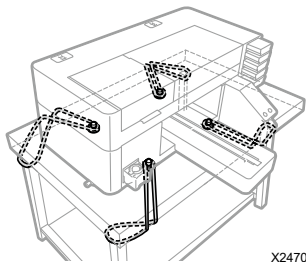
Environment		Temperature	Humidity
Keeping your printer		0°C (32°F) to 40°C (104°F)	20 % to 85 % (no condensation)
Working Environment *1	For T-shirt printing	10°C (50°F) to 35°C (95°F)	20 % to 85 % (no condensation)
	For film printing		20 % to 65 % (no condensation)
Recommended Print Environment *2	For T-shirt printing	18°C (64.4°F) to 30°C (86°F)	35 % to 85 % (no condensation)
	For film printing	19°C (66.2°F) to 30°C (86°F)	35 % to 65 % (no condensation)

Electrical Requirements	Power	Rated Current
—	Single-phase 100-240 V, 50/60 Hz	1.8 A

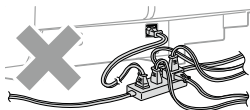
*1: Environmental range where the printer can be operated.

*2: Environmental range where sufficient printing quality can be secured.

- Avoid direct sunlight and dust.
- The body size is 51.2 in. (width) x 59.1 in. (depth) x 22.6 in. (height) (130 cm (width) x 150 cm (depth) x 57.5 cm (height)). The printer weighs 115 kg (253 lb).
- Dimensions of the legs are 21.5 in. (54.6 cm) in width and 13.8 in. (35 cm) in depth. The diameter of the legs is 1.6 in. (4 cm).
- There are anti-tip rubber feet on the front side of the printer. Including the rubber feet, the depth is 17.7 in. (45 cm).
- The height from the table to the top surface of the platen is approx. 13.8 in. (35 cm).
- Do not use any extension cable.
- Ensure ample workspace of over 39.4 in. (100 cm) in front of and to the right side of the printer, and 15.7 in. (40 cm) or more at the rear and left side. Keep 19.7 in. (50 cm) or wider space free above the unit as well. As the air is exhausted toward the rear side, keep 7.9 in. (20 cm) or more space open behind the exhaust opening. If this space is not secured, you will have to move peripherals or the printer when making a repair.
- Furthermore, the table that supports the printer should be at least 35.4 in. (90 cm) in width and 23.6 in. (60 cm) in depth, and should be able to bear a weight of 150 kg (330 lb) or more. The tabletop should be horizontal and should not rattle when the printer is running.
- When installing the printer, place a level gage on the top surface of the platen to make adjustments so that the main unit is set horizontally level.
- In preparation for a major earthquake or other natural disasters, fix the table and the printer's adjusters with a tool like a fixing band to prevent the printer from falling from the table.
- When connecting the power cord of the printer, do not use overloaded sockets.



X2470



X1184

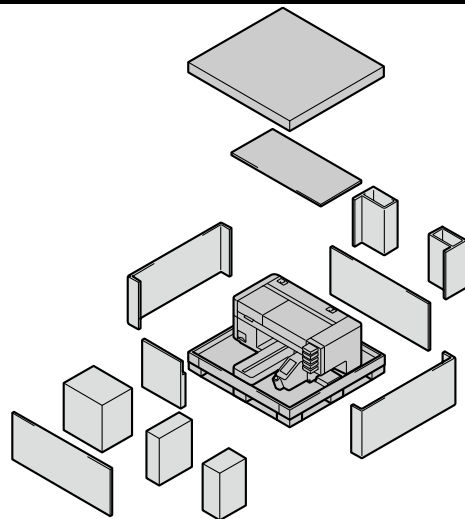
5 Unpacking

When unpacking the printer, be sure to wear work gloves to prevent injury.



CAUTION

The printer weighs 115 kg (253 lb). Unpacking should be performed by six or more people. Otherwise, the printer may fall and cause injury or malfunctions.

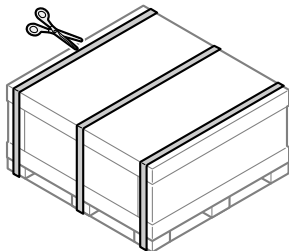


X1937

IMPORTANT

Do not turn on the power until the installation described in "P.22 Waste ink tank" has been completed. Otherwise, the printer may cause a malfunction.

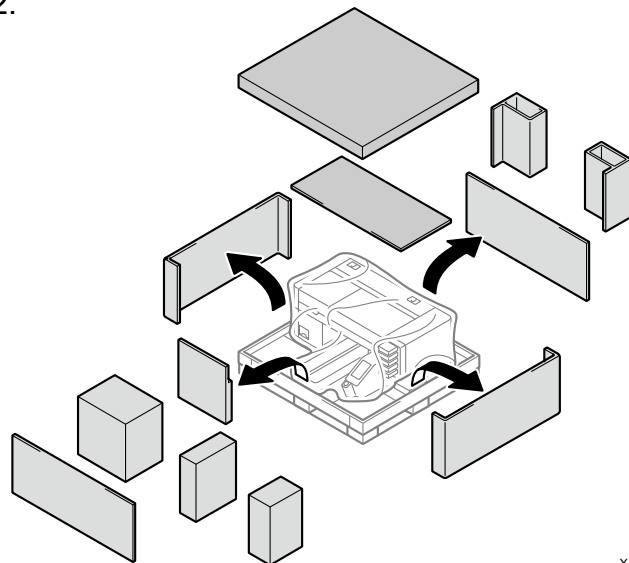
1.



Remove the band that holds the box in place.

2.

X1938



X1939

Remove the upper and side cardboard, the small inner boxes, and the packing materials.

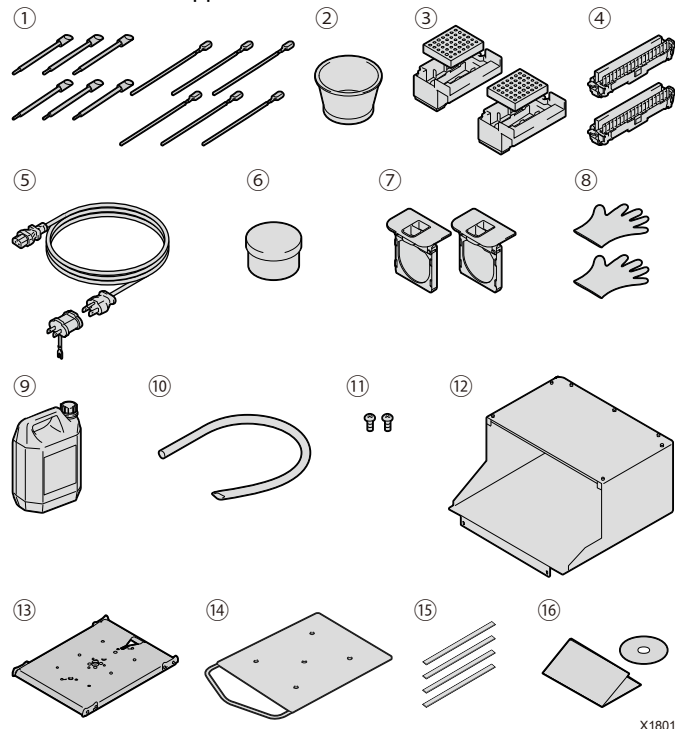


CAUTION

Move the removed cardboard out of the unpacking area. Otherwise, you may step on it and slip, which could result in injury.

For details, refer to “P.10 **3** Checking the unpacking site”.

3. Check the supplied accessories



X1801

- ① Clean stick R x 6 / Clean stick T x 6
- ② Cleaning cup
- ③ Flushing receiver x 2 / Flushing foam x 2
- ④ Wiper x 2
- ⑤ AC power cord
- ⑥ Grease
- ⑦ Filter cover / Fan filter x 2
- ⑧ Gloves (for cleaning the maintenance unit) x 2
- ⑨ Waste ink tank
- ⑩ Waste ink tube
- ⑪ Rear cover installation screw x 2
- ⑫ Rear cover
- ⑬ Platen base
- ⑭ Platen top plate (Adult platen)
- ⑮ Rubber magnets
- ⑯ Setup Manual

*Screws are already fixed with the machine.

*The print head is already installed in the printer before shipment.

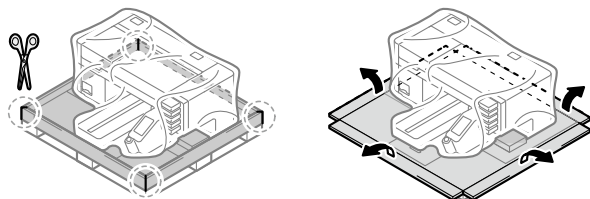


TIPS

Prepare the following items along with the supplied accessories:

- Ink pouch
Black / Magenta / Cyan / Yellow x 350 ml or more (for each)
- White 700 ml x 2
- Cleaning solution
- Pretreatment

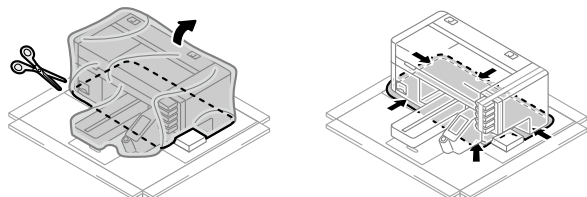
4.



X1940

Cut the four corners of the cardboard box with scissors and flatten it.

5.



X1941

Cut the bottom of the vinyl wrapping around the printer with scissors and remove the vinyl.
Push the remaining vinyl under the printer.

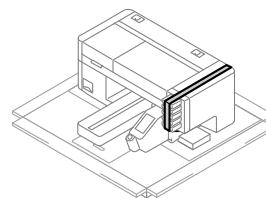


CAUTION

Do not push the vinyl into the handle recess (with a ▼ mark at the top of the handle).

Otherwise, you may lose your grip when lifting the printer, which could cause injury or malfunctions.

6.



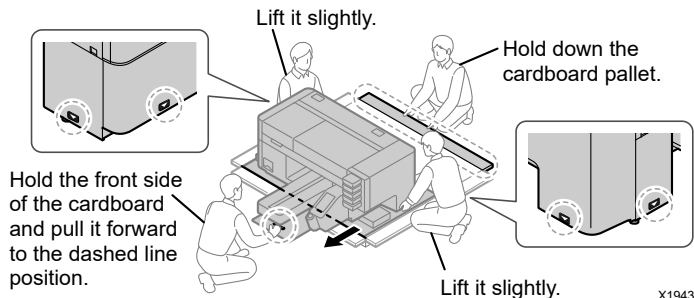
X1942

Remove the protective materials around the cartridges.

7.



This procedure is intended to move the printer to a position where it is easier to lift.



Hold the back side of the cardboard pallet to keep it from moving.

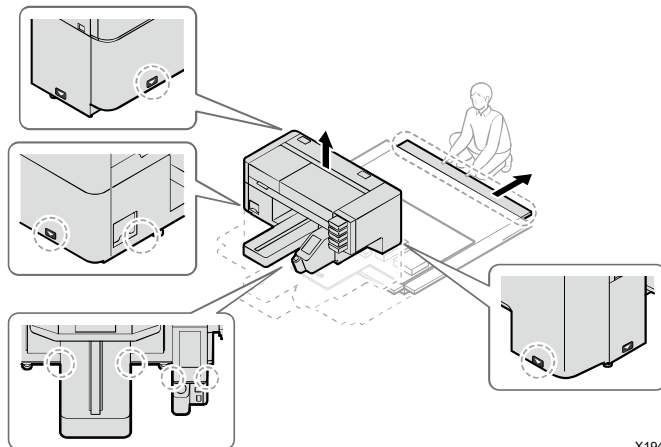
Grip the handle on the rear side of the printer and lift it while holding the cardboard at the front. Move the printer until the cut edge of the cardboard at the front aligns with the front of the printer.



WARNING

When lifting the printer, be sure to lift it horizontally so that it does not tilt. Otherwise, the printer may fall and cause injury or malfunctions.

8.



Lift the printer.

Pull the cardboard out from the back side and place the printer on the floor.



WARNING

When lifting the printer, be sure to lift it horizontally so that it does not tilt. Otherwise, the printer may fall and cause injury or malfunctions.

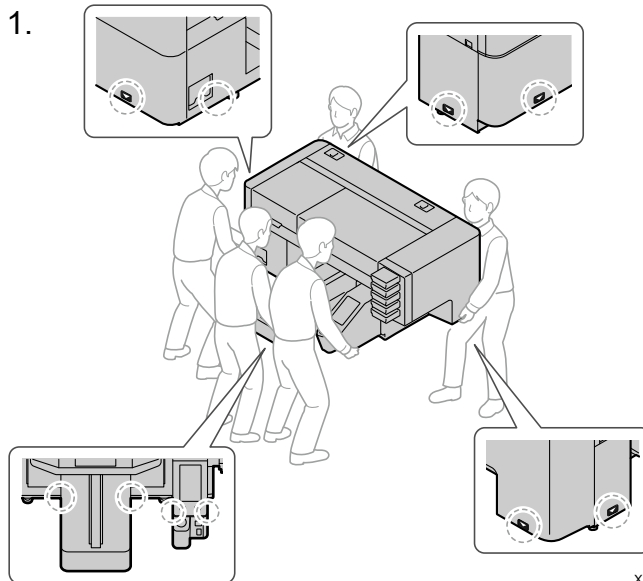


When lifting the printer from the rear side, you may step on the cardboard, or your standing position may get in the way, making it difficult to pull out the cardboard. So, take sufficient care when lifting the printer.

When lifting the printer, refer to the illustration in “P.17 **6** Moving” and lift it in the correct way.

6 Moving

1.



X1945

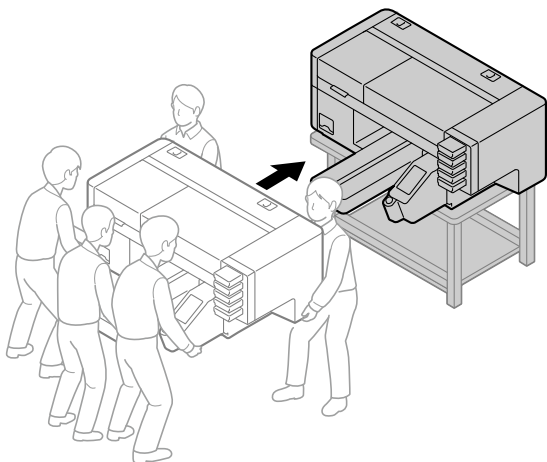
Lift the printer.



CAUTION

The printer weighs 115 kg (253 lb). When moving and installing the printer, always have five or more people perform the task, and hold the printer by the handles marked with ▼. Otherwise, the printer may fall and cause injury or malfunctions.

2.



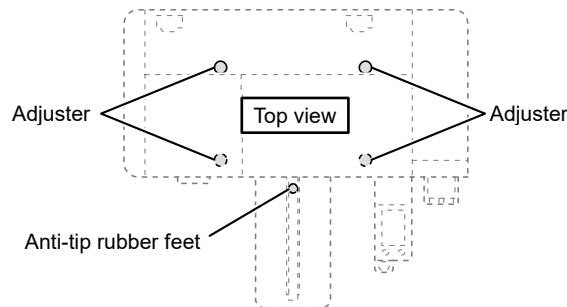
X1946

Check the route and place the printer on the table from the rear side.



CAUTION

The printer has adjusters on the bottom.
Be careful not to let them get caught on the table when installing the printer.



X2211

IMPORTANT

The printer has four adjusters and anti-tip rubber feet on the bottom. When installing the printer, be sure to set it so that the anti-tip rubber feet do not come off the table.



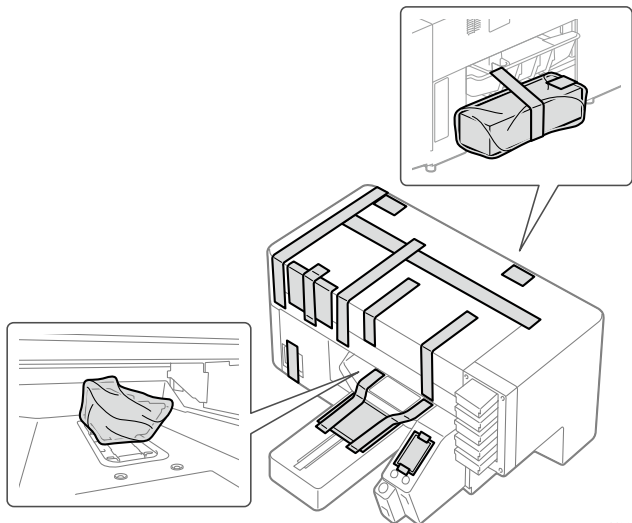
TIPS

After installing the printer, connect the waste ink tube on the left side of the printer to the waste ink tank. Refer to “P.22 Waste ink tank” and make sure to leave enough space for the waste ink tank when installing the printer.

Setup of the printer

1 Removing the protection materials

Remove all the tapes, strings and sheets shown in the following illustration.



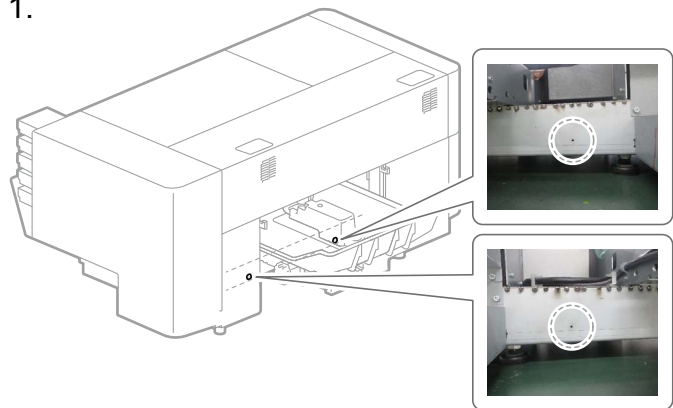
X2050

2 Mounting the supplied accessories

Mount the supplied accessories according to the following procedures.
Please note that the platen should be mounted after turning on the power.

Rear cover

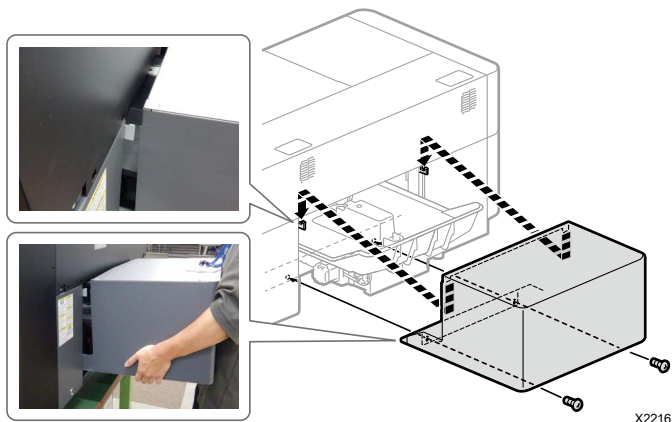
1.



X1804

Remove the two rear cover installation screws from the main unit.

2.



While lifting the rear cover upward, fit the claws into the designated positions.

Then lower the rear cover gently and tighten the screws.



CAUTION

Be careful not to touch the claws of mounting portion on the upper side of the rear cover. Otherwise you may be injured.

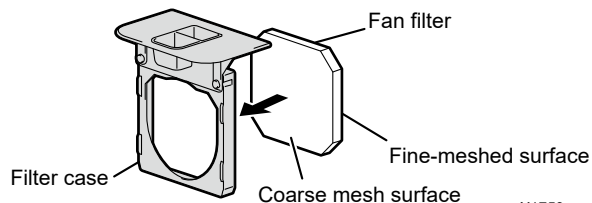
Filter cover and Fan filter

1.



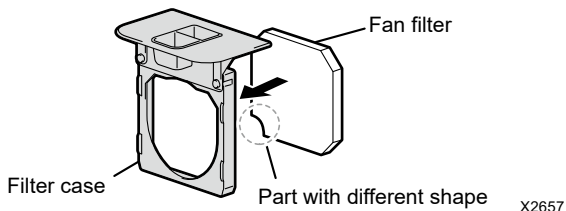
TIPS

There are two types of fan filters.
Install the appropriate fan filter you have on hand.



IMPORTANT

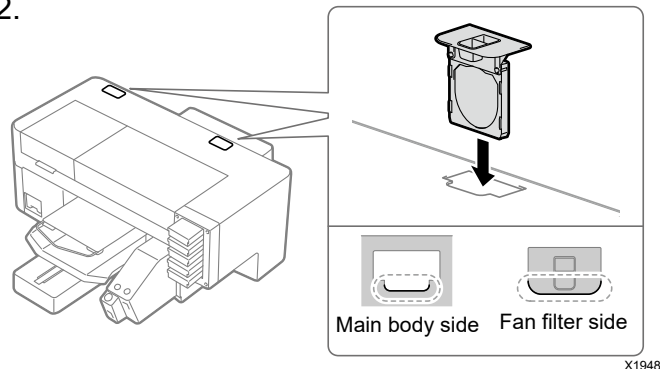
Mount the fan filter properly in the correct position in such a way that the coarse mesh side faces toward the inner area of the printer.



IMPORTANT

Mount it so that the part with the different shape is positioned as shown in the illustration.

2.

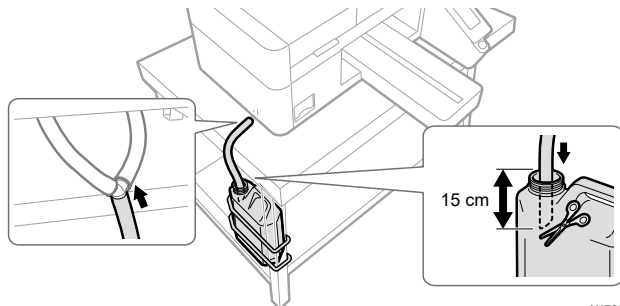


Install the fan filter so that its shape matches the main body.

IMPORTANT

Be sure not to install the fan filter in the wrong direction.

Waste ink tank



X1760

Insert the supplied waste ink tube into the Y-shaped tube on the main body. Fasten the waste ink tank to a stable object, such as a table leg, with two pieces of string. Insert the waste ink tube into the waste ink tank.

IMPORTANT

If the tip of the waste ink tube is immersed in the liquid, it will prevent the smooth flow of the waste ink, to disable the ink suction operation of the head cleaning function. After the waste ink tank is fastened, the waste ink tube should be cut so that the length from the tube connection is 15 cm. The waste ink tube should be cut diagonally.

Do not place the waste ink tube horizontally on the table, and be sure not to let it bend. Otherwise the waste ink may have difficulty flowing through the tube.



TIPS

Install the waste ink tank at the front so that the accumulated amount can be seen.

3 Turning on the power

1.



X1762

Make sure that the printer cover (a) is closed, insert the supplied AC power cord firmly into the power cord inlet (b), and connect it to the outlet.



WARNING

Be sure to connect the ground.
Otherwise, it may cause electric shocks or malfunctions.

Do not bend or crush the cord when securing it.
Otherwise, it may cause fire or electric shocks.

Do not handle the power plug with wet hands.
Otherwise, it may cause electric shocks.

2. Press the power button (c) to turn the printer power ON.



If you press the power button (c) while the printer is ON, the printer will shut down after the termination process.

3. When the Brother logo appears on the LCD panel, follow the procedures in this manual and on the LCD panel to complete the printer setup.

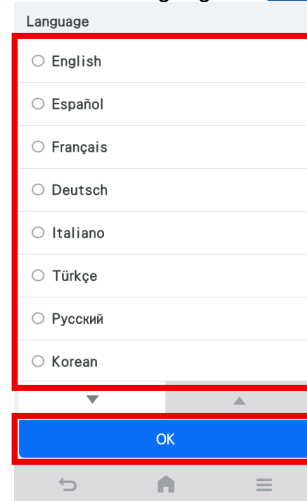


When the printer is turned on, the display will appear in English.

4 Configuring the language

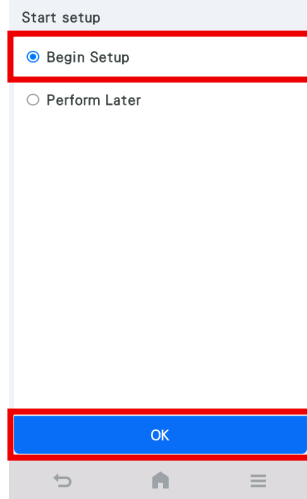
Perform this operation while the printer is in Standby mode.

- 1) Select the language -> **OK**



5 Select the setup start method.

1) Select [Begin Setup] -> **OK**



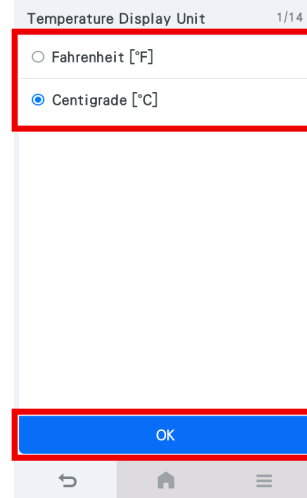
TIPS

If you select [Perform Later], the display switches to the standby screen. Complete the setup individually from the menu  as needed.

6 Setting the temperature display unit

Select the unit of temperature to be displayed for the test print after ink installation.

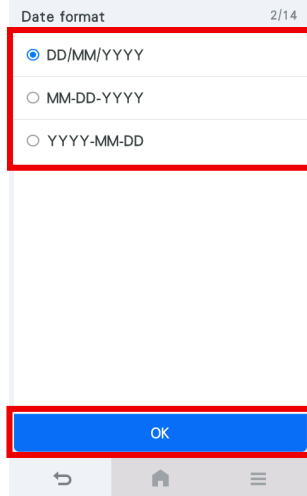
1) Select the unit of temperature to be displayed -> **OK**.



7 Setting the date format

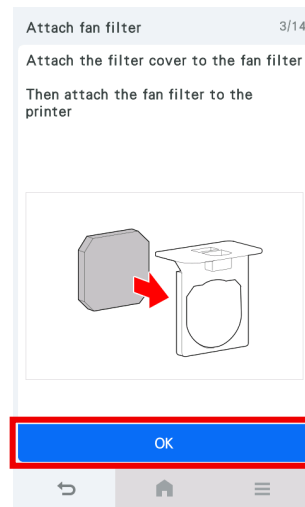
Select the date format to be displayed for the test print after ink installation.

1) Select the date format to be displayed -> **OK**



8 Checking the fan filter

Check that the fan filter is installed.
After confirming, press **OK**.



9 Checking the waste ink tank

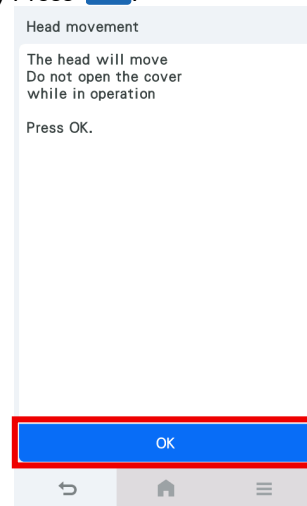
Check that the waste ink tank is installed.
After confirming, press **OK**.



10 Moving the head

The head will move to allow installation of the wiper and flushing receiver.

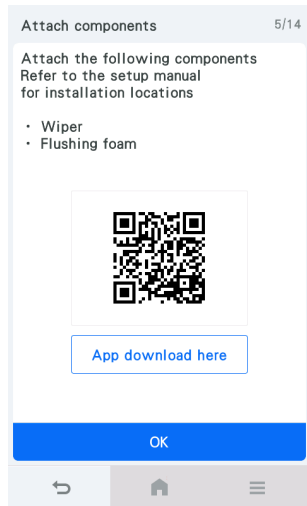
1) Press **OK**.



IMPORTANT

Do not approach the moving parts after pressing **OK**. Otherwise, you may get injured.

- 2) When the LCD panel display changes, follow the procedures in this manual to install the parts.



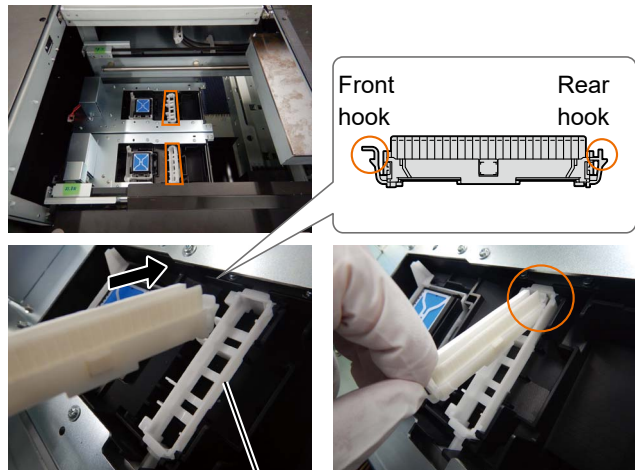
11 Mounting the wiper

1. Put on the supplied gloves.
- 2.



Open the printer cover.

3.

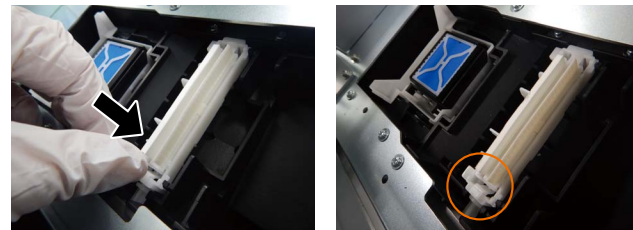


Wiper holder

X1765

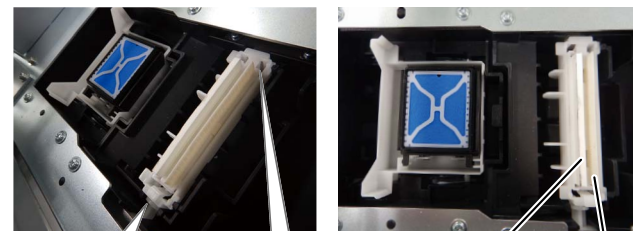
Hold the front side of the hook and insert the rear side of the hook into the wiper holder.
Hook the rear side of the hook onto the wiper holder.

4.

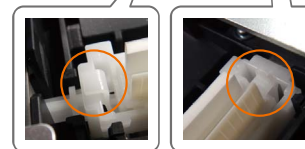


X2231

Lower the front side of the hook while rotating it around the rear side that is already hooked, and push it into the wiper holder until it clicks into place.



Sponge Rubber blade



X2232

IMPORTANT

Be sure to install the wiper in the correct direction (the sponge should face the cap side).

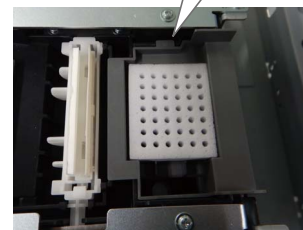
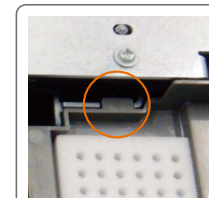
Make sure that both the rear side and the front side of the hook are securely set in the wiper holder.



There may be some ink marks from the finished product inspection.

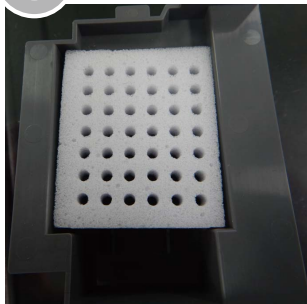
12 Installing the flushing receiver

1.

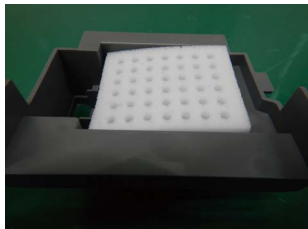
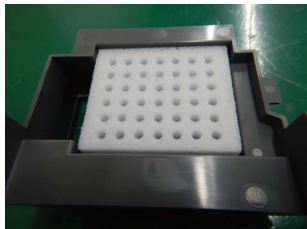
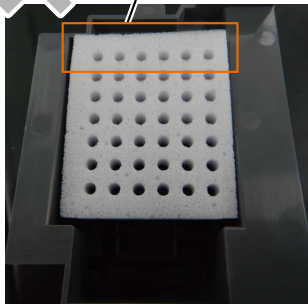


X2233

Hold the flushing receiver as shown above and slowly lower it. Make sure that the protruding part of the flushing receiver is properly seated at the circular-marked position.



Flushing foam floating

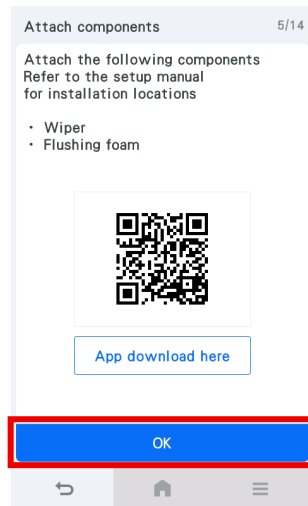


X2234

IMPORTANT

Make sure that no flushing foam extends above the top edge of the flushing receiver. If it does, it may interfere with the nozzle surface of the head and may result in a problem concerning firing of the print heads.

2. After completing the installation of the wiper and flushing receiver, close the cover, press **OK**, and follow the instructions on the LCD panel to proceed to the next step.



IMPORTANT

Do not approach the moving parts after pressing **OK**. Otherwise, you may get injured.

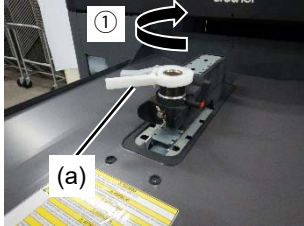
13 Mounting the platen

1.



Press  on the operation panel to move the platen to the front.

2.



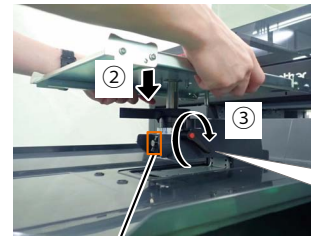
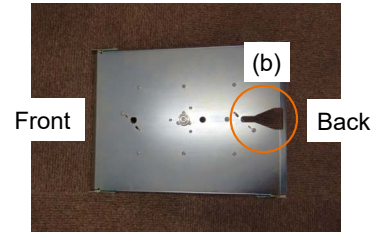
Rotate the platen height adjustment lever in direction ①. For T-shirt printing, set the scale to "A". For film printing, set the scale to "A-".



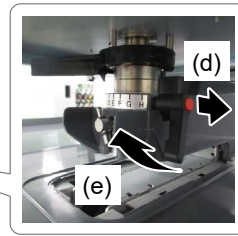
TIPS

For film printing, while pressing the knob (a) of the platen height adjustment lever, set the scale to position "A-".

3.



(c)



Insert the platen base in direction ② so that the notch (b) is at the back side, and tighten the platen fixing lever in direction ③. Use with the knob (c) tightened when printing.

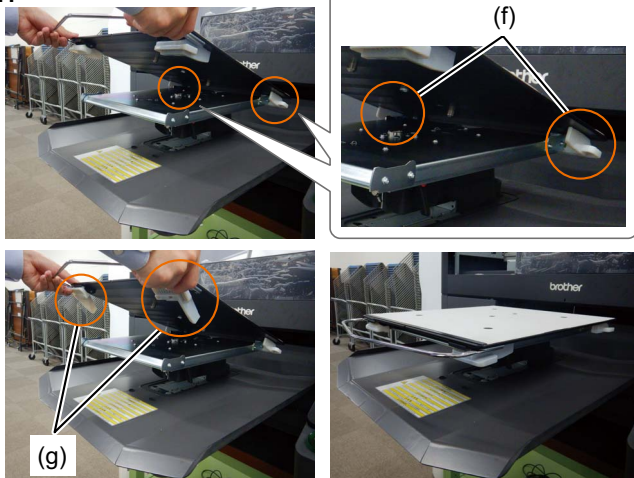
X1763



TIPS

Depending on the height of the platen, the platen fixing lever may strike against the platen, and prevent rotation. In that case, move the platen fixing lever in direction (d), pull the tip of the platen fixing lever forward as shown in (e), then loosen it again.

4.



X1935

Insert the rear fixing lever (f) of the platen top plate into the rear side of the platen base, and secure the platen top plate to the platen base with the front fixing lever (g).



TIPS

For film or paper printing, attach the rubber magnets to the four corners to prevent the film or paper from lifting.

14 Adjusting the levelness

Prepare a level gauge and a 0.67-in. (17-mm) wrench.

1. Make sure that the platen is at the front.



TIPS

If the platen is at the back, press  on the operation panel to move the platen to the front.

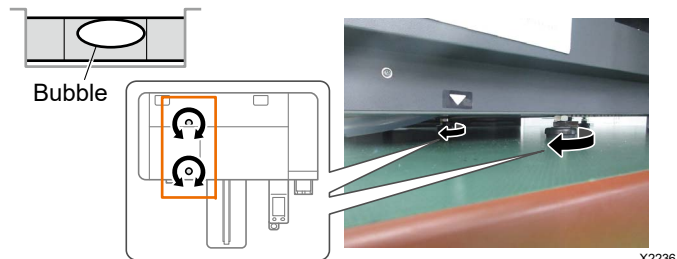
2.



Apply a level to the center of the platen.

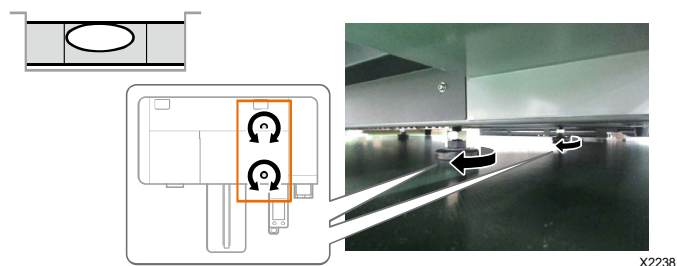
If the bubble is on the right side

Rotate the two left adjusters to adjust the level.

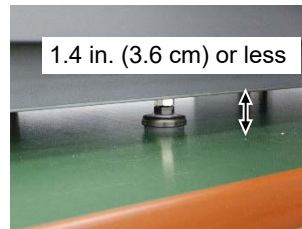


If the bubble is on the left side

Rotate the two right adjusters to adjust the level.



3.



Loosen the two nuts that secure the four adjusters.

Rotate the lower nuts to adjust the level.

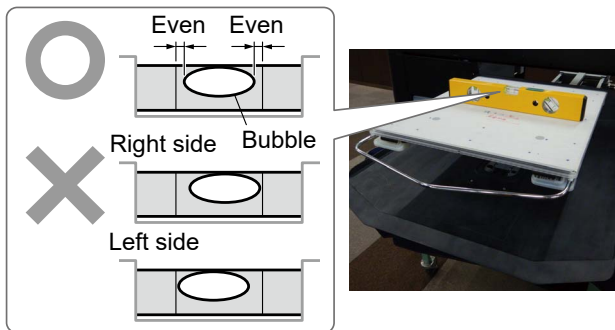
IMPORTANT

Make sure that the clearance between the installation table and the bottom of the printer is 1.4 in. (3.6 cm) or less.



To raise the printer, turn the nut clockwise. To lower the printer, turn the nut counterclockwise.

Setup of the printer



X1764

IMPORTANT

Adjust the nuts so that the bubble of the level gauge is centered between the scale lines.

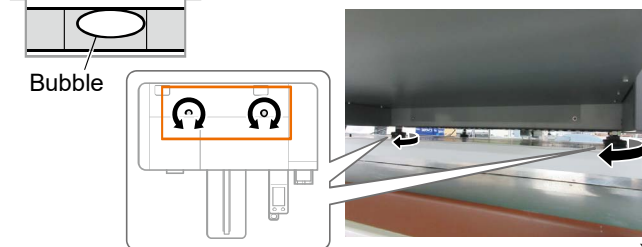
4.



Adjust the level in the front-to-rear direction in the same manner.

If the bubble is shifted to the right when viewed from the left side of the product:

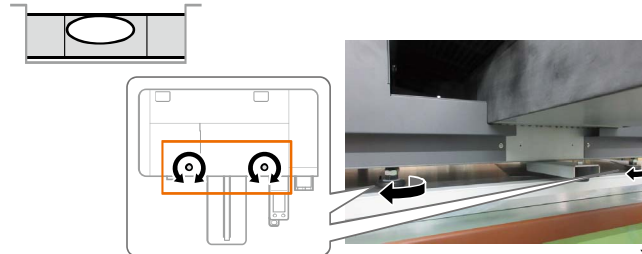
Adjust the level by rotating the rear adjusters (2 points).



X2655

If the bubble is shifted to the left when viewed from the left side of the product:

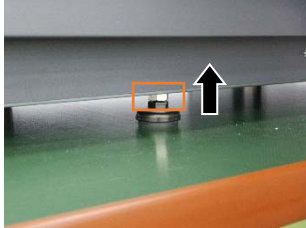
Adjust the level by rotating the front adjusters (2 points).



X2656

15 Filling the cleaning solution

5.



Tighten the upper nut upwards after adjusting the level.

IMPORTANT

After securing everything, check the level again with a level gauge in the front-to-rear and left-to-right directions.



TIPS

If the installation location of the product is changed, check the level again with a level gauge in the front-to-rear and left-to-right directions.



X1761

Pull out the cleaning liquid tank from the front left side of the printer, open the lid, and fill the tank with the cleaning solution until reaching the "FULL" line.

When filling is completed, close the lid and slowly push the cleaning liquid tank back inside the printer for storage.

IMPORTANT

When you pour the cleaning solution, be sure not to exceed the "FULL" line.



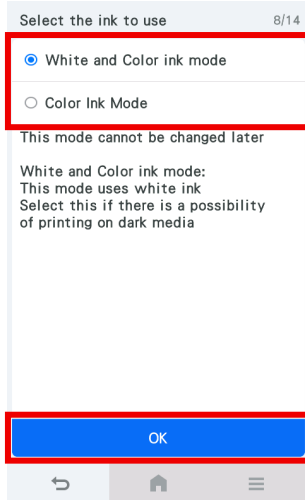
TIPS

After filling the cleaning solution, make sure to push the cleaning liquid tank in to the end. The cleaning liquid tank that is not properly inserted causes an error and disables printing.

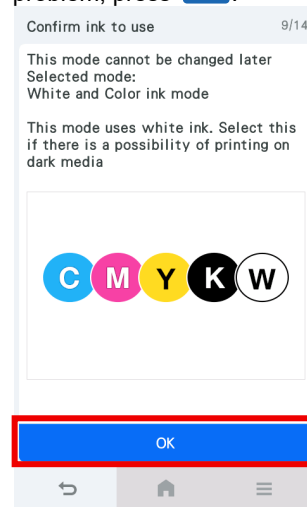
16

Select the operating mode (White and Color ink mode/Color Ink Mode)

1) Select the ink to be used -> **OK**



2) A confirmation screen will appear again. If there is no problem, press **OK**.



IMPORTANT

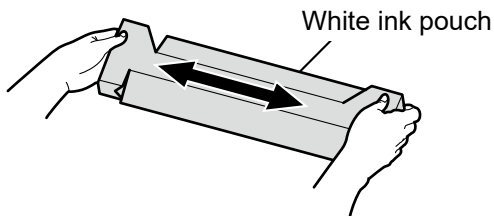
You cannot change the operating mode later. Be sure to confirm that the correct operating mode is selected before pressing **OK**.

17 Ink cartridge setup and installation

Install the ink pouches into cartridges by referring to the illustrations on the label located on the ink bay cover of the machine.

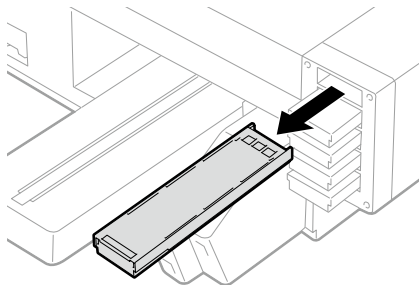
IMPORTANT

Since the components in the white ink settle, shake the ink pouch before taking it out of the box. Hold both ends of the box firmly and shake it 100 times from side to side, then turn it upside down and shake it another 100 times from side to side.



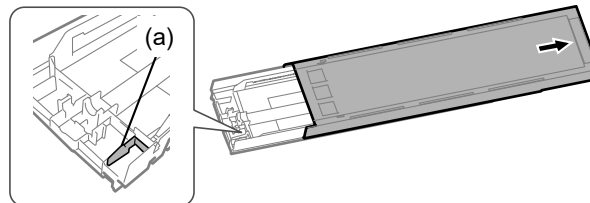
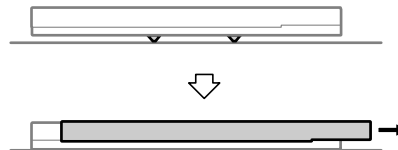
X2480

1.



X1805

2.



X2214

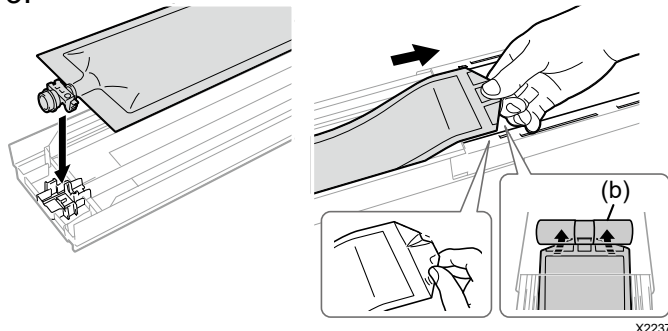
Open the lid of the ink cartridge.

IMPORTANT

When opening the lid, be sure not to touch portion (a). Otherwise, it could be damaged.

Place the entire cartridge on a flat surface, push the latches on the bottom surface of the cartridge downward and open the lid.

3.



Push the tip of the ink pouch in until it clicks. Straighten the ink pouch so that it can fit the grooves of the ink cartridge lid and mount it while pulling it by hand.

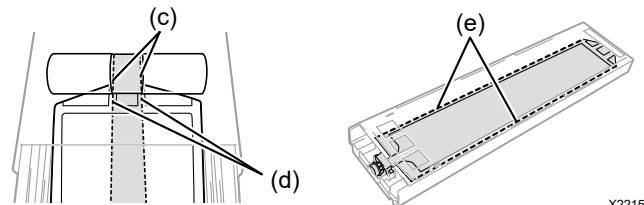


TIPS

If the edge of the ink pouch is bent or undulating significantly, make it straight with your hand.

Make sure that the tip of the ink pouch is positioned under the roll (b) of the cartridge case.

4.



Check that the two illustrated areas (d) and (e) are straight.



CAUTION

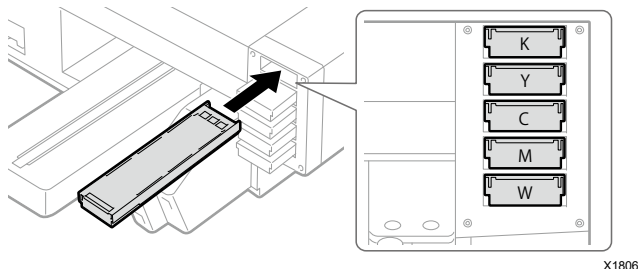
Be careful not to touch area (c) illustrated above. Otherwise you may be injured.



TIPS

When closing the upper cover, be sure to close it until it clicks.

5.



X1806

Install the ink pouch in the correct color position in the printer and make sure it is inserted all the way to the back.

18 Installing the ink

Turn on the power of the printer and perform the operation while the printer is in Standby mode.



TIPS

Always use a new ink pouch.

Follow the on-screen instructions to perform the initial ink installation.

The ink type selected in "P.36 **16** Select the operating mode (White and Color ink mode/Color Ink Mode)" will be installed.

If you do not use the setup wizard or the setup guide, follow the steps below.

☰ -> [Maintenance] -> [Initial Ink Installation]
-> [All Print Heads]

1) Follow the precautions on the screen and press **OK**

IMPORTANT

If the ink pouch is not installed in the ink cartridge or if the wrong cartridge is inserted, an error will be displayed.



TIPS

In white/color ink mode, ink loading takes approximately 40 minutes. However, the loading time may vary slightly depending on ambient temperature and other conditions.

The ink installation time will vary depending on the selected ink mode.

- 2) Once the system returns to the standby state, proceed to the steps of “[Connecting to a PC](#)” (on page 41).

IMPORTANT

After completing the ink installation, check the following:

- Check that the tube is filled with ink and contains no air.
- Check that the ink has reached the print head.

If the above conditions are not met, proceed with the following steps:

 -> [Maintenance] -> [Install Ink after Replacing Head]

Connection to a PC



Although the description of this section is based on operation with Windows, you can also use Macintosh.
For details, refer to the Instruction Manual.

1 Installing the driver

- 1) Download the ZIP file from our website and unzip the file.
- 2) Double-click on "setup.exe" -> Activate the installer
- 4) Follow the instructions on the screen.
- 5) After the installation, restart the PC.

2-A When connecting via USB

- 1) Connect the printer and PC via a USB2.0 cable.

2-B When connecting via LAN

Assignment of printer static IP address



The printer may not be recognized depending on your security environment. Consult the system administrator of the setting site.

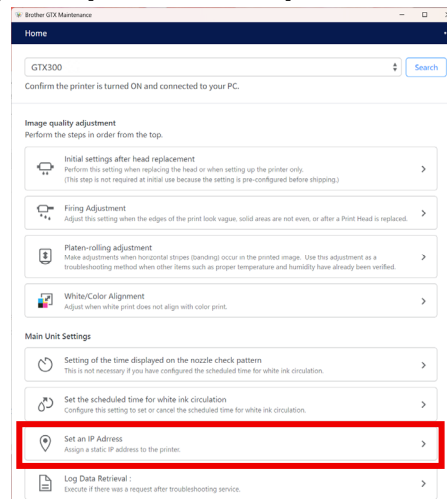
The static IP address can also be set on the printer. For details, refer to the Instruction Manual.

- 1) Perform the procedures of "P.41 When connecting via USB".
- 2) Start menu -> "Brother Maintenance Tools" -> Activate "GTX Maintenance #"

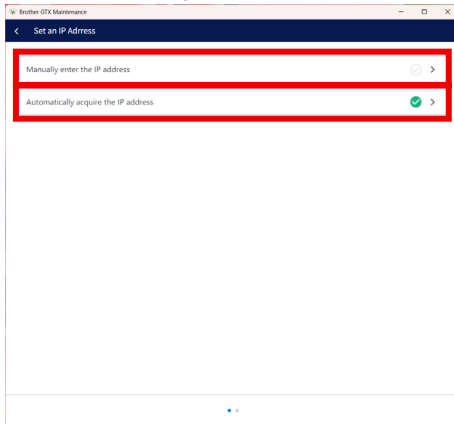


"GTX Maintenance #": The "#" represents the version number.
When the application is updated, the version number will change.

3) Select [Set an IP Address]



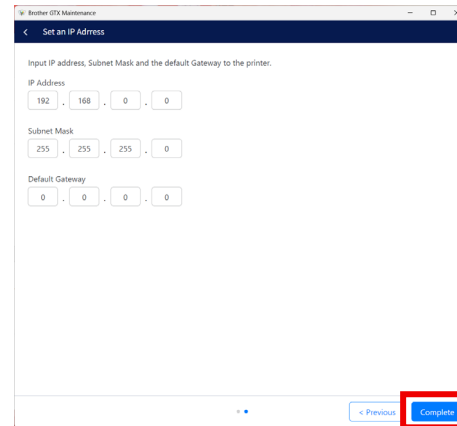
4) Select the setting method



If you selected "Manually enter the IP address"

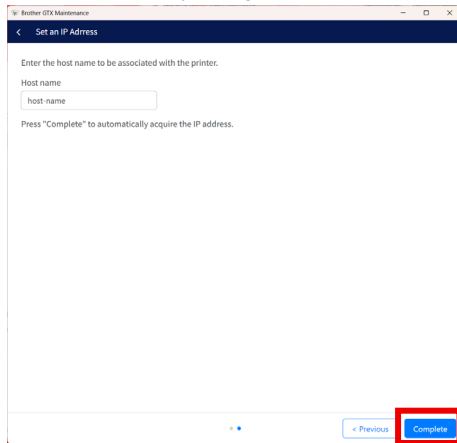
5) Enter the values of [IP Address][Subnet Mask][Default Gateway] -> [Complete].

The steps are completed when the message [IP address was successfully assigned to the Printer.] is displayed.



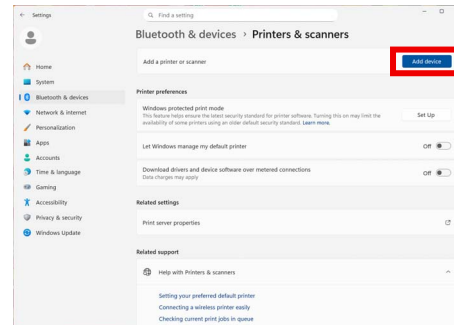
If you selected "Automatically acquire the IP address"

- 5) Enter the hostname -> [Complete].
The steps are completed when the message [IP address was successfully assigned to the Printer.] is displayed.

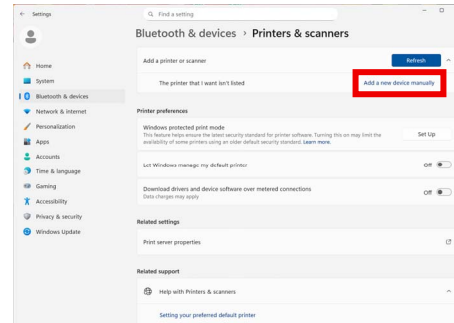


Installing the network print driver

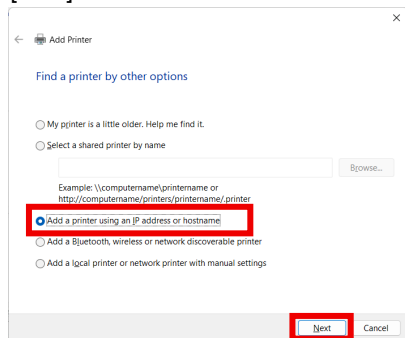
- 1) Connect the printer and PC to a network using LAN cables and turn the printer power ON.
- 2) [Settings] -> [Bluetooth & devices] -> [Printers & scanners] -> click [Add device]



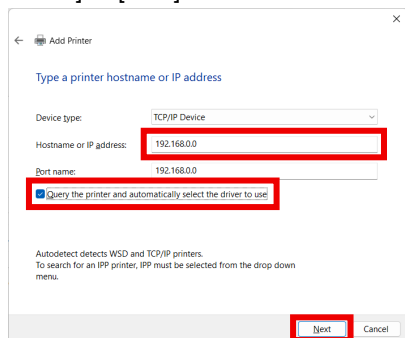
- 3) Click [Add a new device manually].



- 4) Select [Add a printer using an IP address or hostname] -> [Next].



- 5) Enter the printer's IP address in [Hostname or IP address] -> Check [Query the printer and automatically select the driver to use] -> [Next].

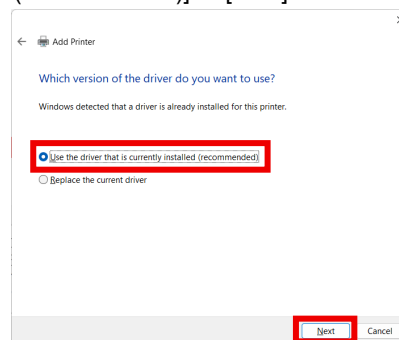


If you set the printer's IP address by automatic acquisition, you must check the IP address of the printer in advance. You can confirm the IP address by selecting [Confirm network setting] -> [IP Address] from the menu. For details, refer to "Confirm network setting" in the Instruction Manual.

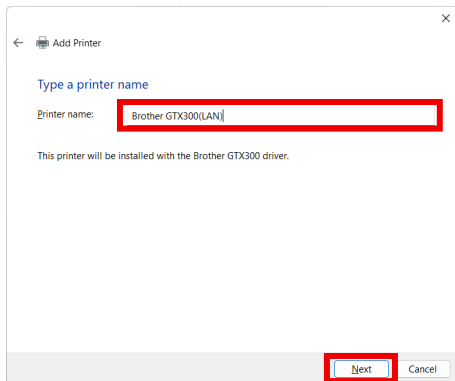
If you are using a DNS server, you can use a host name and domain name instead of the IP address. In that case, enter the host name that has been acquired automatically and set for the printer IP address (see P.44). As for the domain name, check with your network administrator.

When the printer screen displays "00X", enter "X" in the IP address field.

- 6) Select [Use the driver that is currently installed (recommended)] -> [Next].

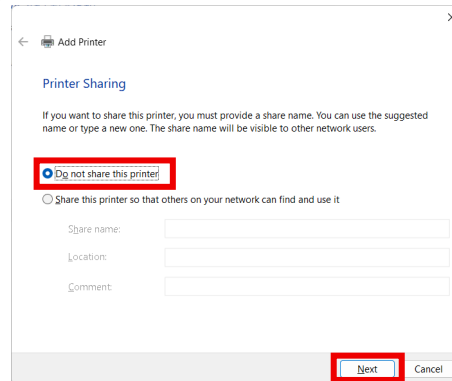


7) Enter the [Printer name] -> [Next]

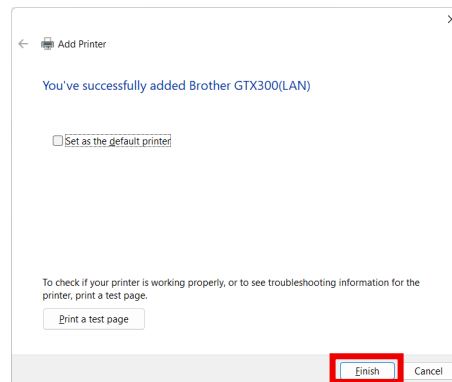


The screenshot shows the 'Add Printer' window with the title 'Add Printer'. Below the title is the instruction 'Type a printer name'. A text field labeled 'Printer name:' contains the text 'Brother GTX300(LAN)'. Below this, a note states 'This printer will be installed with the Brother GTX300 driver.' At the bottom right, there are two buttons: 'Next' and 'Cancel'. The 'Next' button is highlighted with a red rectangle.

8) Select [Do not share this printer] -> [Next] -> [Finish]



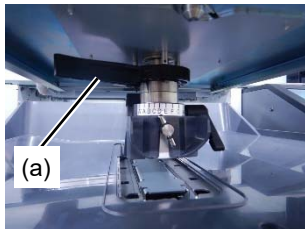
The screenshot shows the 'Add Printer' window with the title 'Add Printer'. Below the title is the section 'Printer Sharing'. It contains the text: 'If you want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network users.' There are two radio buttons: 'Do not share this printer' (which is selected and highlighted with a red rectangle) and 'Share this printer so that others on your network can find and use it'. Below these are three text fields: 'Share name:', 'Location:', and 'Comment:'. At the bottom right, there are two buttons: 'Next' and 'Cancel'. The 'Next' button is highlighted with a red rectangle.



The screenshot shows the 'Add Printer' window with the title 'Add Printer'. Below the title is the message 'You've successfully added Brother GTX300(LAN)'. There is a checkbox labeled 'Set as the default printer' which is unchecked. At the bottom, there is a button labeled 'Print a test page'. At the bottom right, there are two buttons: 'Finish' and 'Cancel'. The 'Finish' button is highlighted with a red rectangle.

1 Checking the nozzle check pattern

- 1) Make sure that the platen height adjustment lever (a) is set at the "A-" position.

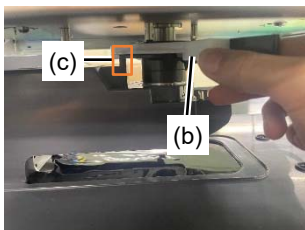


Use a platen sized 14 in. x 16.54 in. (35.56 cm x 42.01 cm), which is included at the time of your purchase.

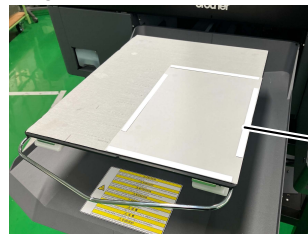
How to set "A-"



From height "A", press the white lever (b) shown below and rotate it clockwise, then hook the white lever onto the resin projection (c) at the rear of the unit base.



- 2) Place a sheet of A4 or letter-size white paper as illustrated (a pretreated T-shirt is also acceptable. In that case, set the platen height to "A").
If the paper tends to lift, secure the corners with rubber magnets.



Rubber magnets

X2051

- 3) Perform the following operation on the screen of the printer:
 -> [Test Print] -> [Nozzle Check CMYK] -> 



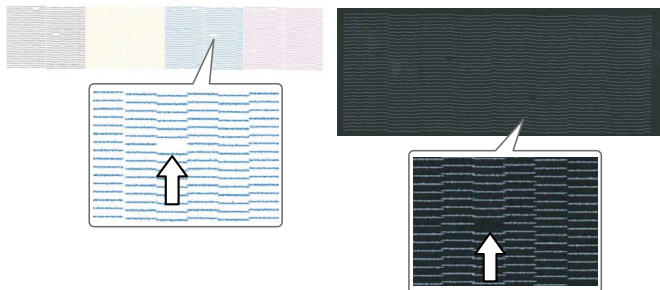
If an error occurs, check for any lifting of the paper.

- 4) When printing is finished and the printer returns to Standby mode, set a piece of black paper or transparent sheet (such as OHP sheet) of A4 or letter size in the same manner as step 2 (For black or dark-colored pretreated T-shirts, also set the platen height to "A").



When using Color Ink Mode, the white nozzle check is not necessary.

- 5)  -> [Test Print] -> [Nozzle Check White] -> 
- 6) Check the printed results for both nozzle check prints and determine if there is a problem.
If missing nozzles are found as indicated by the arrows below, there is a problem concerning the firing of the print heads.



X0291



Even if the lines of the white-side printed result are light, since white ink is fired from more than one nozzle on the same place, the quality is not affected.

- 7) If there is a problem, perform a normal cleaning. While the printer is in standby mode, press  -> [Head Cleaning] -> [Normal Cleaning] -> Select the problematic head -> .
- 8) Check the nozzle check pattern again.
If the problem still persists, please contact your dealer.

2 Making print head adjustments

- 1) Connect the printer and PC via a USB 2.0 cable or LAN cable. On the PC side, "Brother Maintenance Tools" -> Activate "GTX Maintenance #".

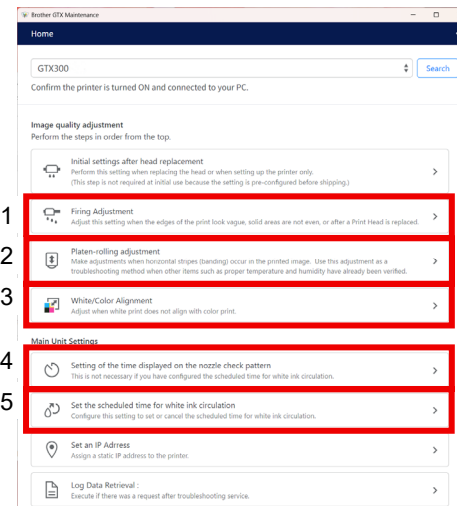


"GTX Maintenance #": The "#" represents the version number.
When the application is updated, the version number will change.

- 2) Prepare a few sheets of A4 or letter-size paper (black paper or a transparent sheet such as an OHP sheet, and white paper), and a rubber magnet or tape for fixing the paper.

- 3) Follow the instructions on the "GTX Maintenance" screen and run the menus required for the operation mode selected on the printer.

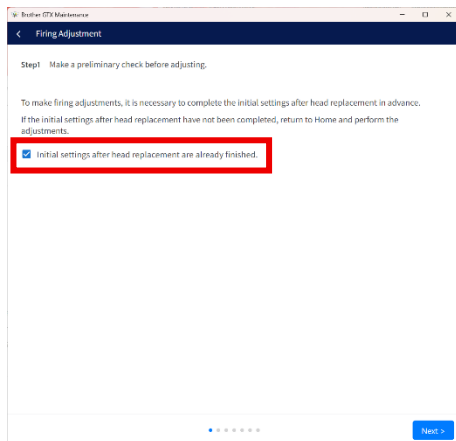
	Menu name to execute	Operation mode selected on the printer	
		White/Color Ink Mode	Color Ink Mode
1	[Firing Adjustment]	Performed	Performed for color head only
2	[Platen-rolling adjustment]	Performed	Performed
3	[White/Color Alignment]	Performed	Not required
4	[Setting of the time displayed on the nozzle check pattern]	Performed	Performed
5	[Set the scheduled time for white ink circulation]	Performed	Not required





The [Initial settings after head replacement] are not required the first time.

If performing [Firing Adjustment], check the corresponding item and execute it.





Maintenance list

To maintain the printing quality and use the printer for a longer time, the following maintenance is needed.
For details, refer to the Instruction Manual.

Maintenance timing	Description	Error / Warning display
Before printing	Confirmation and disposal of waste ink	—
	Confirmation and refill of cleaning solution	○
	Daily agitation of the white ink	○
	Print out of the nozzle check pattern (checking on the print heads)	—
When an error / warning is displayed	Replacement of ink pouch with a new one	○
	Refilling the cleaning solution	○
	Nozzle guard cleaning	○
	Cleaning suction cap	○
	Replace the wiper	○
	Replacing the flushing foam	○
	Replacing the fan filter	○
When the printer becomes dirty	Replacing the platen sheet	—



*Please note that the contents of this manual may differ slightly from the actual product purchased as a result of product improvements.

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This is the original instructions.

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