ET-64L
ET-54L
ET-30L

User's Manual

Thank you very much for purchasing this product.

- To ensure correct and safe usage with a full understanding of this product's performance, please be sure to read through this manual completely.
- Unauthorized copying or transferal, in whole or in part, of this manual is prohibited.
- The specifications of this product and the contents of this operation manual are subject to change without notice.
- The operation manual and the product have been prepared and tested as much as possible. If you find any misprints or errors, please inform us.
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Contents

Introduction 2
Machine Overview 3
About the ET-64L/54L/30L Extension Table 3
Available Media and Blades 3
Required Work Space 3
Maximum Printing/Cutting Area 4

Setup of Media 5
Before Media Setup 6
Setting Up New Sheet Media 7
Step 1: Loading the Media on the Printer 7
Step 2: Configuring Media Settings and Registering Media 12
Setting Up Registered Sheet Media 15
Step 1: Loading the Media on the Printer 15
Step 2: Selecting the Media 20

Removing/Attaching the Extension Table 23
Removing the Extension Table 24
Reattaching to the Printer 27

Introduction

Machine Overview 3
About the ET-64L/54L/30L Extension Table 3
Available Media and Blades 3
Required Work Space 3
Maximum Printing/Cutting Area 4

Machine Overview

About the ET-64L/54L/30L Extension Table

This extension table is designed to be attached in front of and behind the printer's platen.

Ensuring a flat surface for feeding the media reduces lifting during printing and helps stabilize print quality on stiff sheet media.

For cautions on use and further details on how to use the printer, see the printer's User's Manual.

Compatible Models and User's Manuals

- LG-640/540/300：LG-640 User's Manual
- UG-642：UG-642 User's Manual
- MG2-640/300：MG2-640 User's Manual

Available Media and Blades

		ET-64L	ET-54L	ET-30L
Media	Weight	200 to 300 g/m² (Paperboard such as coated cardboard)		
	Thickness	Max. 1.0 mm (39.3 mil)		
	Width	335 to 1,591 mm (13.2 to 62.6 in.)	295 to 1,337 mm (11.62 to 52.6 in.)	182 to 728 mm (7.17 to 28.66 in.)
	Length	Max. 1,100 mm (43.3 in.)		
Blade		ZEC-U3050, ZEC-U3075		

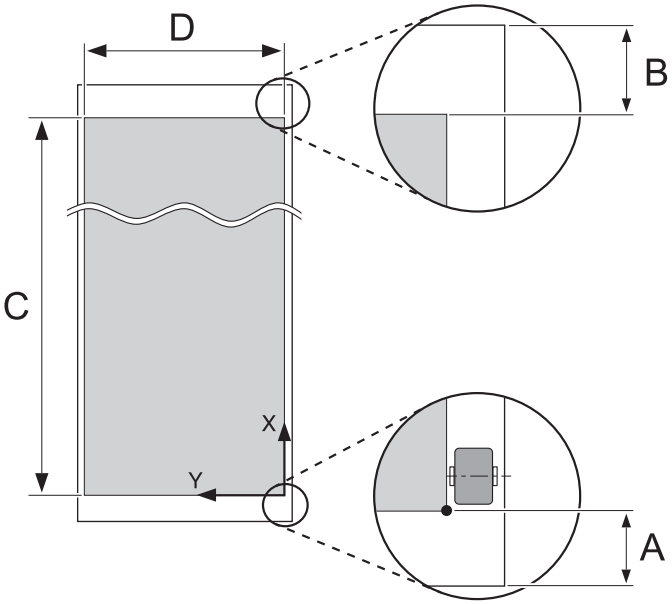
Required Work Space

Ensure enough work space for the media being used is available in front of and behind the printer.

Remove any items in the work space that may obstruct the feeding of the media.

Maximum Printing/Cutting Area

The printing or cutting area along the horizontal plane (the direction in which the carriages move) is determined by the position of the pinch rollers.



A	107 mm (4.21 in.)
B	LG-640/540/300 and UG-642：183 mm (7.21 in.) MG2-640/300：160 mm (6.29 in.)
C	LG-640/540/300 and UG-642：Max. 810 mm (31.8 in.) MG2-640/300：Max. 833 mm (32.7 in.)
D	ET-64L: Max. 1,566 mm (61.65 in.) ET-54L: Max. 1,312 mm (51.65 in.) ET-30L: Max. 703 mm (27.67 in.)

Setup of Media

Before Media Setup 6
Setting Up New Sheet Media 7
Step 1: Loading the Media on the Printer 7
Step 2: Configuring Media Settings and Registering Media 12
Setting Up Registered Sheet Media 15
Step 1: Loading the Media on the Printer 15
Step 2: Selecting the Media 20

Before Media Setup

The process of loading media in the printer and preparing the printer for printing on the media (including setting the printing area) is called "Setup."

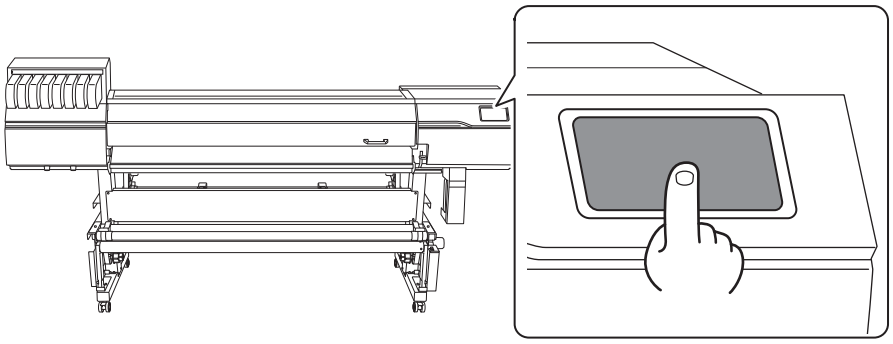
- When the extension table is attached, only sheet media can be used. The extension table must be removed to use roll media.
- Always use media clamps when loading the media.
- Folded media that cannot pass through the extension table or media whose folds cannot be eliminated even by using media clamps cannot be used.
- Detection of the length of the media in the feed direction (Media Edge Detection) is not possible with the extension table attached. Enter the media length during setup.

Setting Up New Sheet Media

Step 1: Loading the Media on the Printer

Procedure

1. **Tap the operation panel.**

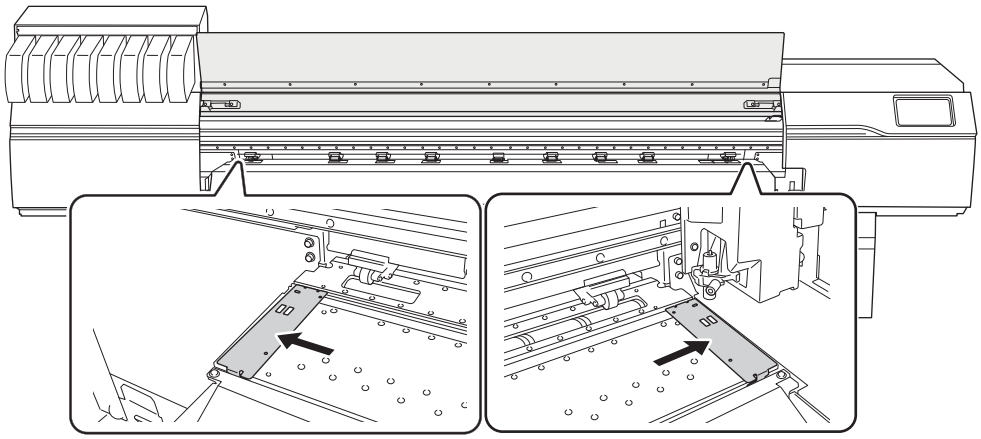


2. **When instructions appear on the screen, tap the operation panel again.**

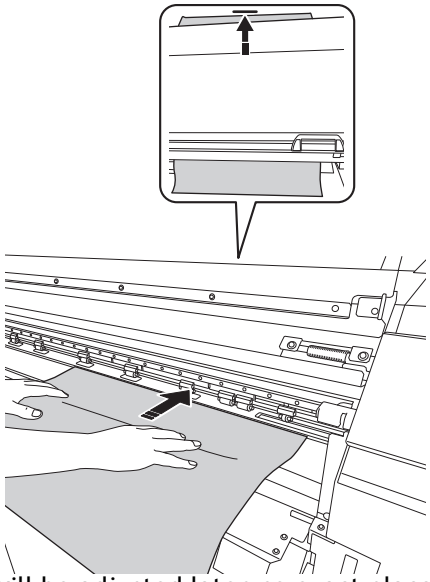
The machine sub power is switched on.

3. **Open the front cover.**

4. **Move the media clamps to the outside of the grit rollers on the left and right edges respectively.**



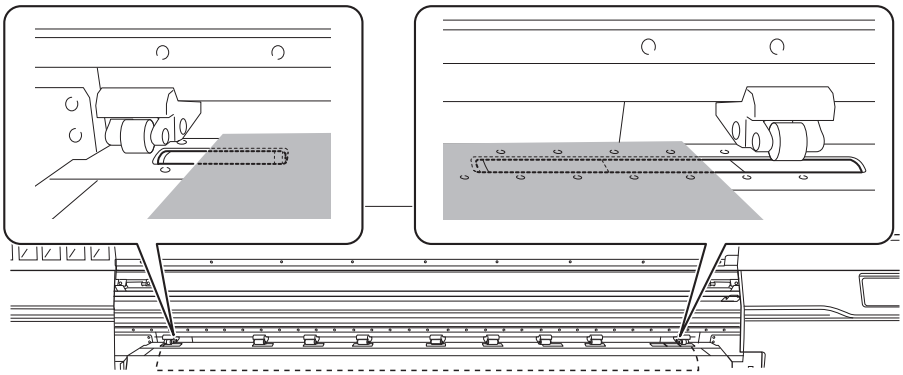
5. **Pass the leading edge of the media between the pinch rollers and the grit rollers, and feed the media until the center of the media length is near the top of the grit rollers.**



The media placement location will be adjusted later, so exact placement is not necessary. Feed the media to a location where it will not fall when your hand is removed.

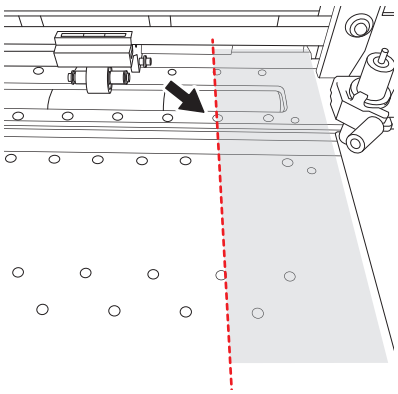
6. **Slide the media sideways and place both the left and right edges on the grit rollers.**

Be sure to place the right edge of the media on the right-end grit roller.



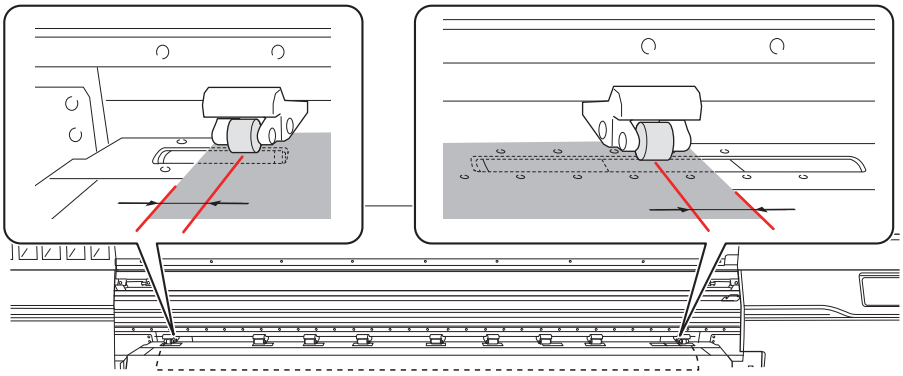
IMPORTANT

Do not place the media in the area marked in the figure (to the right of the screw holes indicated by arrows).



7. **Move the left and right pinch rollers so that they are above the grit rollers on which the media is located.**

Position them approximately 10 mm (0.39 in.) from each edge of the media.



IMPORTANT

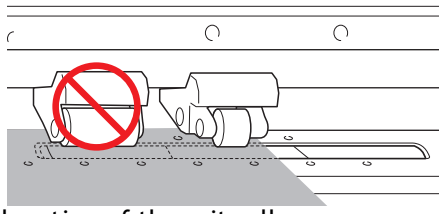
Be sure to use the left and right pinch rollers. The force with which the media is pinched varies between the middle pinch rollers and the left and right pinch rollers. Using the middle pinch rollers to pinch the media edges will lead to unstable media feeding.

MEMO

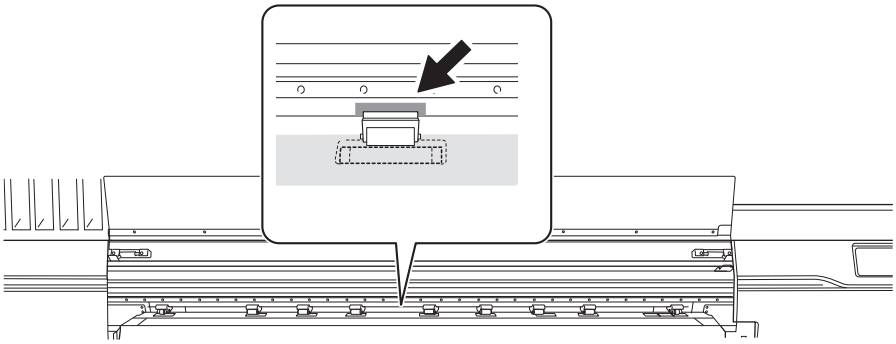
To smoothly move the pinch rollers, push down close to the rail.

8. **Move the middle pinch rollers used for feeding the media (gripping the media) over the grit rollers.**

Do not place the middle pinch roller on the rightmost of the three grit rollers.

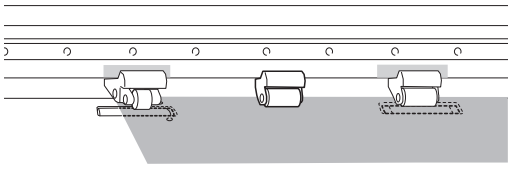


Check the grit patterns for the location of the grit rollers.

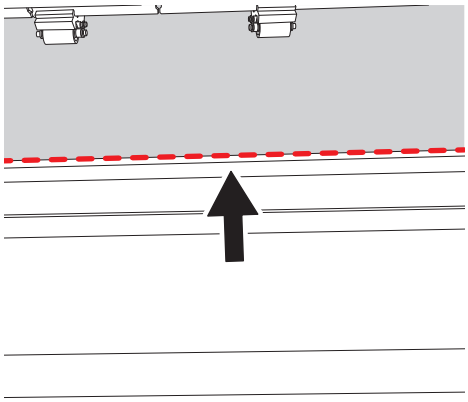


9. **Move the other middle pinch rollers to positions where no grit patterns are present.**

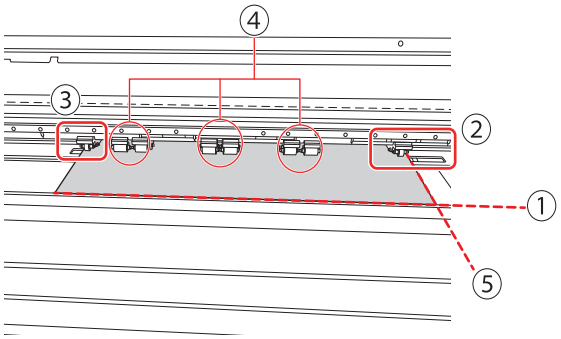
Where no grit patterns are present, the middle pinch rollers will not come down.



10. **Feed the media to the back, and align the front edge with the position shown in the figure.**



11. **Check and adjust the media position and angle as necessary.**

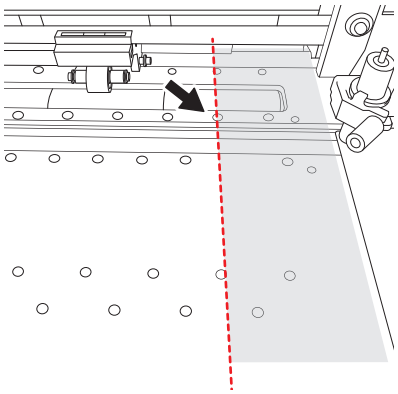


①: Align the front edge of the media to the position shown in the figure.

②: Move the right edge of the media above the rightmost of the three grit rollers, and move the pinch rollers about 10 mm (0.39 in.) inside from the edge of the media.

IMPORTANT

Do not place the media in the area marked in the figure (to the right of the screw holes indicated by arrows).

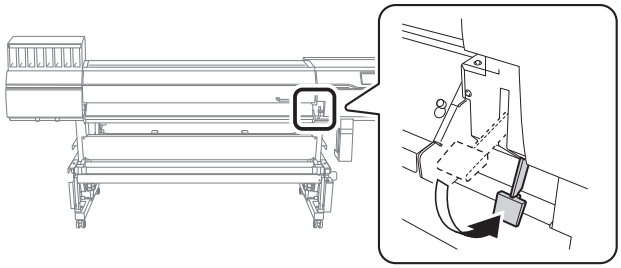


③: Move the left edge of the media above the grit rollers, and move the pinch rollers about 10 mm (0.39 in.) inside from the edge of the media.

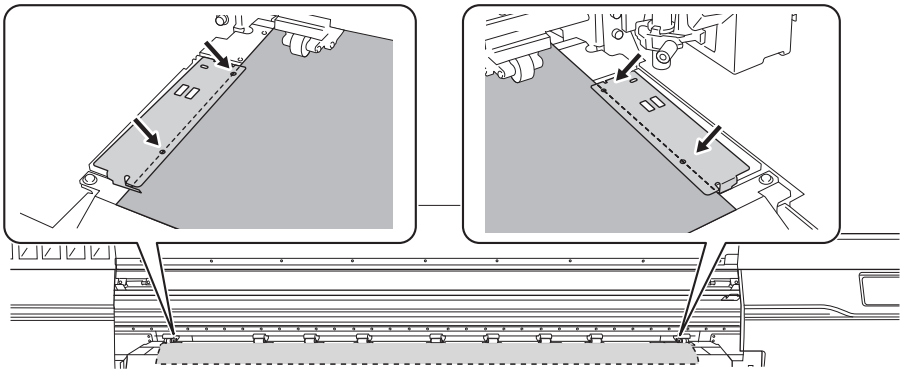
④: Move the middle pinch rollers used for feeding the media (gripping the media) to where the grit patterns are present, and move the other middle pinch rollers to where there are no grit patterns present.

⑤: Place the media parallel with the feed direction so that the media is not fed at an angle.

12. **Lower the loading lever (front).**



13. Line up the edges of the media with the centers of the holes of the left and right media clamps.



14. Close the front cover.

Step 2: Configuring Media Settings and Registering Media

To print on the desired media using the printer, basic settings appropriate for printing on the media must be configured and registered (saved). The settings must be registered when using the media for the first time. The basic settings must be configured according to the printer (machine being used for printing) and the media (media being printed on), and if either of these changes, the settings must be reconfigured.

To use registered media, select the desired media from the list of available media. For details on setting up the media, see "Setting Up Registered Sheet Media." Load the saved setting information and configure the printer settings.

P. 15 Setting Up Registered Sheet Media

Procedure

1. **Tap [Setup].**
2. **Select [New].**
3. **Tap [Next].**
4. **Enter a new media name and tap [OK].**
5. **Tap [Next].**
6. **Enter the length of the loaded media, and tap [OK].**
7. **Tap [Start Setup].**

   The cutting carriage moves and detects the width of the media and the positions of the media clamps. This operation is called initialization.
8. **When [The media could not be detected automatically. Manually set the printing area.] appears, use the following procedure to configure the settings.**

   MEMO

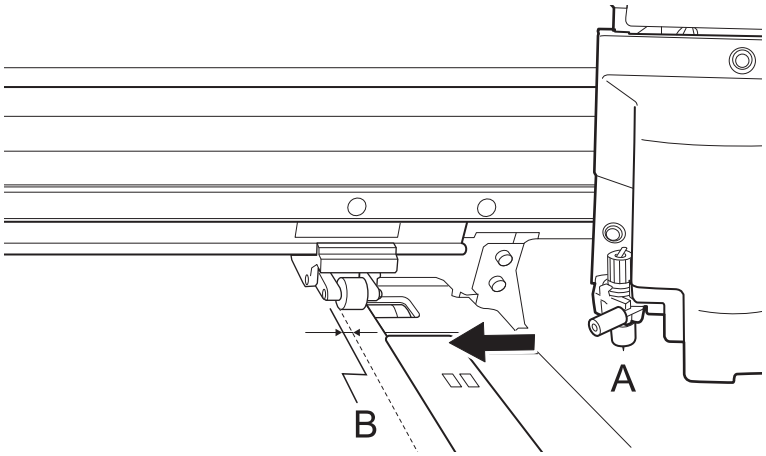
   This message may appear when media with high reflectance is set up.

   (1) **Tap [OK].**

   (2) **Tap [Change].**

   The **[Set the right edge of the printing area within the area specified by the pinch rollers.]** window appears.

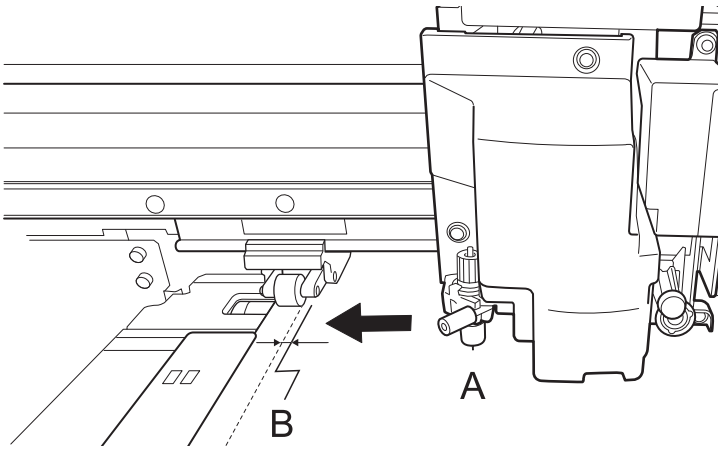
   (3) **Hold down ‹ or › to move the center of the blade (A) approximately 2 mm (0.08 in.) to the inside (B) from the left edge of the right pinch roller.**



(4) **Tap [OK].**

The [**Set the left edge of the printing area within the area specified by the pinch rollers.**] window appears.

(5) **Hold down ‹ or › to move the center of the blade (A) approximately 2 mm (0.08 in.) to the inside (B) from the right edge of the left pinch roller.**



(6) **Tap [OK].**

The set left and right positions are applied to the [**Printing Area (Width)**].

(7) **Tap [OK].**

9. **On the [Select Media Output Type] screen, select the output type and tap [Next].**

- [**Print Only/Print & Cut**]

  Proceed to step 10.

- [**Cut Only**]

  Switch to the [**Multi Sensor Adjustment**] screen. When automatic adjustment is finished, tap [**OK**]. This completes the settings for [**Cut Only**].

  Refer to the user's manual of the printer you are using if adjustment fails.

10. **Use the [Print Head Height] screen to adjust the print head height.**

- If this is not necessary, tap [**Next**].
- Follow the procedure below to make adjustments.
  a. Tap [**Change**]
  b. Open the front cover.
  c. Move the height-adjustment lever to adjust the head height.

d. Close the front cover.

e. Tap [**OK**].

f. Tap [**Next**].

Refer to the user's manual of the printer you are using for more information.

11. **On the [Nozzle Drop-out Test] screen, configure the [Printing Test] and [Output Start Location] settings.**

- If this is not necessary, tap [**Next**].
- To perform a [**Printing Test**], tap [**Printing Test**]>[**Execute**]. Refer to the user's manual of the printer you are using for information on what to do after the printing test.

12. **On the [Select Media Adjustment Method] screen, select the adjustment method.**

Here, the media feed correction for reducing horizontal bands and the correction of the landing position of the ink will be adjusted.

MEMO

[**Simple Correction (Auto)**] is the recommended adjustment. You can determine the correction values with [**Detailed Correction (Manual)**].

- **Follow the procedure below to make automatic adjustments.**
  a. Tap [**Simple Correction (Auto)**]>[**Next**].
  b. Tap [**Execute**] on the [**Batch Automatic Correction**] screen.

     On successful completion of automatic adjustment, the home screen appears. This completes the settings.

     Refer to the user's manual of the printer you are using for more information.
- **Follow the procedure below to make manual adjustments.**
  a. Tap [**Detailed Correction (Manual)**]>[**Next**].
  b. Tap [**Execute**] on the [**Multi Sensor Adjustment**] screen.

     Adjust the reading sensor to the optimal condition. Refer to the user's manual of the printer you are using if adjustment fails.
  c. Tap [**Next**].
  d. Perform a printing test on the [**Detailed Feed Correction (Manual)**] screen.

     Set the correction values from the printing test result. Refer to the user's manual of the printer you are using for more information.
  e. Tap [**Save and Proceed**].
  f. Perform a printing test on the [**Detailed Media Gap Adjustment (Manual)**] screen.

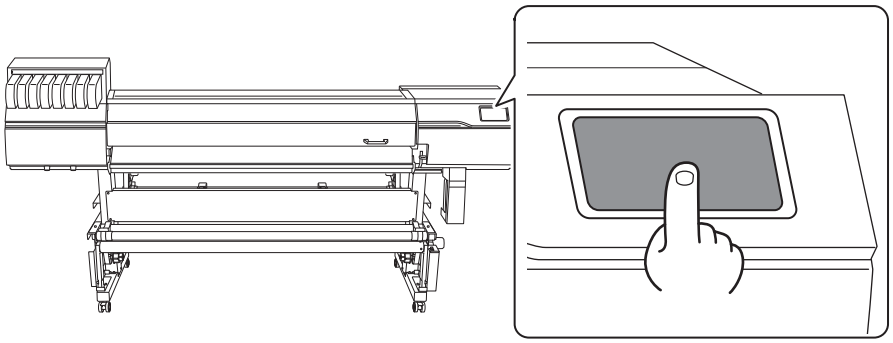
     Set the correction values from the printing test result. Refer to the user's manual of the printer you are using for more information.
  g. Tap [**Save and Exit**].

Setting Up Registered Sheet Media

Step 1: Loading the Media on the Printer

Procedure

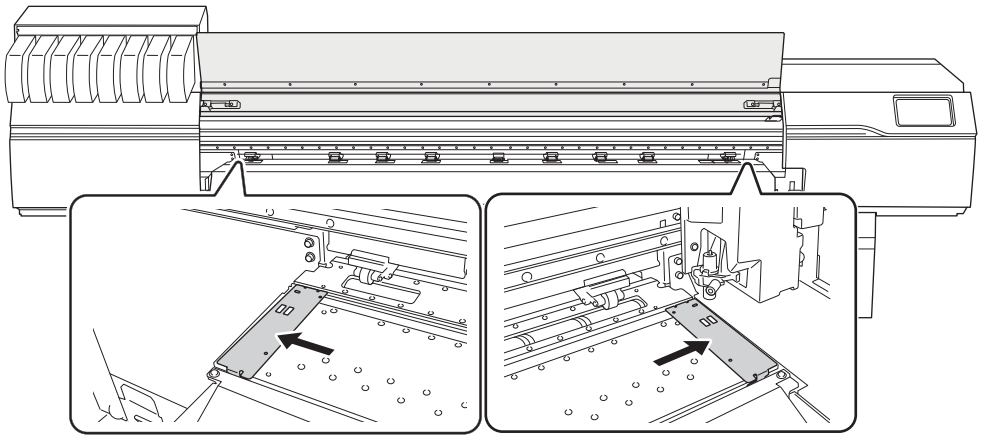
1. **Tap the operation panel.**



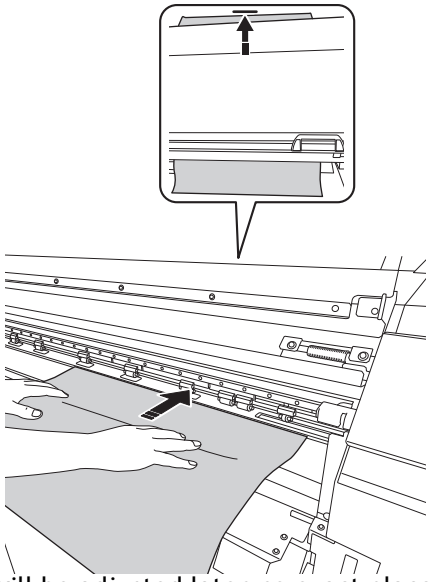
2. **When instructions appear on the screen, tap the operation panel again.**
   The machine sub power is switched on.

3. **Open the front cover.**

4. **Move the media clamps to the outside of the grit rollers on the left and right edges respectively.**



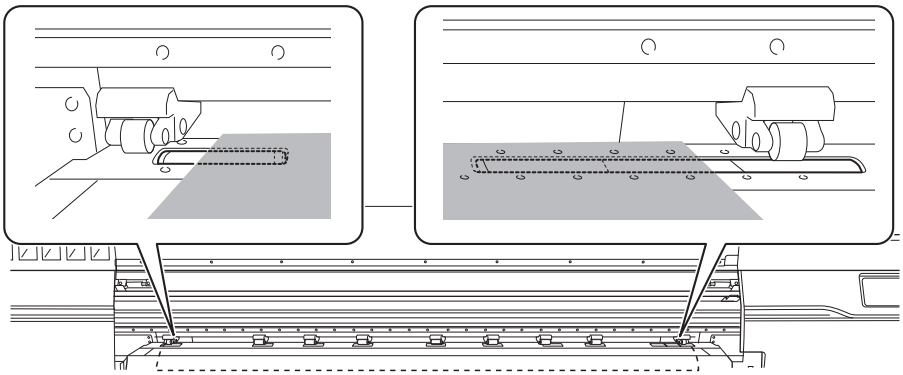
5. **Pass the leading edge of the media between the pinch rollers and the grit rollers, and feed the media until the center of the media length is near the top of the grit rollers.**



The media placement location will be adjusted later, so exact placement is not necessary. Feed the media to a location where it will not fall when your hand is removed.

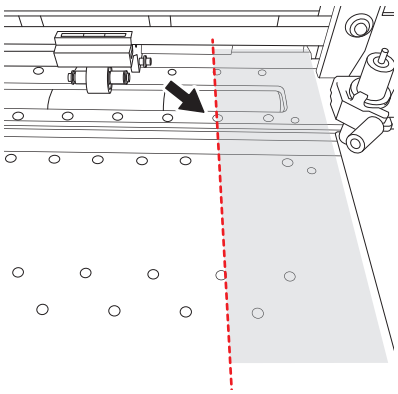
6. **Slide the media sideways and place both the left and right edges on the grit rollers.**

Be sure to place the right edge of the media on the right-end grit roller.



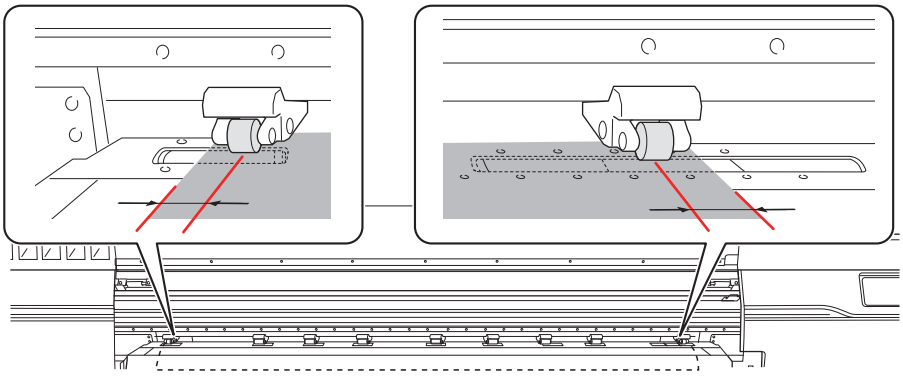
IMPORTANT

Do not place the media in the area marked in the figure (to the right of the screw holes indicated by arrows).



7. **Move the left and right pinch rollers so that they are above the grit rollers on which the media is located.**

Position them approximately 10 mm (0.39 in.) from each edge of the media.



IMPORTANT

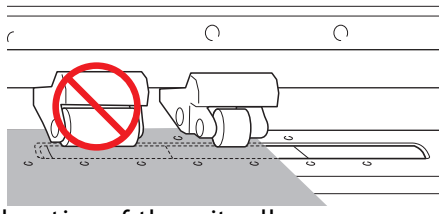
Be sure to use the left and right pinch rollers. The force with which the media is pinched varies between the middle pinch rollers and the left and right pinch rollers. Using the middle pinch rollers to pinch the media edges will lead to unstable media feeding.

MEMO

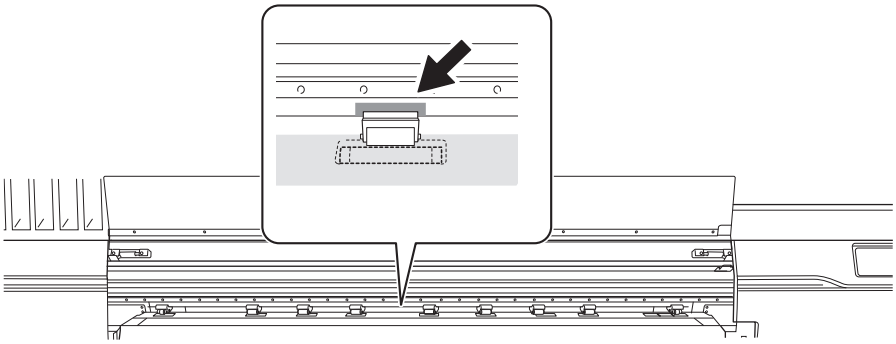
To smoothly move the pinch rollers, push down close to the rail.

8. **Move the middle pinch rollers used for feeding the media (gripping the media) over the grit rollers.**

Do not place the middle pinch roller on the rightmost of the three grit rollers.

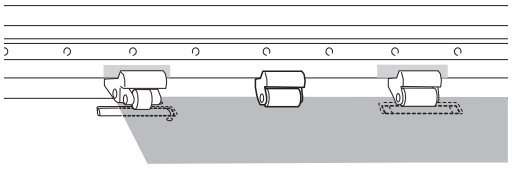


Check the grit patterns for the location of the grit rollers.

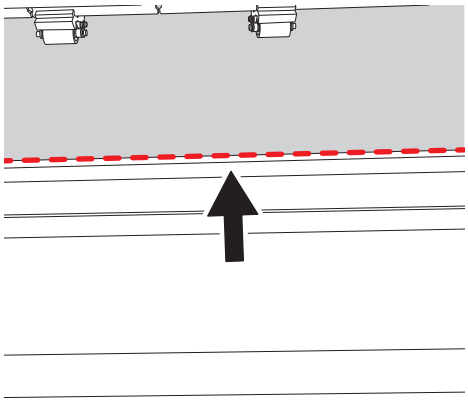


9. **Move the other middle pinch rollers to positions where no grit patterns are present.**

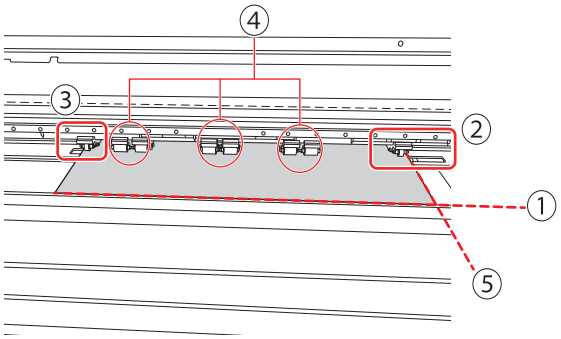
Where no grit patterns are present, the middle pinch rollers will not come down.



10. **Feed the media to the back, and align the front edge with the position shown in the figure.**



11. **Check and adjust the media position and angle as necessary.**

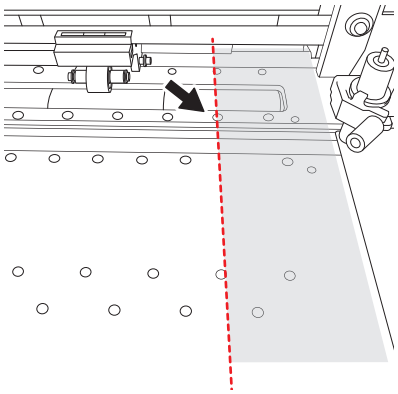


①: Align the front edge of the media to the position shown in the figure.

②: Move the right edge of the media above the rightmost of the three grit rollers, and move the pinch rollers about 10 mm (0.39 in.) inside from the edge of the media.

IMPORTANT

Do not place the media in the area marked in the figure (to the right of the screw holes indicated by arrows).

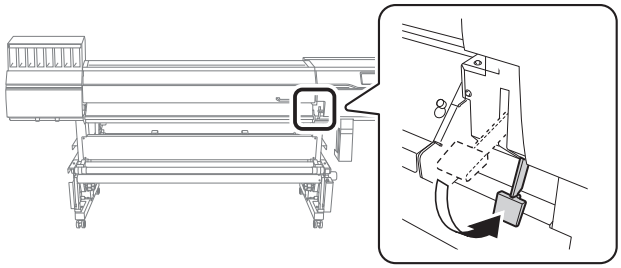


③: Move the left edge of the media above the grit rollers, and move the pinch rollers about 10 mm (0.39 in.) inside from the edge of the media.

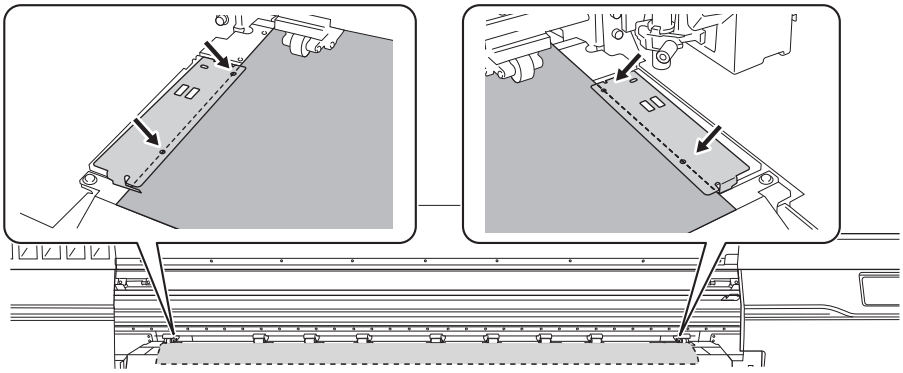
④: Move the middle pinch rollers used for feeding the media (gripping the media) to where the grit patterns are present, and move the other middle pinch rollers to where there are no grit patterns present.

⑤: Place the media parallel with the feed direction so that the media is not fed at an angle.

12. **Lower the loading lever (front).**



13. Line up the edges of the media with the centers of the holes of the left and right media clamps.



14. Close the front cover.

Step 2: Selecting the Media

To use registered media, select the desired media from the list of available media. To use unregistered media, see Setting Up New Sheet Media(P. 7).

Procedure

1. **Tap [Setup].**

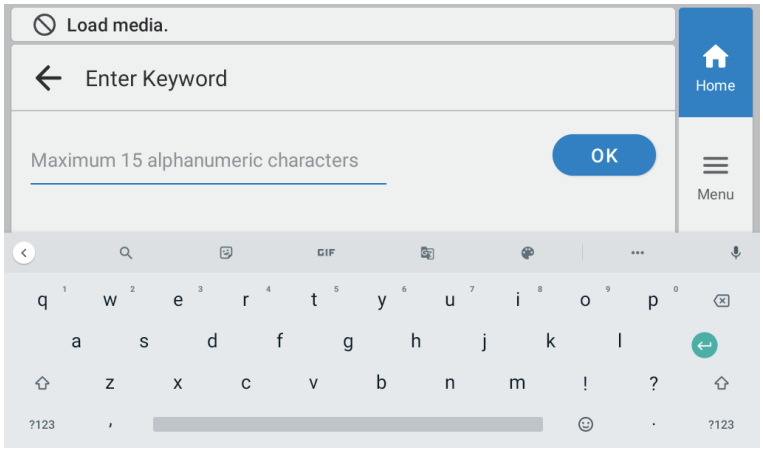
   The registered media is displayed in a list.

2. **Select the media name to use.**

MEMO

You can search for media in the media list by keyword and register media as favorites. The media list can also be set to show only media registered as favorites. Keyword searching and favorites registration can be used at the same time.

- **Searching for keywords in the media list**
  1. Tap .
  2. Enter the media to search for.
     Searching for partial matches instead of exact matches is also possible.



  3. Tap [OK].
     Media filtered according to the keywords will be displayed.
  4. Select the media to use from the search results.
- **Registering media to favorites and showing only media registered as favorites**

  Tap ☆ for the media to register it to favorites.

  The icon for the favorited media will be displayed as ★.

  To show only media registered as favorites, tap the icon indicated below.



To reset the keyword search or favorites registration, tap .

When using both the keyword search and favorites registration, each function can also be reset individually.

To reset the keyword search, tap to delete the keyword.

To reset the favorites registration, tap for the media you want to reset.

3. **Tap [Next].**

4. **Enter the length of the loaded media, and tap [OK].**

5. **Tap [Start Setup].**

The cutting carriage moves and detects the width of the media and the positions of the media clamps. This operation is called initialization.

6. **When [Printing Area (Width)] screen appears, use the following procedure to configure the settings.**

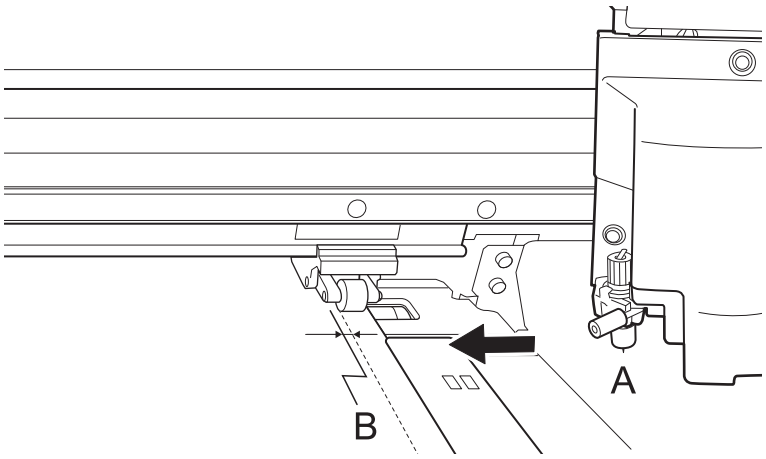
MEMO

The media selected in step 2 is media whose printing area was set manually when registered as new media. The printing area must be set manually each time, so the [**Printing Area (Width)**] screen appears.

(1) **Tap [Change].**

The [**Set the right edge of the printing area within the area specified by the pinch rollers.**] window appears.

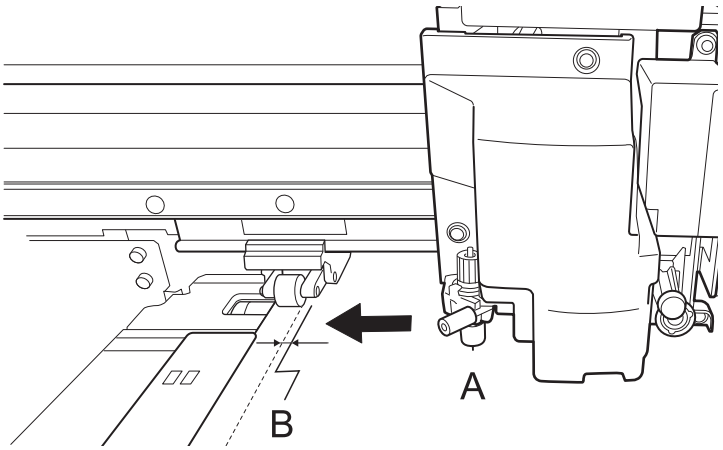
(2) **Hold down ‹ or › to move the center of the blade (A) approximately 2 mm (0.08 in.) to the inside (B) from the left edge of the right pinch roller.**



(3) **Tap [OK].**

The [**Set the left edge of the printing area within the area specified by the pinch rollers.**] window appears.

(4) **Hold down ‹ or › to move the center of the blade (A) approximately 2 mm (0.08 in.) to the inside (B) from the right edge of the left pinch roller.**



(5) **Tap [OK].**

The set left and right positions are applied to the [**Printing Area (Width)**].

(6) **Tap [OK].**

Removing/Attaching the Extension Table

Removing the Extension Table 24
Reattaching to the Printer 27

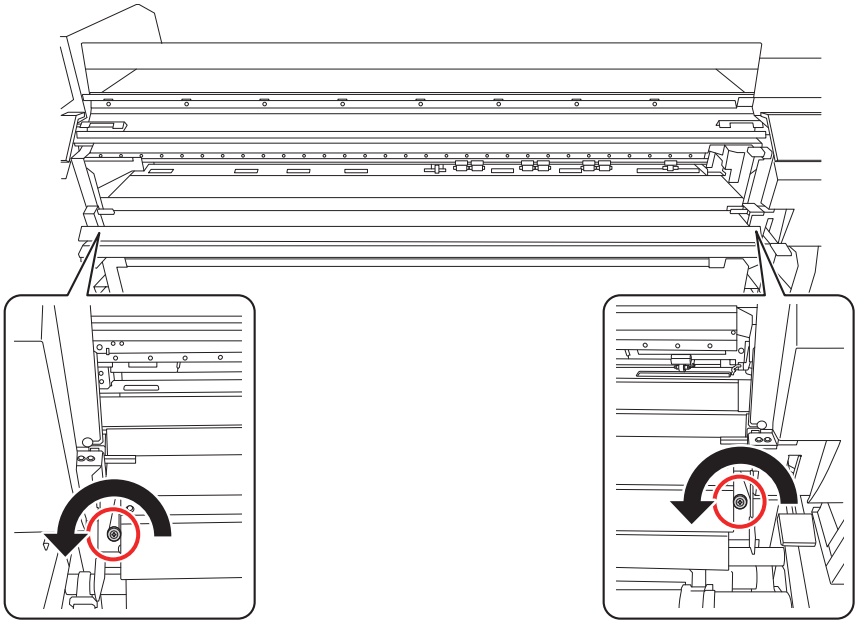
Removing the Extension Table

Procedure

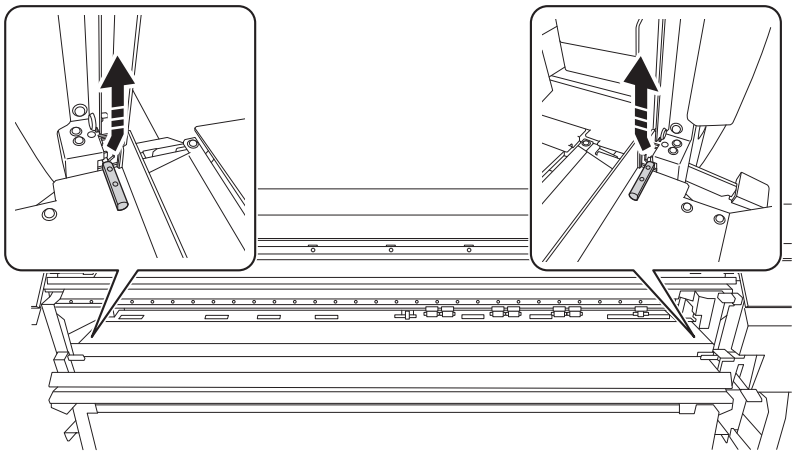
1. **Turn on the sub power if it is off.**

2. **Open the front cover.**
   If the media has not been removed, remove it now.

3. **Remove the screws (two locations) to remove the extension table (front side).**

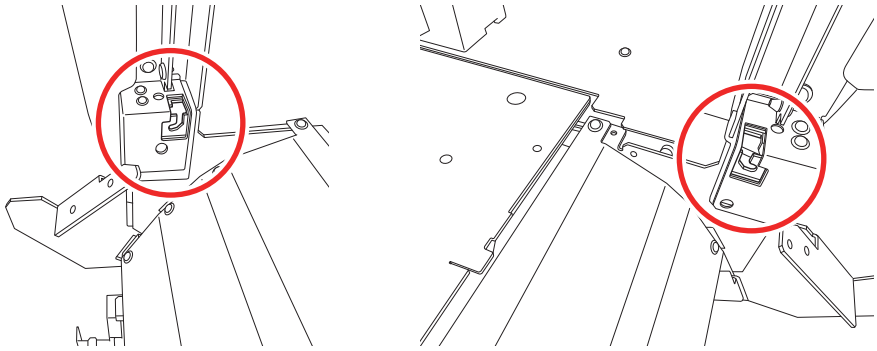


Lift the extension table and pull out the left and right pins from the slits.

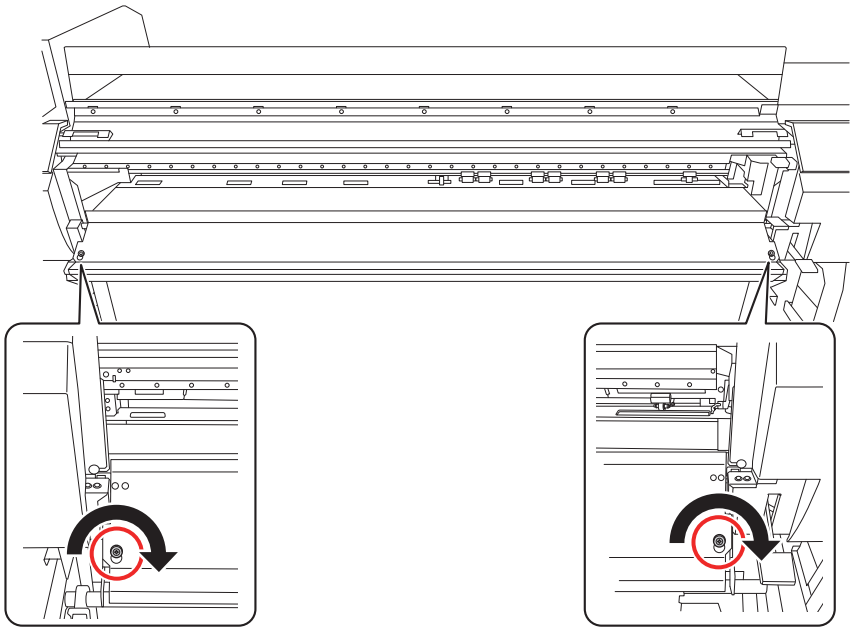


The two removed screws will be used later to secure the front UV shield.

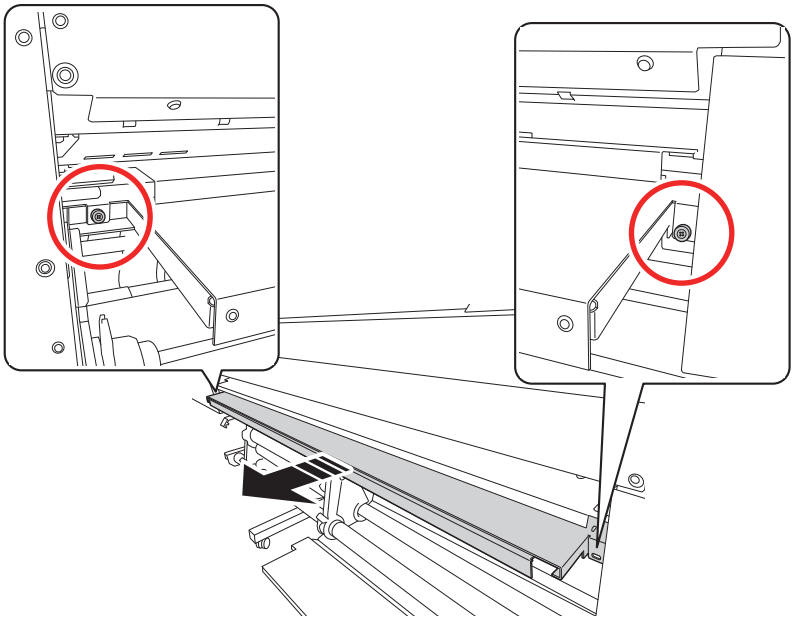
4. **Attach the front UV shield.**
   Insert the left and right front UV shield pins into the slits indicated in the figures.



5. Attach the screws (in two locations) and secure the front UV shield.



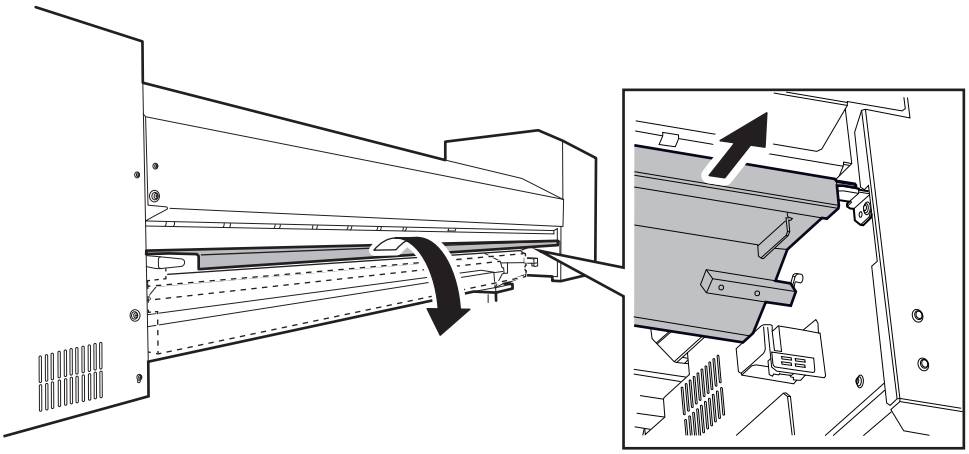
6. Remove the screws (two locations) securing the extension table (back side) on the back of the printer, and pull the extension table toward you.



IMPORTANT

Store the two screws carefully so that you do not lose them. The screws will be needed when reattaching the extension table (back side).

7. **Close the rear UV shield.**



8. **Set [Extension Table] to [Disable].**

(1) **Tap** ☰ **on the printer's operation panel.**

(2) **Tap [Preferences]>[Extension Table].**

(3) **Tap and select [Disable], and then tap [Save].**

(4) **Tap** ⌂**.**

You are returned to the home screen.

Reattaching to the Printer

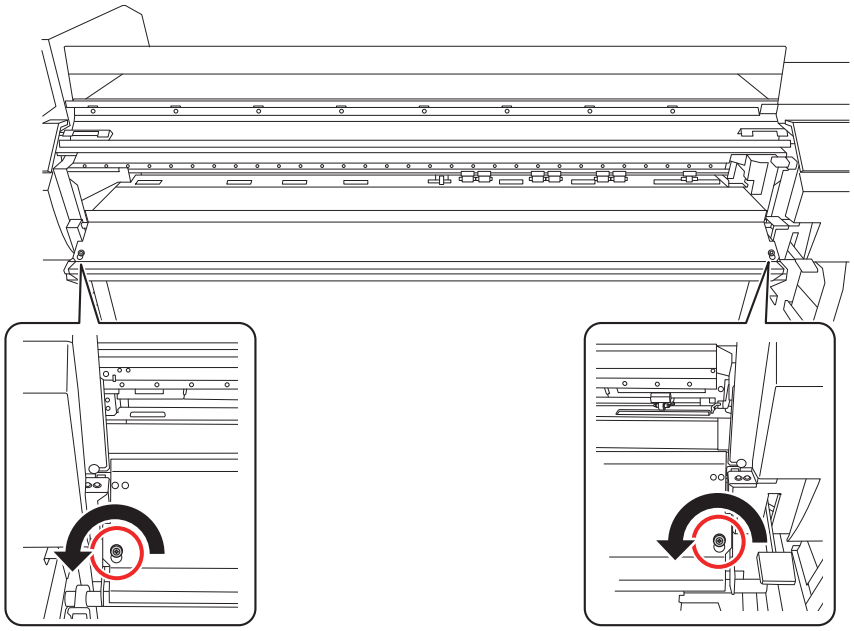
Remove the front UV shield to attach the extension table.

Procedure

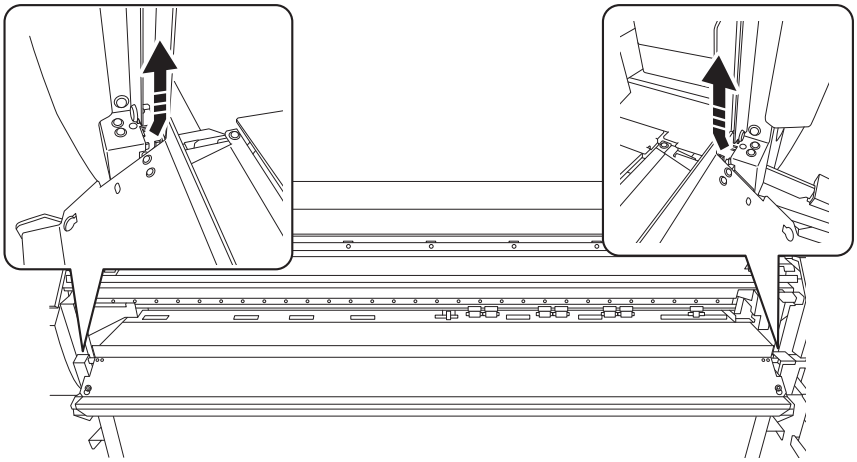
1. **Turn on the sub power if it is off.**

2. **Open the front cover.**
   If the media has not been removed, remove it now.

3. **Remove the screws (in two locations), and then remove the front UV shield.**

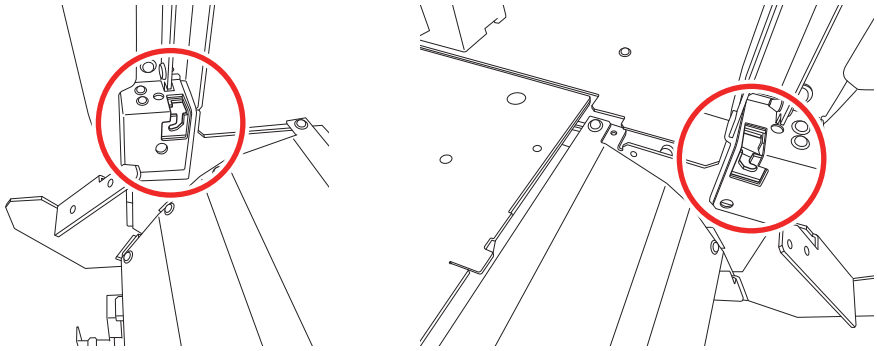


Lift the front UV shield and pull out the left and right pins from the slits.

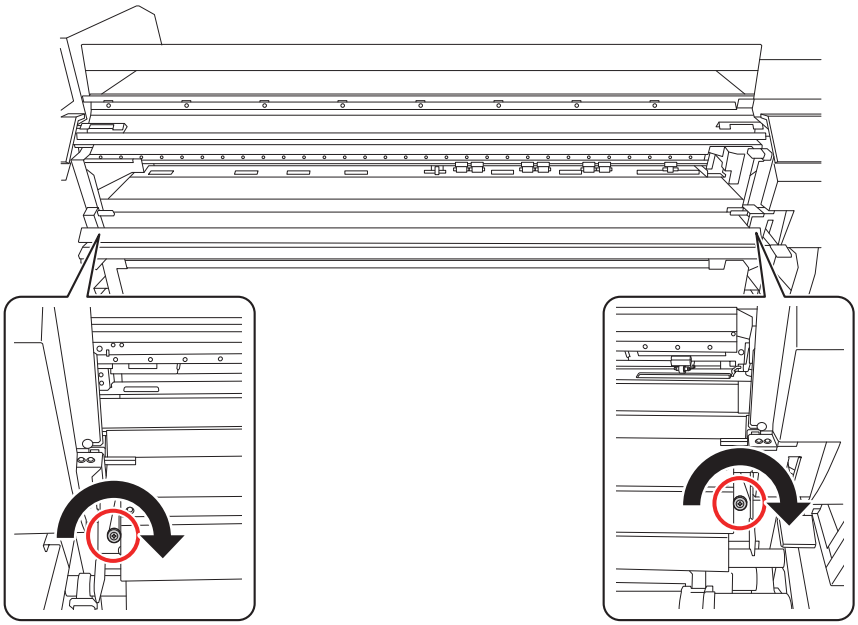


The two removed screws will be used later to secure the extension table (front side).

4. **Attach the (front) extension table.**
   Insert the left and right extension table pins into the slits indicated in the figures.



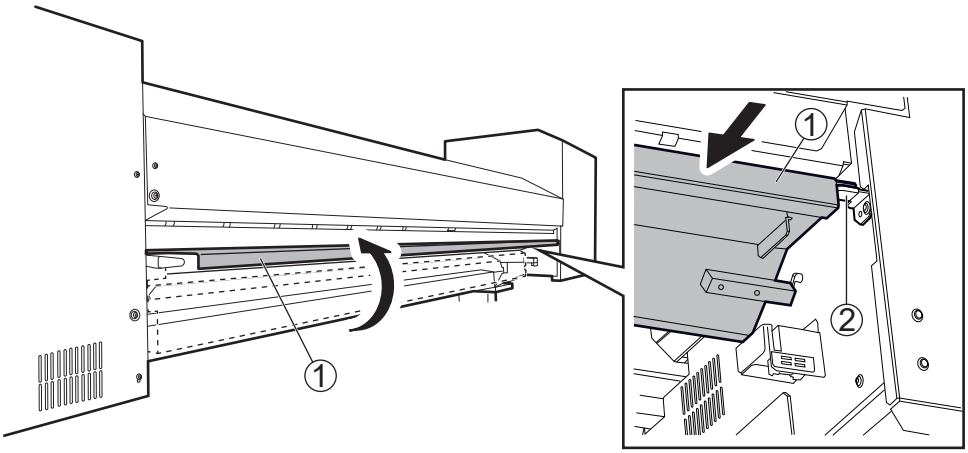
5. **Attach the screws (two locations) to secure the extension table (front side).**



6. **Open the rear UV shield on the back of the printer.**

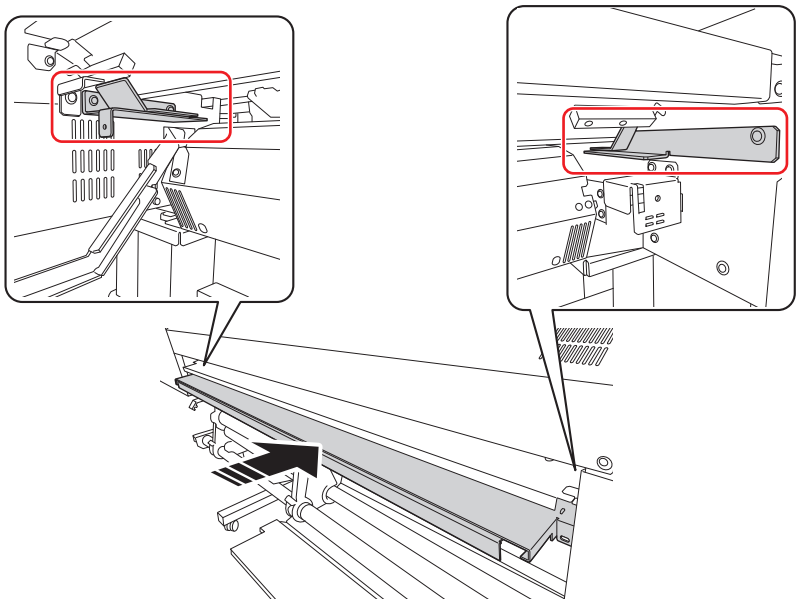
a. Open the rear UV shield (①).

b. Push the rear UV shield to the front of the machine, and then place this shield on the left and right stoppers (②).



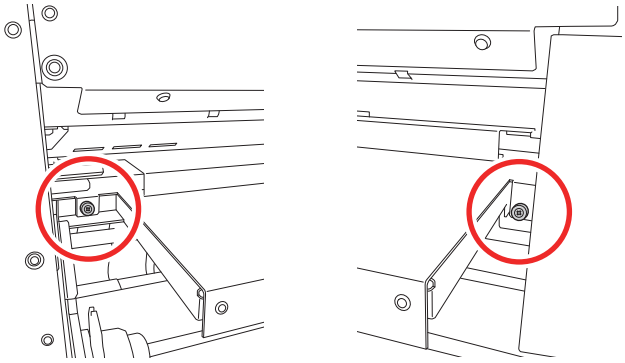
7. **Insert the (back) extension table.**

Slide the table over the guides indicated in the figure and insert as far as it will go.



8. **Attach the screws (two locations) to secure the extension table (back side).**

Use the screws removed when removing the back extension table.



9. **Set [Extension Table] to [Enable].**

(1) **Tap ☰ on the printer's operation panel.**

(2) **Tap [Preferences]>[Extension Table].**

(3) **Tap and select [Enable], and then tap [Save].**

(4) **Tap ⌂.**

You are returned to the home screen.


Roland