EPSON

SC-S7100 Series

User's Guide

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Note for U.S., Canada, and Latin American Users

IMPORTANT: Before using this product, make sure you read the online *Safety Instructions*.

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Notes on Manuals

Meaning of Symbols

To prevent injury to customers or third parties and damage to property, this manual uses the following symbols to warn of dangerous operations and handling. Make sure you understand the meaning of these symbols before reading this manual.

Warning:	Warnings must be followed to avoid serious bodily injury.
Caution:	Cautions must be followed to avoid bodily injury.
Important:	Important must be followed to avoid damage to this product.
Note:	Notes contain useful or additional information on the operation of this product.
☞	Indicates related reference content.

Screenshots

- Screenshots used in this manual may differ slightly from the actual screens.
- Unless otherwise stated, the Windows screenshots used in this manual are from Windows 10.

Illustrations

The illustrations may differ slightly from the model you are using. Please be aware of this when using the manual.

Operating System References

Windows

In this manual, terms such as "Windows 11", "Windows 10", and "Windows 8.1" refer to the following operating systems. Additionally, "Windows" is used to refer to all versions.

- Microsoft® Windows® 11 operating system
- Microsoft® Windows® 10 operating system
- Microsoft® Windows® 8.1 operating system

Mac OS

In this manual, "Mac OS" is used to refer to Mac OS X 10.9.5 or later as well as macOS 10.12 or later.

Manual Organization

U.S., Canada, and Latin America

To view user manuals, visit the support site for your region and search for your product:

- https://epson.com/support (U.S.)
- https://epson.ca/support (Canada)
- https://latin.epson.com/support (Latin America)

Other Regions

The manuals for the product are organized as shown below.

You can view the PDF manuals using Adobe Acrobat Reader or Preview (Mac OS).

Setup Guide (booklet)		Provides information on how to setup the printer after unpacking it from the box. Make sure you read this manual to perform operations safely.
Safety Instructions (booklet)		Provides instructions that should be followed to prevent injury to customers or third parties and damage to property. Make sure you read this to ensure the product is used safely and correctly. For some regions, this content is included in the Setup Guide.
Online Manual		
	User's Guide (PDF)	This manual explains how to use the printer.
	Troubleshooting & Tips	This manual provides some frequently asked questions and tips to help you use the printer efficiently.
	Epson Video Manuals	These videos show you how to load media and perform maintenance.
	Network Guide (PDF)	This manual provides information on using the printer over a network.
	Epson Support (PDF)	Provides information about Epson Support for each region.

Viewing Video Manuals

The video manuals have been uploaded to YouTube and can be viewed by clicking the blue text below.

Epson Video Manuals

You can also view the video manuals in the following ways:

U.S., Canada, and Latin America

Click the (Link to Manual) button at the top of the control panel screen and access the QR code that appears.

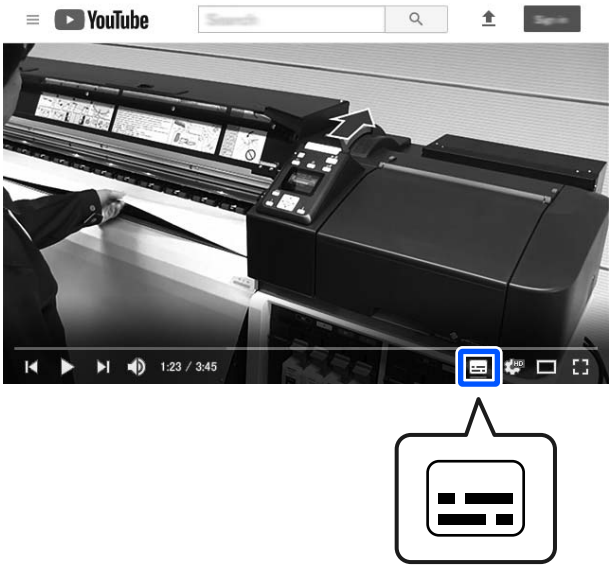
"Home screen (status display)" on page 17

Other Regions

❏ Click **Epson Video Manuals** (Videos) on the top page of the Online Manual.

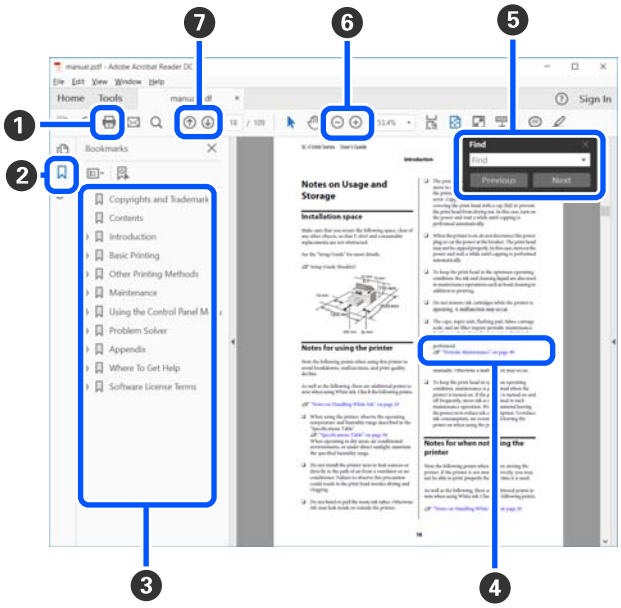
❏ Access the QR code in the *Setup Guide* (booklet).

If the subtitles are not displayed when you play the video, click the subtitles icon shown in the image below.



Viewing PDF Manuals

This section uses Adobe Acrobat Reader DC as an example to explain the basic operations for viewing the PDF in Adobe Acrobat Reader.



Notes on Manuals

❶ Click to print the PDF manual.

❷ Each time it is clicked the bookmarks are hidden or shown.

❸ Click the title to open the relevant page.

Click [+] to open the titles lower in the hierarchy.

❹ If the reference is in blue text, click the blue text to open the relevant page.

To return to the original page, do the following.

For Windows

While pressing the Alt key, press the ← key.

For Mac OS

While pressing the command key, press the ← key.

❺ You can input and search for keywords, such as the names of items you want to confirm.

For Windows

Right click on a page in the PDF manual and select **Find** in the menu that is displayed to open the search toolbar.

For Mac OS

Select **Find** in the **Edit** menu to open the search toolbar.

❻ To enlarge the text in the display that is too small to see well, click ⊕. Click ⊖ to reduce the size. To specify a part of an illustration or screenshot to enlarge, do the following.

For Windows

Right click on the page in the PDF manual and select **Marquee Zoom** in the menu that is displayed. The pointer changes to a magnifying glass, and you can use it to specify the range of the place you want to enlarge.

For Mac OS

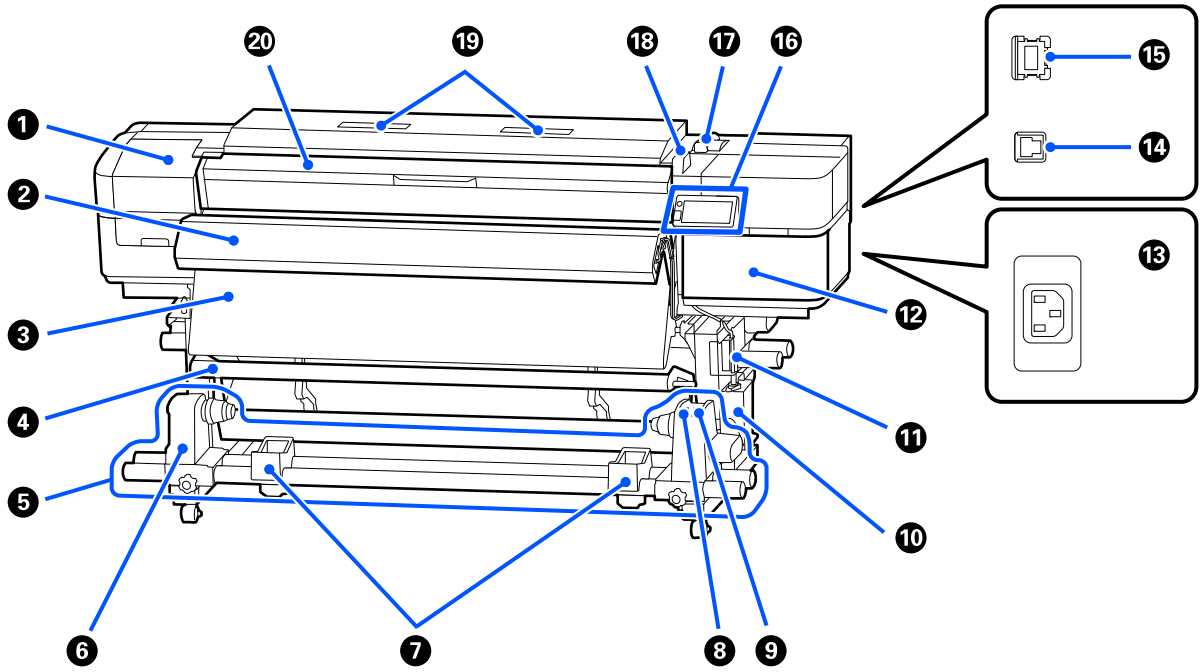
Click the **View** menu - **Zoom** - **Marquee Zoom** in this order to change the pointer to a magnifying glass. Use the pointer as a magnifying glass to specify the range of the place you want to enlarge.

❼ Opens the previous page or next page.

Introduction

Printer Parts

Front Section



1 Maintenance cover

Open to replace consumables and for cleaning. There is a maintenance cover on both the left and the right. Normally closed when using the printer.

“Replacing Maintenance Parts Kit” on page 66

“Monthly Cleaning” on page 61

2 Additional Print Drying System

Can be used to rapidly dry ink after printing. After installation, it will operate automatically according to the **Drying Fan** settings for each registered media.

3 After heater

The heater can be used to rapidly dry ink after printing.

“Changing the Heater's Temperature” on page 50

4 Tension bar

The tension bar maintains tension to prevent slack of the media when winding it.

❺ Auto take-up reel unit

Automatically takes up printed media.

❻ Media holder

Place the roll core for media take-up on this holder. There is a media holder on both the left and the right.

❼ Media supports

Rest media temporarily on these supports when removing the take-up roll. There is a media support on both the left and the right.

❽ Auto switch

Use this switch to set the winding direction (printable side facing in or out) when automatically taking up printed media. To take up printed media by manually operating the take-up reel unit, set the switch to the center ● to turn off the auto take-up function.

❾ Manual switch

Position this switch based on the winding direction when manually taking up printed media.

❿ Waste ink bottle

Waste ink collects in this bottle. Replace it with a new waste ink bottle when a message is displayed on the control panel prompting you to do so.

☞ "Disposing of Waste Ink" on page 65

⓫ Waste ink tube

Tube for ejecting waste ink. Be sure the end of this tube is inserted into the waste ink bottle while the printer is in use so that waste ink does not splash out.

☞ "Disposing of Waste Ink" on page 65

⓬ Ink cover

Open to shake or replace the ink supply units. Normally closed when using the printer.

There is a security lock slot on the top of the cover.

⓭ AC inlet

Connect the power cable supplied with the printer.

⓮ USB port

Connect the USB cable.

⓯ LAN port

Connect the LAN cable.

⓰ Control panel

☞ "Control Panel" on page 15

⑰ Media loading lever

This lever raises and lowers the pressure roller that holds the media in place.

Move the lever to the front to lower the pressure roller and hold the media in place.

Move the lever to the back to raise the pressure roller and release the media.

⑱ Alert lamp

This lamp turns on or flashes when an error occurs.

On/Flash : An error occurred. How the lamp turns on or flashes varies with the type of error. The control panel displays a description of the error.

Off : No error.

⑲ Air filter

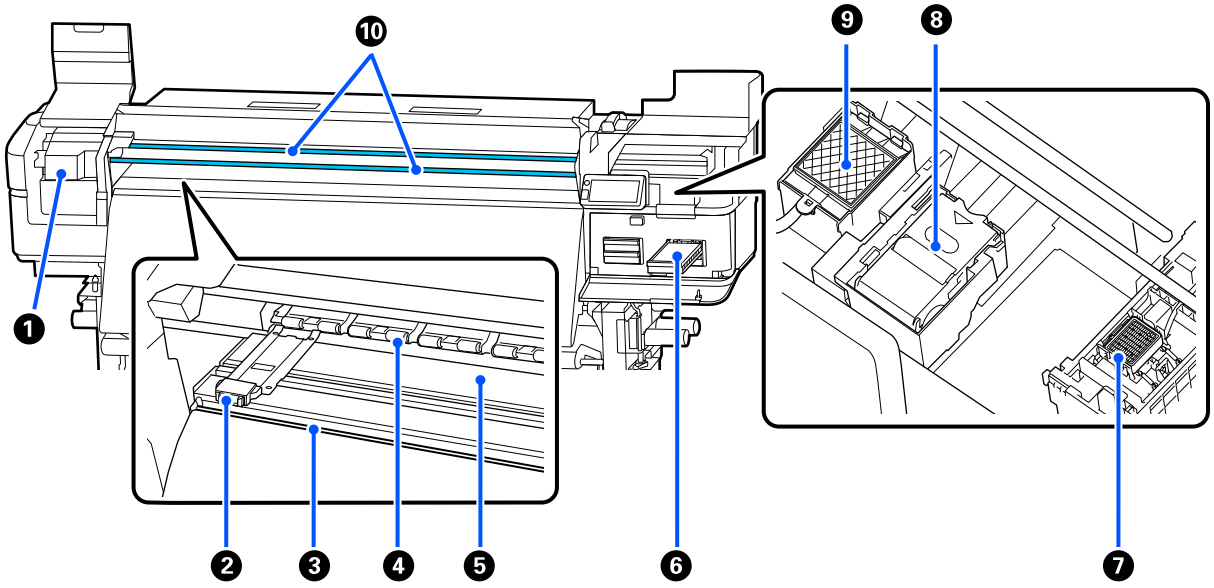
This filter allows air to pass through the inside of the printer during operation and absorbs ink mist. The air filter is a consumable item. Replace the wiper unit at the same time.

☞ "Replacing Maintenance Parts Kit" on page 66

⑳ Printer cover

Open when loading media, cleaning the inside of the printer, or removing jammed media. Normally closed when using the printer.

Inside



1 Print head

The print head prints by moving left and right while emitting ink. When print results are dirty, check for dirt stuck to the print head and clean it, if necessary. Clean it at least once a month.

“Performing Regular Cleaning” on page 61

2 Media edge plates

The media edge plates prevent the media from riding up and keep fibers on the cut edge of the media from touching the print head. Position the plates at either side of the media before printing.

“Loading Media” on page 38

3 Cutter groove

When cutting the media, slide the blade of a commercially available cutter along this groove to cut.

4 Pressure rollers

These rollers press down on the media during printing. These move up and down in conjunction with the media loading lever.

Clean these rollers if the dirt on the rollers is staining the surface of the media.

“Cleaning the Pressure Rollers” on page 73

5 Platen heater

Heating the media helps stabilize ink adhesion. If lint, dust, or ink adheres to this, it could cause clogged nozzles or ink drops to occur, so be sure to clean it daily.

“Daily Cleaning” on page 61

❻ Ink tray

Insert the ink supply unit for the color indicated on the label. Place all of the ink trays in the printer.

❼ Capping station

Except during printing, this cap covers the print head nozzles to prevent them from drying out. Clean it at least once a month.

☞ "Performing Regular Cleaning" on page 61

❽ Wiper Unit

Used to wipe off ink that is stuck to the surface of the print head nozzles. The wiper unit is a consumable item. Replace when a message is displayed on the control panel prompting you to do so.

☞ "Replacing Maintenance Parts Kit" on page 66

❾ Flushing pad

Ink is discharged onto this pad during flushing. The flushing pad is a consumable item. Replace the wiper unit at the same time.

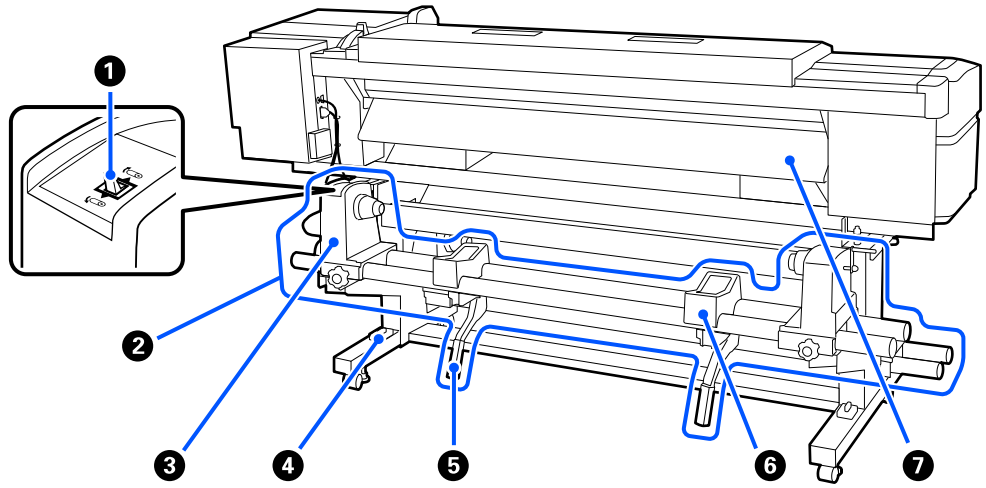
☞ "Replacing Maintenance Parts Kit" on page 66

❿ Carriage rods A/B

These two rods, upper and lower, support the print head (carriage). When the amount of printing reaches the specified value, a message appears prompting you to lubricate them with grease.

☞ "Applying Grease to the Carriage Rod" on page 74

Back



1 Drive switch

Rewinds media during media replacement.

2 Media feeding unit

Automatically feeds the media loaded for printing into the machine.

3 Media holder

Place media on this holder. There is a media holder on both the left and the right.

4 Level gauge

When installing on a carpeted floor or a sloping floor, check the horizontal level of the printer. There is a level gauge on both the left and the right.

5 Lift lever

If the media to be mounted on the media holder seems heavy, use this lever to raise the media to the level of the media holder. There is a lift lever on both the left and the right.

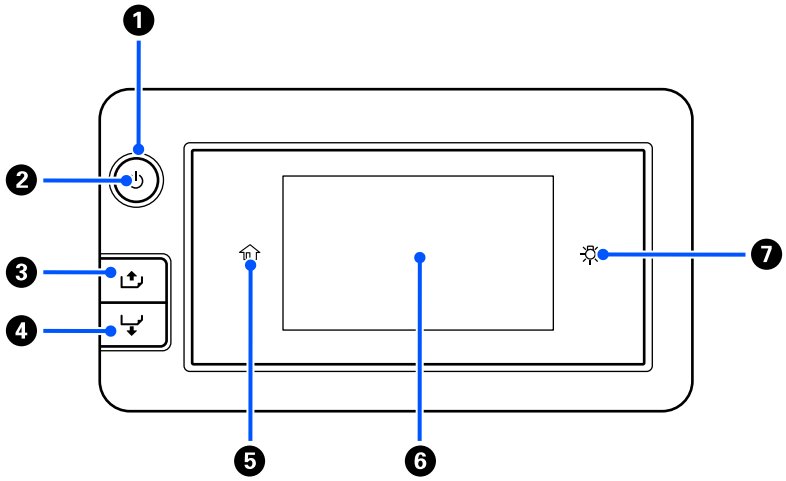
6 Media support

Rest media on this support before placing it on the media holder. There is a media support on both the left and the right.

7 Pre-heater

Pre-heat the media before printing to avoid sudden temperature changes in the printing area.

Control Panel



1 ⏻ Light (power light)

The printer's operational status is indicated by a lit or flashing light.

On	:	The power is on.
Flashing	:	The printer is performing an operation, such as receiving data, shutting down, or performing Head Cleaning.
Off	:	The power is off.

2 ⏻ Button (power button)

Turns the power on and off.

3 [ ] button (rewind button)

Depending on the status of the media loading lever, operations differ as shown below.

- ❏ When the media loading lever is at the front
  You can rewind the media by holding down the button. Rewinding stops when the leading edge of the media reaches the print start position. Rewind can be resumed by releasing the button and then pressing it again. Press and hold the button to speed up the rewinding.
- ❏ When the media loading lever is at the back
  You can rewind media that has been loaded with the printable side out by holding down the button.

4 [ ] button (feed button)

Depending on the status of the media loading lever, operations differ as shown below.

- ❏ When the media loading lever is at the front
  You can feed the media by holding down the button. Press and hold the button to speed up the feeding.
- ❏ When the media loading lever is at the back
  You can rewind media that has been loaded with the printable side in by holding down the button.

❺ (home button)

Press to return to the home screen during menu operations (when is lit).

(home button) is not lit when it cannot be used.

❻ Screen

Displays the printer's status, menus, error messages, and other information.

"Home Screen" on page 17

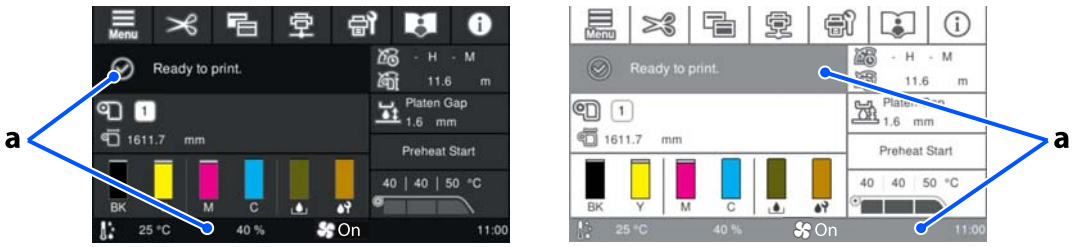
❼ (light button)

Switches the inside light on or off. Press this area to turn off the inside light, when it is on. Pressing it while the inside light is off, turns it on.

is off when the inside light cannot be turned on/off due to the operating status of the printer.

Home Screen

The screen of the printer is a touch panel. The background color can be changed in **Basic Settings** - **Screen Customization** on the General Settings menu as shown in the following illustration.
The black/light gray areas (a) are the display areas and do not respond even if you press them. The rest of the areas can be pressed to view information or make adjustments.



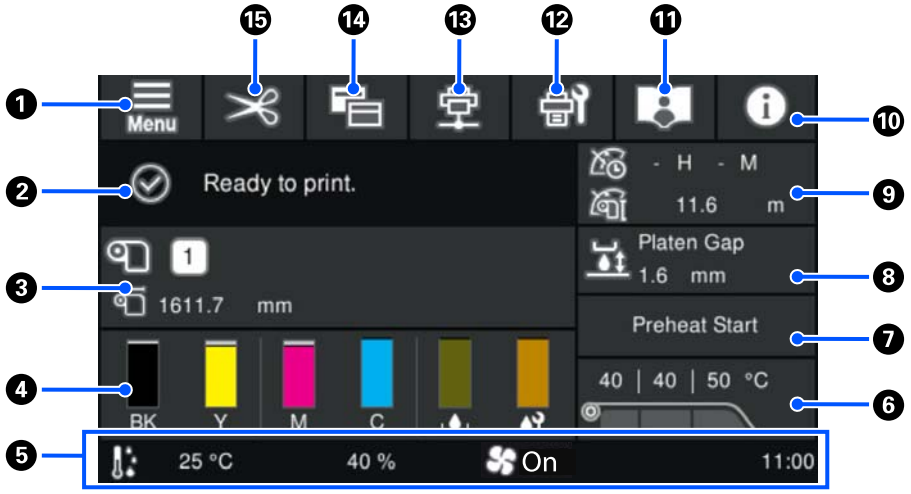
Depending on the printer's operating status, some of the buttons displayed at the top of the screen may not be able to perform their functions. If the function is unavailable, the icon is grayed out and the button does not respond even when pressed.

The home screen has the following two types and you can switch between them by pressing .

❏ Home screen (status display)
You can check the current status of the printer.
“Home screen (status display)” on page 17

❏ Home screen (adjust while printing)
You can quickly change the major adjustment values. You can also make adjustments while printing.
“Home screen (adjust while printing)” on page 22

Home screen (status display)



❶ (menu)

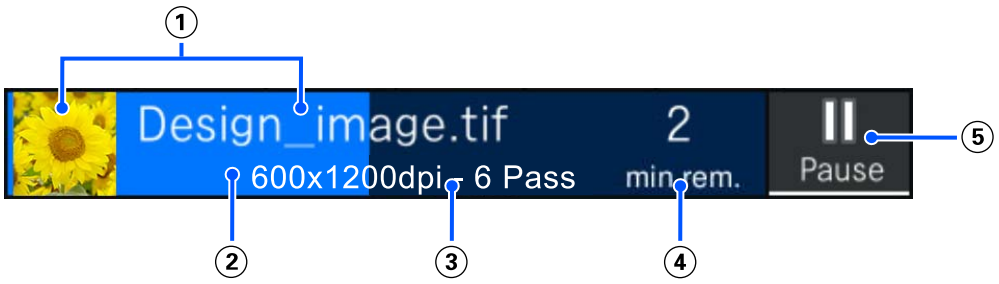
The settings menu will be displayed.

“Control Panel Menu” on page 76

❷ Status display area

Displays the printer's status and warning messages. Only the most recent notifications are shown in this area. You can check all warning notifications by pressing .

When a print job is received, the displayed content changes as shown below. The following provides an explanation of each display.



① Displays a thumbnail of the image being printed and the file name. A thumbnail image may not be shown, depending on the type of RIP being used.

② Displays a progress bar showing the printing or preparation progress.

This normally displays the progress until printing is complete. Depending on the settings, progress from print preparation to the start of printing, and from the start of printing to completion may be displayed separately.

By pressing the display area while printing, you can change the settings for the content displayed in ② and ③.

③ Displays the Printed Length for the media, Remaining Print Length for the media, Time until media replacement, or the Pass Mode.

Pressing the display area while printing opens a screen in which you can set the content displayed in ③. Select 1 item that you want to display.

Time until media replacement displays the estimated time.

④ Normally, the estimated time until printing is complete is displayed. Depending on the settings, the time estimated from print preparation to the start of printing, and the time estimated from the start of printing to completion may be displayed separately.

⑤ This is the Pause (Suspend) button.

Press this button and select whether to stop printing immediately (**Immediate pause**) or stop after printing the current page (or job if it is a single page) (**Pause between pages**). Pressing **Resume** on the screen during a pause resumes printing. However, if you select **Immediate pause**, printing may become disrupted when printing restarts.

Appears as the **Start** button while warming up, until the heater reaches the set temperature. Pressing this button starts printing, even if the heater temperature is low.

❸ Media info

Displays the name and number of the currently selected registered media, as well as the width of the currently loaded media. When **Remaining Amount Management** is set to **On**, the remaining amount of the loaded media is also displayed. Pressing this area displays the **Media Settings** from the settings menu where you can change to a different registered media number or change the settings for the media number that is currently selected.

❹ Status of consumables

Displays the approximate amount remaining and the status of consumables such as the ink supply unit. By pressing this area, you can check a more detailed estimate of the amount remaining and the part number for each consumable.

The following provides an explanation of each display.



Ink supply unit status

Indicates the approximate amount of ink remaining. The bar goes lower as the remaining ink runs low. The letters are abbreviations of the colors. The relation of the abbreviations and the ink colors is shown below.

BK : Black

Y : Yellow

M : Magenta

C : Cyan

Depending on the status of the ink supply unit, the display of the bar changes as shown below.

 : Ink is low. You need to prepare a new ink supply unit.

 : Ink is expended. Replace the old ink supply unit with a new one.

 : It is time to shake the ink supply unit. Pull out the ink tray and shake it.



Waste ink bottle status

Indicates the approximate amount of space available in the waste ink bottle. The bar goes lower as the amount of remaining space decreases.

 : The waste ink bottle is almost full. Prepare a new waste ink bottle.

Maintenance Parts Kit status

Indicates the approximate amount of wiper unit remaining. The bar goes lower as the remaining ink runs low.

: The wiper unit is running low, so you need to prepare a new wiper unit.

❺ Footer

Displays the current temperature, humidity, and time. You may not be able to print correctly unless you use the printer under the appropriate environmental conditions.

The icons shown below are displayed to indicate the **Drying Fan** setting for the currently selected registered media.

- ❏ When the **Drying Fan** setting is **On**: On
- ❏ When the **Drying Fan** setting is **Off**: Off

The above icons do not appear unless the Additional Print Drying System is connected before the printer is turned on. If the icons do not appear, turn the power off and then on again.

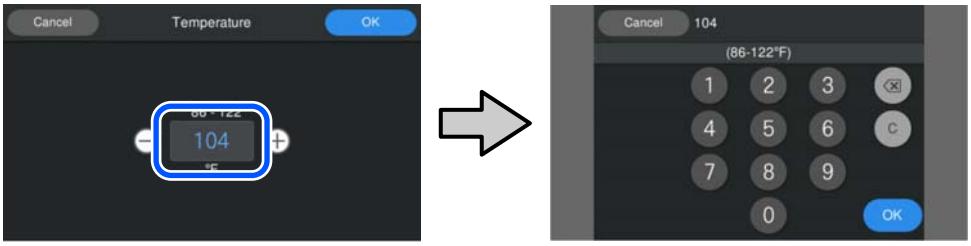
❻ Heater Temperature

Displays the temperature selected for each heater when using the selected registered media. The displayed status under the number changes as shown below depending on the temperature of the heaters. Press this area to display the settings screen where you can change the values.

Background Color	Icon	Status
Gray	-	Heater is stopped
Lit orange	-	Heater is warming*
Flashing orange		Heater is heating

* When **Printer Settings** - **Heater Control on Print Completion** is set to **50%**, the background color is gray even when the heater is warming. To raise the heater temperature to the set temperature during standby, press the Preheat Start area in ❼.

Note:
You can enter values on the numeric keypad screen by pressing the area (in the box) where the number is displayed, as shown in the illustration.



❼ Preheat Start/Stop

The heater starts heating when a job is sent, and printing starts when the heater reaches the set temperature. Press **Preheat Start** to start pre-heating the heater. Pre-heating allows you to start printing quickly once a job has been sent. You can start/stop pre-heating for the heater each time you press this area.

Additionally, the heater turns off after the time set in **Sleep Timer** in the settings menu has elapsed. Heating starts when a print job is sent, but you can still press **Preheat Start** if necessary. Also, if **Heater** is set to **Off** in the settings menu, pressing **Preheat Start** does nothing and pre-heating does not start.

❽ Platen Gap

Displays the platen gap value for the currently selected registered media. Press this area to display the settings screen where you can change the values.

❾ Notice on when to perform maintenance or Periodic Cleaning

Displays the remaining print duration, print page counter, or print length until maintenance or Periodic Cleaning is performed when the following conditions are met.

- ❏ Maintenance Cleaning: 24 hours in advance
- ❏ Periodic Cleaning (Print Duration): 24 hours in advance
- ❏ Periodic Cleaning (Print Page): 10 pages in advance
- ❏ Periodic Cleaning (Print Length): 16 m in advance

You can press this area to perform Head Cleaning if necessary.

Also, maintenance cleaning may be performed regardless of the notification when the printer is turned back on.

❿ (Printer Status)

If a warning notification has been generated, ⚠ is displayed on the right like this: . Press this area, then press **Message List** to display a list of warning notifications. You can check detailed information and the handling procedure for each item by pressing it in the list. Items are removed from the list as those actions are taken.

⓫ (link to manual)

Displays a QR code that takes you directly to the online manual.

Depending on your country or region, the QR code may take you directly to the Epson Video Manuals.

⓬ (Maintenance)

The Maintenance menu is displayed on the screen, and you can perform maintenance such as cleaning parts and replacing consumables.

⓭ / (Switch connection status)

The following icons indicate the connection status between the computer and the printer.

Connection on : 

Connection off : 

Press this area to switch the connection on or off.

For example, you can finish work more efficiently by turning the connection off to prevent jobs from being received before performing maintenance such as printing a nozzle check pattern or executing Head Cleaning after cleaning around the print head.

Note that you may not be able to switch depending on the operating status of the printer. In this situation, the icon is grayed out indicating that the function is disabled.

⓮  (Switch screens)

Switch between the Home screen (status display) and the Home screen (adjust while printing) every time this area is pressed.

⓯  (feed media to cutting position)

Depending on the settings for the currently selected registered media, the end of the print may be on the platen heater after printing is complete. If you want to send the end of the print to the cutting position, you can press this area to feed the media to the cutting position. Furthermore, if you perform an operation to feed the end of the print to the cutting position while it is in the cutting position, the print start position on the platen heater is fed to the cutting position.

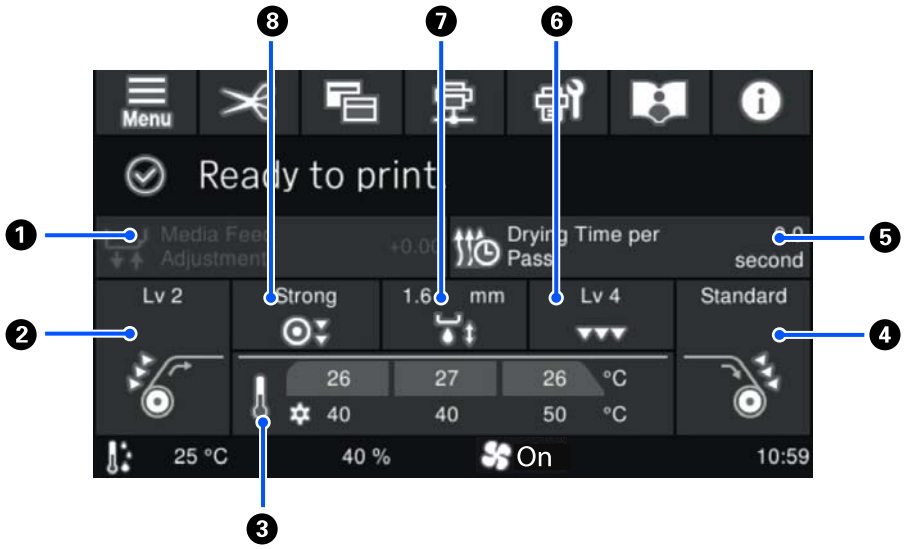
“How to cut and remove the taken-up media” on page 51

Home screen (adjust while printing)

The following section only describes parts that differ from the Home screen (status display). You can change the value for each setting even while printing. Adjustments are applied to the settings for the currently selected media.

See the following for more information on each item.

“Control Panel Menu” on page 76



❶ Media Feed Adjustment

To correct banding that occurs during printing, press this area to perform media feed corrections.

If the feed amount is too small, black bands (dark stripes) appear; correct the feed amount upwards (+).

In contrast, if the feed amount is too large, white bands (pale stripes) appear; correct the feed amount downwards (-). The value indicates the amount of feed that has been corrected as a percentage or as a positive (+) or negative (-) value.

❷ Feeding Tension

Displays the Feeding Tension setting. Press this area to change the setting if necessary, for example, if the media wrinkles during printing.

❸ Heater temperature

The heater's current temperature is displayed on the top row, and the set temperature is displayed on the bottom row. Press this area to change the temperature. You can also start/stop pre-heating for the heater.

❹ Rewind Tension

Displays the Rewind Tension setting. Press this area to change the setting if necessary, for example, if the media has slack while being rewound or the media wrinkles during printing.

❺ Drying Time per Pass

Displays the setting for the Drying Time per Pass. Press this area to change the drying time.

❻ Paper Suction

Displays the current setting for the strength of the paper suction applied by the platen heater to the media. Press this area to change the setting if necessary, for example, if the media is wavy on the platen heater.

❼ Platen Gap

Displays the setting for the platen gap. Press this area to change the setting.

❽ Pressure Roller Load

Displays the setting for the pressure roller load. Press this area to change the setting if necessary, for example, if the media wrinkles near the pressure roller during printing.

Notes on Handling

Notes When Using the Printer

Note the following points to avoid breakdowns, malfunctions, and print quality decline.

- ❏ When using the printer, follow the operating temperature and humidity range described in the "Specifications Table".
  ☞ "Specifications Table" on page 120
  Note, however, that the desired results may not be achieved if the temperature and humidity are within the limits for the printer but not within those for the media. Be sure the operating conditions suit the media. For more information, see the documentation supplied with the media. Also, when operating in dry areas, air conditioned environments, or direct sunlight, maintain the appropriate humidity.

- ❏ Make sure the work space is kept clean. If dust or lint enter into the printer, it could damage the printer, clog the print head nozzles, or cause media feeding issues.

- ❏ Avoid using the printer in locations with heat sources or that are exposed to direct drafts from ventilators or air conditioners. The print head nozzles could dry out and clog.

- ❏ The print head may not be capped (the print head may not return to the right side) if the printer is turned off when media is jammed or an error has occurred. Capping is a function for automatically covering the print head with a cap (lid) to prevent the print head from drying out. In this case, turn on the power and wait a while until capping is performed automatically.

- ❏ When the power is on, do not remove the power plug or cut the power at the breaker. Otherwise, the print head may not be capped properly. In this case, turn on the power and wait a while until capping is performed automatically.

- ❏ Do not bend or tug the waste ink tube. Ink could spill inside or around the printer.

- ❏ Maintenance such as cleaning and replacement must be performed according to usage frequency or at recommended intervals. Failure to perform regular maintenance could result in loss of print quality. In the absence of the appropriate maintenance, continued use could damage the print head.
  ☞ "Components Requiring Regular Cleaning and Cleaning Timing" on page 56

- ❏ Print head cleaning is performed automatically at a fixed interval after printing to keep the print head nozzles from clogging.
  Be sure that the waste ink bottle is installed whenever the printer is on.

- ❏ As well as being expended during printing, ink is used during Head Cleaning and other maintenance operations required to keep the print head in working order.

Notes When Not Using the Printer

If you are not using it, note the following points when storing the printer. If it is not stored correctly, you may not be able to print properly the next time it is used.

- ❏ If you are not going to use the printer for an extended period (the power is off), perform pre-storage maintenance using the cleaning ink supply unit sold separately. If the printer is left in this condition, it may be impossible to clear clogging in the print head.
  See the following for more information.
  ☞ "Pre-maintenance When Not Using the Printer for an Extended Period" on page 72

- ❏ If you do not print for a long time and do not perform pre-storage maintenance, turn the printer on at least once every seven days.
  If you do not print for a long time, the print head nozzles may become clogged. Head cleaning is performed automatically after startup when the printer is turned on. Head cleaning prevents print head clogging and maintains print quality. Do not turn the printer off until head cleaning is complete.
  Leaving the printer for too long without turning it on may result in a malfunction.

❏ If you have not used the printer for a long time, check the print head for clogging before you start printing. Perform head cleaning if the print head is clogged.
☞ "How to Print a Nozzle Check Pattern" on page 70

❏ The pressure rollers may crease media left in the printer. The media may also become wavy or curled, causing jams or resulting in the media coming into contact with the print head. Remove the media before putting the printer in storage. After removing the media, move the media loading lever to the front.

❏ Store the printer after confirming that the print head has been capped (the print head is positioned at the far right). If the print head is left uncapped for a long time, the print quality may decline.

> ***Note:***
> *If the print head is not capped, turn the printer on, and then turn it off.*

❏ Close all covers before placing the printer in storage. If you are not using the printer for a long time, put an anti-static cloth or cover on the printer to prevent dust. The print head nozzles are very small, and they can become clogged easily if fine dust gets on the print head, and you may not be able to print properly.

❏ When storing the printer, be sure that it is level: do not store it on an angle, on end, or upside down.

Notes When Using the Control Panel

❏ Touch the panel with your fingers. It only works when touched by a finger.

❏ Do not touch the panel with a sharp object, such as the tip of a ballpoint pen or mechanical pencil. There is a risk of damaging the panel.

❏ If the panel gets dirty, wipe it clean with a soft cloth. If it is very dirty, soak a soft cloth in a diluted solution of neutral detergent, wring it out well, and wipe off the dirt. After that, wipe the panel with a soft dry cloth. Do not use volatile chemicals such as thinner, benzene, or alcohol. There is a risk of damaging the surface of the panel.

❏ Do not use the product in an environment subject to rapid changes in temperature or humidity. Condensation may form inside the panel, causing performance to deteriorate.

❏ Some pixels on the screen may not light or may remain lit constantly. Uneven brightness may also occur due to the characteristics of the LCD, but this is not a malfunction.

Notes on Handling Ink Supply Units

Note the following points when handling ink supply units to maintain good print quality.

❏ Extra ink is required to fully charge the print head nozzles the first time the printer is used; therefore, replacement ink supply units will be needed earlier than usual.

❏ Store ink supply units at room temperature out of direct sunlight.

❏ To ensure print quality, we recommend using all of the ink before whichever of the following dates is earlier:

  ❏ The expiration date shown on the ink supply unit packaging

  ❏ One year from the date the ink supply unit was installed in the printer

❏ If you move the ink supply units from a cold place to a warm place, leave them at room temperature for more than four hours before using them.

❏ Do not touch the IC chip on the ink supply unit. You may not be able to print properly.

- ❏ Do not leave the printer without ink supply units installed. The ink in the printer will dry out and the printer will not function as expected. Leave ink supply units installed even when the printer is not in use.
- ❏ Because the IC chip manages the information for the ink supply unit, such as the remaining ink level, you can still reinsert and use them if you removed them before the replacement message appears.
- ❏ When storing an ink supply unit that has been removed during use, use the cleaning stick from the included maintenance kit in advance to absorb any ink adhering to the ink supply port. If the ink in the supply port dries out, it may cause ink leakage when you reinstall the ink supply unit and use it again.
  See the following for detailed cleaning instructions.
  ☞ "Pre-maintenance When Not Using the Printer for an Extended Period" on page 72
- ❏ While ink supply units are in storage, keep the ink supply ports free of dust. The ink supply port has a valve in it so it does not need to be capped.
- ❏ Removed ink supply units may have ink around the ink supply ports, so be careful not to get any ink on the surrounding area when removing the ink supply units.
- ❏ To maintain the quality of the print head, this printer stops printing before ink supply units are completely expended.
- ❏ Although the ink supply units may contain recycled materials, this does not affect printer function or performance.
- ❏ Do not dismantle or remodel ink supply units. You may not be able to print properly.
- ❏ Do not drop or knock an ink supply unit against hard objects; otherwise, the ink may leak from the ink supply unit.
- ❏ The ink supply units installed in the printer must be removed and thoroughly shaken once every three weeks.
  ☞ "Shaking" on page 63

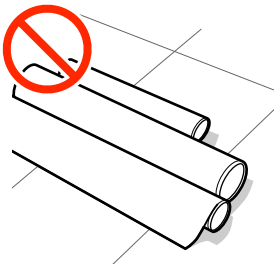
Precautions When Handling and Storing Media

Note the following when handling or storing media. Media that are in poor condition will not produce good quality prints.

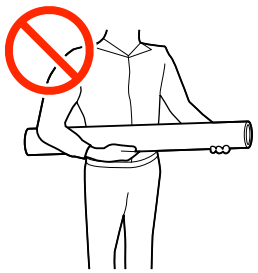
Be sure to read the documentation provided with each type of media.

Precautions when handling and storing

- ❏ Do not fold the media or damage the printable surface.
- ❏ Do not touch the printable surface. Moisture and oils from your hands can affect print quality.
- ❏ When handling media, hold it by both edges. We recommend wearing cotton gloves.
- ❏ Keep the media dry.
- ❏ Packaging materials can be used to store media and should not be thrown away.
- ❏ Avoid locations that are subject to direct sunlight, excessive heat, or humidity.
- ❏ When not in use, media should be removed from the printer, rewound, and inserted in its original packaging for storage. Leaving media in the printer for extended periods may cause it to deteriorate.
- ❏ Do not place exposed media directly on the floor. Media should be rewound and inserted in its original packaging for storage.



❏ Do not carry media with the media surface pressed against clothing.
Handle paper in its individual packaging until just before loading the paper in the printer.



Handling Media After Printing

To maintain long lasting, high quality print results, note the following points.

❏ Do not rub or scratch the printed surface. If it is rubbed or scratched, the ink may peel off.

❏ Do not touch the printed surface, as this may remove the ink.

❏ Make sure printouts are completely dry before folding or stacking, If they are stacked without drying, the colors in the overlapping areas may change (or marks may be left on the overlapping areas). These marks can be removed if you remove the media and allow it to dry immediately; however, if left unattended, the marks may become permanent.

❏ Avoid direct sunlight.

❏ To prevent discoloration, store prints as instructed in the documentation supplied with the media.

Introduction to the Software Provided

In the following section, we describe the Windows compatible software that is provided.

> ***Note:***
> *Printer drivers are not provided. A software RIP is required for printing. "Epson Edge Print PRO", Epson's software RIP for Windows, is supplied with the printer.*

For Mac OS users

Download Epson Edge Dashboard from the Epson website to be able to do the following. For details, see the manual provided with Epson Edge Dashboard.

- ❏ Update the firmware
- ❏ Import print settings files (EMX files) provided by Epson into commercial software RIPs.

https://www.epson.com

Basic Software

The method for providing software differ according to the country and region in which you live.

U.S., Canada, and Latin America

To view and download software options, visit the support site for your region and search for your product:

- ❏ https://epson.com/support (U.S.)
- ❏ https://epson.ca/support (Canada)
- ❏ https://latin.epson.com/support (Latin America)

Other Regions

The basic software is provided on Setup Navi (website).

Download and install the software from the Internet. Connect your computer to the Internet and install the software.

The following table shows the software supplied.

For more information on each software application, see the online help for each software application.

Software Name	Summary
EPSON Software Updater	The software checks if new software or update information is available on the Internet and installs it. You can also update the manuals for the printer.
Epson communications drivers	Epson communications drivers are required when using Epson Edge Dashboard or Epson Edge Print PRO, or when using a commercial RIP to connect a computer and the printer by USB. Make sure these are installed.

Software Name	Summary
EpsonNet Config SE	With this software, you can configure various network settings for the printer from your computer. This is useful as it allows you to enter addresses and names using the keyboard.

Epson Edge Print PRO

Epson Edge Print PRO is Epson's genuine software RIP. It makes color matching easy and allows you to make the most of the features of your Epson printer.

Install Epson Edge Print PRO on a computer that has the basic software installed. To install it, access the URL printed on the sheet inside the Epson Edge Print PRO package.

When you install Epson Edge Print PRO, the following two applications will also be installed at the same time.

- ❏ Epson communications drivers: This is required when connecting Epson Edge Print PRO to the printer.
- ❏ Epson Edge Dashboard: This supplements the Epson Edge Print PRO functions by importing print settings files (EMX files) provided by Epson for each media type.

See the following for more information on Epson Edge Print PRO.

☞ "Using Epson Edge Print PRO (Windows Only)" on page 31

Other Available Software

In addition to the basic software, the following software is available.

Software Name	Summary
Epson Edge Dashboard	This is installed when you install Epson Edge Print PRO*. After installation, it operates as resident software. The following features are available. ❏ Notifies you when a printer firmware update is available. You can download and update the latest firmware by following the wizard. ❏ Notifies you of the status of registered printers when you are using a commercial software RIP. ❏ You can use Epson Edge Dashboard to monitor the status of the printer when it is connected to the computer with a USB cable or over a network. ☞ "Using Epson Edge Dashboard" on page 31
Web Config	This software is for network administrators and is pre-installed on the printer. You can start it from a web browser via a network. You can configure the network security settings from Web Config. It also provides an e-mail notification function to inform you about errors and other events on the printer. ☞ "Using Web Config" on page 33

* If you have not installed Epson Edge Print PRO, see below.

U.S., Canada, and Latin America

To download Epson Edge Dashboard, visit the support site for your region and search for your product:

- ❏ https://epson.com/support (U.S.)
- ❏ https://epson.ca/support (Canada)
- ❏ https://latin.epson.com/support (Latin America)

Other Regions

Start EPSON Software Updater and install it from **Other useful software**.

☞ "Checking Software Update Availability" on page 32

Note:
In addition to the above, the Epson Web site provides useful software that is compatible with the printer. Check the following.

https://www.epson.com

Using Epson Edge Print PRO (Windows Only)

Starting Procedure

The application can be launched using any of the following methods.

- ❏ Double click the shortcut icon created on the desktop.
- ❏ Click the Windows Start button - **All Programs** - **Epson Software** - **Epson Edge Print**.

For more information, see the Epson Edge Print PRO online help.

Acquiring and Registering EMX Files

To print correctly on the media you are using, you need media settings and print information appropriate for the media you are using.

For each media type, Epson provides a print setting (EMX) file that contains optimized media settings and print information (the provided files differ according to the country and region in which you live).
See the following for details on EMX files.
☞ "Registering Media Settings on the Printer" on page 36

Epson Edge Print PRO allows you to easily perform the following operations in wizard format.

- ❏ Download EMX files
- ❏ Automatically register print information in Epson Edge Print PRO
- ❏ Register media settings to a media number on the printer

For more details on how to acquire and register EMX files, see the Epson Edge Print PRO help.

Closing Procedure

Select **Done** from **File** at the top left of the screen.

Using Epson Edge Dashboard

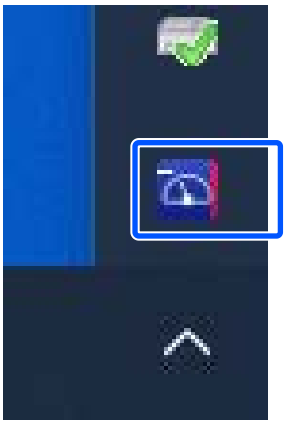
Starting Procedure

Epson Edge Dashboard is a Web application.

1 The application can be launched using either of the following two methods.

Windows

- ❏ Click the **Epson Edge Dashboard** icon on the taskbar on your desktop, and select **Show Epson Edge Dashboard**.



- ❏ Click **Start** - **All Programs** (or **Programs**) - **Epson Software** - **Epson Edge Dashboard**.

Mac OS

- ❏ Click the **Epson Edge Dashboard** icon displayed on the menu bar of the desktop, and select **Show Epson Edge Dashboard**.



- ❏ Double-click the **Applications** - **Epson Software** - **Epson Edge Dashboard** - **Epson Edge Dashboard** icon.

2 Epson Edge Dashboard starts.

For more information, see the Epson Edge Dashboard online help.

Registering the Printer

Epson Edge Dashboard can monitor, manage, and copy Media Settings to registered printers.

For Windows, printers are registered automatically, allowing you to monitor and manage them immediately after starting the Epson Edge Dashboard. If your printer is not automatically registered, check that you are using it under the following conditions.

- ❏ A communication driver provided with the printer has been installed on a computer
- ❏ The computer and printer are connected
- ❏ The printer is on standby

Printers are not automatically registered for Mac OS. Register your printer manually from the Register Printer screen. This screen is displayed when you start Epson Edge Dashboard for the first time. For details, see the Epson Edge Dashboard help.

Download the EMX File

To print correctly on your media when you are using a commercial software RIP, you must register the media's print information and media setting values on the printer and in the RIP.

You can use print setting file (EMX file) provided by Epson, which provides optimum print quality settings for the commercially available media being used. (The provided files differ according to the country and region in which you live.)
See the following for details on EMX files.
☞ "Registering Media Settings on the Printer" on page 36

After downloading an EMX file, you need to perform the following steps.

- ❏ Copy the media settings to the printer.
  For details, see the Epson Edge Dashboard help.
- ❏ Import the print information (print settings) into a commercial software RIP.
  See the manual for your software RIP for details.

Closing Procedure

Close the Web browser. However, since Epson Edge Dashboard is a resident software, it does not stop running.

Using EPSON Software Updater (Windows Only)

> ***Note:***
> *EPSON Software Updater is not available in all regions.*

U.S., Canada, and Latin American users:

To check for software updates, visit the support site for your region and search for your product:

- ❏ https://epson.com/support (U.S.)
- ❏ https://epson.ca/support (Canada)
- ❏ https://latin.epson.com/support (Latin America)

Checking Software Update Availability

1 Check the following status.

- ❏ The computer is connected to the Internet.
- ❏ The printer and the computer can communicate.

2 Start EPSON Software Updater.

Windows 8.1

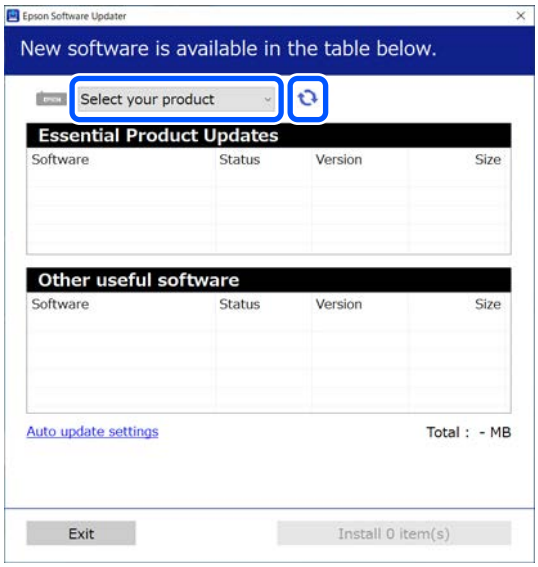
Enter the software name in the search charm, and select the icon displayed.

Other Windows versions

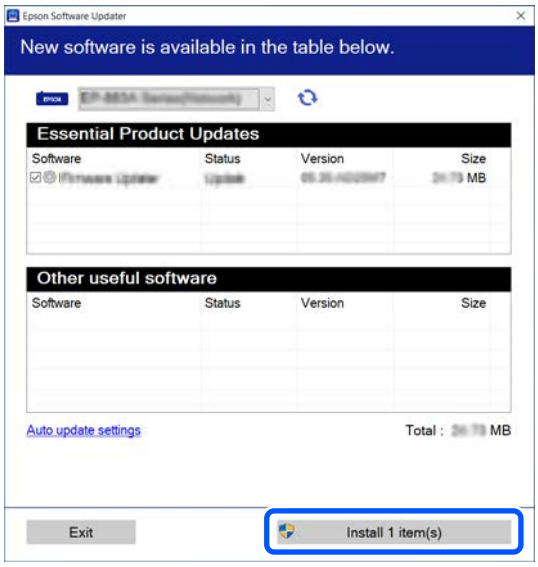
Click Start - **All Programs** (or **Programs**) - **Epson Software** - **EPSON Software Updater**.

> ***Note:***
> *You can also start by clicking the printer icon on the desktop taskbar and selecting **Software Update**.*

3 Select your printer, and then click to check for the latest software.



4 Select the software you want to update, and then click the Install button to start the installation.



Follow the on-screen instructions to continue.

> ***Important:***
> *Do not turn off the computer or printer while updating.*

Receiving Update Notifications

1 Start EPSON Software Updater.

2 Click **Auto update settings**.

3 Select an interval for checking for updates on the printer's **Interval to Check** box, and then click **OK**.

Using Web Config

Provides an overview of starting the software and the functions provided.

Summary of Functions

The following are the main functions of Web Config.

What general users can do

The following information can be checked by anyone.

- ❏ The status of the printer (such as the remaining amount of ink and replacement parts, and the firmware version)
- ❏ Network settings (these cannot be changed)

What administrators can do

When logged on as an administrator, you can configure advanced security settings such as network settings for the printer, SSL/TLS communication, IPsec/IP filtering, and IEEE802.1X, which cannot be done with the device alone.

Starting Procedure

Start the software on a computer that is connected to the same network as the printer.

1 Check the printer's IP address.

Confirm that the printer is ready to print. Press (menu), and then select **General Settings** - **Network Settings** - **Network Status** - **Wired LAN Status**.

2 Start a Web browser on the computer that is connected to the printer over the network.

3 Enter the IP address of the printer in the address bar of the Web browser and press the **Enter** or **Return** key.

Format:
IPv4: https://IP address of printer/
IPv6: https://[IP address of printer]/

Example:
IPv4: https://192.168.100.201/
IPv6: https://[2001:db8::1000:1]/

To log on as an administrator, proceed to the next step.

4 Click Log in at the top-right of the screen, enter your User Name and Current password, and then click OK.

When you log in for the first time, leave **User Name** blank, enter the initial password in **Administrator Password**, and then click **OK**.

"Checking the Initial Password" on page 35

Closing Procedure

Close the Web browser.

Uninstalling Software

Important:

- ❏ *Log into a "Computer administrator" account (an account with administrative privileges).*
- ❏ *Enter the administrator password when prompted and then proceed with the remainder of the operation.*
- ❏ *Exit any other applications that may be running.*

Windows

This section describes how to uninstall applications using Epson communications drivers as an example. We recommend performing this procedure with the printer turned off and the cable disconnected from the computer.

Windows 11

1 Click the Start button and then **Settings**.

The **Settings** screen is displayed.

2 Click **Apps** from the menu on the left side of the screen.

3 Click **Apps & features** (or **Installed apps**).

4 Click the menu button for **SC-S7100 Series Comm Driver** from the list and select **Uninstall** from the menu.

Follow the on-screen instructions to continue.

When the confirmation message is displayed, click **Yes**.

Other Windows versions

1 Open the Control Panel, and then click **Uninstall a program**.

2 Select **SC-S7100 Series Comm Driver** from the list and click **Uninstall**.

Follow the on-screen instructions to continue.

When the confirmation message is displayed, click **Yes**.

Mac OS

The following describes how to remove Epson Edge Dashboard.

1 Close **Epson Edge Dashboard**.

2 Double-click **Applications** - **Epson Software** - **Epson Edge Dashboard** - **Epson Edge Dashboard Uninstaller**.

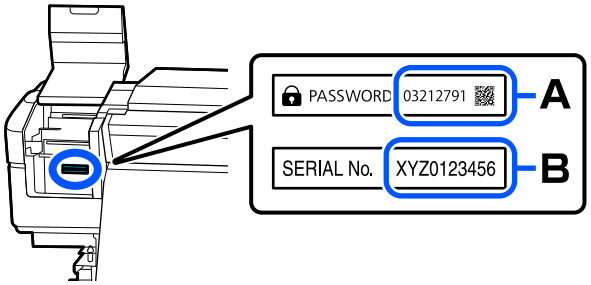
Follow the on-screen instructions to continue.

Notes on the Administrator Password

The initial password for each printer is different when the printer is shipped from the factory. We recommend that you do not continue to use the initial password when you start using the printer; change it to a password of your choice.

Checking the Initial Password

The initial administrator password is on the label inside the left maintenance cover.



- If the label says "PASSWORD": The initial password is indicated in A next to PASSWORD. (In the example in the illustration, the initial password is "03212791".)
- If the label does not say "PASSWORD": The initial password is indicated in B next to SERIAL No. (In the example in the illustration, the initial password is "XYZ0123456".)

Changing the Password

1. Start Web Config and log in as an administrator.

   "Starting Procedure" on page 33

2. Select the **Product Security** tab - **Change Administrator Password**.
3. Enter your current password in **Current password**.
4. Enter your new password in **New Password** and **Confirm New Password**, and then click **OK**.

   Input the **User Name** if necessary.

> ***Important:***
> *If you forget the password, contact your dealer or Epson Support for assistance.*

Basic Operations

Workflow for Correct Printing

Follow the instructions below to print correctly on your media.

1. Register media settings on the printer

To print properly on the media you are using, you need the appropriate media settings and print information for the media. You can easily register media settings to the printer using the following method.

"Registering Media Settings on the Printer" on page 36

↓

2. Load media

"Loading Media" on page 38

↓

3. Select settings for loaded media

Select the number of a registered media that has the media setting values registered.

"Configure Settings for Loaded Media" on page 39

↓

4. Load media into the auto take-up reel unit

"Loading Media into the Auto Take-up Reel Unit" on page 41

↓

5. Optimize the media settings (when using new media)

Adjust the settings for optimal printing by correcting for any individual differences between the media and printer you are using.

"Optimizing Media Settings (Automatic Adjustment)" on page 46

↓

6. Checking before Printing

Before printing, check the amount of ink remaining and the condition of the nozzles on the print head.

"Before Printing" on page 49

↓

7. Print

Print from Epson Edge Print PRO or a commercial software RIP.

Registering Media Settings on the Printer

You can register media settings in one of the following ways.

Using the general-purpose media settings that are pre-registered in the printer

The printer has six general-purpose media settings according to the media type.

When you select a media type, the printer prints using the general-purpose media settings appropriate for that media type.

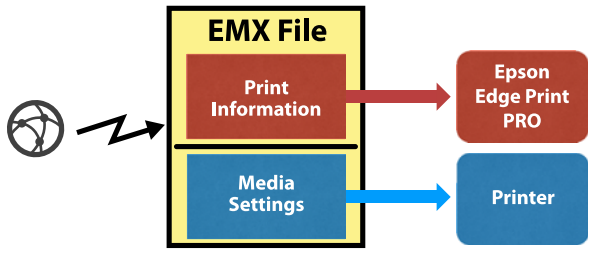
After loading the media, select the media type appropriate for the loaded media in Media Settings.

"Configure Settings for Loaded Media" on page 39

Downloading an EMX file and registering the settings

An EMX file provided by Epson is a single print settings file containing the following information necessary to print properly on commercially available media (the provided files differ according to the country and region in which you live).

- ❏ Print Information: Settings for ICC profiles that are used in the RIP, the number of passes, the resolution, and more.
- ❏ Media Settings: The settings appropriate for the media you are using that are registered to the printer's Media Management for the Platen Gap, Feeding Tension, and more.



When using the software RIP Epson Edge Print PRO supplied with the printer, download the EMX file from Epson Edge Print PRO.

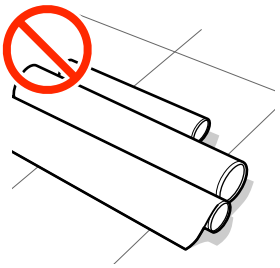
When using a commercial software RIP, download the EMX file using Epson Edge Dashboard.

Notes When Handling Media

If the following points are not observed when handling media, small amounts of dust and lint may stick to the media surface and cause ink drops in the print results or cause the nozzles to clog.

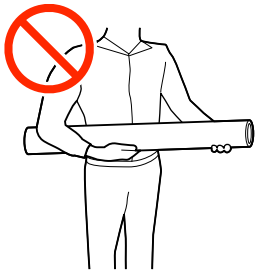
Do not place exposed media directly on the floor.

Media should be rewound and inserted in its original packaging for storage.



Do not carry media with the media surface pressed against clothing.

Handle paper in its individual packaging until just before loading the paper in the printer.



Notes on Loading Media

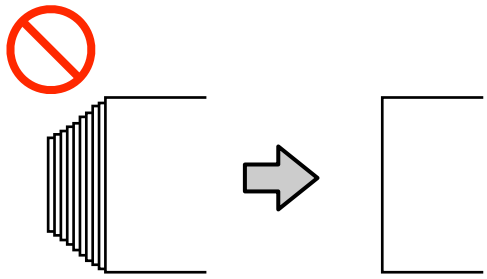
> ⚠ ***Caution:***
>
> - ❏ *The heaters and media edge plate may be hot; observe all necessary precautions. Failure to observe the necessary precautions could result in burns.*
> - ❏ *Because the media is heavy, it should not be carried by one person. For media weighing 40 kg (88 lb) or more, use of a lifter is recommended.*
> - ❏ *Be careful not to trap your hands or fingers when opening or closing the printer cover. Failure to observe this precaution could result in injury.*
> - ❏ *Do not rub your hands along the edges of the media. The edges of the media are sharp and can cause injury.*

Load the media just before printing.

The pressure may crease media left in the printer. The media may also become wavy or curled, causing jams or resulting in the media coming into contact with the print head.

Do not load media if the right and left edges are uneven.

If media is loaded and the right and left edges of the roll are uneven, media feeding problems may cause the media to move around during printing. Either rewind to align the edges or use a roll without any issues.



Media that cannot be used

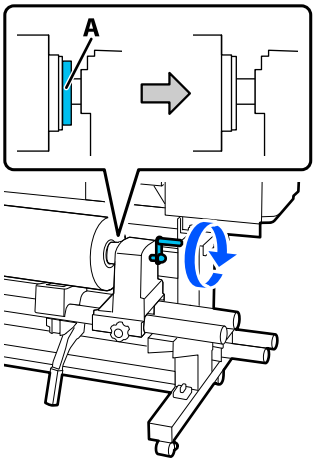
Do not use media that is folded, wrinkled, scuffed, torn, or dirty. The media could rise up and contact the print head and damage it.

Do not use paper that is frayed at the ends of the roll, wrinkled, or torn, as shown in the following image.



Do not rotate the handle for the media holder too much.

When turning the handle to push in part A, as shown in the illustration, do not turn the handle any further once part A is hidden. Failure to observe this precaution could damage the media holder.



Handle the media edge plates with care.

- ❏ When aligning the media edge plates with both edges of the media, make sure that the edges of the media are positioned so that they are at the centers of the holes in the media edge plates. Incorrect positioning causes banding (horizontal banding, tint unevenness, or stripes) during printing.
- ❏ Do not use the media edge plates with media that is 0.5 mm (0.02 in.) or more thick. The media edge plates could touch and damage the print head.
- ❏ Do not use the media edge plates if the left and right sides of the printed media are smudged when printing.
- ❏ Move the media edge plates to the left and right edges of the platen heater when they are not in use.

Loading Media

As shown below, you can load media while checking the procedure on the panel screen.

You can check the procedure in a video on YouTube.

Epson Video Manuals

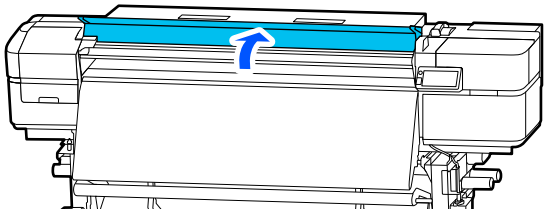
Read the following before starting this procedure.

“Notes When Handling Media” on page 37

“Notes on Loading Media” on page 37

1 Check that **Open Printer Cover and load the media.** is displayed, and then open the printer cover.

> ***Important:***
> *Do not touch any components inside the printer cover or maintenance cover except in the locations specified. This can damage the printer so it cannot print properly.*



2 Press **How To...** to view the loading procedure.



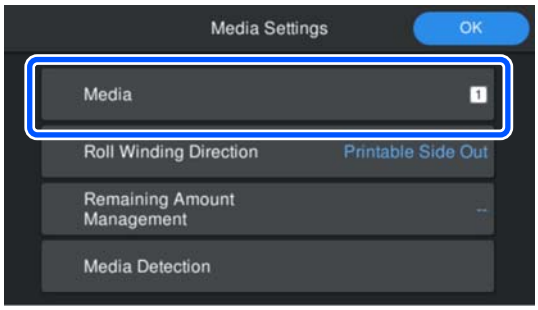
Follow the on-screen instructions to perform the procedure.

When you have finished loading the media, follow the instructions on the control panel to configure the settings for the loaded media.

“Configure Settings for Loaded Media” on page 39

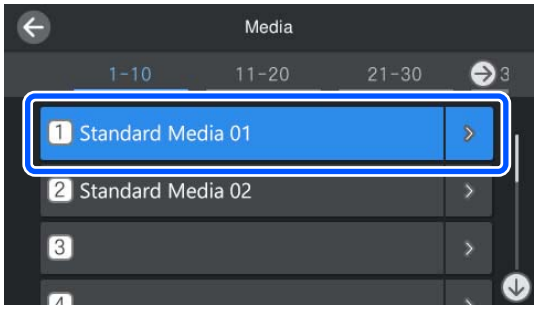
Configure Settings for Loaded Media

1 Press **Media** to select the registered media number that contains the settings corresponding to the loaded media.



When Media Settings have been registered for the loaded media/EMX files have already been downloaded.

Select the registered media number.



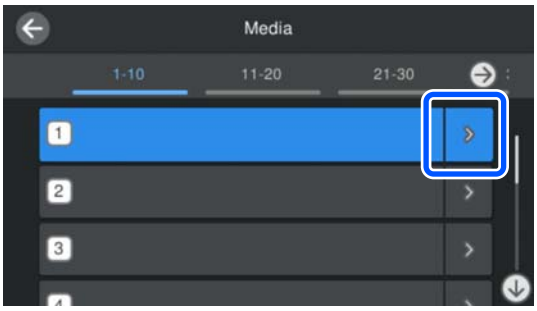
When Media Settings have not been registered for the loaded media

In this situation, select an unregistered number.

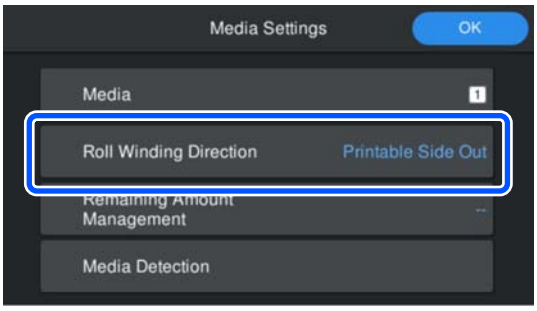
If you select an unregistered number, the screen where you can select the Media Type is displayed. Select the Media Type that matches the type of media you have loaded.



To change the media type later, press › - **Edit** - **Media Type** on the screen where the registered media number is displayed.



2 Check the **Roll Winding Direction**.



On the Media Settings screen, check that the winding direction matches the winding direction for the loaded media.

If the direction is different, press **Roll Winding Direction** to change the setting.

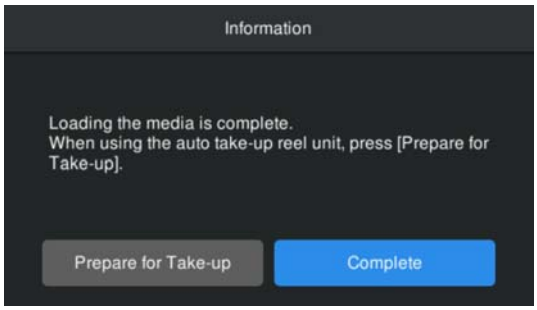
3 If necessary, enable operations to perform when feeding paper and press **OK**.

See the table below and configure the settings if necessary.

Remaining Amount Management		
	Remaining Amount Management	The manufacturer's default setting is set to **Off**, but if you turn this setting **On** and set the **Remaining Amount** and **Remaining Alert**, you can check the remaining amount of media on the control panel making it easier to understand when to replace the media.
	Remaining Amount	Input the Remaining Amount of the loaded media (length of the media).
	Remaining Alert	A warning message is displayed when the remaining amount of the roll set here is reached.

Media Detection		
	Width Detection Media Width End Detection	We recommend this normally be set to the manufacturer's default setting. Turn **Off** the **Width Detection** and **End Detection** settings and enter the **Media Width** only when using transparent media or other media whose media width or media end cannot be detected correctly.

4 Follow the on-screen instructions to finish loading the media.



When using the auto take-up reel unit

Press **Prepare for Take-up**. Next, see the following.

☞ "Using the Auto Take-up Reel Unit" on page 40

When not using the auto take-up reel unit

Press **Complete**.

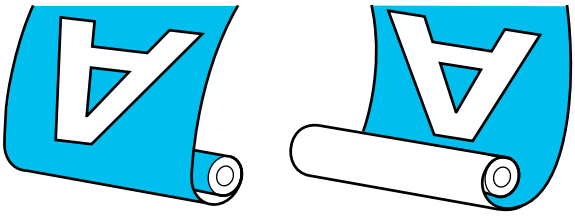
After a moment, **Ready to print.** is displayed on the screen, and you can start printing. Send the data you want to print from the computer.

Using the Auto Take-up Reel Unit

The auto take-up reel unit automatically takes up media as it is printed.

The auto take-up reel unit for this printer can take up paper in either of the directions shown below.

Printed side out Printed side in



Taking-up with printed side out places the printed surface on the outside of the roll.

Taking-up with printed side in places the printed surface on the inside of the roll.

You can check the procedure in a video on YouTube.

Epson Video Manuals

> ***Caution:***
>
> ❏ *Follow the instructions in the manual when loading media or roll cores or removing media from the take-up roll.*
> *Dropping media, roll cores, or take-up rolls could result in injury.*
>
> ❏ *Be sure that your hands or hair do not get caught in the media feeding unit or the auto take-up reel unit while it is operating.*
> *Failure to observe this precaution could result in injury.*

Precautions to Prevent Misalignment during Take-up

The following points will help to minimize misalignment when taking up long printed materials.

Make sure you are using a roll core that is longer than the width of the media.

This ensures that the media can be correctly taken-up without extending beyond the edges of the roll core.

Cut the edge of the paper and affix paper tape to secure it in the center of the roll core.

Due to the following advantages, we recommend using paper tape to attach the media to the take-up roll core.

❏ It helps prevent lateral misalignment and media from moving around, ensuring stable print length for each job.

❏ It minimizes media waste.

When the supplied paper tape runs out, purchase commercially available paper tape with a width of 20 to 25 mm (0.8 to 1 in.) (that is not easily stretched or cut). If you do not have any paper tape, as a substitute you can cut media into a strip that is 20 to 25 mm (0.8 to 1 in.) wide and approximately 70 cm (28 in.) long, and then attach the ends of the strip to the media and the roll core using adhesive tape.

Loading Media into the Auto Take-up Reel Unit

This section shows the procedure using paper tape.

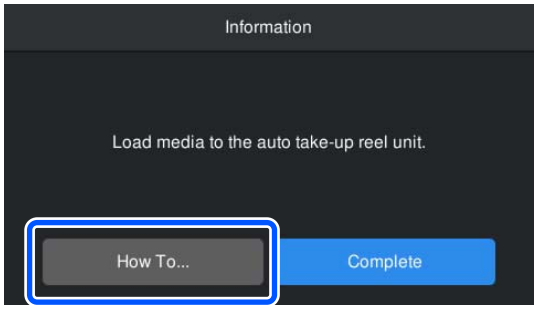
You can check the procedure in a video on YouTube.

Epson Video Manuals

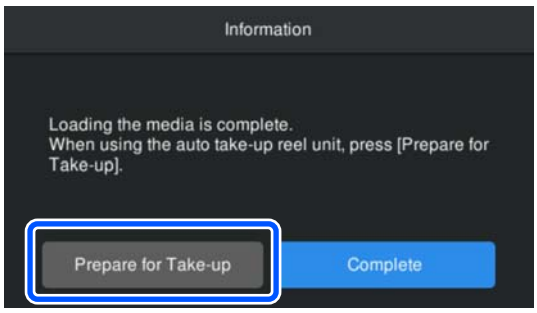
If you do not have paper tape at hand, see the following.

☞ "When Paper Tape is Unavailable" on page 42

In the following screen, press **How To...** on the screen to load the media while checking the procedure on the panel's screen. Follow the on-screen instructions.



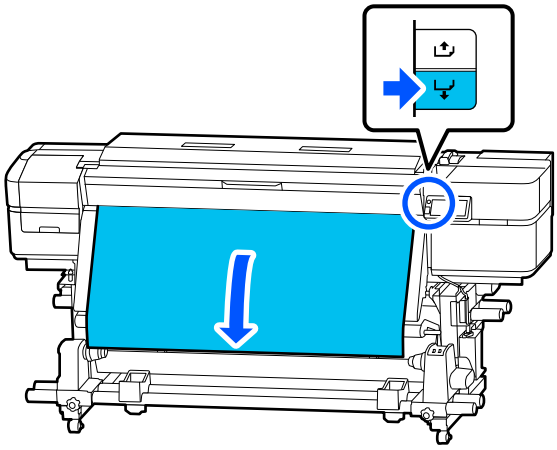
Note:
If this screen is not displayed when you are loading media, move the media loading lever to the rear and then back to the front again. The previous screen is displayed when you select ***Prepare for Take-up*** *in the screen shown below.*



When Paper Tape is Unavailable

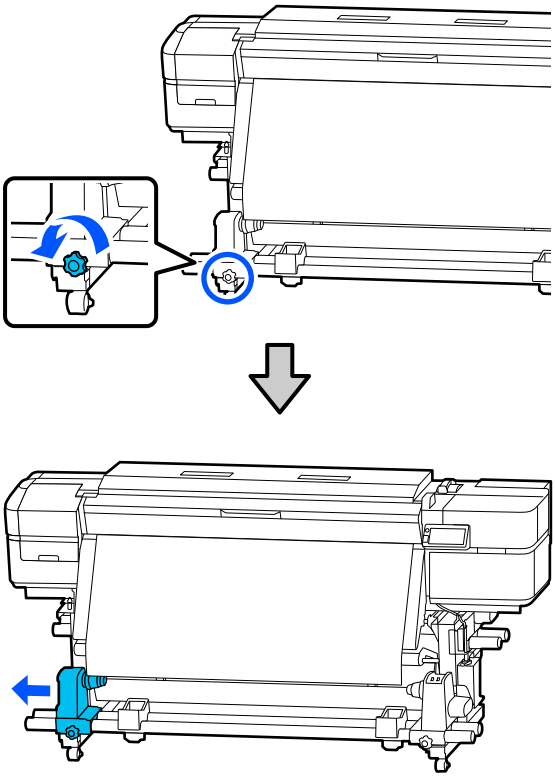
Attaching the Roll Core

1 Hold down the [ ] button on the control panel to feed the media to the media holder position.

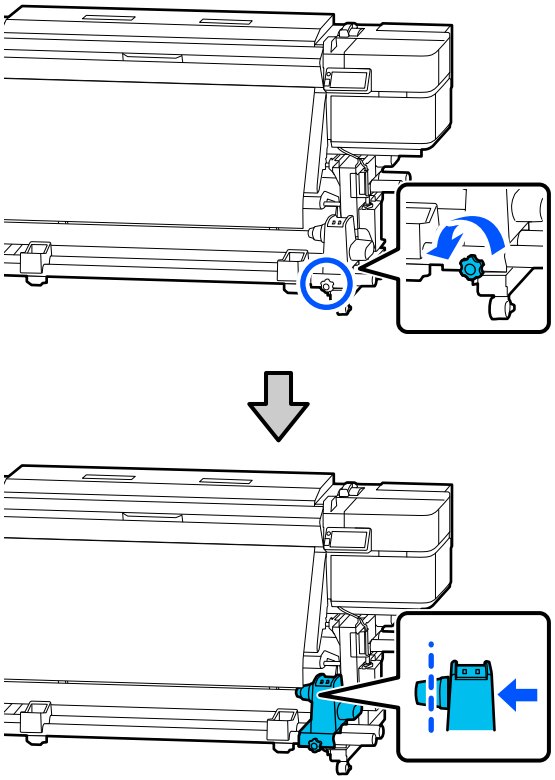


Important:
Do not pull the media by hand. Pulling by hand can cause the media to twist during the take-up process.

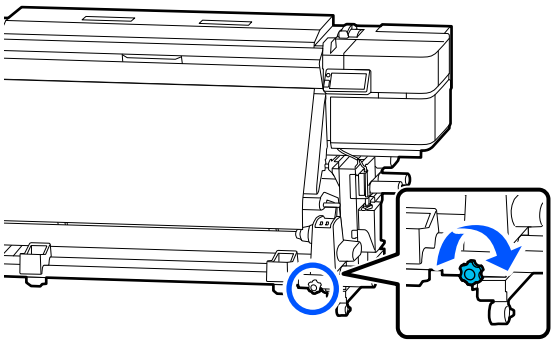
2 Loosen the locking screw on the left media holder and move the holder out.



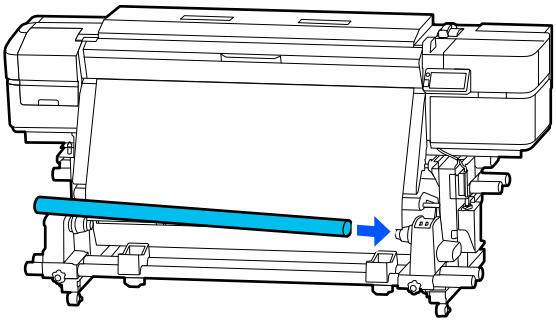
3 Loosen the locking screw on the right media holder and move it to the loading position that matches where you want the right side of the core to be located.



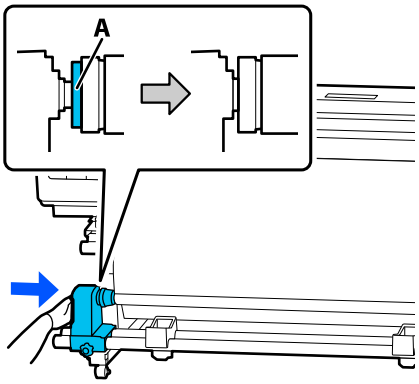
4 Tighten the locking screw securely.



5 Insert the roll core onto the right media holder.

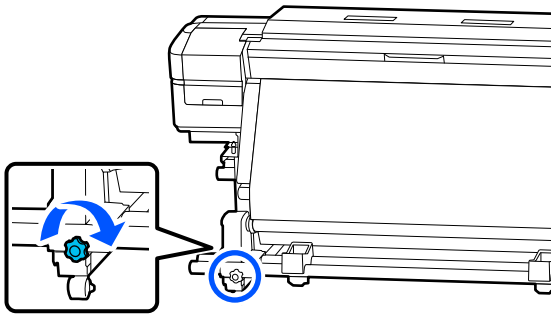


6 Insert the left media holder into the roll core and press it in until part A in the illustration is completely inserted.



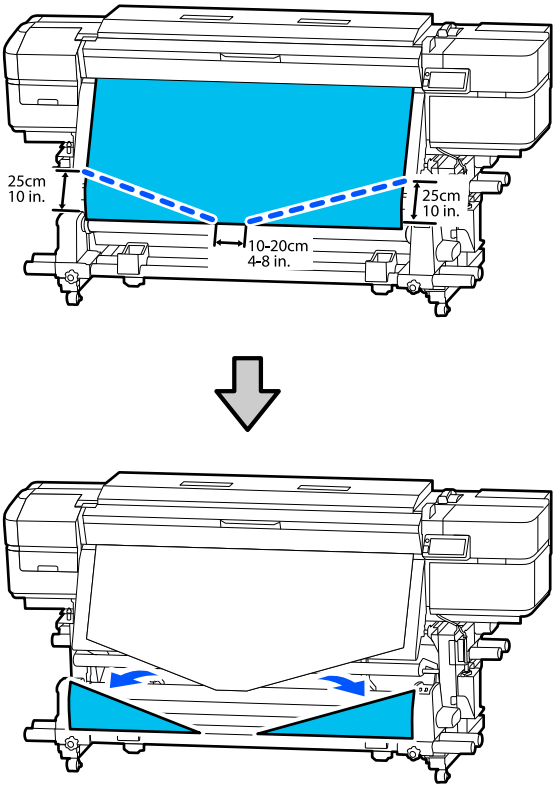
> **Important:**
> *Once the part labeled A cannot be seen, do not push it in any further. If it is inserted too far, the media will be taken up incorrectly.*

7 Tighten the locking screw securely.



8 Leave a 10 to 20 cm (4 to 8 in.) wide section in the center of the media, and cut at least 25 cm (10 in.) in length from the left and right corners of the media.

Cutting the left and right corners of the media helps prevent them from bending and getting caught during the initial take-up, ensuring it is taken-up evenly.



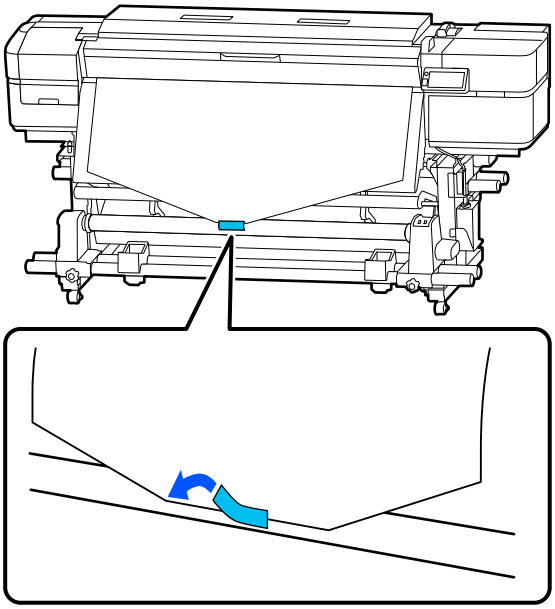
Next, see the following.

"How to Take Up Media" on page 44

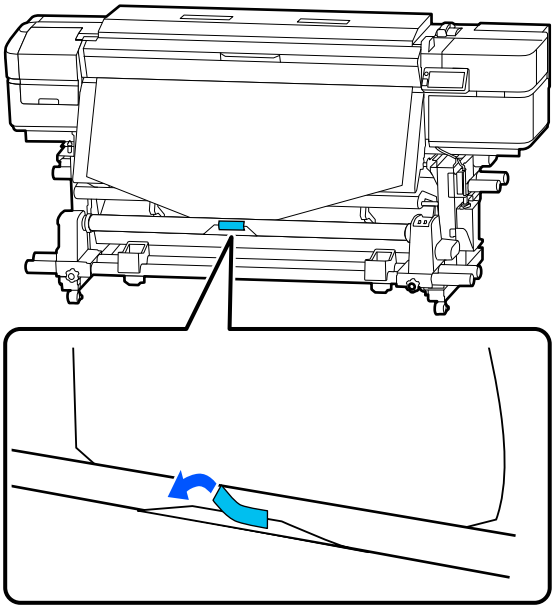
How to Take Up Media

1 While pulling the center of the media straight down, attach it to the take-up roll core using commercially available adhesive tape in the take-up direction.

When the printed side is out

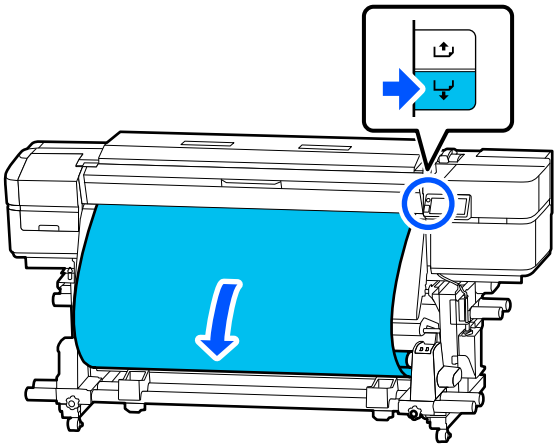


When the printed side is in

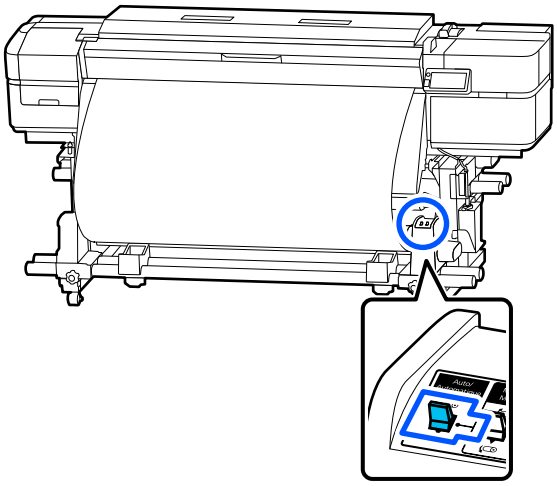


> ***Important:***
> *Make sure the media is taut when you attach it to the take-up roll core. The media may move around during take-up if it is attached while there is slack.*

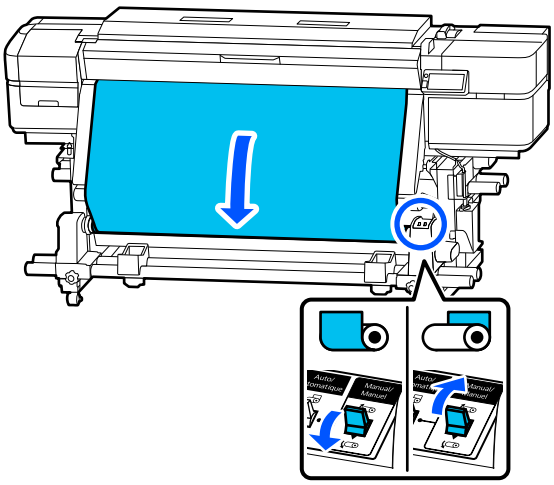
2 Hold down the [ ] button on the control panel to feed out enough media for approximately one complete turn of the take-up roll core.



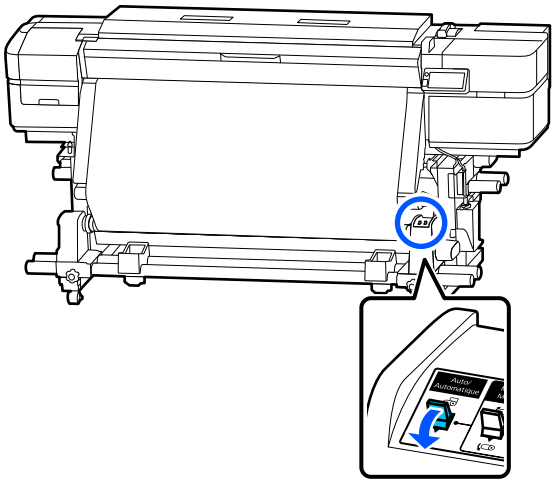
3 Flip the Auto switch to the ● position.



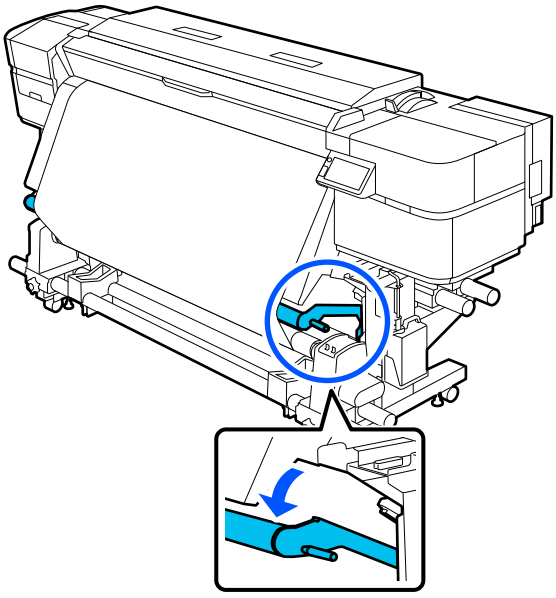
4 Position the Manual switch based on the take-up direction and take-up the media around the roll core for one complete turn.



5 Set the Auto switch to match with the take-up direction.

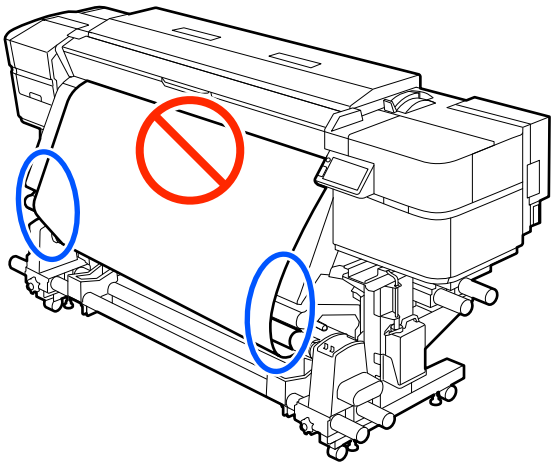


6 Lower the tension bar until it slightly touches the media.

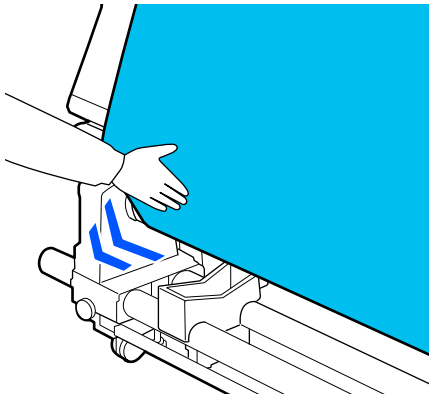


7 Check that the media is installed without any warping.

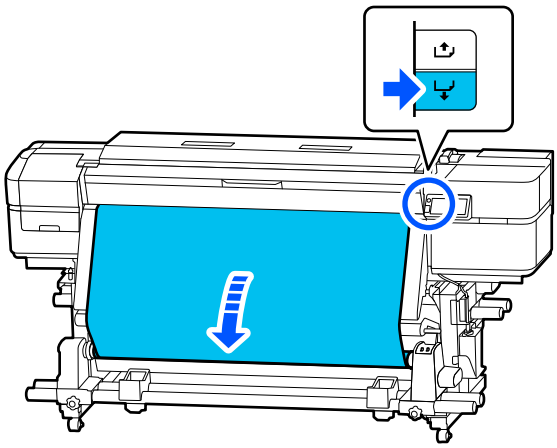
If the tension on the left and right of the media differs, as shown in the circled areas in the illustration below, it will not be taken-up correctly. If either side is slack, start again from step 1.



Note:
You can also check for tension differences by gently tapping both ends of the media, as shown in the following illustration.



8 Hold down the [ ] button until the media has wrapped around once or twice.



Optimizing Media Settings (Automatic Adjustment)

You need to optimize the media settings in the following cases. To optimize the media settings, perform **Automatic Adjustment** from **Print Adjustments**.

When registering media settings in the EMX file to the printer

When you are using Epson Edge Print PRO or Epson Edge Dashboard to register the media settings from a downloaded EMX file, you need to optimize the settings to correct for the individual characteristics of the media and printer you are using.

When changing Advanced Settings after saving media settings

Precautions When Performing Print Adjustments

Adjustments are made based on the media loaded in the printer.

- ❏ Using the actual printing conditions, correctly load the media that needs to be adjusted in the printer.
- ❏ If you are attaching the auto take-up reel unit to print, place the media on the auto take-up reel unit during Print Adjustments.
- ❏ When registering the media settings to the printer, make sure you select the name set in **Media Management** from the Settings menu in **Select Media**.

Make sure nozzles are not clogged before adjusting.

If nozzles are clogged, adjustments will not be performed correctly.

Print to visually inspect the check pattern (Standard), and then perform Print Head Cleaning if necessary.

Automatic Adjustment Procedure

Automatic Adjustment performs Media Feed Adjustment and Print Head Alignment automatically while printing the pattern.

The approximate length of the media required to print the test pattern is given below.
Approximately 300 mm (11.8 inches)

You may not be able to perform Automatic Adjustment depending on the media you are using. If an error occurs, or if you notice banding or graininess in the print results even after performing Automatic Adjustment, perform **Manual Adjustment** from the Print Adjustments menu.

“If You Cannot Perform Automatic Adjustment” on page 47

1 Check that the printer is ready, and load the media according to the actual usage conditions.

“Precautions When Performing Print Adjustments” on page 46

2 Press (menu), and then press **Media Settings** - **Print Adjustments** - **Automatic Adjustment**.

3 Check the instructions displayed on the screen, and then press **Auto Adjustment**.

If you did not check the condition of the nozzles in advance, press **Nozzle Check Pattern** and adjust the printer while the nozzles are not clogged.

4 Press **Start**.

Auto adjust starts, and the adjustment pattern is printed.

Wait until adjustment is complete.

If You Cannot Perform Automatic Adjustment

After performing **Media Feed Adjustment**, continue with **Print Head Alignment**. For both adjustments, visually check the printed pattern and enter the measured values for adjustment.

Types of Manual Adjustment

Media Feed Adjustment

This menu is also used when banding (horizontal banding, tint unevenness, or stripes) is detected in printing results.

You can select from **Manual(Standard)** or **Manual(Measurement)** to perform adjustments.

- Manual(Standard)
  Usually, this is selected.
  “Setting procedure for Manual(Standard)” on page 47

- Manual(Measurement)
  This is useful for making accurate print adjustments when printing on uneven media such as canvas or media that bleeds-through easily, such as cloth.
  “Setting procedure for Manual(Measurement)” on page 48

Print Head Alignment

You can also perform this if you notice graininess in the print results.

“Print Head Alignment” on page 47

Manual Adjustment Procedure

Setting procedure for Manual(Standard)

The approximate length of the media required to print the test pattern is given below.

Approx. 170 mm (6.69 in.)

When executing adjustments, be sure to read the following:

“Precautions When Performing Print Adjustments” on page 46

1 Check that the printer is ready, and load the media according to the actual usage conditions.

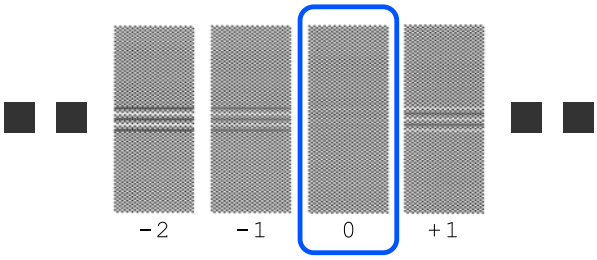
2 Press (menu), and then press **Media Settings** - **Print Adjustments** - **Manual Adjustment** - **Media Feed Adjustment** - **Manual(Standard)**.

3 Press **Start**.

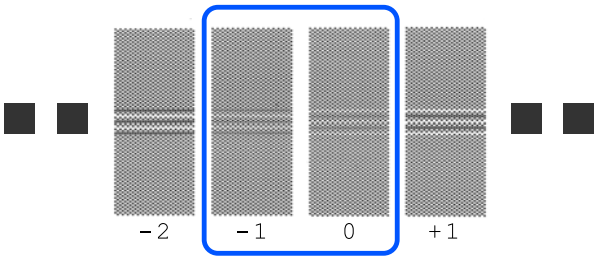
An adjustment pattern is printed. Wait until printing is complete.

4 Check the printed adjustment pattern.

Two groups of adjustment patterns, 1-A and 1-B, are printed. Select the pattern with the least amount of overlapping or gaps for each group. For example, you would select "0" for the pattern below.



If two patterns with the least overlapping or gaps are similar, select the number in between the patterns. For example, you would select "-0.5" for the pattern below.



5 On the screen for entering adjustment values, press ⊖ / ⊕ to enter the value acquired by multiplying the number of the pattern selected in step 4 by 0.10.

- ❏ If 1 was selected, 1 x 0.10; therefore, enter "0.10".
- ❏ If -1 and 0 are the same, -0.5 x 0.10; therefore, enter "-0.05".

Enter values for both 1-A and 1-B, and press **OK** to finish the adjustment.

Setting procedure for Manual(Measurement)

The approximate length of the media required to print the test pattern is given below.

Approx. 820 mm (32.28 in.)

When executing adjustments, be sure to read the following:

☞ "Precautions When Performing Print Adjustments" on page 46

1 Check that the printer is ready, and load the media according to the actual usage conditions.

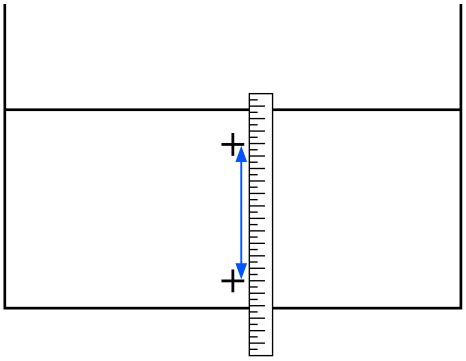
2 Press Menu (menu), and then press **Media Settings** - **Print Adjustments** - **Manual Adjustment** - **Media Feed Adjustment** - **Manual(Measurement)**.

3 Press **Start**.

An adjustment pattern is printed. Wait until printing is complete.

4 Check the printed adjustment pattern.

Cut after the adjustment pattern, spread it out on a flat surface, and then measure it using a scale. Use a scale that can measure in increments of at least 0.5 mm.



5 The screen for entering confirmation results for the adjustment pattern is displayed.

Enter the value measured in step 4, and then press **OK** to finish the adjustment.

Print Head Alignment Procedure

The approximate length of the media required to print the test pattern is given below.

Approx. 100 mm (8.2 in.)

When executing adjustments, be sure to read the following:

☞ "Precautions When Performing Print Adjustments" on page 46

1 Check that the printer is ready, and load the media according to the actual usage conditions.

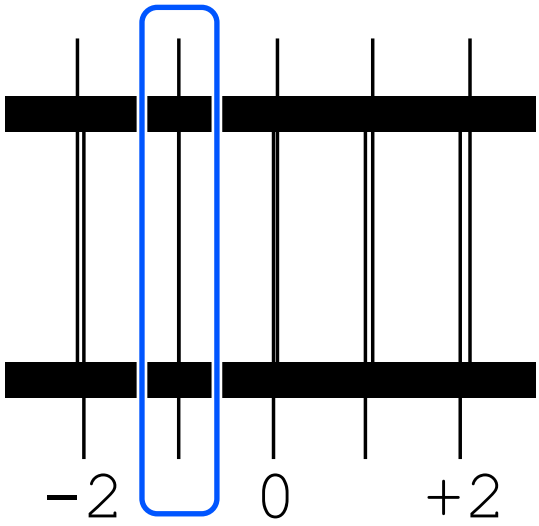
2 Press Menu (menu), and then press **Media Settings** - **Print Adjustments** - **Manual Adjustment** - **Print Head Alignment**.

3 Press **Start**.

An adjustment pattern is printed. Wait until printing is complete.

4 Check the printed adjustment pattern.

Two blocks, A and B of #1, are printed. Select the finest lined pattern (all lines overlap) for both. For example, you would select "-1" for the block shown below.



5 On the screen for entering adjustment values, press ⊖ / ⊕ to enter the numbers selected in step 4, #1A and #1B, in this order, and then press **OK**.

Before Printing

To maintain print quality, perform the following inspection before starting work each day.

Checking the amount of ink remaining

If the ink level falls below the minimum threshold during printing, you can continue printing by replacing the relevant ink supply units. However, replacing the ink during printing may result in color variation depending on how the ink dries. We recommend replacing any ink supply units running low with new ones in advance when you plan to print a large volume of material. You can reinstall and use the removed ink supply units again.

You can check the remaining ink level using the icons on the screen.

“Home Screen” on page 17

Replacing Ink Supply Units
“Replacement Procedure” on page 64

Shaking Ink Supply Units

If a message is displayed informing you that it is time to shake the ink, shake the ink.

“Shaking the Ink Supply Units Periodically” on page 63

Checking the nozzle check pattern

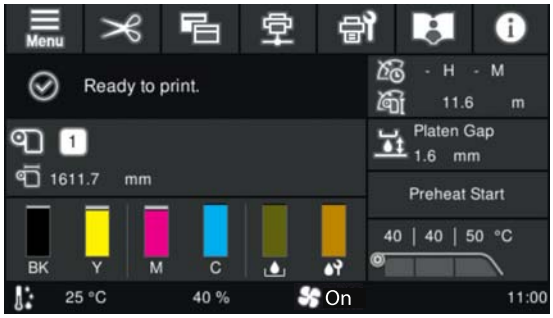
You can check the status of the nozzles by printing a nozzle check pattern.

Perform Head Cleaning if parts of the printed nozzle check pattern are faint or missing.

“Nozzle Check and Head Cleaning” on page 70

Printing

You can start printing when you have finished loading the media and **Ready to print.** is displayed. In the software RIP, select the same media type as the media selected on the printer. Send a print job to start printing.



Changing Settings During Printing

You can change the settings for the adjustment items displayed on the home screen during printing.

“Home Screen” on page 17

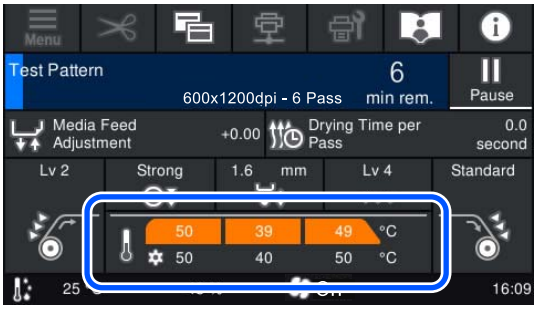
The following example explains how to change the temperature setting for the heater, and how to correct the media feed amount when banding occurs in the printouts.

Changing the Heater's Temperature

1 Press the Temperature area on the adjust while printing screen.

The screen for changing the temperature setting for each heater is displayed.

You can also change this setting by pressing the Temperature area on the Status Indicator screen.



2 Choose a value.

Press ⊖ / ⊕ to change the temperature.

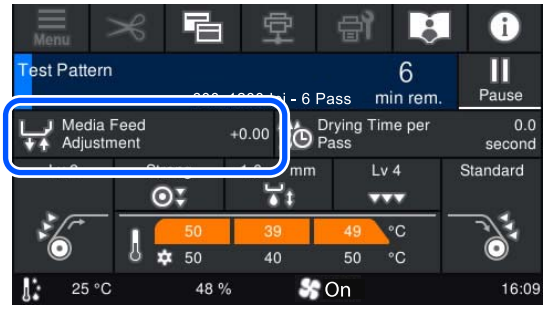
3 Press ↩ to return to the home screen.

> ***Note:***
> *The time needed for the heaters to reach the specified temperatures varies with the ambient temperature.*

Correcting Banding

When you want to correct banding during printing, correct the media feed amount.

1 During printing, press the following area on the adjust while printing screen.



If the adjust while printing screen is not displayed, press (switch screens) on the Home screen.

2 Press ↑ / ↓ on the screen, or press the ↑ / ↓ buttons on the control panel to change the value.

If the feed amount is too small, black bands (dark stripes) appear; press the ↓ (or ↓ button) to adjust the feed amount upwards.

In contrast, if the feed amount is too large, white bands (pale stripes) appear; press the ↑ (or ↑ button) to adjust the feed amount downwards.

3 Check the print results and if you are not satisfied with the results, go back to step 2 and change the setting values again.

The setting for the currently selected registered media number is updated.

4 Press ↩ to return to the home screen.

> ***Note:***
> *The results of changing the settings are un-done if you perform any of the following operations.*
>
> ❏ *Restart **Media Feed Adjustment**.*
>
> ❏ *Execute **Clear All Data and Settings**.*

When you have finished the target printing, we recommend performing **Print Adjustments** from the settings menu.

“Optimizing Media Settings (Automatic Adjustment)” on page 46

Replacing the Media

This section explains how to replace media with another media while there is still media remaining, and how to replace media with new media when the media ends.

See the following according to your needs.

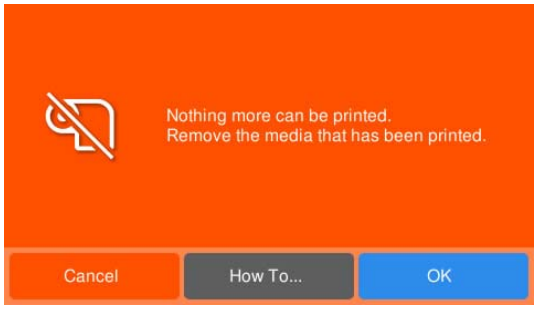
“Replacing Expended Media” on page 51

"Replacing Media that is not Expended" on page 51

Replacing Expended Media

If the media runs out during printing, one of the following media-out errors is displayed on the control panel screen, depending on how the media ran out.

❏ When the end of the media has come off the roll core



Press **How To...** to remove the roll core of the finished media and the rewound media while checking the procedure on the panel's screen. Follow the on-screen instructions.

❏ When the end of the media is still attached to the roll core



Open the printer cover and remove the roll core of the finished media and the rewound media while checking the procedure on the panel's screen.

To continue printing, load new media without canceling the print job. When new media is loaded and the printer is ready to print, the rest of the job is printed.

"Loading Media" on page 38

Replacing Media that is not Expended

Follow the steps below when replacing media that is still being used.

1. Cut the media and remove the taken-up media.

Cut the printed part and remove the taken-up media.

"How to cut and remove the taken-up media" on page 51

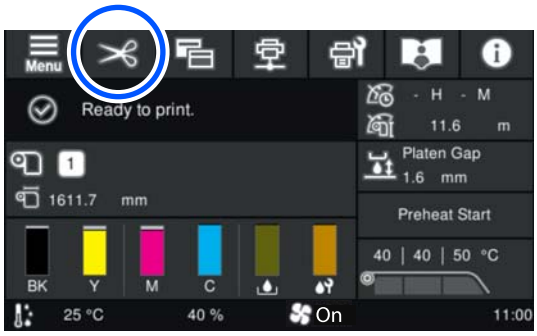
2. Remove the media from the media feeding unit.

"Removing Media" on page 52

How to cut and remove the taken-up media

1 Confirm that the printer is ready to print.

2 Press (feed media to cutting position) on the control panel screen.



3 Press **Feed to Cut Position**.



Changing **Feed Position Adjustment** allows you to adjust the feed rate relative to the standard value. If you want to adjust the margins for the print results, adjust the feed position, and then press **Feed to Cut Position**.

Note:
*If the following settings are both set to **On**, when you press **Feed to Cut Position**, the remaining amount of media and information about the printer at that time are printed before the media is fed to the cutting position.*

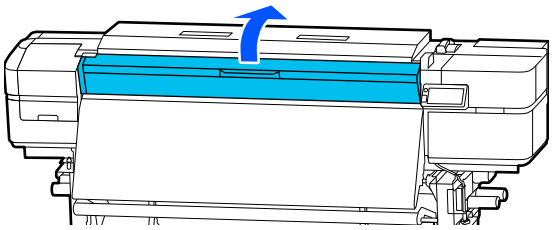
- ***Remaining Amount Management** in **Media Settings***
- ***Information Printing at Media Cut** in **Printer Settings***

4 Press **How To...** to cut and remove the taken-up media while checking the procedure on the panel's screen.

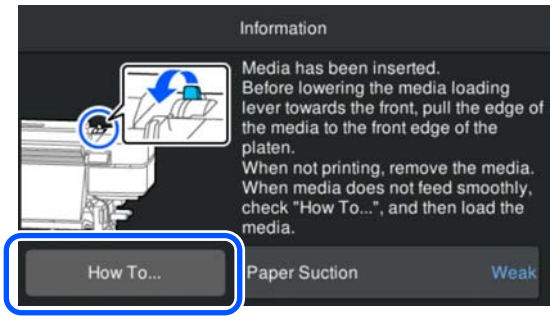
Caution:
- *The heaters and media edge plate may be hot; observe all necessary precautions. Failure to observe the necessary precautions could result in burns.*
- *When cutting media, be careful not to cut your fingers or hands with the cutter or other blades.*

Removing Media

1 Open the printer cover.



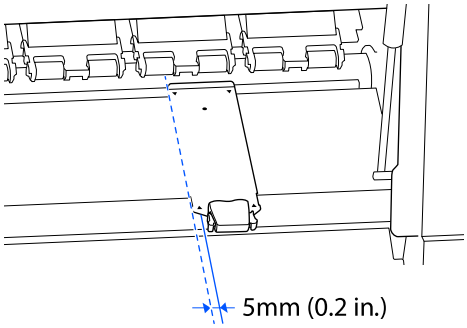
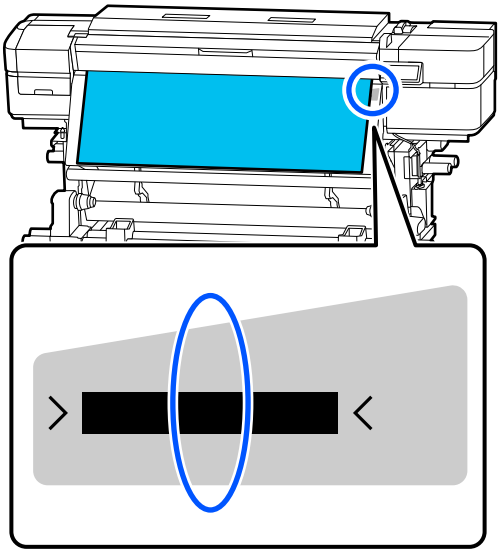
2 Press **How To...** - **Removing media** in this order and follow the on-screen instructions to remove the media.



Printable Area

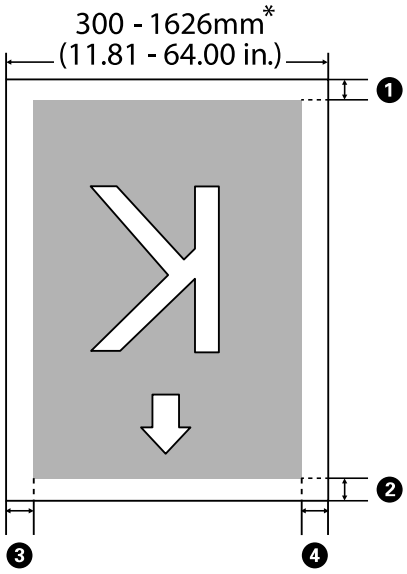
The position of the media edge that is used as a reference for the printable area changes depending on the setting in **General Settings** - **Printer Settings** - **Media Detection** - **Width Detection** and whether the media edge plates are being used. There, the printable area described below will vary.

Media Edge That Is the Reference for the Printable Area

When Width Detection is On	When Width Detection is Off
The printer automatically detects the left and right edges of the loaded media. When the media edge plates are installed, the dashed line in the figure below is detected by the printer as the edge of the media.  When the media edge plates are installed correctly, the position of the dashed line is 5 mm (0.2 in.) inside of the actual edge of the media. Install the media edge plates correctly so that the margins and print start position are as intended. "Loading Media" on page 38	The center of the black rectangle on the label below is recognized by the printer as the standard position for the right edge of the media. The left edge of the media is the value (300 to 1625.6 mm [11.81 to 64.00 in]) set from the Settings menu in **General Settings** - **Printer Settings** - **Media Detection** - **Media Width**, regardless of the width of the media that is loaded. 

Printable Area

The gray area in the illustration below shows the printable area. The arrow indicates the feed direction.



* When the Width Detection setting is set to **Off**, the value set at that time (300 to 1625.6 mm [11.81 to 64.00 in.]) is used.

❶ to ❹ indicates the margins on all four sides. On the printer, set the margins for each item in **General Settings** - **Printer Settings** - **Margins**. See the following for more details.

Margin Position	Explanation	Available Setting Range
❶Rear*1	Half of the value set in **Margin Between Pages** is added as a margin. This can also be set in the RIP. The leading edge margin is equal to the **Skip Wrinkled Media** setting if both of the following conditions are met: ❑ **Skip Wrinkled Media** setting is **On** in the settings for the selected media ❑ **Skip Wrinkled Media** setting is greater than 1/2 of the **Margin Between Pages** setting (Except during continuous printing)	0 to 499.5 mm (0 to 19.67 in.)
❷Leading edge*1		
❸Right edge *2, *3	The total of the values selected for Print Start Position and Side(Right). The default setting for Print Start Position is 0 mm and Side(Right) is 5 mm (0.2 in.). When media edge plates are used, add 5 mm (0.2 in.) to this value to get the actual margin.	3 to 1000 mm (0.12 to 39.37 in.)
❹Left edge *2, *3	The value selected for Side(Left). The default setting is 5 mm (0.2 in.). When media edge plates are used, add 5 mm (0.2 in.) to this value to get the actual margin.	3 to 25 mm (0.12 to 0.98 in.)

*1 The set margin and the actual print results may differ depending on the RIP being used. Contact the RIP manufacturer for more information.

*2 This may be available in the RIP depending on the RIP software being used. Contact the RIP manufacturer for more information.

*3 Note the following points when setting margins.

- ❏ Leave margins of 5 mm (0.2 in.) or more when using media edge plates. Narrower margins could result in the printer printing on the media edge plates.
- ❏ If the total of the print data width and the left and right margins exceeds the printable area, a portion of the data will not be printed.

Note:
If the following points are not observed when Width Detection is set to ***Off****, printing may occur outside the left and right edges of the media. Ink used outside the edges of the media will stain the inside of the printer.*

- ❏ *Ensure that the print data width does not exceed the loaded media width.*
- ❏ *When media is loaded to the left of the right side reference position, align the* ***Print Start Position*** *setting with the position where the media is set.*
  ☞ *"General Settings Menu" on page 84*

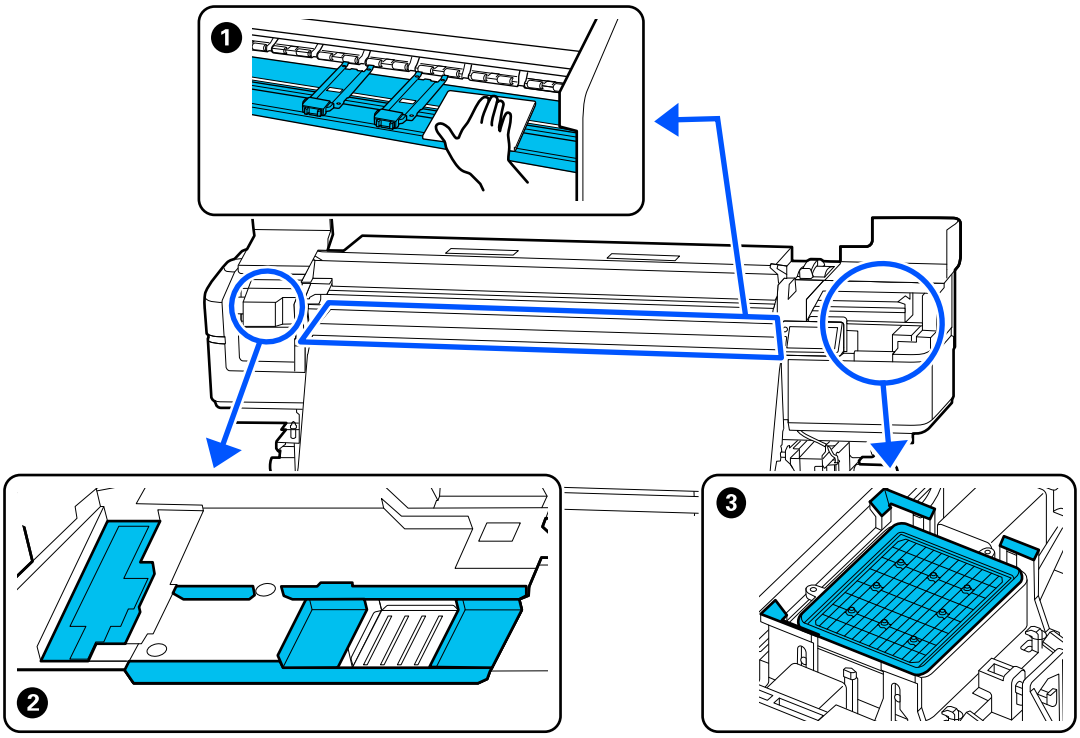
Maintenance

When to Perform Various Maintenance Operations

Components Requiring Regular Cleaning and Cleaning Timing

If you continue to use the printer without cleaning, it could cause clogged nozzles or ink drops to occur.

> **Important:**
> *Do not touch any components inside the printer cover or maintenance cover except in the locations specified. This can damage the printer so it cannot print properly.*



When to perform	Component to be cleaned
When starting work every day	❶ Platen heater and media edge plates "Daily Cleaning" on page 61
At least once a month	❷ Around the print head ❸ cap "Performing Regular Cleaning" on page 61 You can check the procedure in a video on YouTube. Epson Video Manuals

Important:

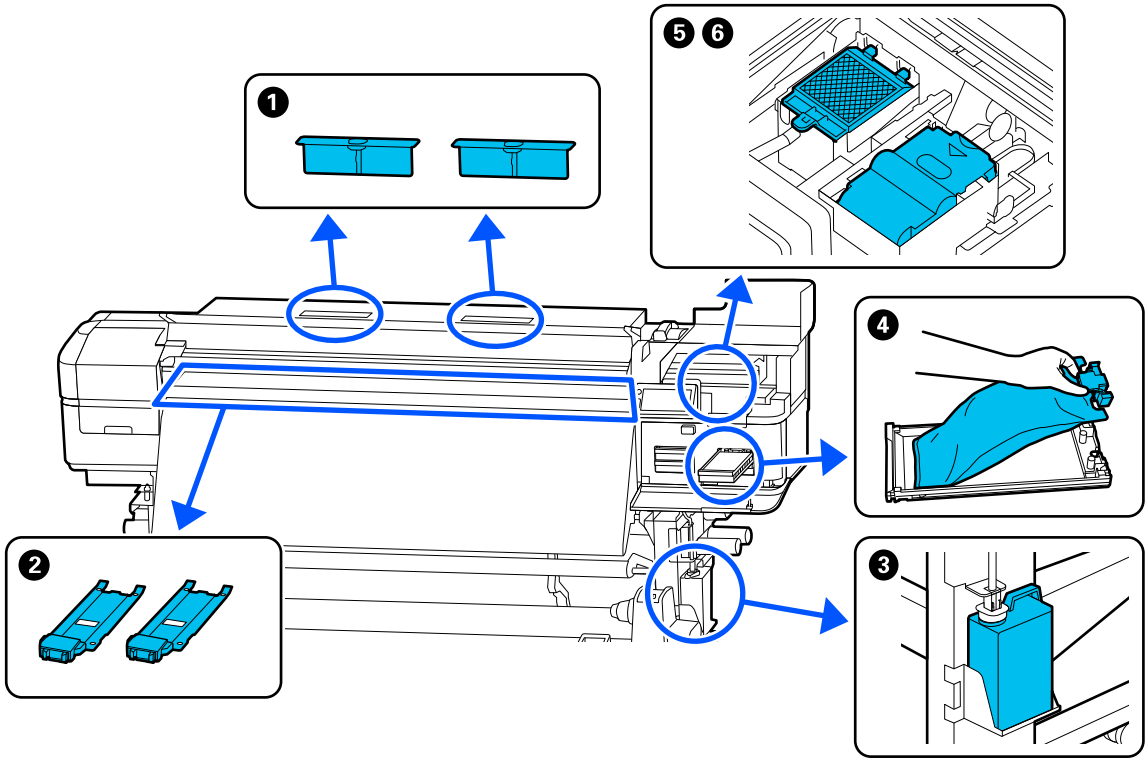
The printer contains precision instruments. If any lint or dust adheres to the nozzles on the print head, print quality will decline.

Perform regular cleaning more frequently depending on the environment and media being used.

Locations of Consumables and Replacement Timing

Important:

Do not touch any components inside the printer cover or maintenance cover except in the locations specified. This can damage the printer so it cannot print properly.



When to perform	Component to be replaced
When a replacement message is displayed on the control panel screen	❶ Air filter ❺ Flushing pad ❻ Wiper unit "Replacing Maintenance Parts Kit" on page 66 ❸ Waste ink bottle "Disposing of Waste Ink" on page 65
When the plates are deformed or damaged.	❷ Media edge plates "Replacing the Media Edge Plates" on page 67

When to perform	Component to be replaced
When an error appears on the control panel screen indicating ink is expended	❹ Ink supply units ☞ "Replacing Ink Supply Units" on page 64

Other Maintenance

When to perform	Operation
❑ Once every three weeks ❑ When the control panel screen shows **Ink shaking is needed. Shake the ink supply unit which ⚠ is displayed.**	Shaking the Ink Supply Unit ☞ "Shaking the Ink Supply Units Periodically" on page 63
❑ When checking if nozzles are clogged ❑ When checking which colors are clogged ❑ When you notice horizontal stripes or tint unevenness (banding)	Print Head Nozzle Check ☞ "Nozzle Check and Head Cleaning" on page 70
When roller marks appear in print results	Cleaning pressure rollers ☞ "Cleaning the Pressure Rollers" on page 73
When not using the printer for an extended period (the power is off)	Perform **Pre-Storage Maint.** ☞ "Pre-maintenance When Not Using the Printer for an Extended Period" on page 72
When it becomes hard to see inside the printer	Cleaning inside the printer cover ☞ "Cleaning Inside the Printer Cover" on page 73
When the control panel screen shows **It is time to apply grease to the carriage rod.**	Applying the supplied grease to the carriage rod ☞ "Applying Grease to the Carriage Rod" on page 74

What You Will Need

Ready the following items before beginning cleaning and replacement.

Supplied with the Printer

When the supplied parts have been completely used, purchase new consumables.

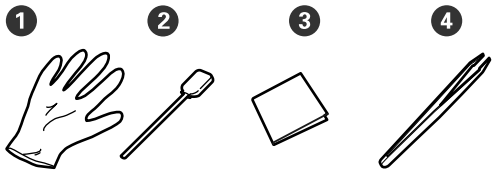
Use genuine parts when replacing ink supply units or performing maintenance.

“Options and Consumable Products” on page 111

If the supplied gloves have worn out, use commercially available nitrile gloves.

Set of maintenance tools

These cleaning tools are supplied with the printer and are mainly used for periodic cleaning.



1 Gloves (x12)

2 Cleaning sticks (x20)

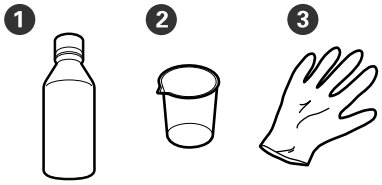
3 Clean-room wipers (x100)

4 Tweezers (x1)

Ink cleaner

Use when wiping ink stains.

The following things are in the kit.



1 Ink cleaner (x1)

2 Cup (x1)

3 Gloves (x12)

How to use “Using Ink Cleaner” on page 62

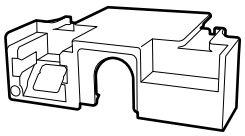
A metal tray



Use when placing cleaning utensils, removed consumables, or ink cleaner poured into the container supplied with the printer.

> ***Important:***
> *Placing used cleaning sticks and so on directly on top of the printer may cause deformation due to the properties of the ink cleaner.*

Tray attachment



This is used to prepare for **Pre-Storage Maint.** when the printer will not be used for more than a month, and when resuming use, and when executing **Head Washing**.

Sold Separately

Protective eyeglasses

Protects your eyes against ink and cleaning liquid.

Mask

Protects your nose and mouth from ink and cleaning liquid.

Soft cloth

Use when cleaning inside the printer. Use material that is not likely to generate lint or static electricity.

Precautions Regarding Maintenance

Note the following points when cleaning and replacing parts.

> ***Caution:***
>
> ❏ *During maintenance, wear protective clothing, including protective eyewear, gloves, and a mask.*
> *If ink, waste ink, or cleaning liquid come into contact with your skin or enter your eyes or mouth, take the following actions.*
>
> - ❏ *If fluid adheres to your skin, wash it off using large volumes of soapy water. If you notice any reaction developing in the affected area, consult with a qualified physician immediately.*
> - ❏ *If ink gets into your eyes, wash them out immediately with water. Failure to observe this precaution could result in bloodshot eyes or mild inflammation. Consult with a qualified physician if any other problems should develop.*
> - ❏ *If fluid enters your mouth, consult with a physician as soon as possible.*
> - ❏ *If swallowed, do not induce vomiting. Consult with a physician as soon as possible. If vomiting is induced, vomited material may enter the windpipe, which is dangerous.*
>
> ❏ *Store ink supply units, cleaning ink supply units, waste ink, and cleaning liquid out of the reach of children. Do not drink the ink.*
>
> ❏ *After replacing the waste ink bottle or using the ink cleaner, wash your hands and rinse your mouth thoroughly.*

❏ Remove the media from the printer before proceeding.
☞ "Replacing the Media" on page 50

❏ Never touch the belts, circuit boards, or any parts that do not require cleaning. Failure to observe this precaution could result in malfunction or reduced print quality.

❏ Do not use anything other than the supplied or consumable cleaning stick. Other types of sticks that produce lint will damage the print head.

❏ Always use fresh cleaning sticks. Reusing sticks can make stains even harder to remove.

❏ Do not touch the tips of the cleaning sticks. Oil from your hands could damage the print head.

❏ When cleaning using cleaning liquid, do not use anything other than the specified cleaning liquid. Using anything else could result in malfunction or reduced print quality.

❏ Do not use water or alcohol to clean around the print head or cap. When ink mixes with water or alcohol, it will harden.

❏ Touch a metallic object before starting work to discharge any static electricity.

Performing Regular Cleaning

Daily Cleaning

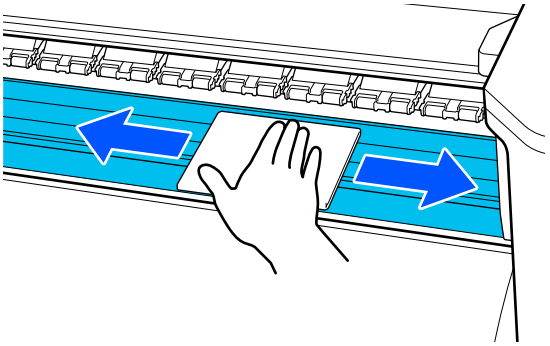
When lint, dust, or ink adheres to the platen heater or the media edge plates, it could cause clogged nozzles or ink drops to occur.

> ***Caution:***
>
> ❏ *The heaters and media edge plate may be hot; observe all necessary precautions. Failure to observe the necessary precautions could result in burns.*
>
> ❏ *Be careful not to trap your hands or fingers when opening or closing the printer cover. Failure to observe this precaution could result in injury.*

> ***Important:***
>
> *When cleaning the platen heater or the media edge plates, do not use ink cleaner. Doing so could damage the parts.*

1. Make sure the printer is turned off and the screen has turned off, and then unplug the power plugs for both the printer and the Additional Print Drying System from the outlets.
2. Wait for one minute after unplugging the power plugs.
3. Open the printer cover.
4. Soak a soft cloth in water, wring it out thoroughly, and then wipe off any ink, lint, or dust that has adhered to the platen heater.

   Carefully remove lint and dust stuck in the groove of the platen heater.



5. Soak a soft cloth in water, wring it out thoroughly, and then wipe off any lint, or dust that has adhered to the media edge plates.

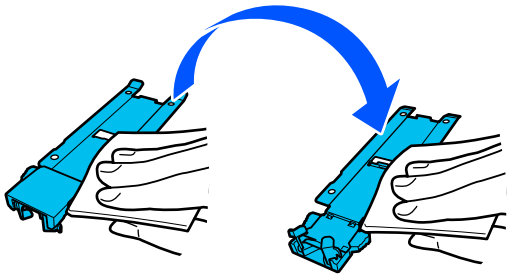
> ***Important:***
>
> *When media with glue has been used, wipe away glue using a diluted neutral detergent. If you continue printing while glue is stuck to the rear, it may rub against the print head.*

When using media with glue and when ink adheres

Remove the media edge plates from the printer, and clean the front and back of the plates.

When stains are removed, be sure to attach the plates to their original positions.

Removing and attaching the media edge plates
☞ "Replacing the Media Edge Plates" on page 67



Monthly Cleaning

Clean any lint or waste ink that has accumulated around the print head/area around the cap using the following procedure.

Important:

The following message is displayed on the control panel display if cleaning has not been performed for one month. If the message is displayed, clean the area immediately.

It is time to clean the Print Head/Area around the Cap.

Cleaning procedure

Before starting this procedure, be sure to read the following:

"Precautions Regarding Maintenance" on page 60

"Using Ink Cleaner" on page 62

You can check the procedure in a video on YouTube.

Epson Video Manuals

1 Press (Maintenance), and then press **Cleaning the Maintenance Parts** - **Print Head/ Area around the Cap**.

2 Press **Start**, and then press **How To...** to view the procedure.

The print head moves to the maintenance position on the left.

Note:
The buzzer sounds 7 minutes after the print head is moved (default setting).

*Check the message on the screen, and press **OK** to continue. After 7 more minutes have passed, the buzzer sounds again.*

Follow the on-screen instructions to perform the procedure.

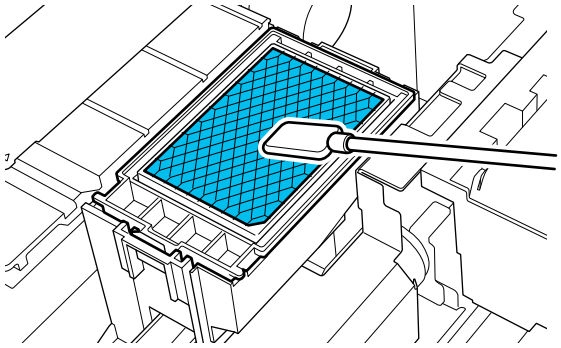
When the printed result shows problems such as clogged nozzles, ink drops, or streaks

Check the surface of the flushing pad for lint when cleaning the cap.

If lint or dust adheres to the surface of the flushing pad, use the tip of a cleaning stick to remove it.

Important:

Do not deform the metal section of the top surface. If it is deformed, it may damage the print head.

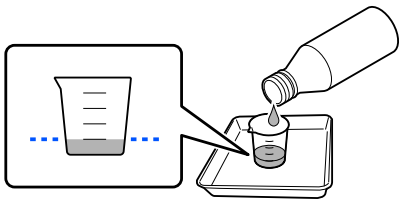


Using Ink Cleaner

Important:

Use the specified ink cleaner only to clean around the print head and cap. Do not use ink cleaner in areas not specified in the manual, as it may damage the parts.

1 Place the container supplied with the ink cleaner on the metal tray and pour in approximately 10 ml (up to the lowest mark) of ink cleaner.



2 Dampen the cleaning stick with ink cleaner.

When doing this, do not allow ink cleaner to drip from the cleaning stick.



When soaking a clean-room wiper with ink cleaner, use the ink cleaner poured into the container.

Important:

- *Do not use ink cleaner that has already been used for cleaning. Using dirty ink cleaner will make staining worse.*
- *Used ink cleaner, cleaning sticks, and clean-room wipers are classified as industrial waste.*
  "Handling Used Consumables" on page 75
- *Store ink cleaner at room temperature out of direct sunlight.*
- *After using the ink cleaner, be sure to close the lid securely. The ink cleaner may leak or evaporate if the lid is not closed securely.*

Shaking the Ink Supply Units Periodically

If a message is displayed informing you that it is time to shake the ink, remove the ink supply unit immediately and shake it.

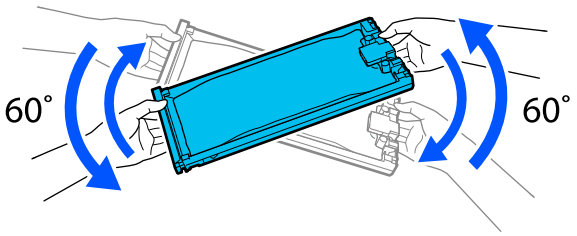
Important:

The ink supply units used in this printer are, due to characteristics of their ink, prone to gradual sedimentation (components settling to the bottom of the liquid). If ink settles, tint unevenness and nozzle clogs occur. Shake ink supply units periodically after installing them.

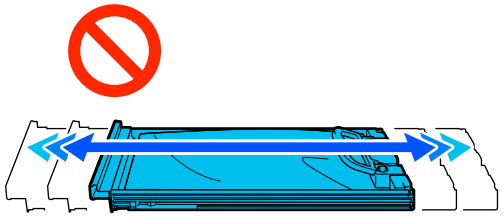
After installing an ink supply unit in the printer, a message prompting you to shake the unit is displayed at 3-week intervals.

Precautions When Shaking

- When removing the ink tray, support the bottom of the tray with your hand. If you remove the tray using one hand, it may fall and be damaged due to the weight.
- When shaking the ink supply unit, set it in the ink tray and shake it up and down at an angle of about 60 degrees 5 times in 5 seconds as shown in the following illustration.



- Do not forcefully shake or swing ink supply units or ink trays containing ink supply units. Ink could leak.

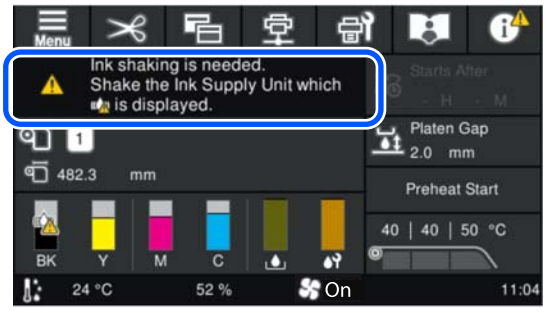


- Removed ink supply units may have ink around the ink supply port, so be careful not to get any ink on the surrounding area when removing the ink supply units.

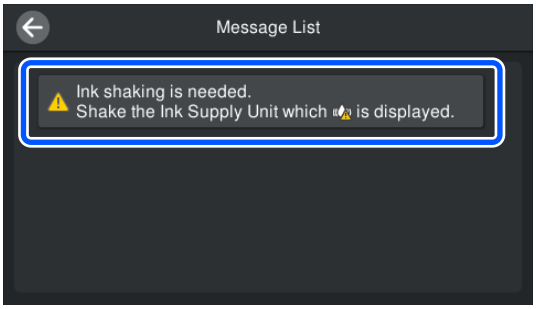
Shaking

If a message is displayed informing you that it is time to shake the ink, you can check the procedure on the control panel while shaking the ink supply unit.

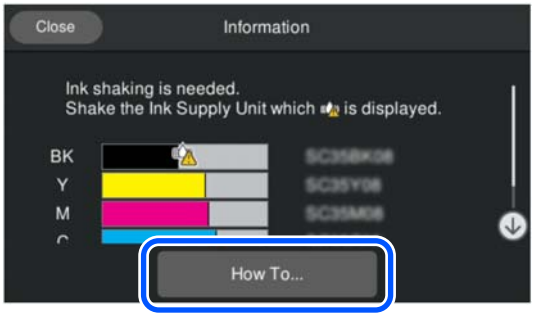
1 On the screen, press the status of consumables area.



2 In the **Message List**, press the message informing you that it is time to shake the ink.



3 Press **How To...** to view the procedure. Follow the on-screen instructions to perform the procedure.



Replacing Ink Supply Units

Precautions When Replacing

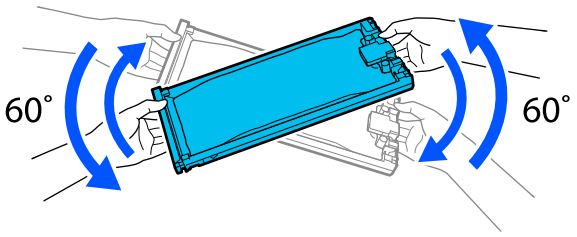
Important:

Epson recommends the use of genuine Epson ink supply units. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

❏ You cannot print if the amount of ink remaining in even one color falls below the minimum threshold.
If the amount of ink remaining falls below the minimum threshold during printing, you can continue printing by replacing the relevant ink supply units. If you continue to use ink supply units when they are running low on ink, you may need to replace the ink supply units during printing. Replacing the ink during printing may result in color variation depending on how the ink dries. If you are concerned about color variation, we recommend replacing them with new ink supply units before printing. You can reinstall and use the removed ink supply units until the amount of ink remaining falls below the minimum threshold.
Follow the steps below to replace the ink supply units and cleaning ink supply units.

❏ Place all of the ink trays in the printer.

❏ Before you replace the ink supply unit, you must shake it. When shaking the ink supply unit, set it in the ink tray and carefully shake it up and down at an angle of about 60 degrees 5 times in 5 seconds as shown in the following illustration.



Note:
Ink supply units contain components to help maintain print quality. These components are not foreign bodies.

Replacement Procedure

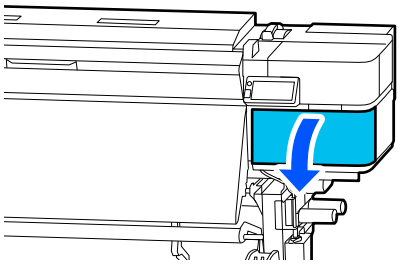
When a Replacement Prompt Message is Displayed

Press **How To...**. You can check the procedure on the control panel while replacing the ink supply unit.



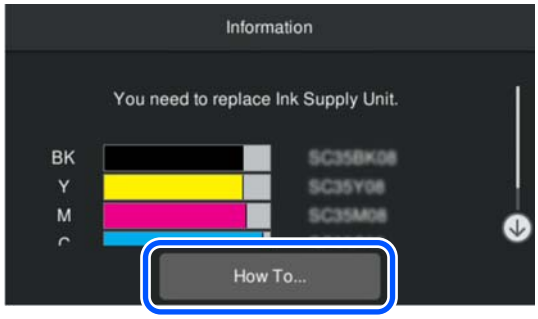
When you want to replace the ink because there is not much left for the amount of printing

1 Open the ink cover.



2 Press **How To...** on the control panel screen to view the procedure.

Follow the on-screen instructions to perform the procedure.



Disposing of Waste Ink

Important:

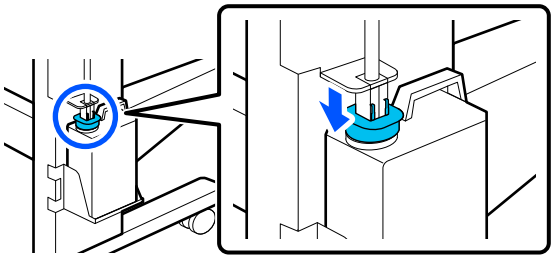
Waste Ink Counter

The printer uses the waste ink counter to track waste ink and displays the following message when the counter reaches the warning level. If you replace the waste ink bottle when this replacement prompt message is displayed, the counter is cleared automatically.

If you replace the waste ink bottle before being prompted by a message, such as when operating the printer at night, always clear the waste ink counter by doing the replacement operation from the settings menu.

Precautions When Replacing the Waste Ink Bottle

❏ Be sure to confirm that the waste ink tube is inserted in the mouth of the waste ink bottle. Check that the stopper is stuck close to the mouth of the bottle. If there is a gap, waste ink may splatter and stain the surrounding area.



❏ You will need the lid for the waste ink bottle when disposing of waste ink. Keep the lid in a safe place; do not throw it out.

Important:

Never remove the waste ink bottle during printing or while the printer is performing the following operations unless instructed to do so on-screen. Waste ink may leak.

❏ *Head Cleaning*

❏ *Head Washing*

❏ *Pre-Storage Maint.*

Replacing the Waste Ink Bottle

There are two methods for replacing the waste ink bottle as described below. Use the appropriate replacement method to suit your situation.

Important:

*When the message **The waste ink bottle is nearing the end of its service life.** is displayed, prepare a new waste ink bottle as soon as possible.*

See the following when replacing the waste ink bottle at this stage in the procedure.

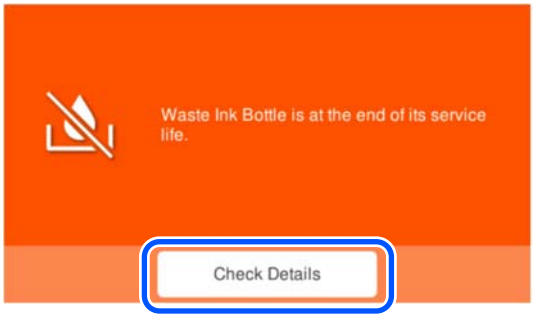
☞ *"When you want to replace it at any time" on page 66*

Read the following before starting this procedure.

"Precautions Regarding Maintenance" on page 60

When a message is displayed indicating it is time to replace the waste ink bottle

1 When the following error screen appears, press **Check Details**, then press **Waste Ink Bottle** on the next screen.



2 Press **How To...** on the following screen, to check the procedure on the control panel while replacing the waste ink bottle.



When you want to replace it at any time

When you want to replace the waste ink bottle as part of night operations or after a large quantity of printing, but before the printer displays a message indicating that it is time to replace the bottle, follow the steps below. If you do not follow the steps below, you will not receive a message at the correct replacement interval next time.

1 Press (Maintenance), and then press **Replace Waste Ink Bottle**.

2 Press **How To...** to view the procedure.

Follow the on-screen instructions to perform the procedure.

We recommend that you leave the waste ink in the Waste Ink Bottle for disposal and do not transfer it to another container.

> ***Note:***
> *Note the following points when transferring waste ink from the Waste Ink Bottle to another container.*
>
> - ❏ *Use a container made of PE (polyethylene) when transferring the waste ink.*
> - ❏ *Attach the spout included with the printer to the rim of the Waste Ink Bottle and transfer the waste ink.*
> - ❏ *Pour the waste ink carefully. Pouring the waste ink quickly may cause it to spill and splatter.*
> - ❏ *Securely close the lid of the container to which you transferred the waste ink and store it in a location that is not exposed to open flames.*

Disposing of used waste ink and waste ink bottles
"Disposal" on page 75

Replacing Maintenance Parts Kit

The Maintenance Parts Kit contains the following parts.

- ❏ Wiper unit (x1)
- ❏ Flushing pad (x1)
- ❏ Air filter (x2)

Always choose replacement maintenance parts that are specified for this printer.

"Options and Consumable Products" on page 111

Preparing and Replacement Timing

When The Maintenance Parts is nearing the end of its service life. is displayed, or when ⚠ is displayed for the remaining amount of the Maintenance Parts Kit

Obtain a new Maintenance Parts Kit as soon as possible.

When you want to replace the parts at this stage, perform **Replace Maintenance Parts** from the settings menu, and then replace the parts. If you do not replace them from the settings menu, the maintenance parts counter will not operate correctly.

"Maintenance Menu" on page 100

Important:

About the maintenance parts counter

The printer tracks amounts consumed using the maintenance parts counter and displays a message when the counter reaches the warning level.

*If you replace the Maintenance Parts Kit according to the message **Maintenance Parts is at the end of its service life.**, the counter is cleared automatically.*

If you replace it before this message is displayed, be sure to do the replacement work from the settings menu.

When Maintenance Parts is at the end of its service life. is displayed

See the following section, and replace all the parts included in the Maintenance Parts Kit. Printing cannot be performed if the parts are not replaced.

Replacement Procedure

Precautions When Replacing Parts

Important:

- ❏ *If the flushing pad is lifted too vigorously when removing it, waste ink may be splashed around. Be careful when working.*
- ❏ *After replacing the flushing pad, be sure it is installed correctly.*
  If the hooks are lifted up when the printer is used, the print head may be damaged.

Before starting this procedure, be sure to read the following:

"Precautions Regarding Maintenance" on page 60

1. On the **Maintenance Parts is at the end of its service life.** screen, press **OK**.

   If the message is not displayed, press (Maintenance), and then press **Replace Maintenance Parts**.

2. Check the message, and then press **Start**.

   The print head moves to the maintenance position.

   Note:
   The buzzer sounds 7 minutes after the print head is moved (default setting).

   *Check the message on the screen, and press **OK** to continue. After 7 more minutes have passed, the buzzer sounds again.*

3. Press **How To...** on the control panel screen to view the procedure and replace the part.

Replacing the Media Edge Plates

If the media edge plates supplied with the printer become deformed or damaged, be sure to replace them with new ones.

Make sure you use the Media edge plates for this printer.

"Options and Consumable Products" on page 111

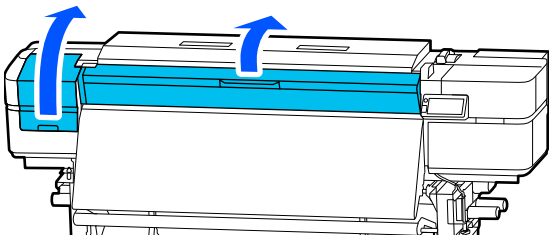
Important:

If you continue to use the printer with a deformed or damaged media edge plate, the print head could be damaged.

1. Remove media, and turn off the printer. Check that the screen display has turned off, and then unplug the power plugs for both the printer and Additional Print Drying System from the outlets.

   "How to cut and remove the taken-up media" on page 51

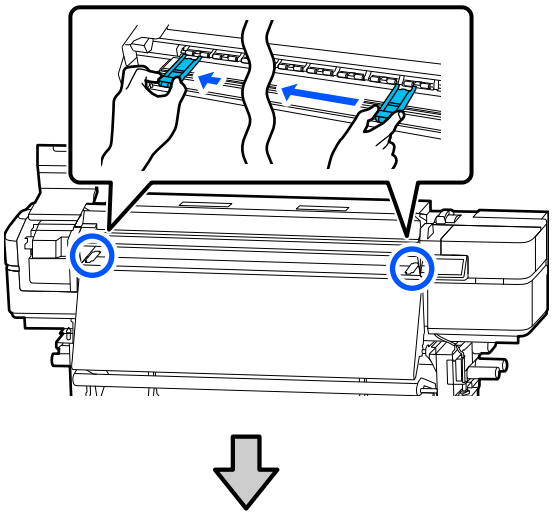
2 Unplug the printer and wait for a minute before opening the left maintenance cover and the printer cover.

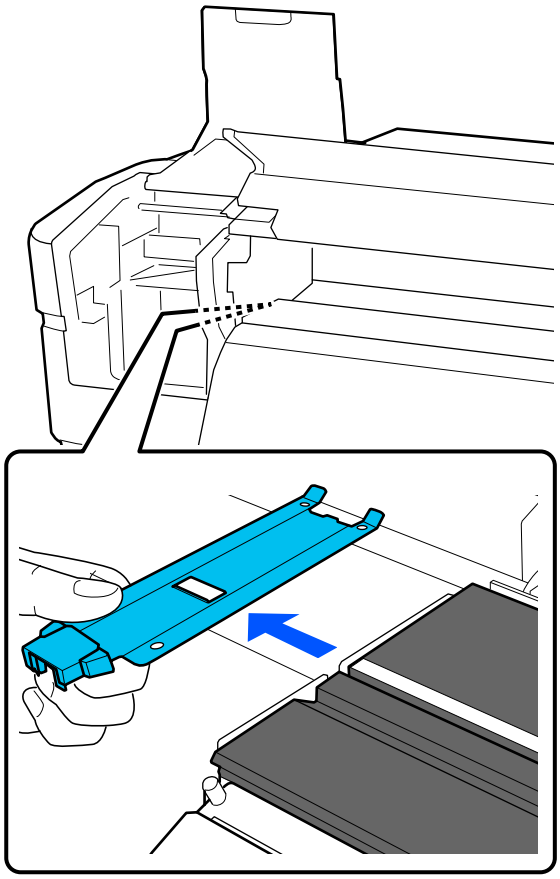


3 While pressing on the tabs on both sides of the media edge plate, move it to the left edge of the platen heater to remove it.

When replacing just the right media edge plate, remove the left side first, and then remove the right.

> **Important:**
> *Be sure to remove the media edge plate from the left edge of the platen heater. Removing the plate from the right may cause a malfunction.*



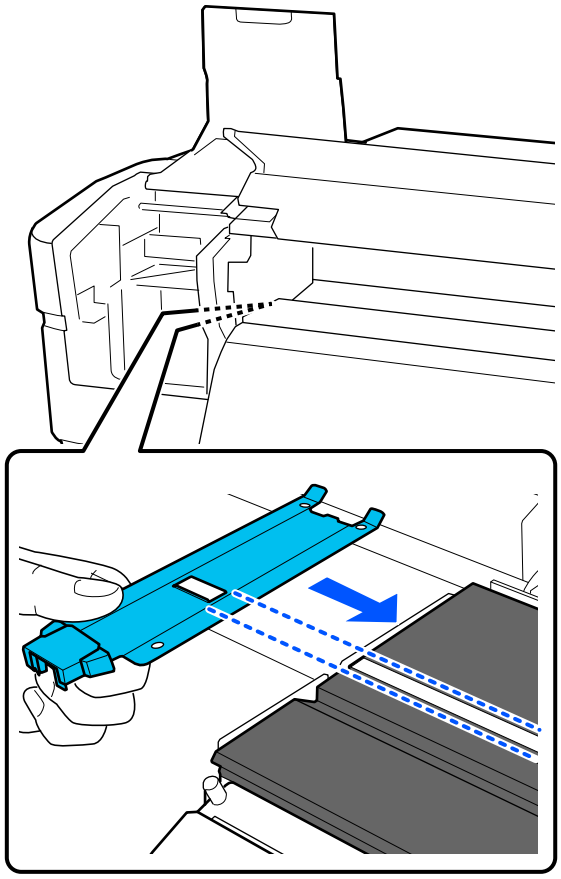


4 Insert a new media edge plate into the left edge of the platen heater.

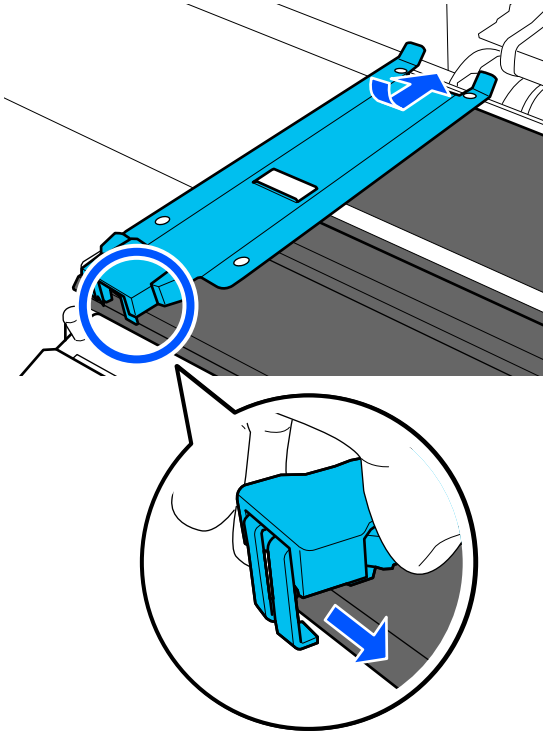
> **Important:**
> *You cannot insert the media edge plates from the right.*

When inserting the plate, check the following two points.

(1) Align the white line on the platen heater with the white line on the media edge plate.



(2) While pressing the tip of the metallic plate against the platen heater, attach the hooks to the front corner of the platen heater.

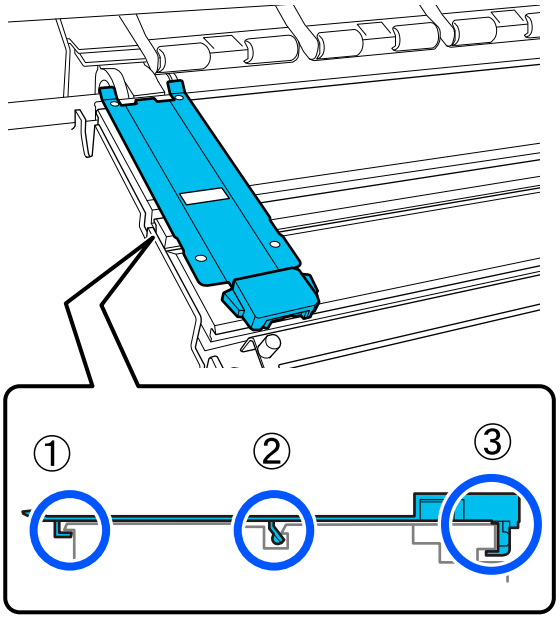


5 Check that three hooks on the underside of the media edge plate are securely hooked as shown below and that there is no gap between the platen heater and media edge plate.

(1) Hook on tip clamps onto inner edge of the platen heater

(2) Hook on the back side of white line on the media edge plate clamps into groove in front of white line

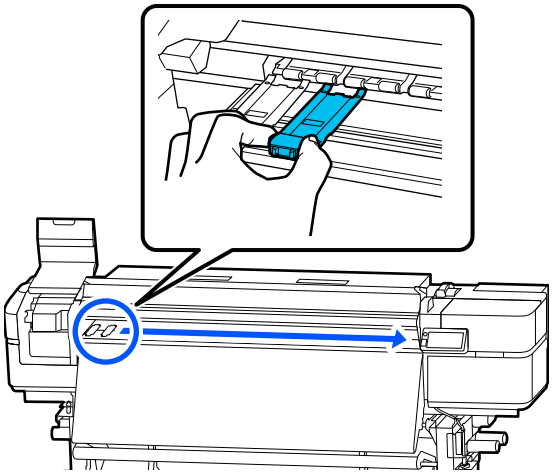
(3) Hooks on underside of tabs clamp onto front edge of the platen heater



> ***Important:***
> *If hooked sections are not positioned correctly, return to Step 3 to attach them again. Otherwise, the head may be damaged.*

6 While pressing on the tabs on both sides of each of the media edge plates, move one to the left side and the other to the right side of the platen heater.

Releasing the tab fixes the media edge plate.



7 Close the left maintenance cover and printer cover.

Nozzle Check and Head Cleaning

We recommend that you check the print head nozzles for clogs each time before you print to ensure quality results.

Types of Nozzle Checks

There are the following two ways to check the print head for clogged nozzles.

On-Demand Nozzle Pattern

If you want to check the condition of the nozzles before printing, or if you see stripes or unevenness in the print results, you can print out a check pattern and visually check it to see the condition of the nozzles.

See the following for details.

"How to Print a Nozzle Check Pattern" on page 70

Depending on the width of the loaded media, you can save media by printing additional test patterns in the space beside an existing pattern: To print them in line, press the [ ] button (rewind button) to rewind the media to the position where you want to print the pattern.

- If the width is 51 to 64 inches, you can print up to three patterns (one on the left, one in the center, and one on the right).
- If the width is equal to or greater than 34 inches but less than 51 inches, you can print up to two patterns (one on the left and one on the right).
- If the width of the media is less than 34 inches, you cannot print side by side.

Nozzle Check between Pages

When printing for the set number of pages* is complete, the next page is printed across the printed check pattern. When all printing is complete, you can visually inspect the pattern to determine whether there may be faint or missing colors in the preceding or following printout.

"General Settings Menu" on page 84

* Print jobs that do not include multiple pages are counted as one page.

How to Print a Nozzle Check Pattern

1 Check that the printer is ready to print, press (Maintenance), and then press **Print Head Nozzle Check**.

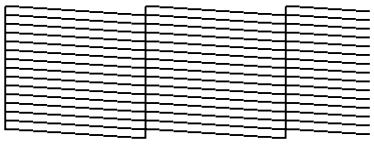
2 Select the desired print position, and then press **Start**.

> ***Note:***
> *The available print positions differ depending on the width of the media loaded in the printer and the **Width Detection** setting.*

The check pattern is printed.

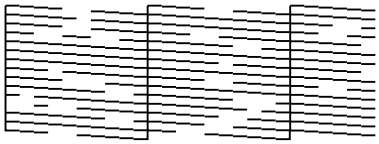
3 Check the check pattern. Cut the media as necessary.

Example of clean nozzles



If there are no gaps in the check pattern, press [O].

Example of clogged nozzles



If there are gaps in the nozzle check pattern, press [✕], and then perform Head Cleaning.

“Performing Head Cleaning” on page 71

Types of Cleaning

The following three types of Head Cleaning are available.

Perform Head Cleaning as necessary

If there are gaps in the nozzle check pattern, or if there are streaks in the print results, the colors are wrong, or there are ink drops, perform Head Cleaning.

You can also specify the cleaning intensity you want, but if you select **Auto Cleaning**, the printer will check how clogged the nozzles are and automatically clean them at the optimal intensity.

See the following for details on how to perform Head Cleaning.

“Performing Head Cleaning” on page 71

Perform Head Cleaning periodically

This printer comes with a built-in automatic maintenance function that automatically performs Head Cleaning at a set time or when it is determined to be necessary based on the results of automatically monitoring the nozzles. Set Print Duration, Print Counter, or Print Length as the interval.

“General Settings Menu” on page 84

Set Maintenance Cleaning

In **Maintenance Setting**, set **Maintenance Cleaning** to **On** to perform Head Cleaning automatically after a set period of time has passed, to keep the print head in good condition.

“General Settings Menu” on page 84

Performing Head Cleaning

Cleaning levels and order of execution

Perform Auto Cleaning first. If this does not clear the clogs, perform **Cleaning (Light)**, then **Cleaning (Medium)**, and then **Cleaning (Heavy)** until the clogs are cleared.

Procedure

1 Check that the printer is ready to print, press (Maintenance), and then press **Head Cleaning**.

2 Select a cleaning method.

Select **Auto Cleaning** first.

After the second time, execute **Cleaning (Light)**, **Cleaning (Medium)**, and then **Cleaning (Heavy)** in this order to increase the intensity.

3 Press **Start**.

A confirmation message is displayed when cleaning is complete.

If clogging is cleared

Continue with normal operations.

If nozzles are still clogged

Return to step 1, execute **Cleaning (Light)**, **Cleaning (Medium)**, and then **Cleaning (Heavy)** in this order to increase the intensity until the clogs are cleared.

If nozzles are still clogged even after performing Cleaning (Heavy)

The areas around the print head may be dirty.

Perform the following steps.

(1) Cleaning around the Print Head and area around the Cap.

"Monthly Cleaning" on page 61

If clogging is not cleared after performing (1), perform (2).

(2) Perform **Head Washing** from the settings menu.

"Maintenance Menu" on page 100

Pre-maintenance When Not Using the Printer for an Extended Period

Always perform pre-storage maintenance if the printer will not be used (and will be turned off) for more than one month.

The following items are used for the pre-maintenance procedure.

- ❏ Cleaning ink supply unit (sold separately) (x4)
- ❏ Tray attachment (supplied with the printer) (x4)

Important:

If you do not perform Pre-Storage Maintenance, a print head nozzle could become permanently clogged.

If you are not going to use the printer for an extended period and do not perform pre-maintenance, turn on the power at least once every seven days.

Performing Pre-maintenance

Important:

If insufficient ink or cleaning liquid remains, the functions may not be performed. If the remaining levels are low, make sure you have new ink supply units or cleaning ink supply units on hand, just in case.

1. Make sure the printer is on, and then press (Maintenance) - **Pre-Storage Maint.**.
2. Check the message displayed on the screen, and then press **Start**.

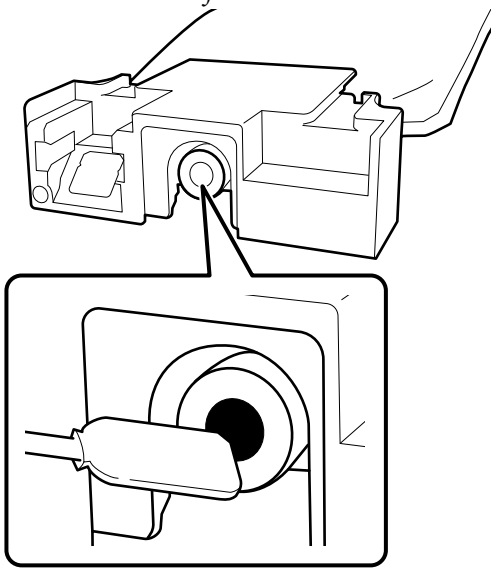
   Follow the on-screen instructions to perform the procedure.

   Press **How To...** on the screen to view the procedure.

Important:

Before storing the removed ink supply unit, clean any ink that may have adhered to the ink supply port. Use a cleaning stick that is provided for cleaning.

- ❏ *To prevent color mixing, use a new cleaning stick for each color.*
- ❏ *Gently touch the corner of a cleaning stick to the ink supply port to absorb any ink. There is no need to wipe off the ink. Do not press or move the cleaning stick with too much force.*



3 When a message indicating switching is complete is displayed, turn off the printer.

Note the following points when storing the printer and any removed, partially used ink supply units.

"Notes When Not Using the Printer" on page 24

"Notes on Handling Ink Supply Units" on page 25

When Resuming Use

What you will need

- ❏ 4 colors of ink supply units (Cyan, Magenta, Yellow, Black)
- ❏ Tray attachment (supplied with the printer) (x4)

> ***Important:***
> *When resuming use, charge the printer with ink. When refilling using a removed ink supply unit, have a new ink supply unit on hand, just in case.*

How to resume use

Turn on the printer and follow the on-screen instructions on the control panel screen to install the ink supply unit.

Press **How To...** on the screen to view the procedure.

Cleaning Inside the Printer Cover

The inside of the printer cover may become dirty due to ink mist. Continuing to use the printer while it is dirty may make it difficult to see inside.

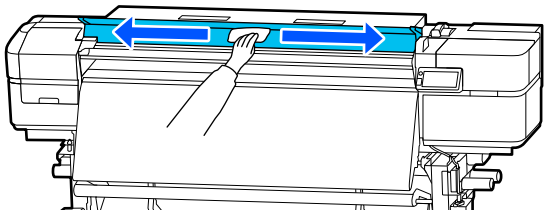
If it gets dirty, follow the steps below to clean it.

1 Make sure the printer is turned off and the screen has turned off, and then unplug the power plugs for both the printer and Additional Print Drying System from the outlets.

2 Wait for one minute after unplugging the power plugs.

3 Open the printer cover.

4 Soak a soft cloth in water, wring it out thoroughly, and then wipe off any lint or dust from the transparent area inside the printer cover.



For dirt that cannot be removed with just water, wipe it with a cloth soaked in neutral detergent and thoroughly wrung out.

Cleaning the Pressure Rollers

If the pressure rollers are used while they are still dirty with ink mist, dirt from the rollers may transfer to the print results.

When the rollers are dirty, follow the steps below to clean them.

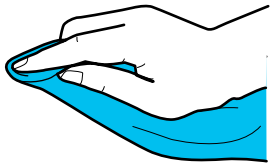
1 Make sure the printer is turned off and the screen has turned off, and then unplug the power plugs for both the printer and Additional Print Drying System from the outlets.

2 Wait for one minute after unplugging the power plugs.

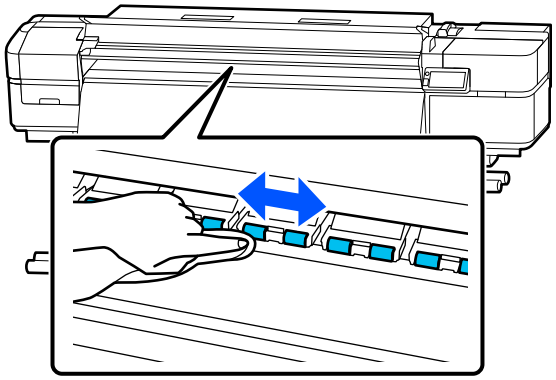
3 Open the printer cover.

4 Raise the media loading lever.

5 Wrap a soft cloth that has been soaked in water and thoroughly wrung out around your finger, ensuring it does not cover the top side of your finger, as shown in the illustration.



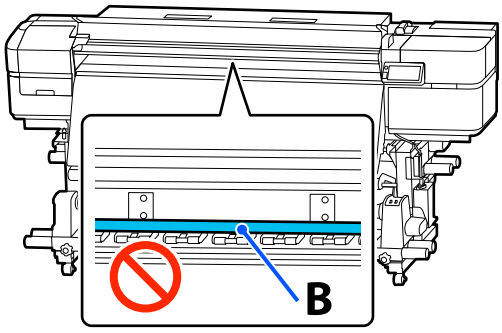
6 Use the cloth to wipe the sides of the pressure rollers where dirt may have accumulated during printing.



Important:

When wiping, make sure the cloth and your fingers do not touch carriage rod B.

If the cloth or your fingers touch the rod, an error could occur during printing.

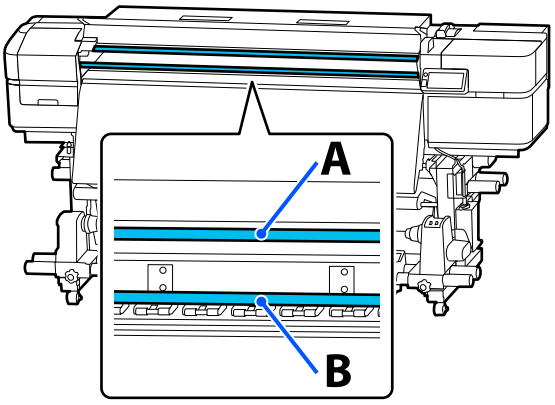


Applying Grease to the Carriage Rod

When the control panel screen shows **It is time to apply grease to the carriage rod.**, use the following procedure to apply grease to the carriage rod as soon as possible.



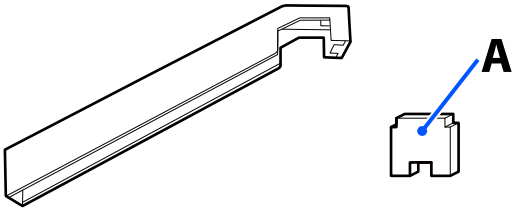
Location of Carriage Rod and Tools Used



There are two carriage rods, rod A and rod B. Apply grease to both rods using the grease kit supplied with the printer. The tools used to apply grease to each rod are different as shown in the figure below.

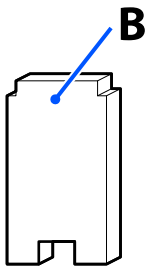
Carriage rod A

Grease tool (left) and pad A (right)



Carriage rod B

Pad B



Lubrication Procedure

Before starting this procedure, be sure to read the following:

"Precautions Regarding Maintenance" on page 60

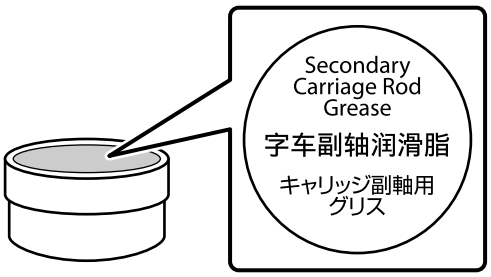
1. Check that the printer is ready to print, press (Maintenance), and then press **Adding Grease to the Carriage Rod**.
2. Check the message, and then press **Start**.
3. Press **How To...** on the control panel to follow the procedure for lubrication.
4. When the procedure is complete, press **Done** on the screen.
5. Remove the stained pad from the grease tool, and then store the grease tool with the grease.

   Disposing of used pad, cleaning sticks, and other items used to apply grease

   "Handling Used Consumables" on page 75

Storing Grease

- ❏ Replace the cap to prevent foreign objects falling into the grease.
- ❏ Store the container at room temperature with the cap uppermost in a location that is not exposed to direct sunlight.



Handling Used Consumables

Disposal

The following used parts with adhered ink are classified as industrial waste.

- ❏ Cleaning stick
- ❏ Clean-room wiper
- ❏ Ink cleaner
- ❏ Waste ink
- ❏ Waste ink bottle
- ❏ Wiper unit
- ❏ Flushing pad
- ❏ Air filter
- ❏ Media after printing
- ❏ Empty ink supply unit and cleaning ink supply unit

Dispose of items according to local laws and regulations. For example, contract an industrial waste disposal company for disposal. In such cases, submit the "Safety data sheets" to the industrial waste disposal company.

You can download them from your local Epson Web site.

Control Panel Menu

Menu List

The following items and parameters can be set and executed in the Menu. See the reference pages for more details on each item.

General Settings

For more information on these items, see "General Settings Menu" on page 84

Item	Parameter
Basic Settings	
LCD Brightness	1 to 9
Sounds	
Button Press	0, 1, 2, 3
Alert	0, 1, 2, 3
Optional Alert	
Volume	0, 1, 2, 3
Repeat	Off, Until Stopped
Completion Notice	0, 1, 2, 3
Warning Notice	
Volume	0, 1, 2, 3
Repeat	Off, Until Stopped
Error Tone	
Volume	0, 1, 2, 3
Repeat	Off, Until Stopped
Sound Type	Pattern1, Pattern2, Pattern3
Alert Lamp Notice	On, Off
Sleep Timer	1 to 240
Wake from Sleep	
Touch LCD Screen to Wake	On, Off, Scheduled
Date/Time Settings	
Date/Time	
Daylight Saving Time	Off, On (Winter, Summer)

Control Panel Menu

Item	Parameter
Time Difference	-12:45 to +13:45
Language	Japanese, English, French, Italian, German, Portuguese, Spanish, Dutch, Russian, Korean, Traditional Chinese, Simplified Chinese
Screen Customization	
Background Color	Gray, Black, White
Display Information While Printing	
Progress Section	Overall, Preparation and Action
Supplementary Information	Printed Length, Remaining Print Length, Time until media replacement, Pass Mode
Keyboard	QWERTY, AZERTY, QWERTZ
Unit Settings	
Length Unit	m, ft/in
Temperature	°C, °F
Printer Settings	
Margins	
Side(Right)	3 to 25 mm (0.12 to 0.98 inch)
Side(Left)	3 to 25 mm (0.12 to 0.98 inch)
Margin Between Pages	0 to 999 mm (0.00 to 39.33 inch)
Width Adjustment	-10.0 to 10.0 mm (-0.394 to 0.394 inch)
Print Start Position	0 to 1000 mm (0.00 to 39.37 inch)

Control Panel Menu

Item	Parameter
Media Detection	
Width Detection	On, Off
Media Width	300.0 to 1625.6 mm (11.81 to 64.00 inch)
End Detection	On, Off
Detect Paper Skew	On, Off
Nozzle Check between Pages	
On	
Execution Timing	
Print Length	1 to 9999 m (3.28 to 32805.12 ft)
Print Page	1 to 9999 pages
Print Duration	1 to 9999 minutes
Off	
Information Printing at Media Cut	
Media Remaining Information	On, Off
Print Information	On, Off
Print Position	Right, Center
Heater	
Power On Action	Start Heating on Power On, Start Heating Manually
Heater Control on Print Completion	100%, 50%, 0%
Media Feeding	Start Feeding on Power On, Start Feeding Manually
Inside Light	Auto, Manual
Optional Alert	
Print Length Alert	
On	0.01 to 999.99 m (0.03 to 3280.81 ft)
Off	
Restore Default Settings	Network Settings, Clear All Data and Settings
Maintenance Setting	

Control Panel Menu

Item	Parameter
Cleaning Setting	
Threshold of Clogged Nozzles	1 to 70
Max Retry Cleaning Count	0, 1, 2
Actions Beyond Threshold of Missing Nozzles	Stop Printing, Show Alert, Auto Cleaning
Maintenance Cleaning	
On	
Interval	
Scheduled	1 to 240 hours
Before Job Start	
Cleaning Level	Light, Medium, Heavy
Off	
Network Settings	
Network Status	Wired LAN Status, Print Status Sheet
Advanced	
Device Name	
TCP/IP	Auto, Manual
Proxy Server	Do Not Use, Use
IPv6 Address	Enable, Disable
Link Speed & Duplex	Auto, 100BASE-TX Auto, 10BASE-T Half Duplex, 10BASE-T Full Duplex, 100BASE-TX Half Duplex, 100BASE-TX Full Duplex
Redirect HTTP to HTTPS	Enable, Disable
Disable IPsec/IP Filtering	
Disable IEEE802.1X	

Media Settings

For more information on these items, see “Media Settings Menu” on page 93

Item	Parameter
Current Settings	

Control Panel Menu

Item		Parameter
Media		01 XXXXXXXXXX to 50 XXXXXXXXXX
Media Type		
Media Width		
	Width Detection	On, Off
	Media Width	300.0 to 1625.6 mm (11.81 to 64.00 inch)
	End Detection	On, Off
Advanced Settings		
Print Adjustments		
Automatic Adjustment		
Manual Adjustment		
	Media Feed Adjustment	Manual(Standard), Manual(Measurement)
	Print Head Alignment	
Media Management		

Control Panel Menu

Item	Parameter
01 XXXXXXXXXX to 50 XXXXXXXXXX	
Change Name	
Media Type	Adhesive Vinyl, Banner, Film, Textile, Paper/Other, Canvas
Advanced Settings	
Pre-Heater	
Pre-Heater	On, Off
Temperature	30 to 50 °C (86 to 122 °F)
Platen Heater	
Platen Heater	On, Off
Temperature	30 to 50 °C (86 to 122 °F)
After Heater	
After Heater	On, Off
Temperature	30 to 55 °C (86 to 131 °F)
Drying Time per Pass	0.0 to 10.0 Secs
Proceed to Drying after Print	No Rewind, Rewind, Off
Drying Fan	On, Off
Print Head Warm Up	Long, Short, Off
Platen Gap	1.6, 2.0, 2.5
Feeding Tension	Lv1 to Lv4
Paper Suction	Lv0 to Lv10
Head Movement Range	Data Width, Printer Width, Media Width
Multi-Strike Printing	On (2 to 8), Off
Media Feed Speed Limitation	On, Off
Pressure Roller Load	Light, Medium, Strong
Skew Reduction	On, Off

Control Panel Menu

Item	Parameter
Roll Winding Direction	Printable Side Out, Printable Side In
Take-Up	Standard, Strength Tension
Skip Wrinkled Media	Off, On (10 to 1000 mm)
Periodic Cleaning	
Auto	
Manual	
Execution Timing	
Print Duration	1 to 1440 minutes
Suspend until Next Page	On, Off
Print Page	1 to 100 pages
Print Length	1.0 to 100.0 m (3.3 to 328.1 ft)
Pre-execute on previous page	On, Off
Cleaning Level	Extra Light, Light, Medium, Heavy
Remaining Amount Management	
Remaining Amount Management	On, Off
Remaining Amount	1.0 to 999.9 m (3.3 to 3280.5 ft)
Remaining Alert	1.0 to 15.0 m (3.3 to 49.2 ft)
Print Length Management	
Auto Reset	Off, Before Job Start
Manual Reset	

Maintenance

For more information on these items, see “Maintenance Menu” on page 100

Item	Parameter
Print Head Nozzle Check	
Print Position	Right, Center, Left
Head Cleaning	Auto Cleaning, Cleaning (Light), Cleaning (Medium), Cleaning (Heavy)
Print Head Fluff & Ink Mist Removal	
Print Head Warm Up	
Cleaning the Maintenance Parts	Print Head/Area around the Cap
Adding Grease to the Carriage Rod	

Item	Parameter
Replace Maintenance Parts	
Replace Waste Ink Bottle	
Pre-Storage Maint.	
Head Washing	

Supply Status

Displays the amount of wear and the model number for each consumable item.

☞ "Options and Consumable Products" on page 111

Replacement Part Information

Details on menu ☞ "Replacement Part Information Menu" on page 102

Printer Status

Details on menu ☞ "Printer Status Menu" on page 102

Details of the Menu

General Settings Menu

* indicates default settings.

Item	Parameter	Explanation
Basic Settings		
LCD Brightness	1 to 9 (9*)	Adjusts the brightness of the control panel display.
Sounds		
Button Press	0	Sets the volume of the sounds when the power button and control panel screen are operated.
	1*	
	2	
	3	
Alert	0	Sets the volume of the sounds when hardware, such as the covers and media loading lever, are operated.
	1	
	2*	
	3	
Optional Alert		
Volume	0	Sets the volume and the repetition of sounds when the specified print length set in **Print Length Alert** is reached.
	1	
	2*	
	3	
Repeat	Off	
	Until Stopped*	
Completion Notice	0	Sets the volume of the sounds when print jobs or maintenance operations are finished.
	1	
	2	
	3*	

Control Panel Menu

Item	Parameter	Explanation
Warning Notice		
Volume	0	Sets the volume and the repetitions of sounds when it is time to replace consumables.
	1	
	2*	
	3	
Repeat	Off*	
	Until Stopped	
Error Tone		
Volume	0	Sets the volume and the repetitions of sounds when an error occurs and printing cannot continue.
	1	
	2	
	3*	
Repeat	Off	
	Until Stopped*	
Sound Type	Pattern1	Sets the type of sounds. Sounds that are easy to hear in the printer's operating environment can be set.
	Pattern2	
	Pattern3*	
Alert Lamp Notice	On*	Sets whether or not (**On**/**Off**) the alert lamp turns on when an error notification is received.
	Off	

Control Panel Menu

Item	Parameter	Explanation
Sleep Timer	1 to 240 (15*)	Sets how long before the printer enters sleep mode when no print jobs are received and no errors are detected. In sleep mode, heaters turn off, the control panel screen turns off, and the internal motors and other components consume less power. Press any button on the control panel to restore the screen display. The printer is only fully reactivated when a print job is received, or when another operation involving printer hardware is performed.
Wake from Sleep		Set whether or not screen operations during sleep mode will return the printer from sleep mode. When **Off** is selected, press the power button to return from sleep mode. Selecting **Scheduled** allows you to specify a time period, from 0:00 to 23:45 in 15 minute increments, when a screen operation will return the printer from sleep mode.
Touch LCD Screen to Wake		
On*		
Off		
Scheduled	0:00 to 23:45	
Date/Time Settings		
Date/Time		Sets the printer's built-in clock. The time set here is displayed on the Home screen. It is also used for job logs and the printer's status as shown in Epson Edge Dashboard.
Daylight Saving Time	Off (Winter)*	Sets daylight saving time.
	On (Summer)	
Time Difference	-12:45 to +13:45	Sets the time difference with coordinated universal time (UTC) in 15 minute increments. In network environments with a time difference, set this as necessary when administrating the printer.
Language	Japanese	Select the language used in the control panel display.
	English*	
	French	
	Italian	
	German	
	Portuguese	
	Spanish	
	Dutch	
	Russian	
	Korean	
	Traditional Chinese	
	Simplified Chinese	

Control Panel Menu

Item	Parameter	Explanation
Screen Customization		
Background Color	Gray	Select the color scheme used in the control panel display. You can set a color scheme that is easy to see in the environment in which the printer is installed.
	Black*	
	White	
Display Information While Printing		
Progress Section	Overall*	Sets the progress section of the progress bar displayed during printing in the status display area on the home screen. Select **Overall** to display the overall progress from print preparation to print completion. Select **Preparation and Action** to display the following progress statuses. ❏ From print preparation to print start (pre-heating the heater, and so on) ❏ From print start to print completion
	Preparation and Action	
Supplementary Information	Printed Length	Sets the supplementary information displayed during printing in the status display area on the home screen.
	Remaining Print Length	
	Time until media replacement	
	Pass Mode*	
Keyboard	QWERTY*	Select the keyboard layout for the text input screens that are displayed, such as when inputting names to register Media Settings.
	AZERTY	
	QWERTZ	
Unit Settings		
Length Unit	m*	Choose the units of length used in the control panel display and when printing test patterns.
	ft/in	
Temperature	°C*	Choose the temperature units used in the control panel display.
	°F	

Control Panel Menu

Item	Parameter	Explanation
Printer Settings		
Margins		
Side(Right)	3 to 25 mm (5*) (0.12 to 0.98 inch [0.20*])	Sets the width of the right margin when media is loaded in the printer. See the following for more information. "Printable Area" on page 53
Side(Left)	3 to 25 mm (5*) (0.12 to 0.98 inch [0.20*])	Sets the width of the left margin when media is loaded in the printer. See the following for more information. "Printable Area" on page 53
Margin Between Pages	0 to 999 mm (10*) (0.00 to 39.33 inch [0.39*])	Sets the margin between printed pages. For single-page print jobs, this is the margin placed between jobs.
Width Adjustment	-10.0 to 10.0 mm (0*) (-0.394 to 0.394 inch [0.00*])	You can adjust a margin between pages. Even after making adjustments, the size of the margin may change, depending on the media and usage environment. The margin increases when the number is moved in the + direction, and decreases when the number is moved in the - direction. "Printable Area" on page 53
Print Start Position	0 to 1000 mm (0*) (0.00 to 39.37 inch [0.00*])	Adjust this parameter if you want to print from the near center of the media or if you want to shift the printed area left from the Side(Right) setting. The area from the right edge of the media is left blank using the width set in Print Start Position. If a value is selected for Side(Right), an additional area corresponding to the width selected for Side(Right) will be left blank. See the following for more information. "Printable Area" on page 53

Control Panel Menu

Item	Parameter	Explanation
Media Detection		
Width Detection	On*	Select whether or not (**On**)/(**Off**) the media width is detected. Try setting this to **Off** if media width errors are displayed when printing even though the media is correctly loaded. However, we recommend setting this to **On** when using the printer. Changed settings are reflected when the media is reloaded.
	Off	
Media Width	300.0 to 1625.6 mm (300.0*) (11.81 to 64.00 inch [11.81*])	When **Width Detection** is set to **On**, the value that is automatically read from the media loaded in the printer is displayed. When **Width Detection** is set to **Off**, enter the exact width of the media that is loaded in the printer. If the correct media width is not set, the printer may print beyond the edges of the media. Ink used outside the edges of the media will stain the inside of the printer. Changed settings are reflected when the media is reloaded.
End Detection	On*	Select whether or not (**On**/**Off**) the end of the media is detected. Try setting **Off** if media out errors are displayed when printing even though the media is correctly loaded. However, we recommend setting this to **On** when using the printer.
	Off	
Detect Paper Skew	On	Select whether the printer will stop printing and display an error (**On**) or whether the printer will continue printing (**Off**) when skewed media is detected. We recommend setting this to **On** when loading media without using the media edge plates, such as when printing on thick media.
	Off*	
Nozzle Check between Pages		
On		When **On** is selected, a nozzle check pattern is printed periodically at the specified timing. When printing is complete, you can visually inspect the check pattern to determine whether there are any stripes or unevenness in the preceding or following printout. Select either **Print Length**, **Print Page**, or **Print Duration** to set the timing for printing the check pattern.
Execution Timing		
Print Length	1 to 9999 m (99*) (3.28 to 32805.12 ft [324.80*])	
Print Page	1 to 9999 pages (99*)	
Print Duration	1 to 9999 minutes (99*)	
Off*		

Control Panel Menu

Item	Parameter	Explanation
Information Printing at Media Cut		
Media Remaining Information	On	Prints information, such as the remaining amount of media, when media is removed or replaced. When **Media Remaining Information** is set to **On**, the following information is printed on the unused side from the cut position. To print the media remaining information, set **Remaining Amount Management** in **Media Settings** to **On**. ❏ Model: Model of the printer ❏ Serial No.: Serial number of the printer ❏ F/W Version: Firmware version of the printer ❏ Print Date: Date and time of printing ❏ Bank No.: Media setting number when printing ❏ Media Type: Media type registered to the media number when printing ❏ Media Width: Automatically detected value of media width ❏ Remaining Amount: Remaining amount of media When **Print Information** is set to **On**, the following information is printed on the printed side of the cut position. ❏ Model: Model of the printer ❏ Serial No.: Serial number of the printer ❏ F/W Version: Firmware version of the printer ❏ Print Date: Date and time of printing ❏ Bank No.: Media setting number when printing ❏ Media Type: Media type registered to the media setting number when printing ❏ Media Width: Automatically detected value of media width ❏ Print Length: Amount of media used If you want to cut the left and right corners of the media when preparing it for the next loaded media, set **Print Position** to **Center**.
	Off*	
Print Information	On	
	Off*	
Print Position	Right*	
	Center	
Heater		
Power On Action	Start Heating on Power On	Sets the time to start preheating the heater. When **Start Heating on Power On** is set, preheating starts automatically when the printer is turned on and started up, regardless of the media loading status. For **Start Heating Manually**, press the **Preheat Start** button on the home screen to start preheating.
	Start Heating Manually*	
Heater Control on Print Completion	100%*	Set how long the heater temperature is maintained after printing is complete. For continuous printing, use it at **100%** constantly. If you select 50%, the heater remains at approximately half the preheat temperature. If you select 0%, preheating stops after printing is complete. Changes to the settings take effect after the next job has been printed.
	50%	
	0%	

Control Panel Menu

Item	Parameter	Explanation
Media Feeding	Start Feeding on Power On*	Sets the behavior of media settings, such as the media type and roll winding specifications, when the printer is turned off and back on again when media is loaded. When **Start Feeding on Power On** is set, paper feeding starts immediately using the current settings without displaying the Media Settings screen. For **Start Feeding Manually**, paper feeding starts after you have made settings on the Media Settings screen displayed.
	Start Feeding Manually	
Inside Light	Auto*	Select whether to turn on/off the light inside the printer cover automatically (**Auto**) or whether to use the control panel operations as necessary (**Manual**). **Auto**: The light turns on automatically for operations that need light, such as printing, and turns off when the operation is complete. **Manual**: You need to press the (Inside Light button) on the control panel to turn the light on/off.
	Manual	
Optional Alert		
Print Length Alert		When Print Length Alert is set to **On**, you will receive a message and notification sound when the set print length is reached. The print length is only measured during printing. (Including blank spaces between jobs and between pages, and when proceeding to drying after printing) The print length is reset when any of the following actions are performed. ❏ Moving the media loading lever to release the media ❏ Pressing (feed media to cutting position) on the control panel screen ❏ Changing the print length setting ❏ Turning off the printer You can change the notification sound from **Optional Alert**.
On		
Print Length	0.01 to 999.99 m (0.70*) (0.03 to 3280.81 ft [2.29*])	
Off*		
Restore Default Settings	Network Settings	**Network Settings**: Restores all the **Advanced** settings in the network settings menu to their default setting values. **Clear All Data and Settings**: Restores all menu settings to their default setting values.
	Clear All Data and Settings	

Control Panel Menu

<table>
<tr><th>Item</th><th>Parameter</th><th>Explanation</th></tr>
<tr><td colspan="3">Maintenance Setting</td></tr>
<tr><td colspan="3">Cleaning Setting</td></tr>
<tr><td>Threshold of Clogged Nozzles</td><td>1 to 70 (1*)</td><td rowspan="4">The printer automatically checks the state of clogging of the nozzles in the print head during printing and cleaning. As a result of the check, nozzles that cannot maintain normal print quality, due to the ink ejection volume falling below a certain level, are detected as clogged nozzles.
Here, there are settings related to maintenance to be performed when a clogged nozzle is detected. These settings apply to the following.
❏ Auto nozzle clogging check before printing
❏ Auto Cleaning
Threshold of Clogged Nozzles sets the number of clogged nozzles that will trigger maintenance.
Max Retry Cleaning Count sets the number of times maintenance will be repeated if the nozzle clogging is not resolved in a single maintenance session.</td></tr>
<tr><td rowspan="3">Max Retry Cleaning Count</td><td>0*</td></tr>
<tr><td>1</td></tr>
<tr><td>2</td></tr>
<tr><td rowspan="3">Actions Beyond Threshold of Missing Nozzles</td><td>Stop Printing</td><td rowspan="3">Sets the action when the number of clogged nozzles that are detected during printing exceeds the number set in Cleaning Setting - Threshold of Clogged Nozzles.
With Stop Printing, the message Auto Nozzle Maintenance found that the allowable number of clogged nozzles has been exceeded. The print quality may decline. is displayed on the control panel screen, printing is stopped, and the printer enters standby status.
With Show Alert, printing continues without stopping while the above message remains displayed on the control panel screen.
With Auto Cleaning, cleaning is performed automatically before the next job starts to print.</td></tr>
<tr><td>Show Alert*</td></tr>
<tr><td>Auto Cleaning</td></tr>
<tr><td colspan="2">Maintenance Cleaning
On
Interval
Scheduled</td><td rowspan="6">When On is set, Head Cleaning is performed automatically when the printer is not used for a specified period or before starting a job. This cleaning ejects sedimented ink in the ink tubes to prevent print quality from falling.</td></tr>
<tr><td>1 to 240 hours (72*)</td></tr>
<tr><td colspan="2">Before Job Start</td></tr>
<tr><td rowspan="3">Cleaning Level</td><td>Light</td></tr>
<tr><td>Medium*</td></tr>
<tr><td>Heavy</td></tr>
<tr><td colspan="2">Off*</td></tr>
</table>

Control Panel Menu

Item	Parameter	Explanation
Network Settings		
Network Status	Wired LAN Status	You can view a summary of the selected **Advanced** settings. When **Print Status Sheet** is selected, a list is printed.
	Print Status Sheet	
Advanced		
Device Name		Select a variety of network settings.
TCP/IP	Auto*	Automatically sets the printer's IP address by using the DHCP function of the router, for example.
	Manual	Select this option when assigning a fixed IP address to the printer, and then enter the necessary information, such as the IP address and subnet mask, to configure the settings.
Proxy Server	Use	If you are using a proxy server to connect from an intranet to the internet, and you want to use functions such as firmware updates or other functions that allow the printer to access the internet directly, set **Use** and set the server name and port number.
	Do Not Use*	
IPv6 Address	Enable*	Select whether to enable or disable IPv6 functionality.
	Disable	
Link Speed & Duplex	Auto*	If you are using 1000BASE-T Full Duplex, set Auto.
	100BASE-TX Auto	
	100BASE-TX Half Duplex	
	100BASE-TX Full Duplex	
	10BASE-T Half Duplex	
	10BASE-T Full Duplex	
Redirect HTTP to HTTPS	Enable*	Select whether to enable or disable the automatic redirection of HTTP to HTTPS.
	Disable	
Disable IPsec/IP Filtering		Use the pre-installed software Web Config to enable this setting. You can only disable the setting from the control panel menu. See the following for detailed information on starting Web Config. "Using Web Config" on page 33
Disable IEEE802.1X		

Media Settings Menu

* indicates default settings.

Control Panel Menu

Item	Parameter	Explanation
Current Settings		
Media	01 XXXXXXXXXX to 50 XXXXXXXXXX	Choose the Media Settings to use. The registered name appears in XXXXXXXXXX.
Media Type		Displays the currently selected Media Type.
Media Width		Selecting this item will take you to **General Settings** - **Printer Settings** - **Media Detection** settings. The media width recognized by the printer varies according to the **Media Detection** - **Width Detection** settings. "General Settings Menu" on page 84
Advanced Settings		You can change the **Advanced Settings** for the registered media selected in **Media**. See the following table for details on the setting content. "Media Management items" on page 95
Print Adjustments		
Automatic Adjustment		**Automatic Adjustment** is performed in the following cases. ❏ When media settings for EMX files are registered to the printer ❏ When changing **Advanced Settings** after saving Media Settings ❏ When using media of different widths, even if they are of the same media type If an error occurs during Automatic Adjustment or you notice banding or graininess in the print results, perform **Manual Adjustment**. See the following for more information. "Optimizing Media Settings (Automatic Adjustment)" on page 46
Manual Adjustment		
Media Feed Adjustment	Manual(Standard)	
	Manual(Measurement)	
Print Head Alignment		
Media Management		
01 XXXXXXXXXX to 50 XXXXXXXXXX		Change the registered Media Settings. "Media Management items" on page 95 Press the  area to the right of **Media Settings** to copy the currently selected settings to another media setting number, or initialize all settings.
Remaining Amount Management		

Item	Parameter	Explanation
Remaining Amount Management	On	When **On** is selected, you can set **Remaining Amount** and **Remaining Alert**. Setting each item to manage the remaining amount makes it easier to know when it is time to replace the media. Once this is set to **On**, when you have loaded the media, you will be prompted to enter the registered media settings number and the media length (Remaining Amount).
	Off*	
Remaining Amount	1.0 to 999.9 m (50.0 m*) (3.3 to 3280.5 ft [164.0 ft*])	Sets the total length of the loaded media. You can set in increments of 0.1 m (0.1ft). The amount of media remaining is estimated based on the length you set here and the length of the printout, and is displayed on the Home screen.
Remaining Alert	1.0 to 15.0 m (5.0 m*) (3.3 to 49.2 ft [16.4 ft*])	Sets a value at which point a warning message is displayed to inform you that the remaining amount of media is too low. You can set in increments of 0.1 m (0.1 ft).
Print Length Management		
Auto Reset	Off*	Select whether not to automatically reset the print length value (**Off**) or to reset it when the next job starts (**Before Job Start**). When **Off** is selected, the value does not reset until you perform **Manual Reset**. However, once the value reaches 9999, it automatically resets and returns to 0. When **Before Job Start** is selected, the value returns to 0 when printing starts for the next job so you can check the print length per job. You can also check how far along the print job is while printing.
	Before Job Start	
Manual Reset		When a reset is performed, the value for print length returns to 0.

Media Management items

When you select the Media Type when loading media, or download an EMX file using the supplied Epson Edge Print PRO or Epson Edge Dashboard and register the media setting values to the printer, the media setting values are already set to match the media being used and therefore do not need to be changed normally. When using special media or when a problem such as head striking or banding is detected in printing results, change the default.

The default settings for each of the following items differ depending on the content set in **Media Type**.

Item	Parameter	Explanation
Change Name		Assign a name of up to 20 characters to the Media Settings being saved. Using distinctive names makes it easier to select banks for use.
Media Type	Adhesive Vinyl	Select the Media Type that matches the type of media you have loaded. The printer stores the optimum media settings according to the Media Type. When the Media Type is changed, each setting for media registered to the current media setting number changes to the value for the Media Type after changing. "Media Settings List for Each Media Type" on page 116
	Banner	
	Film	
	Textile	
	Paper/Other	
	Canvas	

Control Panel Menu

Item	Parameter	Explanation
Advanced Settings		In most situations, use the values set for each media type as they are. When using special media or when a problem such as head striking or banding is detected in printing results, change the default.
Pre-Heater		
Pre-Heater	On Off	Select whether or not (**On**/**Off**) to use the pre-heater. When this is set to **Off**, the heater does not heat up even when a print job is received or when you press **Preheat Start** on the home screen/ heater temperature settings screen.
Temperature	30 to 50 °C (86 to 122 °F)	The heater heats up to the temperature set here when a print job is received or when you press **Preheat Start** on the home screen/ heater temperature settings screen.
Platen Heater		
Platen Heater	On Off	Select whether or not (**On**/**Off**) to use the platen heater. When this is set to **Off**, the heater does not heat up even when a print job is received or when you press **Preheat Start** on the home screen/ heater temperature settings screen.
Temperature	30 to 50 °C (86 to 122 °F)	The heater heats up to the temperature set here when a print job is received or when you press **Preheat Start** on the home screen/ heater temperature settings screen. If the temperature of the platen heater is too high, it may cause nozzle clogging.
After Heater		
After Heater	On Off	Select whether or not (**On**/**Off**) to use the after heater. When this is set to **Off**, the heater does not heat up even when a print job is received or when you press **Preheat Start** on the home screen/ heater temperature settings screen.
Temperature	30 to 55 °C (86 to 131 °F)	The heater heats up to the temperature set here when a print job is received or when you press **Preheat Start** on the home screen/ heater temperature settings screen.

Control Panel Menu

Item	Parameter	Explanation
Drying Time per Pass	0.0 to 10.0 Secs	Set the time, in the range of 0.0 to 10.0 seconds, to stop feeding the media to allow the ink to dry after printing one pass. The time needed for the ink to dry varies with ink density and the media used. If the ink blurs on the media, set a longer time for drying the ink. Increasing the drying time increases the time needed to print.
Proceed to Drying after Print	No Rewind Rewind Off	Select whether to feed the end of the printout to the after heater position after printing (**No Rewind**, **Rewind**) or not to feed it (**Off**). When **No Rewind** is set, the media that has been fed for drying is not rewound when the next job is received. This is suitable for printing the next job after cutting the media. When **Rewind** is set, the media that has been fed for drying is automatically rewound before printing when the next print job is received, which avoids creating any unnecessary margins. This is suitable for continuous, consecutive printing. If you need to cut the media when **Rewind** is set, hold down the [ ] button (rewind button) to return the end of the printout to the cutter groove before cutting. If you cut the media without rewinding, the next print job will not be performed correctly.
Drying Fan	On Off	Select whether or not (On/Off) to use the Additional Print Drying System.
Print Head Warm Up	Long Short Off	If you notice horizontal banding or incorrect colors in the printouts, condensation may have formed on the print head surface. This issue may occur when the ambient temperature is low or when printing large areas at a high ink density. When this function is enabled, the printer automatically warms up when a print job is received to prevent condensation on the print head surface. Printing starts when the temperature of the heater and print head reach the target temperature. If the issue continues even after setting this to **Short**, try setting it to **Long**. Setting this to **Long** increases the effectiveness of condensation prevention, but it also increases the warm-up time. This function does not work if the **platen heater** is set to **Off**.

Control Panel Menu

Item	Parameter	Explanation
Platen Gap	1.6 2.0 2.5	Set the Platen Gap (the distance between the print head and the media). In most situations, use the values set for each media type as they are. If the print results are scratched or smudged, they may be improved by setting a larger value. However, choosing a larger gap than required may result in ink stains inside the printer, reduced print quality, or shorter product life.
Feeding Tension	Lv1 to Lv4	In most situations, use the values set for each Media Type as they are. Increase tension if creases appear in the media during printing. The higher the value, the greater the tension.
Paper Suction	Lv0 to Lv10	Set the strength of the suction by the platen heater on the media. The higher the value, the greater the suction. In most situations, use the values set for each Media Type as they are. If the media is wavy on the platen heater, increase the setting. If graininess or out-of-focus characteristics are detected in printing results obtained using thin or soft media or if the media is not fed normally, reduce the set value.
Head Movement Range	Data Width Printer Width Media Width	Choose the range over which the print head moves during printing. **Data Width**: The print head moves within the range of the print data's width. Restricting the extent of the print heads' movement increases print speed. **Printer Width**: The print head moves within the range of the printer's maximum media width. Select this option for more even print results with less variation. **Media Width**: The print head moves within the range of the width of the media that is loaded.
Multi-Strike Printing	On (2 to 8) Off	Choose the number of times each line is printed. To perform high-density printing, increase the frequency.

Control Panel Menu

Item	Parameter	Explanation
Media Feed Speed Limitation	On	Normally, leave this **Off**. Set this to **On** if media sticks, wrinkles, or tears easily when printing on thin media. When this is set to **On**, print speed slows down.
	Off	
Pressure Roller Load	Light	In most situations, use the values set for each Media Type as they are. If the following occurs when printing, you may be able to eliminate the problem by; changing the Pressure Roller Load to **Light**. ❏ Wrinkling around the pressure rollers. ❏ Staining due to the media striking the print head. ❏ Pressure rollers leaving marks on the media.
	Medium	
	Strong	
Skew Reduction	On	Select whether or not (**On**/**Off**) the printer performs operations to correct media skew (media fed skewed) when media is loaded. Normally, leave this **On**. Set this to **Off** if the media shows marks from the rollers due to skew corrections.
	Off	
Roll Winding Direction	Printable Side Out	Set this according to the winding specifications of the media being loaded.
	Printable Side In	
Take-Up	Standard	Normally, leave this at **Standard**. If the media sticks while printing on media that builds up static easily and cannot be taken up correctly because of problems, such as being wavy, set this to **Strength Tension**. If the issue continues even when this is set to **Strength Tension**, use media that is less prone to static electricity.
	Strength Tension	
Skip Wrinkled Media	Off	Normally, leave this **Off**. To avoid printing on the wrinkled part at the leading edge of the media at the start of printing, we recommend setting the length to 300 mm. However, if you want to set a different length depending on the media you are using and the print content, you can set the length so that printing is not performed within a range of 10 to 1000 mm from the leading edge. Set the length in increments of 10 mm. However, no media is fed when jobs are continuous.
	On (10 to 1000 mm)	

Control Panel Menu

Item	Parameter	Explanation
Periodic Cleaning		
Auto		Performs periodic head cleaning at the optimal time based on the media settings.
Manual		When setting the frequency according to how often you use the printer, set it to **Manual**.
Execution Timing		Set the frequency of periodic cleaning to **Print Duration**, **Print Page**, or **Print Length**.
Print Duration	1 to 1440 minutes (120 minutes *)	**Print Duration** sets how many minutes of printing time to wait before cleaning the print head. Normally, leave **Suspend until Next Page** set to **On**. If you set Suspend until Next Page to **Off**, head cleaning is performed even during printing when it is time for periodic cleaning.
Suspend until Next Page	On*	
	Off	
Print Page	1 to 100 pages (10 pages*)	**Print Page** sets how many pages to print before cleaning the print head.
Print Length*	1.0 to 100.0 m (3.3 to 328.1 ft)	**Print Length** sets how many meters to print before cleaning the print head. Normally, leave **Pre-execute on previous page** set to **On**. If you set Pre-execute on previous page to **Off**, head cleaning is performed even during printing when it is time for periodic cleaning.
Pre-execute on previous page	On*	
	Off	
Cleaning Level	Extra Light*	Sets the strength at which to execute head cleaning.
	Light	
	Medium	
	Heavy	

Maintenance Menu

* indicates default settings.

Item		Explanation
Print Head Nozzle Check		Print a pattern, and then check the status of the nozzles for the print head. Inspect the pattern visually and perform **Head Cleaning** if you detect any missing colors. See the following for details. "Nozzle Check and Head Cleaning" on page 70 The settings displayed in **Print Position** differ depending on the width of the media loaded in the printer and the **Width Detection** setting.
Print Position	Right	
	Center	
	Left	
Head Cleaning		

Control Panel Menu

Item		Explanation
Auto Cleaning Cleaning (Light) Cleaning (Medium) Cleaning (Heavy)		Execute Head Cleaning. Perform **Auto Cleaning** first. If this does not clear the clogs, perform in the order **Cleaning (Light)**, then **Cleaning (Medium)**, and then **Cleaning (Heavy)**. If nozzles are still clogged even after performing Cleaning (Heavy), check the following for information on what to try next. ☞ "Nozzle Check and Head Cleaning" on page 70
Print Head Fluff & Ink Mist Removal		Do this if nozzles are still clogged and ink drops form even after performing head cleaning.
Print Head Warm Up		If you notice horizontal banding or incorrect colors in the printouts, condensation may have formed on the print head surface. This issue may occur when the ambient temperature is low or when printing large areas at a high ink density. If you enable **Print Head Warm Up** in Media Management, the printer automatically warms up when a print job is received to prevent condensation on the print head surface. Printing starts when the temperature of the heater and print head reaches the target temperature. To shorten the warm-up time, perform this function just before sending the print job. When this function is selected, warm-up begins. This function does not work if the **platen heater** is set to **Off**.
Cleaning the Maintenance Parts	Print Head/Area around the Cap	Start cleaning the selected parts. See the following for more information on cleaning. ☞ "Monthly Cleaning" on page 61
Adding Grease to the Carriage Rod		Use this only to lubricate carriage rod A/B. ☞ "Applying Grease to the Carriage Rod" on page 74
Replace Maintenance Parts		If you are replacing the Maintenance Parts Kit before the message indicating that it is time to replace the Maintenance Parts Kit appears on the control panel's screen, do so from this menu.
Replace Waste Ink Bottle		If you are replacing the waste ink bottle before the message indicating that it is time to replace the waste ink bottle appears on the control panel's screen, do so from this menu. ☞ "When you want to replace it at any time" on page 66
Pre-Storage Maint.		Always perform pre-storage maintenance if the printer will not be used (and will be switched off) for one month or more. See the following for more information. ☞ "Pre-maintenance When Not Using the Printer for an Extended Period" on page 72
Head Washing		Perform this if nozzle clogging is not cleared after performing head cleaning several times and cleaning around the print head. Use the following to clean the head. ❏ Cleaning ink supply unit (sold separately) (x4) ❏ Tray attachment (supplied with the printer) (x4)

Replacement Part Information Menu

Item	Explanation
Suction Cap	Contact your dealer or Epson Support for assistance.
Ink Holder (Left)	
Ink Holder (Right)	
Ink Tube	
Cloth Wiper Carriage	
Carriage Motor	

Printer Status Menu

Item		Explanation
Firmware Version		Displays the selected information. If you set the printer name using Epson Edge Dashboard supplied with this printer, that name is displayed in **Printer Name**.
Printer Name		
Fatal Error Log		
Operation Report	Total Print Area	
	Total Media Feed Length	
	Total Carriage Pass	

Problem Solver

When a Message is Displayed

If one of the following messages is displayed, read and follow the instructions below.

Messages	What to do
Failed to inspect the condition of nozzles. Cannot run "Auto Cleaning". Select cleaning strength manually and run Cleaning.	The printer has exceeded the temperature at which printer operations are guaranteed. Adjust the temperature of the room, to start using the printer again. "Specifications Table" on page 120
The combination of the IP address and the subnet mask is invalid. For details, see your documentation.	Make sure you have entered the correct values for the IP address and the default gateway. If you do not know the correct values, contact your network administrator.
Recovery Mode	Firmware update failed, and the printer started in recovery mode. Follow the steps below to update the firmware again. 1. Connect the computer and the printer with a USB cable (updates cannot be performed over a network connection when the printer is in recovery mode). 2. Download the latest firmware from the Epson website, and then start the update.
Communication between the network and the printer is unstable. You may be able to resolve this by setting IEEE802.3az (Energy Efficient Ethernet) to "Off". See your documentation for details.	When the IEEE802.3az feature is set to **On**, the connection may become unstable, depending on your network environment, resulting in printing issues. Press **OK** to finish printing. See the following and use Web Config to set the IEEE802.3az feature to **Off**. "Configuring **IEEE 802.3az** settings" on page 106

When a Maintenance Call/Printer Error Occurs

Error messages	What to do
Maintenance Request: Replace Parts Soon XXXXXXXX	A part used in the printer is nearing the end of its service life. Contact your dealer or Epson Support and tell them the maintenance request code. You cannot clear the maintenance request until the part is replaced. A printer error occurs if you continue to use the printer.
Maintenance Request: End of Parts Service Life XXXXXXXX	

Problem Solver

Error messages	What to do
Printer error. Turn the power off and on again. For details, see your documentation. XXXXXX	Printer errors are displayed in the following situations. ❏ The power cable is not connected securely ❏ An error that cannot be cleared occurs When a printer error occurs, the printer automatically stops printing. Turn off the printer, disconnect the power cable from the outlet and from the AC inlet on the printer, and then reconnect. Turn on the printer again. If the same call for service is displayed on the LCD panel after turning the printer off and on several times using the procedure above, contact your dealer or Epson Support for assistance. Tell them the call for service code is "XXXXXX".
The Take In Media Holder cannot be recognized. Turn off the power and check whether the Take In Media Holder is connected correctly. XXXXXX	Turn off the printer, disconnect and reconnect the communication cable connector for the media feeding unit, and then turn the printer back on. If the same call for service is displayed on the LCD panel after turning the printer off and on several times using the procedure above, contact your dealer or Epson Support for assistance. Tell them the call for service code is "XXXXXX".

Troubleshooting

U.S., Canada, and Latin America

For information on additional common issues and their solutions, see the online *Troubleshooting & Tips*.

Other Regions

The “Troubleshooting & Tips” section of the online manual also introduces common troubles and how to deal with them. Please refer to this section in conjunction with this chapter.

You Cannot Print (Because the Printer Does Not Work)

The printer does not turn on.

■ **Is the power cable plugged into the electrical outlet and the printer?**

Make sure the power cable is securely plugged into the printer.

■ **Is there any problem with the electrical outlet?**

Make sure your outlet works by connecting the power cable for another electric product.

The printer is not communicating with the computer.

■ **Is the cable plugged in properly?**

Make sure the printer's interface cable is securely plugged into the correct terminal of the computer and the printer. Also, make sure the cable is not broken nor bent. If you have a spare cable, try connecting with the spare cable.

■ **Does the interface cable specification match the specifications for the computer?**

See the "Interface" section in the Specifications table.

☞ “Specifications Table” on page 120

■ **When using a USB hub, is it being used correctly?**

In the USB specification, daisy-chains of up to five USB hubs are possible. However, we recommend that you connect the printer to the first hub connected directly to the computer. Depending on the hub you are using, the operation of the printer may become unstable. If this should occur, plug the USB cable directly into your computer's USB port.

■ **Is the USB hub recognized correctly?**

Make sure the USB hub is recognized correctly on the computer. If it is, disconnect the USB hub from the computer and connect the computer directly to the printer. Ask the USB hub manufacturer about USB hub operation.

You cannot print under the network environment.

■ **Are the network settings correct?**

Ask your network administrator for the network settings.

■ **Connect the printer directly to the computer using a USB cable, and then try to print.**

If you can print via USB, there are some problems on the network environment. Ask your system administrator, or refer to the manual for your network system. If you cannot print via USB, see the appropriate section in this User's Guide.

■ **Is the network connection unstable?**

Turn off the router, wait for about 10 seconds, and then turn it on again.

■ **Are you using a wired LAN connection with a device that supports IEEE802.3az (Energy Efficient Ethernet)?**

When using a wired LAN connection with a device that supports IEEE802.3az (Energy Efficient Ethernet), the connection may become unstable or disconnect, or the communication may slow down.

Follow the steps below to disable IEEE802.3az on the printer and then connect.

Configuring IEEE 802.3az settings

1. Disconnect the LAN cables connected to the computer and the printer.
2. Disable IEEE802.3az on your computer if it is enabled.

   See the manual for your computer for setting details.
3. Connect the computer and the printer directly with a LAN cable.
4. On the printer, check the printer's IP address in (Menu) - **General Settings** - **Network Settings** - **Network Status** - **Wired LAN Status**.
5. On the computer, start Web Config. Start a Web browser and enter the printer's IP address.
6. Log in as an administrator.

   Logging in "Using Web Config" on page 33
7. Select the **Network Settings** tab - **Wired LAN**.
8. Set **IEEE802.3az** to **Off**.
9. Click **Next**.
10. Click **Settings**.
11. Disconnect the LAN cable that directly connects the computer and the printer.
12. If you disabled IEEE802.3az on your computer in step 2, enable it now.
13. Reconnect the LAN cable that you disconnected in step 1.

If the issue continues even though you changed the above settings, a device other than the printer may be causing the problem. Check the settings and connection states, etc. of the router and computer.

The printer has an error.

■ **View the message displayed in the control panel.**

"Control Panel" on page 15

"When a Message is Displayed" on page 103

The Printer Sounds Like It Is Printing, but Nothing Prints

The print head moves, but nothing prints.

■ **Confirm the printer operation.**

Print a check pattern. Check patterns can be printed without connecting the printer to a computer and hence can be used to check printer function and status.

"How to Print a Nozzle Check Pattern" on page 70

Refer to the following section for information on what to do if the pattern does not print correctly.

Check pattern does not print correctly.

■ **Perform head cleaning.**

The nozzles may be clogged. Print a check pattern again after performing head cleaning.

"Nozzle Check and Head Cleaning" on page 70

■ **Has the printer been left unused for a long time?**

If the printer has not been used for a long time, the nozzles may have dried up and clogged.

Steps to take when the printer has not been used for a long time "Notes When Not Using the Printer" on page 24

The Prints Are Not What You Expected

Print quality is poor, uneven, too light, too dark, obvious graininess, or the tone differs.

■ Are the print head nozzles clogged?

If the nozzles are clogged, specific nozzles do not fire ink and the print quality declines. Try printing a check pattern.

☞ "How to Print a Nozzle Check Pattern" on page 70

■ Perform Print Adjustments.

There is a slight gap between the print head and the media, so the colors may be applied in slightly different positions due to the following factors.

- ❏ Difference in the direction the print head is moving (right to left or left to right)
- ❏ Temperature and humidity
- ❏ Inertial force of movement of the print head

The color position differences may cause the print results to show obvious graininess or to appear out-of-focus.

Also, large discrepancies in the feed amount cause banding (horizontal banding, tint unevenness, or stripes).

You can adjust color position differences and the amount of media that is fed by doing Print Adjustments. Perform **Print Head Alignment** and **Media Feed Adjustment** for Media Settings and adjust according to the media being used.

☞ "Optimizing Media Settings (Automatic Adjustment)" on page 46

■ Are you using a genuine Epson ink supply unit?

This printer has been developed for use with genuine Epson ink. If you use non-Epson ink, printouts may be faint, or the remaining ink level may not be detected correctly, causing the color to change. Be sure to use the correct ink supply unit.

■ Are you using an old ink supply unit?

The print quality declines when an old ink supply unit is used. Replace the old ink supply unit with a new one. Use all of the ink in the ink supply unit before the date printed on the package or within a year of installing the ink supply unit in the printer, whichever is sooner.

■ Are the heaters at the correct temperature?

Raise the temperature if the print results are blurred or smudged or the ink clots. Note, however, that raising the temperature too high can cause the media to shrink, wrinkle, or deteriorate.

In addition, the heaters may require some time to reach the desired temperature if the ambient temperature is low. The heaters may also not have the desired effect after reaching the selected temperature if the media is too cold. Allow the media to warm to room temperature before use.

■ Are media settings correct?

Confirm that the media settings in the software RIP or on the printer match the media actually in use.

■ Are you printing with Head Movement Range set to Data Width?

When **Head Movement Range** is set to **Data Width** in the settings menu, the print quality may slightly decrease in exchange for faster speed. For higher printing quality, set **Head Movement Range** to **Printer Width** or **Media Width**.

☞ "Media Settings Menu" on page 93

■ Are you comparing the printing results to the image on the display monitor?

Since monitors and printers produce colors differently, printed colors will not always match on-screen colors perfectly.

■ Was a printer cover opened during printing?

Opening the printer cover or maintenance cover during printing causes the print head to stop abruptly, resulting in uneven colors. Do not open the covers while printing is in progress.

The print is not positioned properly on the paper.

■ Is the media loaded correctly and are the margins correct?

If the media is not loaded correctly, the results may be off center or part of the data may not be printed. You should also check whether the correct options are selected for side margins and **Print Start Position** in the settings menu.

"Loading Media" on page 38

"General Settings Menu" on page 84

■ Is the media skewed?

If the media is not loaded correctly, the media may skew and the print position may be displaced. Be careful of the following, and load the media correctly.

- ❏ When pulling out the media, hold the center of the media in one hand, and pull it straight out.
- ❏ When you attach the end of the media to the roll core, pull the center section of the media straight down as you affix it.
- ❏ When attaching paper tape to the roll core, make sure the media is taut when you attach it to the take-up roll core.

"Loading Media" on page 38

"Using the Auto Take-up Reel Unit" on page 40

■ Is the media wide enough for the print data?

Although printing normally stops if the print image is wider than the media, data will be printed beyond the edges of the media if **Off** is selected for **Width Detection** in the settings menu. Choose **On** for **Width Detection** in the settings menu.

"General Settings Menu" on page 84

Vertical ruled lines are misaligned.

■ Is the media wavy?

Certain types of media may develop waves under some conditions (humidity and temperature) while installed in the printer. If a wave has developed, press the ↓ button in the control panel to feed the media and avoid the affected area. We recommend that you lower the temperature and humidity to prevent waves developing.

■ Is the print head misaligned?

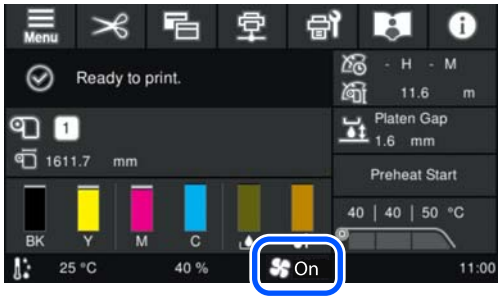
If the print head is misaligned, ruled lines may be misaligned accordingly. When vertical ruled lines are misaligned, select **Print Head Alignment** to adjust print head misalignment that occurs during printing.

"Manual Adjustment Procedure" on page 47

Printed material transfers to the back of the media as it winds up (ink set-off)

■ Is the Additional Print Drying System operating normally?

Check the icon displayed in the footer of the control panel screen (enclosed area in the figure below) when the Drying Fan is not operating.



When no icon is displayed

The Additional Print Drying System is not connected correctly.

Turn off the power to the printer and check the connections of the power cable and connected cables. If nothing is displayed even after turning the power to the printer back on, the Additional Print Drying System could be malfunctioning.

Contact your dealer or Epson Support for assistance.

When On is displayed

The Additional Print Drying System could be malfunctioning.

Contact your dealer or Epson Support for assistance.

When Off is displayed

The Additional Print Drying System is set to not be used. Under the selected media registration number, change the setting for **Advanced Settings** - **Drying Fan** to **On**.

Media

Media Jams.

■ **Is media curled, folded, curved, creased, or wavy?**

Cut and remove the curled, folded, curved, creased, or wavy part.

☞ "How to cut and remove the taken-up media" on page 51

■ **Did you leave the media loaded for a long time?**

The pressure rollers may crease media left in the printer, or the media may also become wavy or curled.

■ **Is the media too thick or too thin?**

❑ Check the media specifications to determine whether it can be used in the printer.
☞ "Supported Media" on page 113

❑ For information on how to configure print settings using the software RIP, contact the RIP manufacturer.

■ **Is Paper Suction set too high?**

In the media settings, reduce Paper Suction (the force that sucks media down the media path).

☞ "Media Settings Menu" on page 93

■ **Is the media sticking together due to static?**

Try changing **Take-Up** to **Strength Tension** in the Media Settings menu.

☞ "Media Settings Menu" on page 93

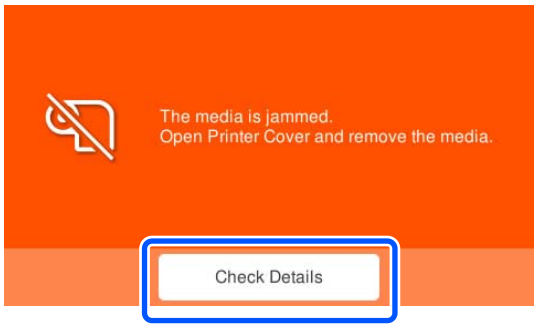
Removing Jammed Media.

Check the error displayed on the control panel screen, and then follow the on-screen instructions to remove the media.

Important:

Stop using the printer if the media edge plates become deformed. Continuing to use the printer with deformed media edge plates may cause damage to the pressure rollers and print head.

Contact your dealer or Epson Support for assistance.



Caution:

Be careful not to trap your hands or fingers when opening or closing the printer cover. Failure to observe this precaution could result in injury.

Printing does not stop even when the media runs out

■ **Is the setting for detecting the end of the media on the printer set to Off?**

If the **End Detection** setting in the Printer Settings menu is set to **Off**, the printer may not be able to detect when the media has run out.

☞ "General Settings Menu" on page 84

Media slips off when printing starts

■ **Are you cutting media partway with Proceed to Drying after Print set to Rewind?**

If media is cut at the point just after printing and then rewound when the next print job starts, the media may come off the pressure roller and printing cannot be performed.

When cutting after printing, hold down the [↑] button (rewind button) to rewind the end of the print to the cutter groove before cutting.

Others

Heater automatically turns off

■ The **Pre-Heater**, **Platen Heater**, and **After Heater** turn off if no print job is received and no errors occur in the printer for a certain time. You can change the time until the heater automatically switches to off in **Sleep Timer** from the settings menu. "General Settings Menu" on page 84

The heaters will reactivate when a print job is received or preheating starts.

The control panel display keeps turning off.

■ **Is the printer in sleep mode?**

When no operations are performed on the printer for the time set in **Sleep Timer** in the setup menu, the printer enters sleep mode. You can change the time before entering sleep mode in the General Settings menu.

"General Settings Menu" on page 84

Sleep mode is canceled when a print job is received, the media loading lever is used, or another operation involving printer hardware is performed.

The administrator password has been forgotten.

■ **Contact your dealer or Epson Support.**

The red light is on inside the printer.

■ **This is not a failure.**

The light inside the printer may turn on during operation.

Appendix

For the latest information, see the Epson Web site. (as of April, 2024)

Options and Consumable Products

Ink Supply Units

SC-S7100/SC-S7160

Color name	Product number
Black	T51P1
Cyan	T51P2
Magenta	T51P3
Yellow	T51P4

SC-S7130/SC-S7140

Color name	Product number
Black	T51S1
Cyan	T51S2
Magenta	T51S3
Yellow	T51S4

SC-S7170

Color name	Product number
Black	T51N1
Cyan	T51N2
Magenta	T51N3
Yellow	T51N4

Epson recommends the use of genuine Epson Ink Supply Unit. Epson cannot guarantee the quality or reliability of non-genuine ink. The use of non-genuine ink may cause damage that is not covered by Epson's warranties, and under certain circumstances, may cause erratic printer behavior. Information about non-genuine ink levels may not be displayed, and use of non-genuine ink is recorded for possible use in service support.

Others

Product name	Product number	Explanation
Cleaning Ink Supply Unit	T56L0	Use for Pre-Storage Maintenance and Head Washing.
Waste Ink Bottle	T7240	This is the same as the waste ink bottle supplied with the printer.
Maintenance Parts Kit	C13S210164	The following consumable items are included in one maintenance set. ❏ Wiper unit (x1) ❏ Flushing pad (x1) ❏ Air filters (x2) ❏ Gloves (x2)
Ink Cleaner	T6993	Identical to the Ink Cleaner supplied with the printer.
Clean Room Wiper*	C13S090016	Identical to the Clean Room Wiper supplied with the printer.
Cleaning Stick	C13S090013	Identical to the Cleaning Stick supplied with the printer.
Media Edge Plate	C12C932411	Identical to the media holding plates supplied with the printer. Sold on a 1-plate basis. ☞ "Replacing the Media Edge Plates" on page 67

* Not available for purchase in some countries and regions. We recommend BEMCOT M-3 II from the Asahi Kasei Corporation when purchasing commercial products.

Supported Media

The following media can be used with the printer. Print quality is greatly affected by the type and quality of media used. Choose a media suited to the task at hand. For information on use, refer to the documentation supplied with the media or contact the manufacturer. Before buying media in large quantities, try printing on a smaller sample and check the results.

Important:

Do not use media that is wrinkled, scuffed, torn, or dirty.

Roll media

Roll core size	2 or 3 inch
Roll outer diameter	Media feeding unit: Max. 250 mm (9.84 in.) Auto take-up reel unit: Max. 200 mm (7.87 in.)
Media width	300 mm (11.8 inches) to 1625.6 mm (64 inches)
Media thickness	1 mm (0.03 in.) or less
Roll weight	Up to 45 kg (99 lb)

Cut media

Media width	300 mm to 1625.6 mm (11.8 to 64 in.)
Media length	500 mm (19.68 in.) or more
Media thickness	1 mm (0.03 in.) or less

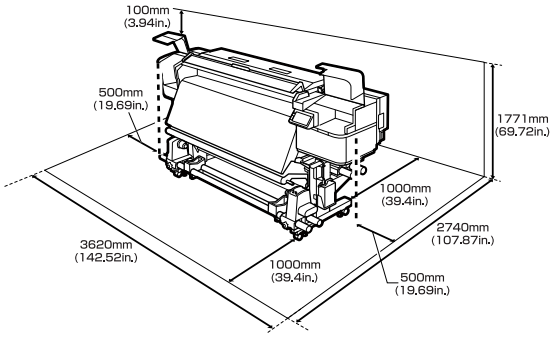
Moving and Transporting the Printer

This section describes how to move and transport the product.

Suitable Installation Locations

Install this printer in a location that meets the following guidelines.

❏ A stable location that is flat and does not transmit vibrations, with sufficient space around it, as shown in the illustration.



❏ A location that can sufficiently support the weight of the printer (approx. 287 kg (approx. 632.73 lb))

❏ A location where power cables for the printer and the Additional Print Drying System can be connected to separate dedicated outlets

Warning:

❏ *To prevent ground leak accidents, connect to a grounded (earthed) outlet. Connecting to anything other than a grounded outlet could result in electric shock or fire. Check the electrical outlet that will be used. If the outlet is not grounded, contact your dealer.*

❏ *Use only the type of power source indicated on the printer's label. An electric shock or fire could occur.*

❏ *Do not connect the power cable to a power strip or multi plug. An electric shock or fire could occur. Connect the power cable directly to an outlet for domestic use.*

Moving the Printer

This section explains how to move the printer to another location on the same floor on which there are no bumps or gaps. See below for information on moving the printer between floors or to another building.

☞ "Transport" on page 115

Caution:

Do not tilt the product more than 10 degrees forward or back while moving it. Failure to observe this precaution could result in the printer falling over, causing accidents.

Important:

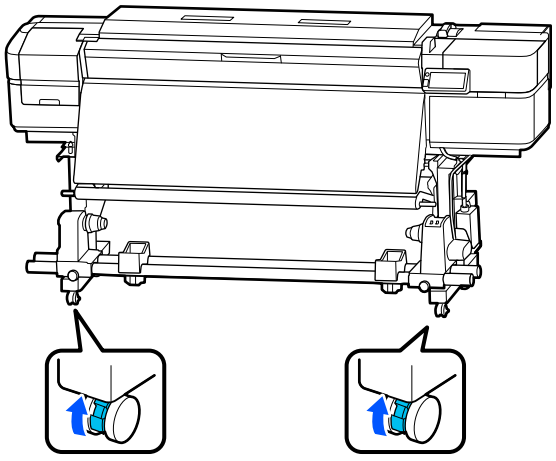
Do not remove the ink supply units. Failure to observe this precaution could result in the nozzles drying out.

Getting Ready

1. Confirm that the printer is off.
2. Remove the waste ink bottle.

   "Replacing the Waste Ink Bottle" on page 65
3. Disconnect all power cables and computer communication cables from the printer.

   Be sure to unplug the power plug of the Additional Print Drying System from the outlet as well.
4. Remove media from the media feeding unit and the auto take-up reel unit.
5. Unlock the two casters at the front.



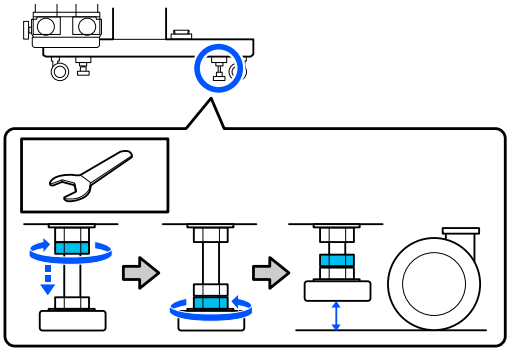
Important:

Be sure to raise the levelers above the casters before moving the printer. Moving the printer without raising the levelers could cause a malfunction. You need the spanner supplied to adjust the levelers.

(1) Loosen the nut on the top of the levelers.

(2) Turn the nut on the bottom counter-clockwise.

(3) Check that it is above the caster.



6. Move the printer.

   Have 2 people, 1 on either side of the printer, move the printer.

Important:

Use the casters on the dedicated printer stand to move the printer indoors a short distance over a level floor. They can not be used for transport.

Post-Move Installation

U.S., Canada, and Latin America

Contact your dealer for product installation. The product must be installed by an authorized dealer. Damage to the product from unauthorized installation will not be covered by your Epson warranty.

Other regions

After moving the printer, follow the steps below to ready it for use.

1 Check that the location is appropriate for installation.

☞ "Suitable Installation Locations" on page 113

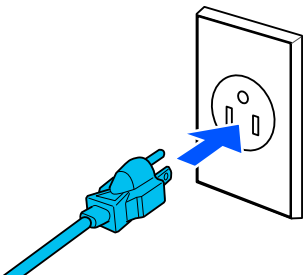
2 See the *Setup Guide* and perform the following procedures.

- ❏ Lock the casters
- ❏ Attach the waste ink bottle
- ❏ Level the printer
- ❏ Connect the computer communication cable

☞ *Setup Guide* (booklet)

If you do not have the *Setup Guide* on hand, you can check the Online Manual.

3 Plug the power plug into an outlet with a grounding (earth) connector, and then turn on the power.



Important:

The shape of the plug varies with the region or country of sale. Use the supplied power cable only.

4 Perform a **Print Head Nozzle Check** to check for clogged nozzles.

☞ "How to Print a Nozzle Check Pattern" on page 70

5 Execute **Print Adjustments** in the Settings menu.

☞ "Optimizing Media Settings (Automatic Adjustment)" on page 46

Transport

Before transporting the printer, contact your dealer or Epson Support.

Media Settings List for Each Media Type

The following table shows the media settings registered when a Media Type is selected.

Item	Media Type					
	Adhesive Vinyl	Banner	Film	Canvas	Textile	Paper/ Other
Pre-Heater Temperature	50°C/122°F	40°C/104°F	40°C/104°F	40°C/104°F	40°C/104°F	40°C/104°F
Platen Heater Temperature	40°C/104°F	40°C/104°F	40°C/104°F	40°C/104°F	40°C/104°F	40°C/104°F
After Heater Temperature	50°C/122°F	50°C/122°F	50°C/122°F	50°C/122°F	50°C/122°F	50°C/122°F
Drying Time per Pass	0 second	0 second	0 second	0 second	0 second	0 second
Proceed to Drying after Print	Off	Off	Off	Off	Off	Off
Drying Fan	On	On	On	On	On	On
Print Head Warm Up	Off	Off	Off	Off	Off	Off
Platen Gap	1.6	2.0	1.6	2.0	2.0	1.6
Feeding Tension	Lv2	Lv2	Lv2	Lv2	Lv4	Lv2
Paper Suction	Lv4	Lv4	Lv4	Lv4	Lv4	Lv4
Head Movement Range	Data Width	Data Width	Data Width	Data Width	Data Width	Data Width
Multi-Strike Printing	Off	Off	Off	Off	Off	Off
Media Feed Speed Limitation	Off	Off	Off	Off	Off	Off
Pressure Roller Load	Strong	Medium	Medium	Medium	Light	Strong
Skew Reduction	On	On	Off	On	On	On
Roll Winding Direction	Printable Side Out	Printable Side Out	Printable Side Out	Printable Side Out	Printable Side Out	Printable Side Out
Take-Up	Standard	Standard	Standard	Standard	Standard	Standard
Skip Wrinkled Media	Off	Off	Off	Off	Off	Off
Periodic Cleaning	Auto	Auto	Auto	Auto	Auto	Auto

System Requirements

Each software can be used in the following environments. (As of July, 2025)

The supported operating systems may change.

For the latest information, see the Epson Web site.

Epson Edge Dashboard

> ***Important:***
> *Make sure the computer on which the Epson Edge Dashboard is installed meets the following requirements.*
> *If these requirements are not met, the software cannot monitor the printer correctly.*
> ❏ *Disable your computer's hibernate function.*
> ❏ *Disable the sleep function so that the computer does not enter sleep status.*

Windows PC

Operating systems	Windows 11 Windows 10 x64
CPU	Multi-core processor (3.0 GHz or faster) Intel® Core™ i5 3.4 GHz or faster recommended
Free memory	4 GB or more
Hard disk (free space during installation)	2 GB or more
Display resolution	1280 x 1024 or better
Communication interface	High Speed USB Ethernet 1000Base-T
Browser	Microsoft Edge

Mac

Operating systems	Mac OS X 10.9.5 or later
CPU	Multi-core processor (3.0 GHz or faster) Intel® Core™ i5 3.4 GHz or faster recommended
Free memory	4 GB or more
Hard disk (free space during installation)	2 GB or more
Display resolution	1280 x 1024 or better

Communication interface	High Speed USB Ethernet 1000Base-T
Browser	Safari 6 or later

Epson Edge Print PRO

Minimum Operating Environment

Operating systems	Windows 11 Windows 10 x64
CPU	Intel® Core™ i3 3.0 GHz or faster (released after April 2014)
Free memory	8 GB or more
Hard disk (free space during installation)	50 GB or more
Display resolution	1280 x 1024 or better
Communication interface	High Speed USB Ethernet 100Base-TX/1000Base-T

The computer on which this software is installed is expected to be able to simultaneously use other applications, such as Adobe Illustrator. Therefore, we recommend using a computer with the highest specifications available.

In addition, the data that this software handles is normally several GB, and could reach several tens of GB for long high-quality print jobs.

Because of this, we recommend a computer that has sufficient available memory storage capacity.

The recommended environment for using this software is as follows.

Recommended environment

Operating systems	Windows 11 Windows 10 x64
CPU	Intel® Core™ i7-14700 processor or better
Free memory	32 GB or more
Storage (free space during installation)	SSD 1 TB or more
Display resolution	1280 x 1024 or better
Communication interface	Hi-Speed USB Gigabit Ethernet

Web Config

The following browsers are supported. Make sure you are using the latest version of the browser.

Appendix

Microsoft Edge, Firefox, Chrome, Safari

Specifications Table

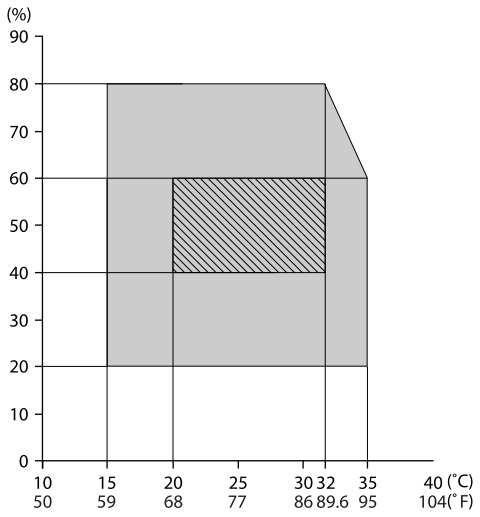
Printer Specifications	
Printing method	On-demand ink jet
Nozzle configuration	400 nozzles x 2 rows x 4 colors (Black, Yellow, Magenta, Cyan)
Resolution (maximum)	1200x1200dpi
Control code	ESC/P raster (undisclosed command)
Media feed method	Friction feed
Built-in memory	1GB
Interface	SuperSpeed USB*1 IEEE802.3u (100BASE-TX) IEEE802.3ab (1000BASE-T)*2 IEEE 802.3az (Energy-saving type. Requires that the connected device supports IEEE802.3az.)
Rated voltage (printer)	**SC-S7160:** AC200-240 V **Other models:** AC100-120 V / AC200-240 V
Rated voltage (Additional Print Drying System)	AC100-120 V / AC200-240 V
Rated frequency (printer, Additional Print Drying System)	50/60Hz
Rated current (printer)	**SC-S7160:** 10 A **Other models:** 12 A/10 A
Rated current (Additional Print Drying System)	1 A / 0.5 A
Power consumption (printer)	

Printer Specifications	
In use	Approx. 1100 W
Ready status	Approx. 520W
Sleep mode	Approx. 3.0W
Power off	Approx. 0.3 W
Power consumption (Additional Print Drying System)	
In use	Approx. 45 W
Ready status	Approx. 1.0 W
Sleep mode	Approx. 1.0 W
Power off	Approx. 0.3 W
Temperature and humidity (without condensation)	
In use	15 to 35 °C (59 to 95 °F), 20 to 80% Recommended: 20 to 32 °C (68 to 89.6 °F), 40 to 60%
In storage (Before unpacking)	-20 to 60 °C (-4 to 140 °F), 5 to 85% (Within 120 hours at 60 °C (140 °F), within a month at 40 °C (104 °F)
In storage (After unpacking)	-20 to 40 °C (-4 to 104 °F), 5 to 85% (Within a month at 40 °C (104 °F)

Temperature and humidity range

Gray area: Printing

Cross-hatch lines: Recommended



Dimension

Appendix

Printer Specifications	
Storage dimensions	(W) 2620 x (D) 989 x (H) 1338 mm (W) 103.14 x (D) 38.93 x (H) 54.64 in.
Maximum dimensions	(W) 2620 x (D) 1167 x (H) 1671 mm (W) 103.14 x (D) 45.94 x (H) 65.78 in.
Weight	Approx. 287kg*3 Approx. 632.73lb*3

*1 SuperSpeed USB is equivalent to USB 3.0

*2 Use a shielded twisted pair cable (category 5e or higher).

*3 Not including ink supply units.

Note:
For stable color printing, maintain a constant room temperature of 20 to 32 °C (68 to 89.6 °F).

Important:
Use the printer at an altitude of 2000 m (6562 ft.) or less.

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

Information of EU declaration of conformity

The full text of the EU declaration of conformity of this equipment is available at the following internet address.

https://www.epson.eu/conformity

ZICTA Type Approval for Users in Zambia

See the following website to check the information for ZICTA Type Approval.

https://support.epson.net/zicta/

Ink Specifications	
Type	Dedicated ink supply unit
Types of ink	Pigment ink (eco-solvent ink)
Use by date	Date printed on the ink supply unit (stored at normal temperatures)
Print quality guarantee expiry	One year (after installing in the printer)
Storage temperature	When packed and stored/when installed in the printer: -20 to 40 °C (-4 to 104 °F) (Within 4 days at -20 °C [-4 °F], within 1 month at 40 °C [104 °F]) When packed and transported: -20 to 60 °C (-4 to 140 °F) (Within 4 days at -20 °C [-4 °F], within 1 month at 40 °C [104 °F], within 72 hours at 60 °C [140 °F])
Dimensions (approx.)	117 (W) x 360 (D) x 30 (H) mm (4.6 [W] x 14.17 [D] x 1.18 [H] in.)
Capacity	800ml

Important Notes Regarding the Printer

Restrictions on Copying

Observe the following restrictions to ensure the responsible and legal use of the printer.

Copying of the following items is prohibited by law:

- ❏ Bank bills, coins, government-issued marketable securities, government bond securities, and municipal securities
- ❏ Unused postage stamps, pre-stamped postcards, and other official postal items bearing valid postage
- ❏ Government-issued revenue stamps, and securities issued according to legal procedure

Exercise caution when copying the following items:

- ❏ Private marketable securities (stock certificates, negotiable notes, checks, etc.), monthly passes, concession tickets, etc.
- ❏ Passports, driver's licenses, warrants of fitness, road passes, food stamps, tickets, etc.

> ***Note:***
> *Copying these items may also be prohibited by law.*
>
> *Responsible use of copyrighted materials:*
>
> *Printers can be misused by improperly copying copyrighted materials. Unless acting on the advice of a knowledgeable attorney, be responsible and respectful by obtaining the permission of the copyright holder before copying published material.*