ASF1-30

AUTO SHEET FEEDER

USER'S MANUAL

MANUAL NO.ASF130-UM-153



GRAPHTEC

Preface

Thank you for choosing a Graphtec ASF1-30.
The ASF1-30 is a media feeder that can be attached to the CE8000-40.
By using the ASF1-30, the CE8000-40 can cut multiple media continuously.
To ensure high cutting quality and optimal productivity, be sure to read this User's Manual thoroughly prior to use.

Notes on this Manual

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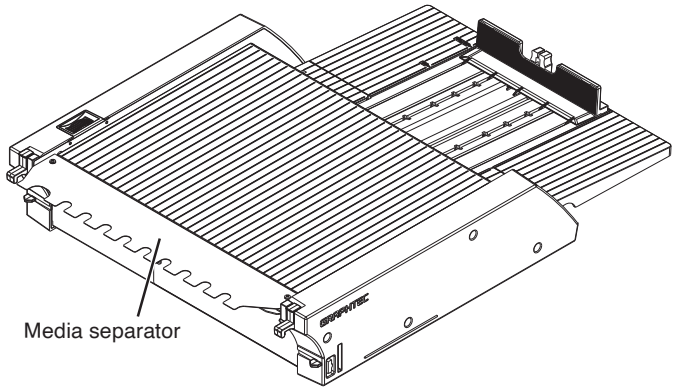
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After Turning on the Plotter

During operation, various settings, and immediately after completion of operation, the tool carriage for CE8000-40, and the loaded media, may move suddenly. Do not let your hands, hair, or clothing get too close to the moving parts or within their range of movement. Do not place any foreign objects in or near these areas either. If your hands, hair, clothing, or the like get caught in, or wrapped around moving parts, you may be injured and the machine may be damaged.

Precautions for handling

The media separator is easily deformed, so be careful not to apply strong force to it or hit it.
Deformation of the media separator can cause malfunctions.



Notes on the specifications and accessories

Specifications and accessories depend on the sales area. For details, please contact your dealer.

WARNING

The United States Federal Communications Commission has specified that the following notice must be brought to the attention of users of this product.

FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

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

USE SHIELDED CABLES

To comply with FCC Class A requirements, all external data interface cables and connectors must be properly shielded and grounded. Proper cables and connectors are available from GRAPHTEC's authorized dealers or manufacturers of computers or peripherals. GRAPHTEC is not responsible for any interference caused by using cables and connectors other than those recommended or by unauthorized changes or modifications to this equipment. Unauthorized changes or modifications could void the user's authority to operate the equipment.

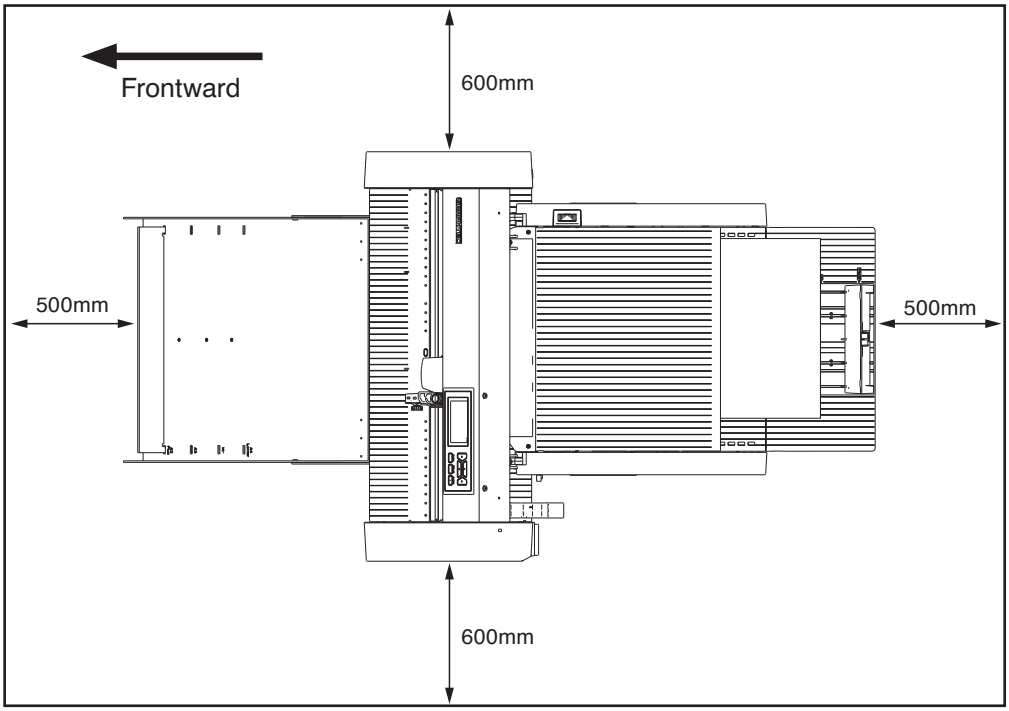
Installation space

Please secure a space for installation as according to the below illustration.

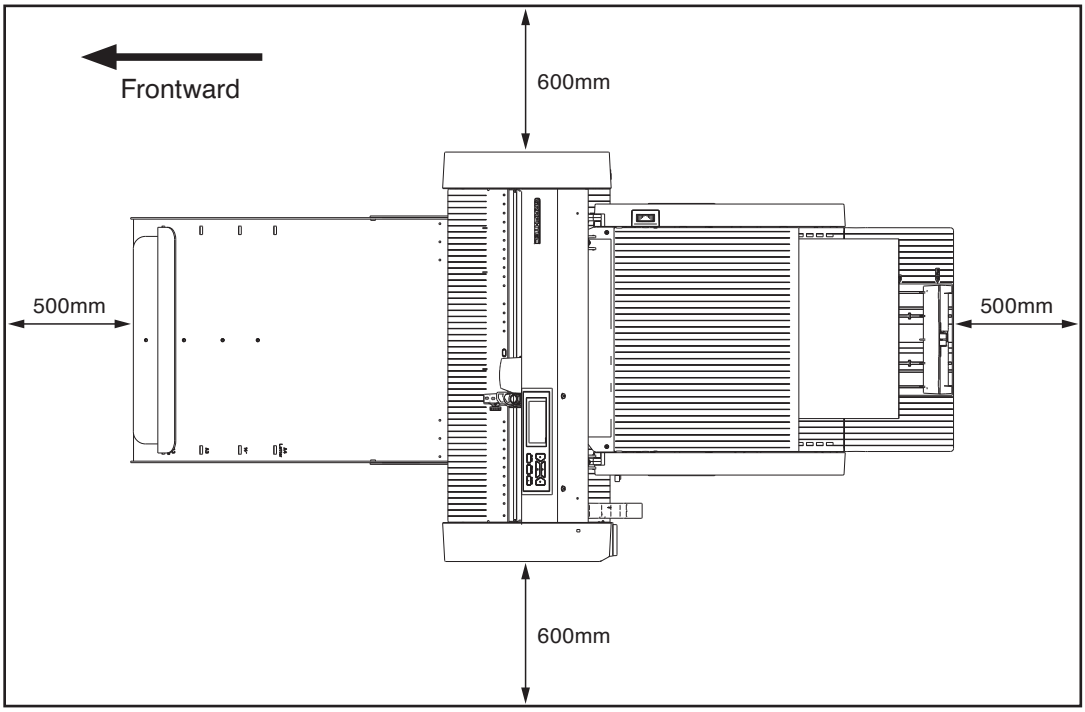
Supplement

Frontward and backward the machine, please take enough space for operation.

<For 45-degree specifications>

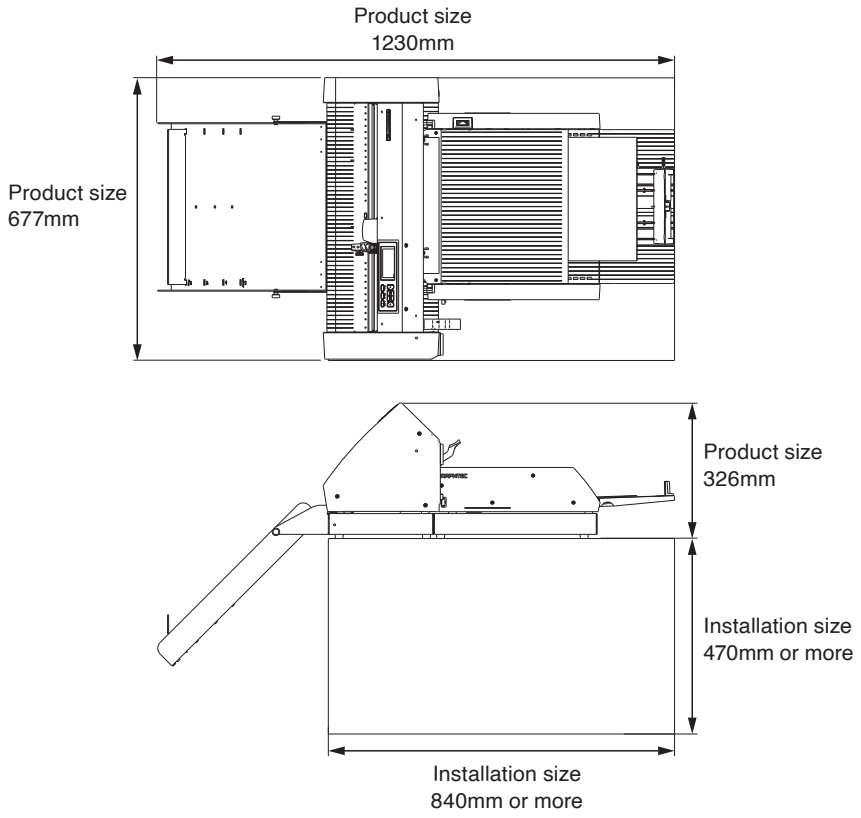


<For tabletop specifications>

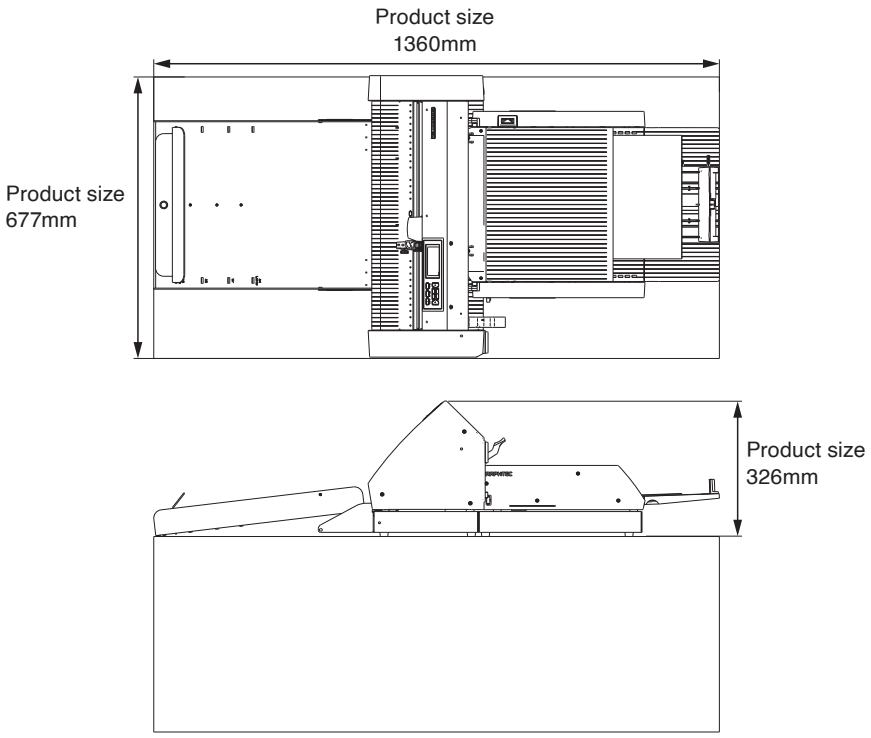


Product size and installation size

<For 45-degree specifications>



<For tabletop specifications>



Supplement

The installation size (area) when installing on a tabletop should be larger size than the product size.
There is no specific recommended value for the height when installing on a tabletop.

Contents

Preface I
Notes on this Manual I
Registered Trademarks I
Copyright I
After Turning on the Plotter II
Precautions for handling II
Notes on the specifications and accessories III
WARNING III
FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT III
USE SHIELDED CABLES III
Installation space IV
Product size and installation size V

Chapter 1: Product Summary

1.1 Checking the Accessories 1-2
Accessories for the ASF1-30 packaging box 1-2
Accessories for the packaging box of the paper output tray 1-2
1.2 Nomenclature 1-4
1.3 Assembling 1-5
How to assemble the Paper output tray 1-5
How to set up the CE8000-40 1-8
How to connect the CE8000-40 1-9

Chapter 2: How to use ASF1-30

2.1 Media Preparation 2-2
Usable media 2-2
Unusable Media 2-3
2.2 Loading the Media 2-4
Procedure for loading A4 size or letter size media 2-4
Procedure for loading A3 size, A3 Plus size, 12”×18” size, or 13”×19” size media 2-5
Procedure for loading 11” × 17” size media 2-6
2.3 CE8000-40 Push Roller Position Adjustment 2-7
When push roller position is A4 2-7
When push roller position is A3 2-7
2.4 Detailed position adjustment of CE8000-40 push roller 2-8
2.5 Removing the ASF1-30 2-9

Chapter 3: ASF1-30 dedicated menu

3.1 CE8000-40 Specifications 3-2
MEDIA SELECTION screen 3-2
Icon on the top right of the READY screen (ASF1-30 connection indicator) 3-2
ASF menu 3-2

LOAD/EJECT in QUICK MENU 3-3
ORIGIN in QUICK MENU 3-4
COPY in QUICK MENU 3-5
Eject speed setting 3-5
Cutting area when using registration marks 3-6
3.2 Specifications of included software 3-7
MODEL SELECTION screen 3-7
Registration mark creation option 3-7
First registration mark positioning option 3-8
Option to scan two registration marks with four registration marks 3-9
Continuous operation email notification option 3-9
Basic workflow for cutting with registration marks 3-10
Basic workflow for cutting with barcodes 3-10
Data Link Function (Continuous Operation Using Barcode) Workflow 3-11

Chapter 4: Troubleshooting

4.1 If the media is jammed 4-2
When media feed stops in ASF1-30 4-2
If media remains in the CE8000-40 4-3
4.2 When media cannot be fed properly 4-4
4.3 Error Messages 4-5
4.4 Check plotter information 4-6

Appendix

A.1 Specifications A-2
A.2 Menu Tree A-3

Chapter 1: Product Summary

This chapter provides an overview of the ASF1-30.

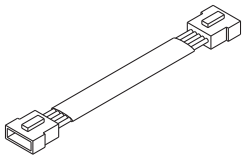
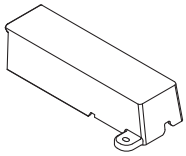
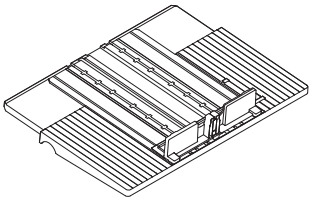
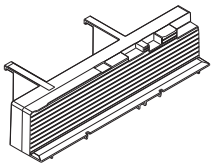
SECTION IN THIS CHAPTER

1.1 Checking the Accessories
1.2 Nomenclature
1.3 Assembling

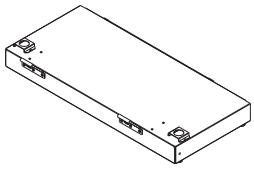
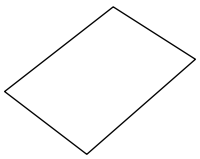
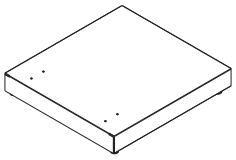
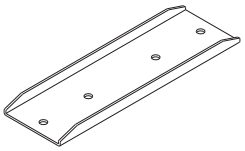
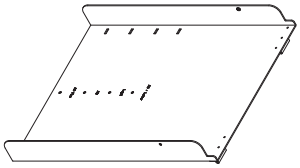
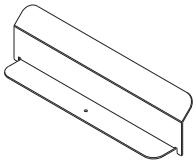
1.1 Checking the Accessories

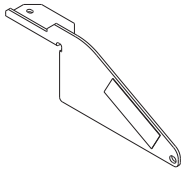
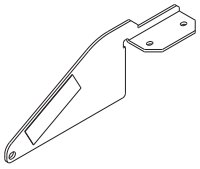
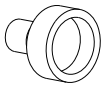
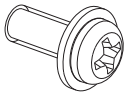
Please check that all the accessories are included.
If you find any accessories are missing, please contact the distributor from whom you purchased this product immediately.

Accessories for the ASF1-30 packaging box

Item	Q'ty	Item	Q'ty
Connection cable 	1 pc.	Cable cover 	1 pc.
Extension tray 	1 pc.	11-inch Adapter 	1 pc.

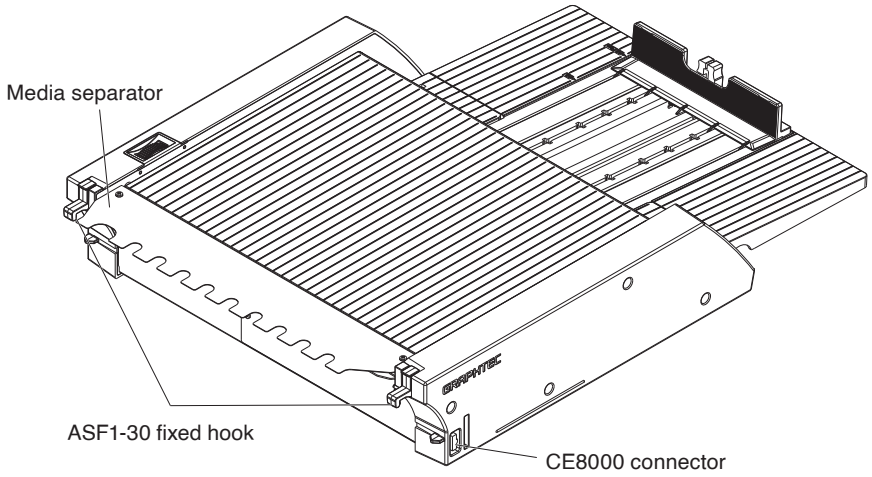
Accessories for the packaging box of the paper output tray

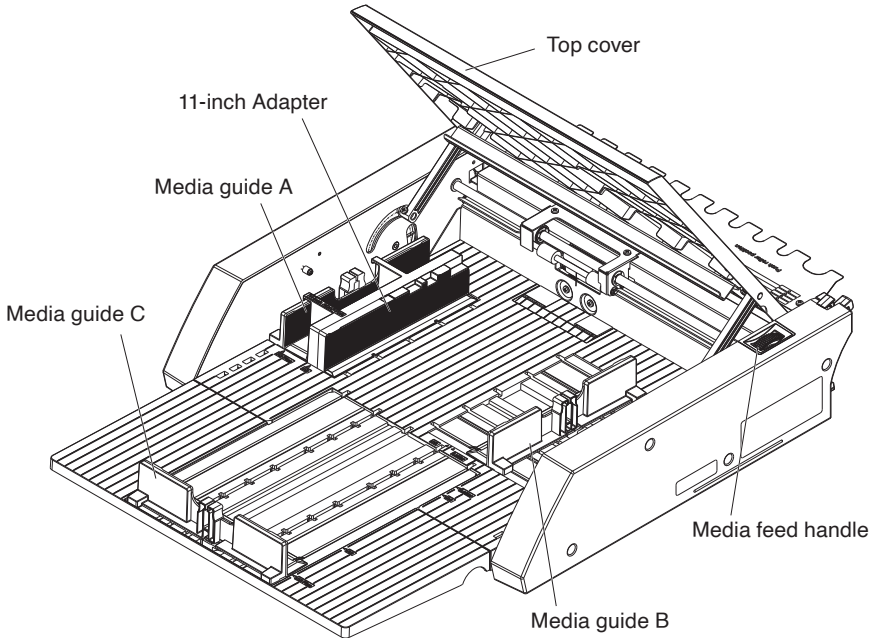
Item	Q'ty	Item	Q'ty
CE8000 base 	1 pc.	Request for firmware and software updates 	1 sht.
ASF1-30 base 	1 pc.	Base connecting parts 	2 pcs.
Paper output tray 	1 pc.	Media Stopper 	1 pc.

Item	Q'ty	Item	Q'ty
Tray fixing bracket (A) 	1 pc.	Tray fixing bracket (B) 	1 pc.
Screw A 	3 pcs.	Screw B 	12 pcs.

* In addition, various other information may be attached.
* Accessories may vary depending on the sales region.
  For details, please contact the distributor from whom you purchased this product.

1.2 Nomenclature





ASF1-30 fixed hook .....This is a hook to secure the ASF1-30 and CE8000-40.

CE8000 connector .....This is the connector for connecting the ASF1-30 to CE8000-40.

Media guide A/B/C .....This is an adjustment guide to fit the width and length of the media you are loading.

11-inch Adapter.....Adapter used for loading 11-inch media.
Remove the adapter when loading media other than 11-inch media.

Media feed handle.....A handle for manually feeding media or feeding media that has stopped midway.

Top cover.....This opens and closes when feeding or removing media.

Media separator .....This is the part that feeds media to the CE8000-40.

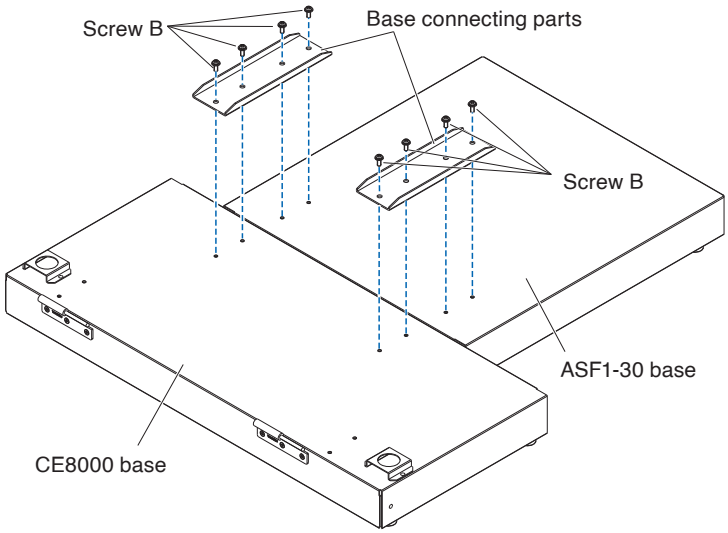
1.3 Assembling

How to assemble the Paper output tray

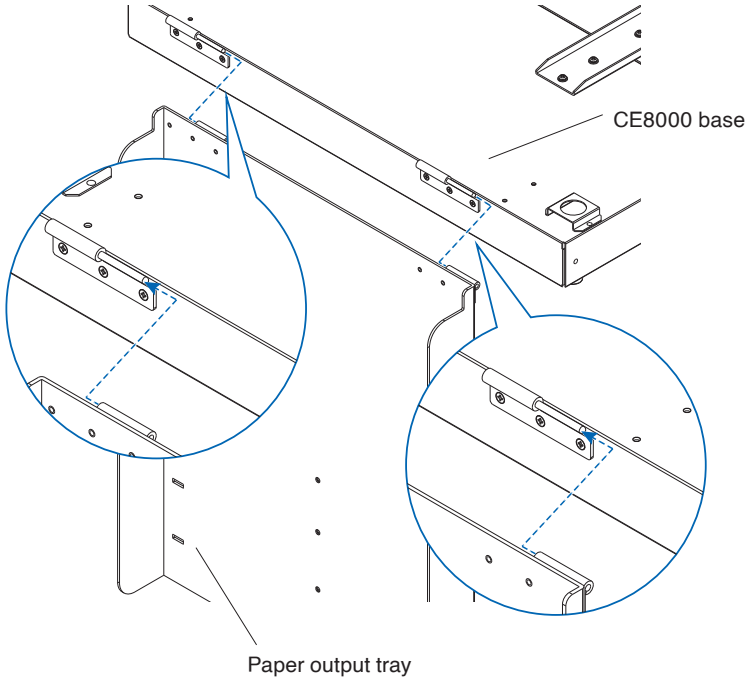
Tools to be provided by the customer

- Phillips head screwdriver (No. 2)

1. Using a Phillips screwdriver, attach the CE8000 base to the ASF1-30 base with the two Base connecting parts and eight Screws B.



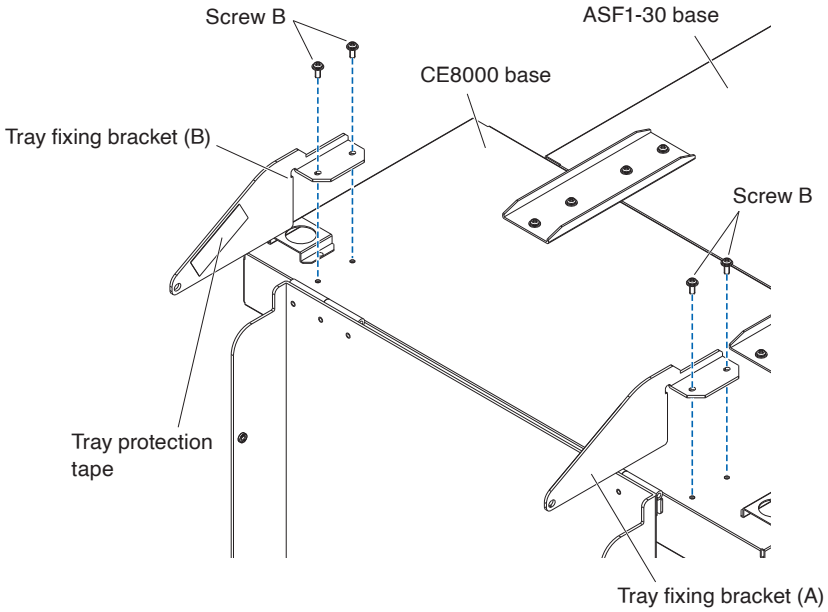
2. Insert the two hinges of the Paper output tray into the two hinges of the CE8000 base. After inserting the hinges, hang the Paper output tray down.



3. Use a Phillips screwdriver to attach the Tray fixing bracket (A) and the Tray fixing bracket (B) with the four Screws B.
After installing the Tray fixing brackets, if you will be using the Paper output tray at a 45-degree angle, go to step 4. If you will be using it on a tabletop, go to step 5.

Supplement

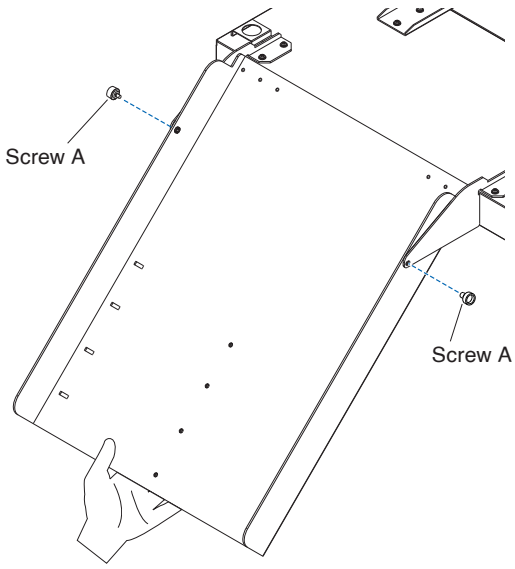
When attaching the Tray fixing bracket (A) and (B), make sure that the Tray protection tape that stuck on the Tray fixing bracket (A) and (B) are positioned on the inside before attaching them.



4. When fixing the Paper output tray at a 45-degree angle.
Use the two Screws A to fix the Paper output tray while supporting it with your hands.
The output tray can be extended from the table and used as a ramp.

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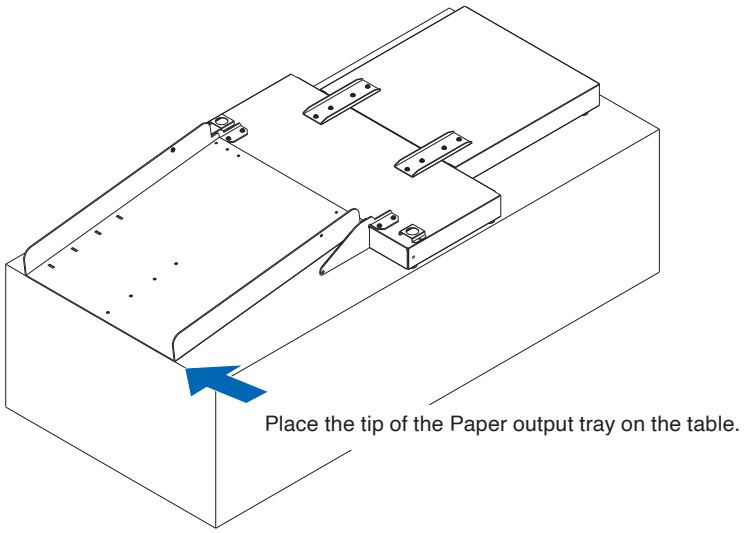
- It is recommended that you use the output tray at a fixed 45-degree angle.
- The media may protrude from the paper output tray due to its curling or hardness. If this occurs, set the eject speed of the CE8000-40 to [SLOW].



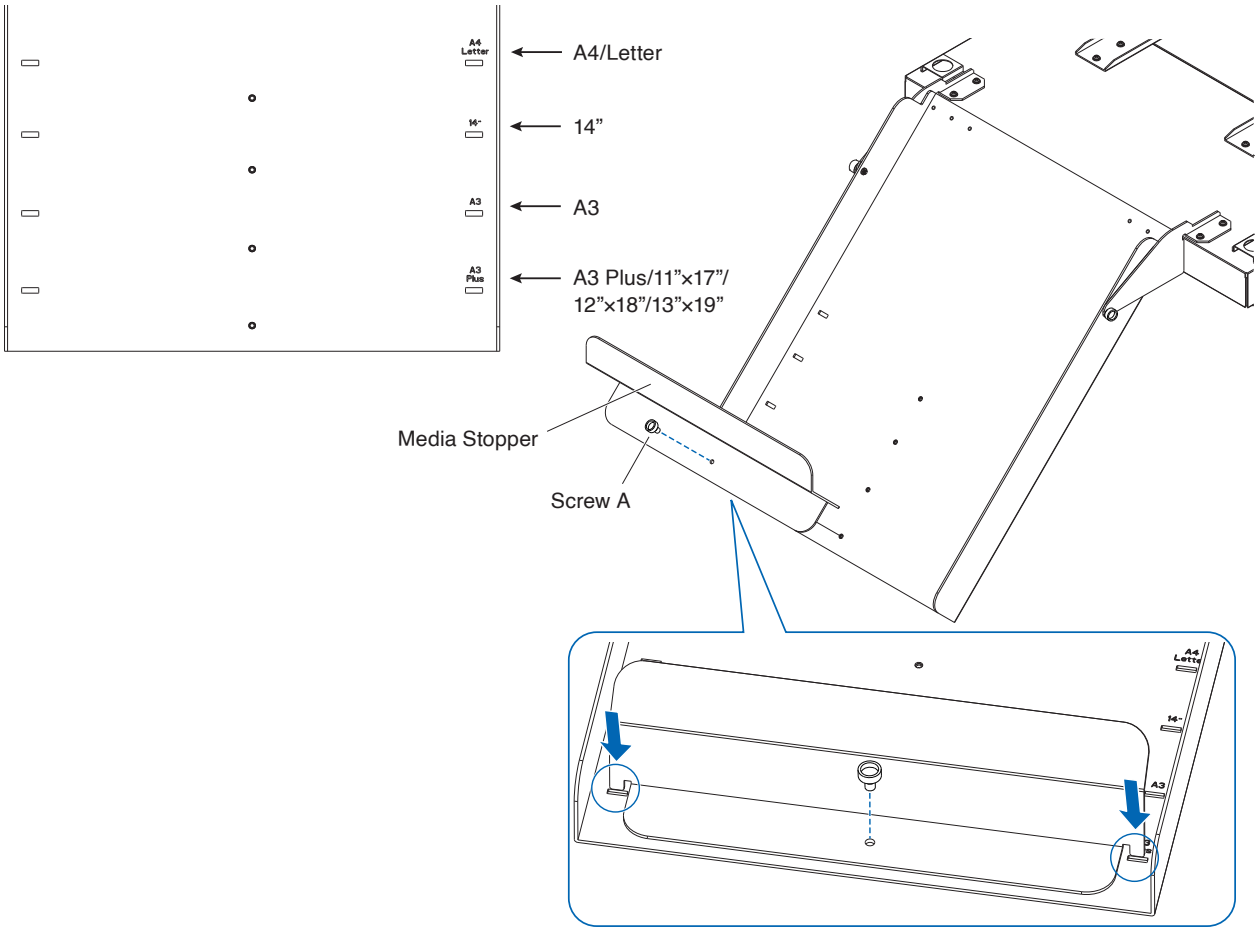
5. When using the Paper output tray on a tabletop.
The Output tray can be placed and used on a tabletop.

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The properties of the media and static electricity may affect the media ejection.
In such cases, it is recommended to use it at a fixed angle of 45 degrees.

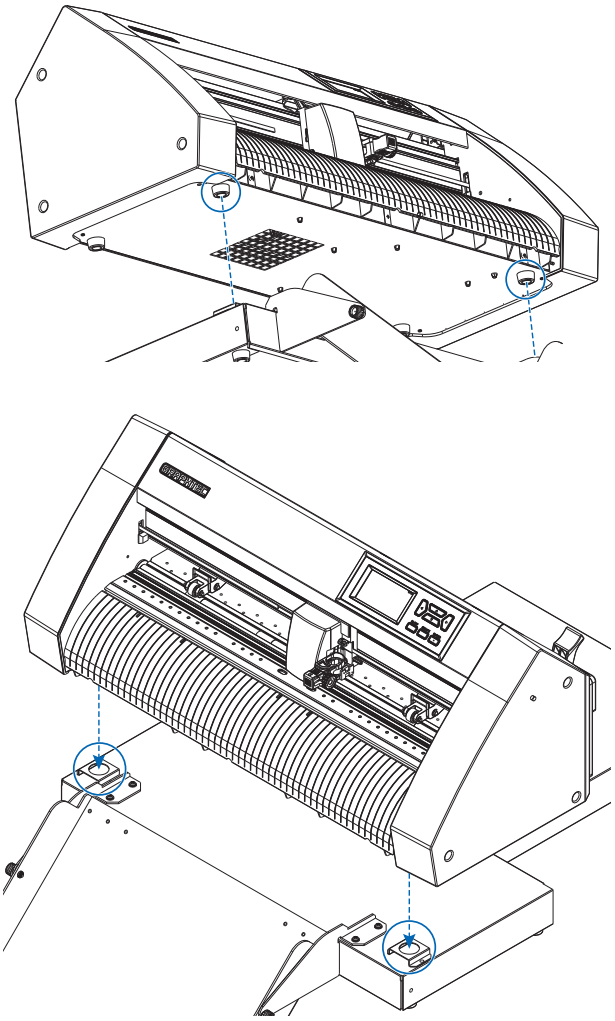


6. Attach the Media stopper.
The media size is listed on the Paper output tray, insert the left and right protrusions on the Media stopper according to the media size to be used into the notches on the Paper output tray and fix it with Screw A.

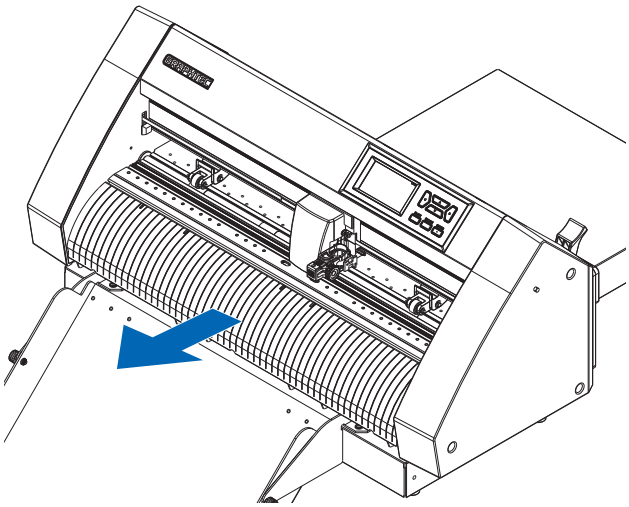


How to set up the CE8000-40

1. Insert the feet of the CE8000-40 into the positioning holes on the CE8000 base.



2. After installing the CE8000-40, press the CE8000-40 in the direction of the arrow in the figure below.



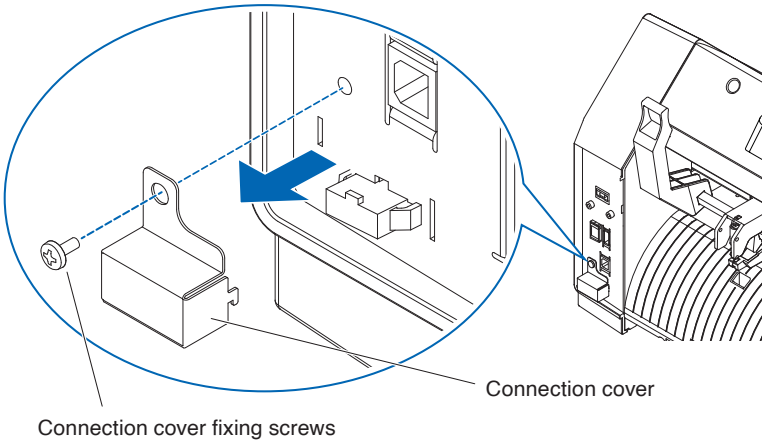
How to connect the CE8000-40

Check that the CE8000-40's power switch is off (the "◯" side is pressed down).

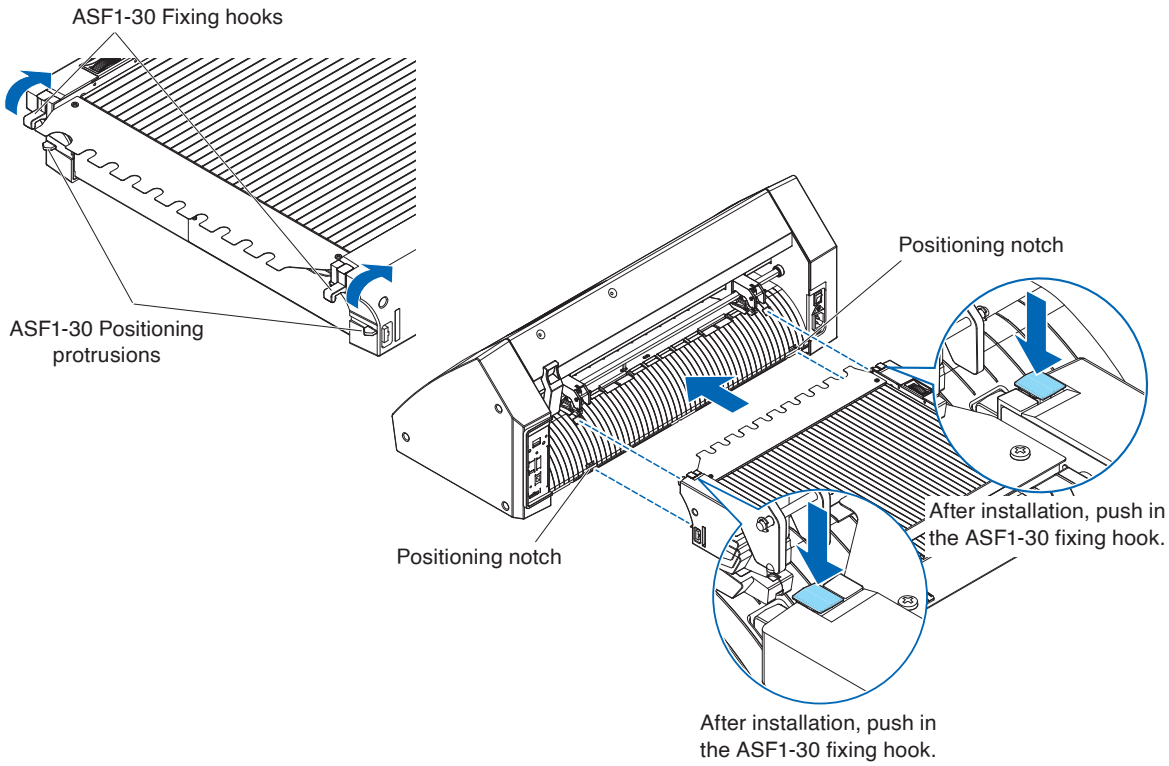
1. Use a Phillips screwdriver to remove the ASF1-30 Connection cover mounting screws, and then remove the ASF1-30 Connection cover.

Supplement

- Please prepare your own Phillips screwdriver.
- The Connection cover fixing screw will be used again in step 4.
- Please keep the removed Connection cover in a safe place.



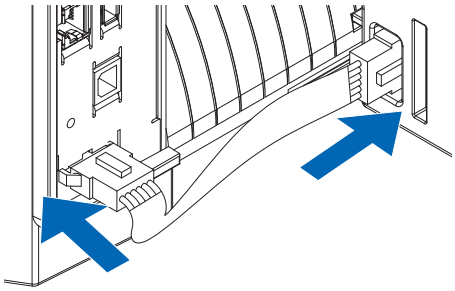
2. Install the ASF1-30.
Raise the ASF1-30 fixed hook, insert the ASF1-30 Positioning protrusions into the CE8000-40, and then push the ASF1-30 fixed hook in from above.



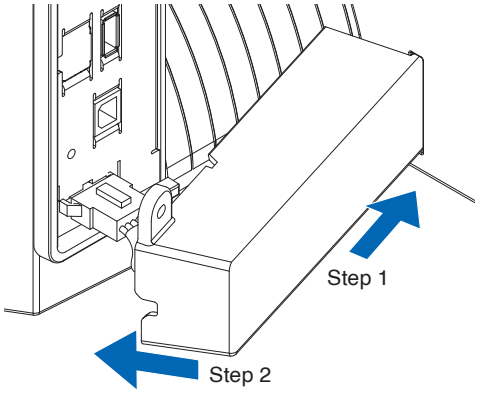
3. Attach the Connection cable.

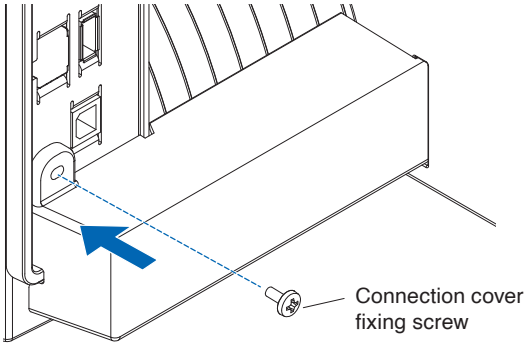
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The shapes of both connectors on the Connection cable are the same, it can be connected to both the CE8000-40 and the ASF1-30.

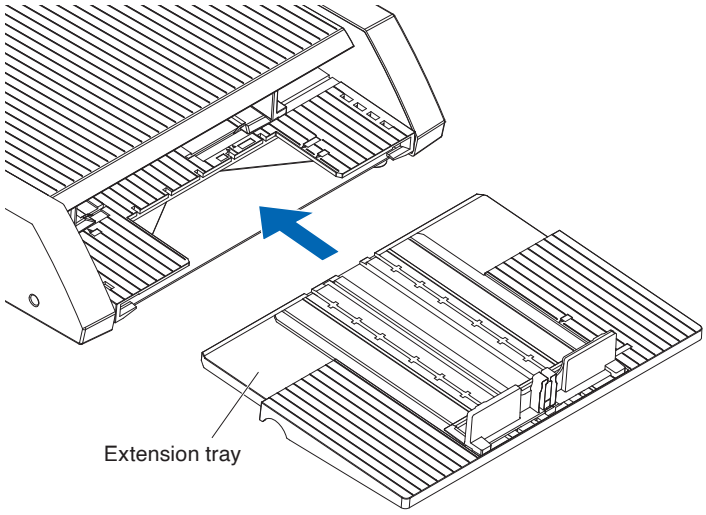


4. Attach the Cable cover.
Insert the Cable cover into the notch on the ASF1-30 and fix it to the CE8000-40 using the Connection cover fixing screw.





5. Insert the Extension tray.
When inserting the Extension tray, make sure there is nothing under the Extension tray.
If there is anything under the Extension tray, the media will not be fed properly.



Chapter 2: How to use ASF1-30

This chapter describes how to use ASF1-30.

SECTION IN THIS CHAPTER

2.1 Media Preparation
2.2 Loading the Media
2.3 CE8000-40 Push Roller Position Adjustment
2.4 Detailed position adjustment of CE8000-40 push roller
2.5 Removing the ASF1-30

2.1 Media Preparation

Usable media

The following media is available for ASF1-30.

- Sheet media for laser printers (thickness 0.15 to 0.23 mm)

Supplement

The maximum number of media that can be loaded is 150 sheets, or the maximum stacking height is up to 30 mm.

The following media sizes are available for the ASF1-30:

- A3 Plus (329 x 483 mm)
- A3
- A4
- Letter
- 13”×19”
- 12”×18”
- 11”×17”

Supplement

Media sizes other than those listed above can also be loaded, but the positions of the media guides and push rollers are not covered by the warranty.

⚠CAUTION

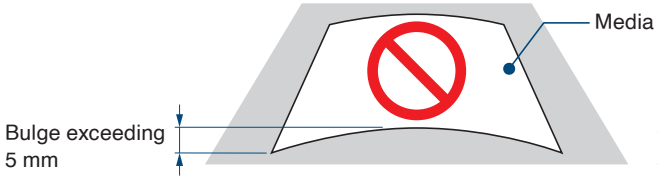
- When using ASF1-30, the cutting mat cannot be used.
- If the media is charged with static electricity, the media feeding noise may become louder or the media may not be fed properly. Please fan the media well before loading it.
  Media that easily becomes charged during the printing process can cause media feeding problems.
- If the edges of the media are not neatly aligned, the registration marks may not be scanned.
  Make sure to neatly align the edges of the media before loading it.
- If you are using curled media, roll it in the opposite direction to flatten it before loading it.
- Depending on the type of printer or media, curling may occur when printing.
  In this case, please print by manually feeding one sheet at a time.
- Always load media vertically.
  Do not mix media of different materials or sizes.
- The maximum number of media that can be loaded is 150 sheets, or the maximum stacking height is up to 30 mm.
- Media repeatedly absorbs and releases moisture depending on the humidity. Moisture absorption can cause the media to curl and become dusty, so when not in use, return it to the package and store it away from high temperatures, high humidity and direct sunlight.
- Do not use media that has been surface treated for inkjet printing on both sides.
  Dirt may accumulate on the rollers, causing problems with media feed.
  Clean the rollers if they become dirty.

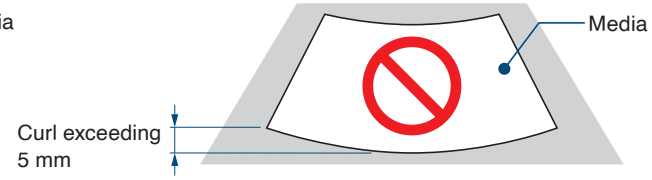
Unusable Media

The following media is not available for ASF1-30.

- Folded/curled/creased media
- Wet Media
- Too thin media (thickness less than 0.15 mm)
- Too thick media (thickness 0.23 mm or more)
- Media prone to static electricity
- Media with sticky surface
- Perforated media
- Media with glitter on the surface
- Pre-cut media
- Soft, tension-free media

Ex.: Examples of media with bulge or curl





2.2 Loading the Media

Procedure for loading A4 size or letter size media

1. Open the top cover.
2. Move media guides A, B and C in the directions indicated by the blue arrows.

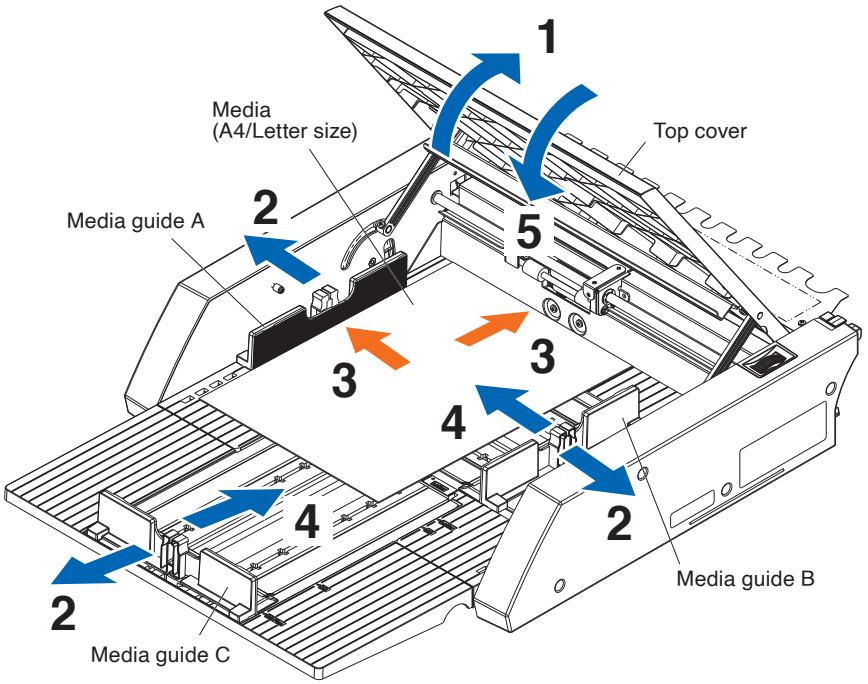
> **Supplement**
>
> Move media guide A all the way to the edge.

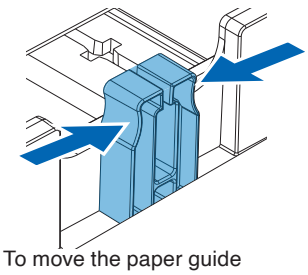
3. Align the media with paper guide A and load it firmly until it hits the back.

> **Supplement**
>
> Please fan the media well before loading it.

4. Adjust paper guides B and C to fit the media.
5. Close the top cover.

> **Supplement**
>
> If there is a gap between the media guides and the media, the media is fed at an angle, which may result in poor cutting.
> Set each media guide by pressing it against the media.





To move the paper guide outward, press the knobs on both sides and move it.

Procedure for loading A3 size, A3 Plus size, 12”×18” size, or 13”×19” size media

1. Open the top cover.
2. Move media guides A, B and C in the directions indicated by the blue arrows.

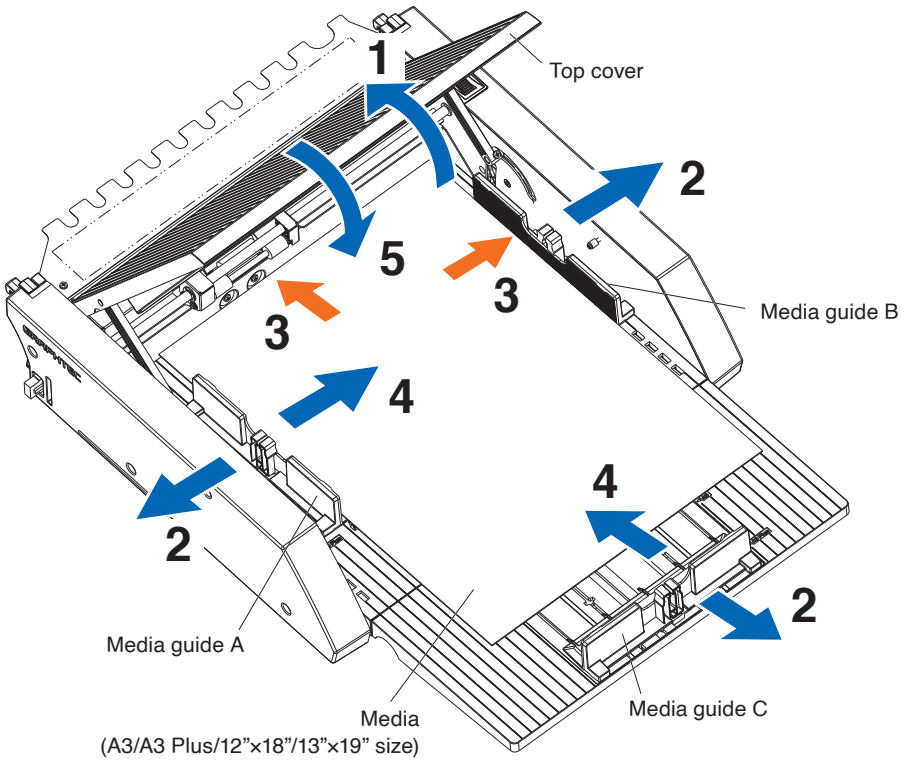
> **Supplement**
>
> Move media guide B all the way to the edge.

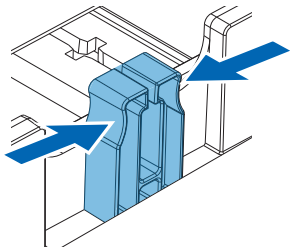
3. Align the media with paper guide B and load it firmly until it hits the back.

> **Supplement**
>
> Please fan the media well before loading it.

4. Adjust paper guides A and C to fit the media.
5. Close the top cover.

> **Supplement**
>
> If there is a gap between the media guides and the media, the media is fed at an angle, which may result in poor cutting.
> Set each media guide by pressing it against the media.





To move the paper guide outward, press the knobs on both sides and move it.

Procedure for loading 11” × 17” size media

1. Open the top cover.
2. Move media guides A, B and C in the directions indicated by the blue arrows.

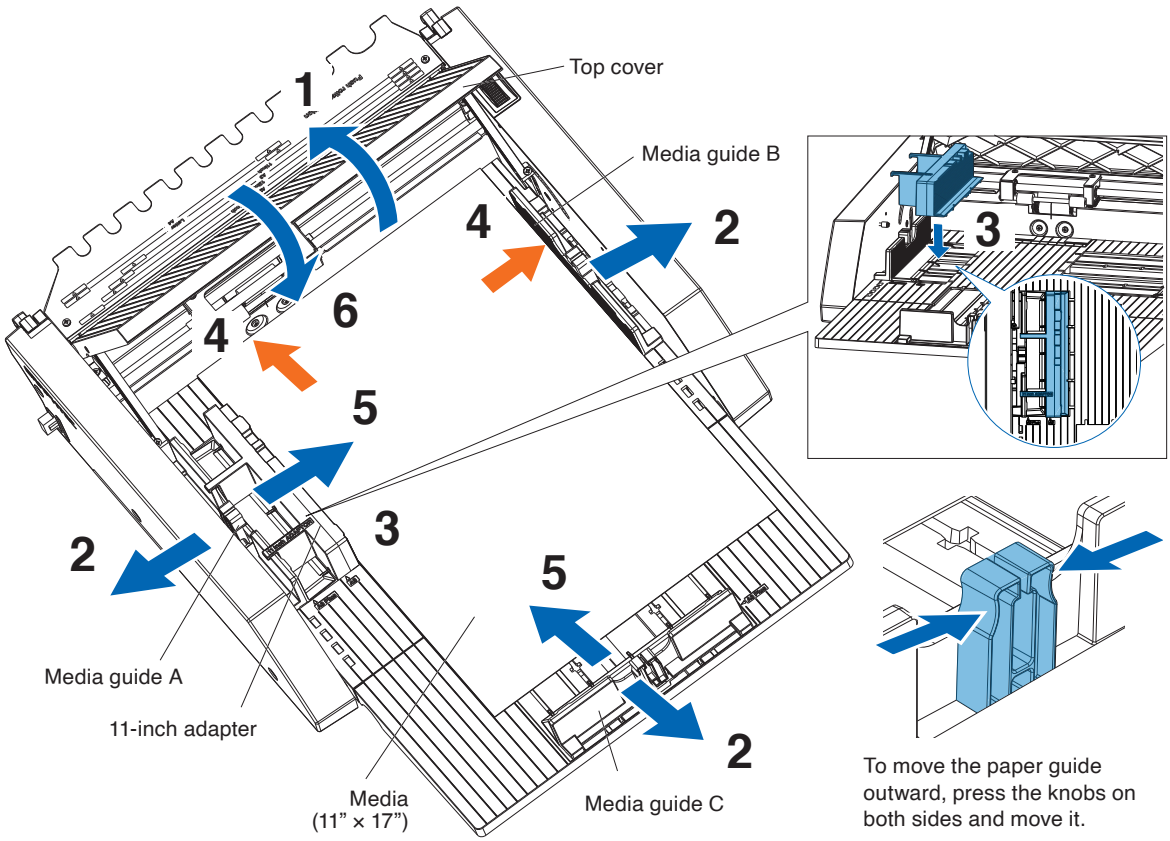
> **Supplement**
>
> Move media guides A and B all the way to the edge.

3. Set the 11-inch adapter by aligning it with media guide A.
4. Align the media with paper guide B and load it firmly until it hits the back.

> **Supplement**
>
> Please fan the media well before loading it.

5. Adjust paper guides A and C to fit the media.
6. Close the top cover.

> **Supplement**
>
> If there is a gap between the media guides and the media, the media is fed at an angle, which may result in poor cutting.
> Set each media guide by pressing it against the media.

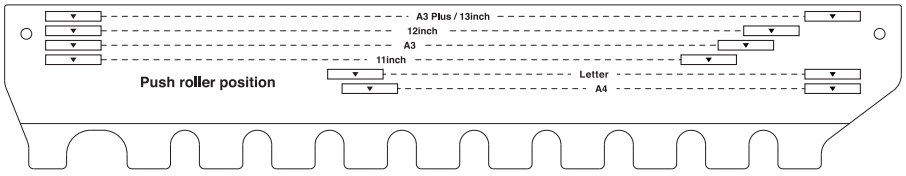


2.3 CE8000-40 Push Roller Position Adjustment

Lower the media set lever of the CE8000-40 and adjust the push roller position of the CE8000-40 to fit the push roller position indication of the ASF1-30.

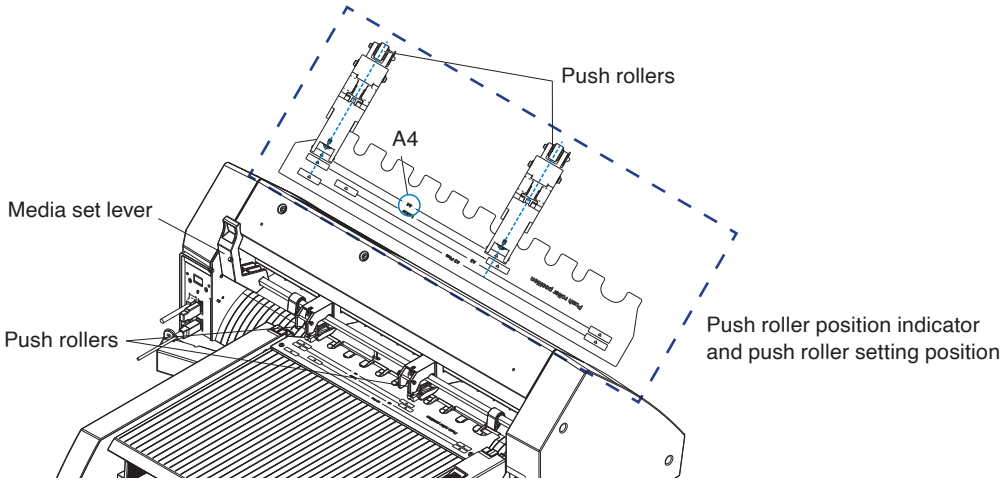
Supplement

For how to operate the media set lever and adjust the position of the push rollers for the CE8000-40, refer to the CE8000 Series User's Manual.

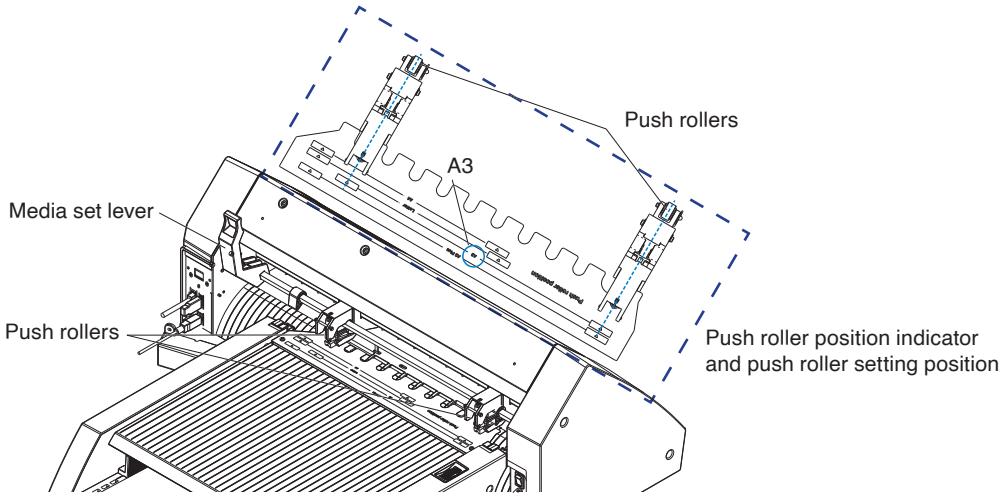


Push roller position indication

When push roller position is A4



When push roller position is A3



2.4 Detailed position adjustment of CE8000-40 push roller

If the media is fed at an angle due to softness or other factors, and the registration marks cannot be scanned, adjust the position of the push rollers according to the following steps.

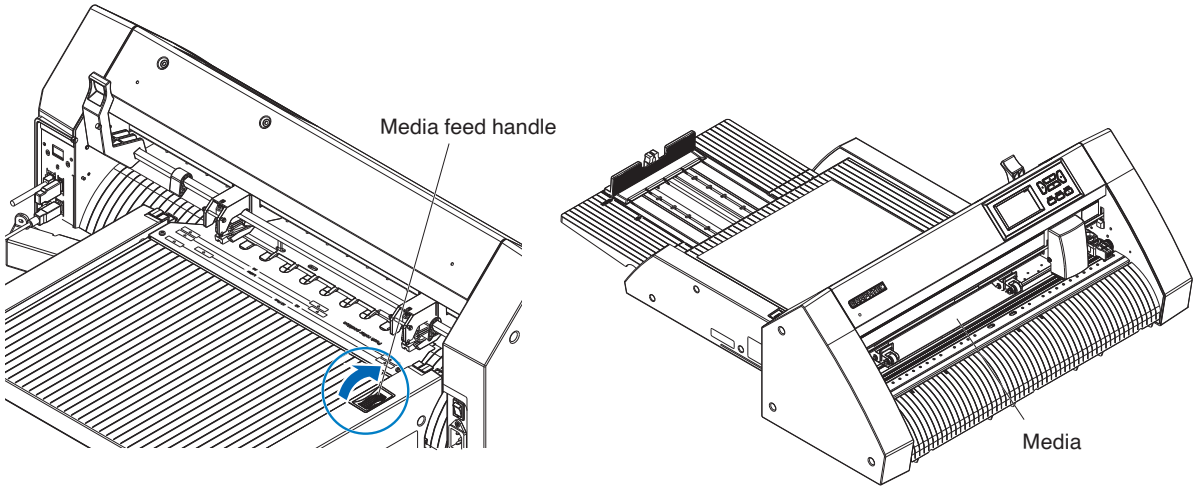
Supplement

- For the ASF1-30, a registration mark size of 15 mm or more is recommended.
- For instructions on how to operate the media set lever and how to adjust the position of the push rollers for the CE8000-40, refer to the CE8000 Series User's Manual.

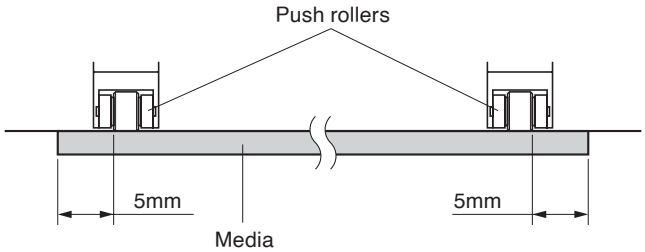
1. With the media set lever of the CE8000-40 lowered, turn the media feed handle of the ASF1-30 in the direction of the arrow to feed the media to the CE8000-40.

Supplement

- Feed the media until it is under the push rollers.
  If the media is fed too far in, it is fed at an angle and you are not able to adjust the position of the push rollers correctly.
- The media feed handle only turns in this direction.



2. Adjust the position of the push roller so that the distance between the edge of the media and the edge of the push roller is 5 mm.



3. After adjusting the position of the push roller, turn the media feed handle to eject the media.

Supplement

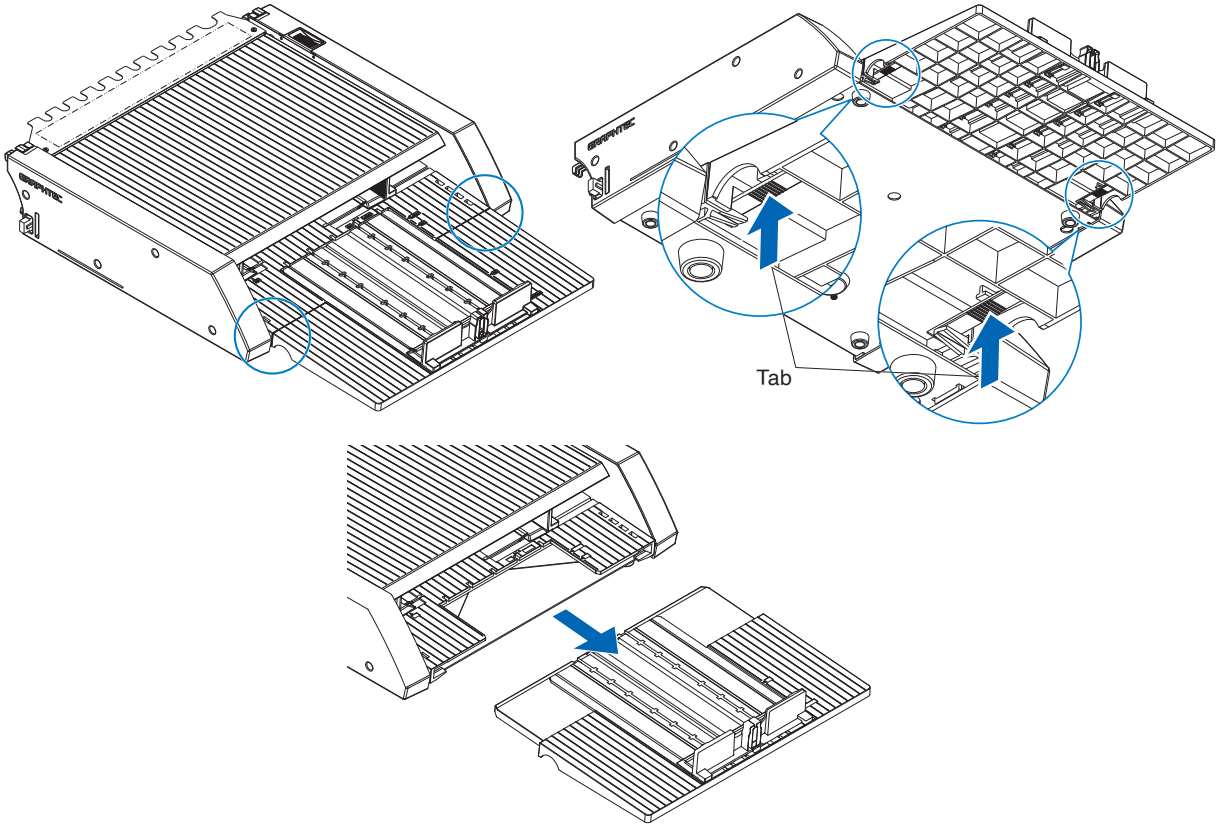
In addition to feeding media using the media feed handle, you can also use the media feeding and ejecting functions to load, eject, and adjust media.
For details, see "3.1 CE8000-40 Specifications" – "LOAD/EJECT in QUICK MENU".

2.5 Removing the ASF1-30

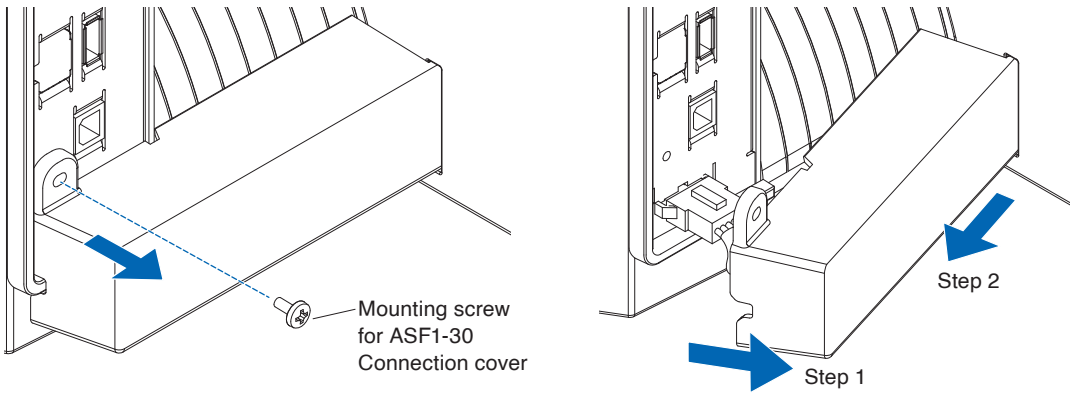
Make sure that the power switch of the CE8000-40 is turned off (to the "○" side).

1. Press the tab on the extension tray to unlock it, then pull out the extension tray.

> **⚠CAUTION**
> Be sure to unlock the tab before pulling it out. Using excessive force may cause damage.



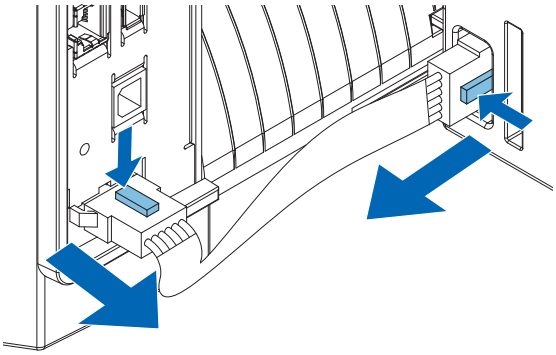
2. Remove the cable cover.
Remove the mounting screws for the ASF1-30 connection cover and remove the cable cover.



3. Remove the connecting cable.

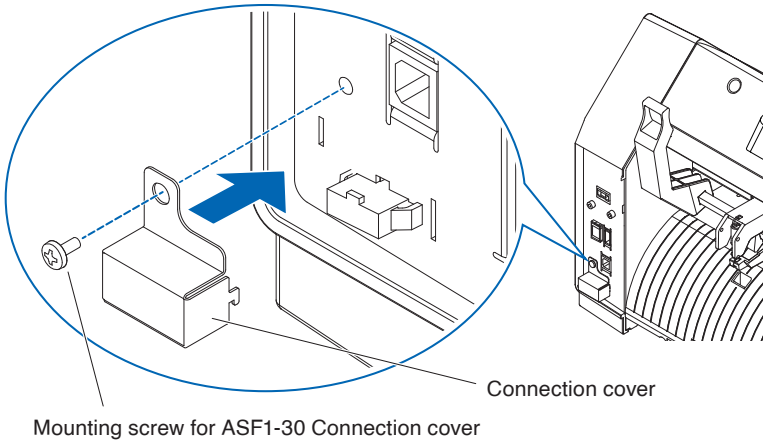
⚠CAUTION

Be sure to unlock the connector before pulling it out. Pulling it out forcefully may cause damage.



4. Raise the ASF1-30 fixing hook, and then remove the ASF1-30 toward the rear.

5. Use a Phillips screwdriver to install the ASF1-30 connection cover.



Chapter 3: ASF1-30 dedicated menu

This chapter describes the dedicated menu displayed when ASF1-30 is connected.

SECTION IN THIS CHAPTER

3.1 CE8000-40 Specifications

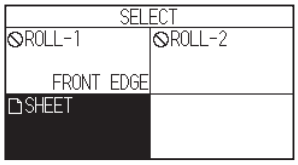
3.2 Specifications of included software

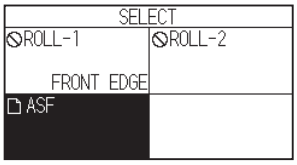
3.1 CE8000-40 Specifications

When an ASF1-30 is connected, ASF1-30 dedicated functions are displayed on the CE8000-40 touch panel and some CE8000-40 functions are restricted.
This section explains the ASF1-30 dedicated menu.
For information about the CE8000-40 common menu, refer to the CE8000 Series User's Manual.

MEDIA SELECTION screen

Select [SHEET] when loading sheet media.
[SHEET] is displayed when media is loaded in CE8000-40.
Select [ASF] when feeding media from ASF1-30.





Supplement

- When ASF1-30 is connected, [ROLL 1] and [ROLL 2] are not available.
- [ASF] is displayed when no media is loaded in the CE8000-40.

Icon on the top right of the READY screen (ASF1-30 connection indicator)

When the ASF1-30 is connected, the [ASF] icon is displayed in the top right corner of the HOME screen.



Supplement

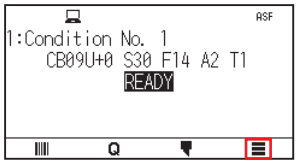
If [ASF] icon is not displayed, please check if there are any problems with the connection between CE8000-40 and ASF1-30.

ASF menu

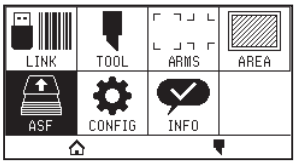
When ASF1-30 is connected, the [ASF] menu is displayed on the MENU screen.

Operation

1. Press the [☰] icon.



2. The [ASF] menu is displayed.



Supplement

The [MEDIA] icon is replaced with the [ASF] icon.
When the ASF1-30 is connected, the settings in the [MEDIA] menu are not available.

LOAD/EJECT in QUICK MENU

When the ASF1-30 is connected, the [LOAD] icon or [EJECT] icon is displayed in the [QUICK MENU].

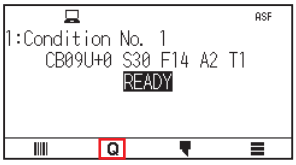
Supplement

If no media is loaded, the [LOAD] icon is displayed.
If media is loaded, the [EJECT] icon is displayed.

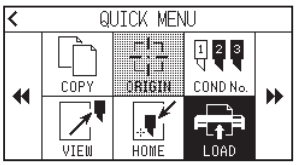
When feeding media from ASF1-30

Operation

1. Press the [Q] icon.



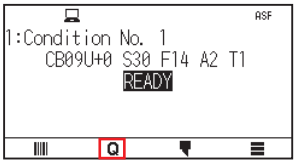
2. Press the [LOAD] icon.



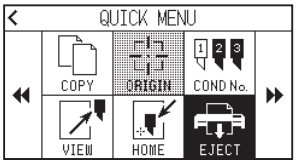
When ejecting the media that has been loaded

Operation

1. Press the [Q] icon.



2. Press the [EJECT] icon.



Detailed position adjustment of CE8000-40 push roller

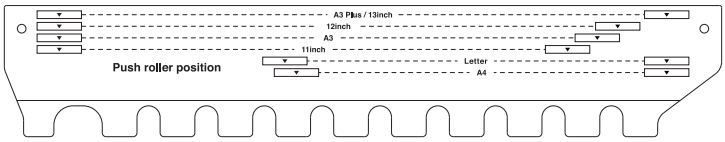
Operation

1. Load the media in the ASF.

> **Supplement**
>
> For details, refer to "2.2 Loading the Media".

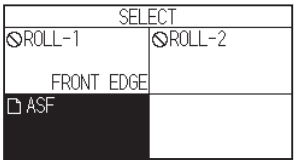
2. Lower the media set lever of the CE8000-40 and adjust the position of the push rollers of the CE8000-40 to match the push roller position indication of the ASF1-30.

> **Supplement**
>
> For how to operate the media set lever and adjust the position of the push rollers of the CE8000-40, refer to the CE8000 Series User's Manual.

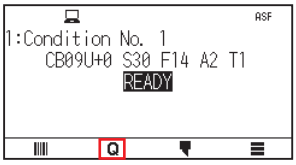


Push roller position indication

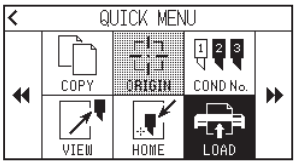
3. Raise the media set lever of the CE8000-40 and select ASF on the [SELECT] screen.



4. Press the [Q].



5. Press the [LOAD].



6. Press the left POSITION key to move the tool carriage to a position where you can see the push rollers.
7. Check the position of the push rollers.
   If you want to adjust the position of the push rollers, lower the media set lever and then adjust them.
8. After adjustments are complete, remove the media.

ORIGIN in QUICK MENU

When ASF1-30 is connected, the [ORIGIN] icon is disabled.

COPY in QUICK MENU

When the ASF1-30 is connected, the [MEDIA CHANGE MODE] in the [COPY] menu cannot be changed. The ASF1-30 always operates at [ON].

Eject speed setting

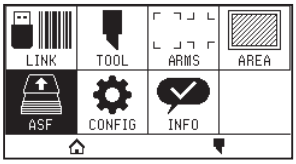
When the eject speed is set to [NORMAL], the media may not fit in the paper output tray due to its curling or hardness. In this case, set the eject speed to [SLOW].

Operation

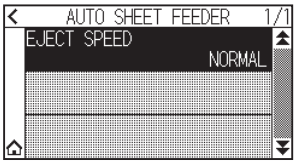
1. Press the [☰] icon.



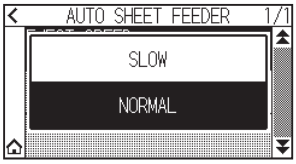
2. Press the [ASF].



3. Press [EJECT SPEED].



4. Press the eject speed you want to use.



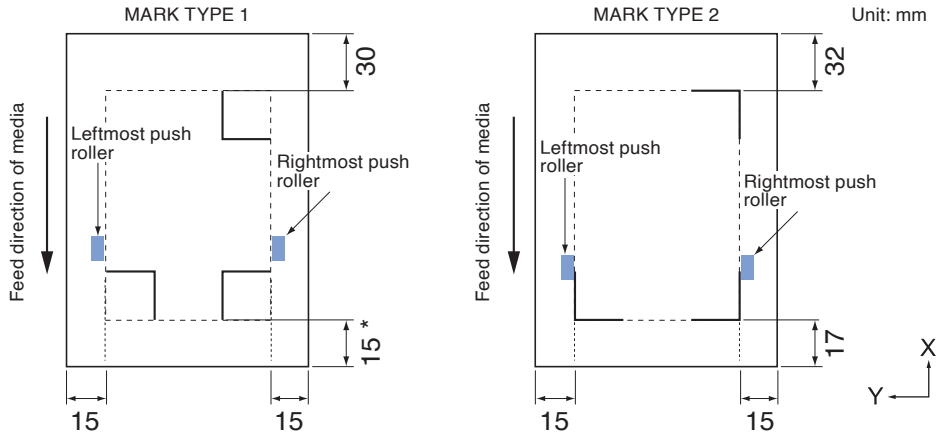
5. Press the [⌂] icon.

▶ It will return to HOME screen.

Cutting area when using registration marks

When the ASF1-30 is connected, the rear margin is reduced, thereby expanding the cutting area.

The rear margin changes from 35 mm to 30 mm for Registration Mark Pattern 1 and from 37 mm to 32 mm for Registration Mark Pattern 2.



Cutting area (same as the area after scanning the registration mark)

* When the expand limit is set to 1 or more, it will be 10.

Supplement

This applies to CE8000-40 firmware version 2.00 or later.

3.2 Specifications of included software

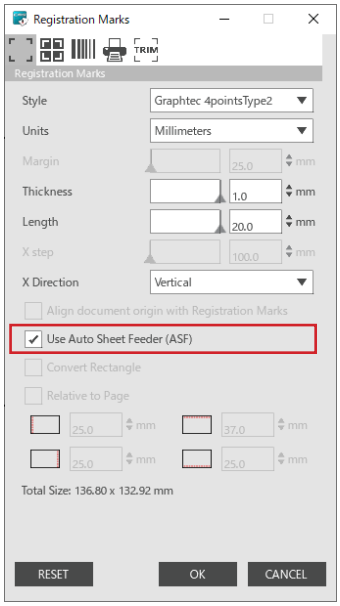
When you select ASF1-30 as the model to be connected, ASF1-30 dedicated functions are displayed in our cutting plotter software (Cutting Master 5/Graphtec Studio 2).
This section explains the ASF1-30 dedicated menu.
For information about the CE8000-40 common menu, refer to the User's Manual for our cutting plotter software (Cutting Master 5/Graphtec Studio 2).

MODEL SELECTION screen

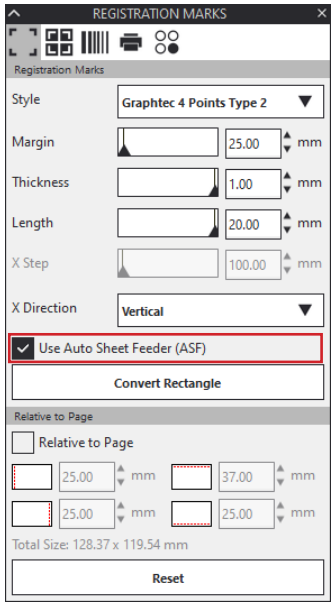
When using the ASF1-30, select [CE8000-40+ASF1] in the model name.

Registration mark creation option

When you select the [Use Auto Sheet Feeder (ASF)] on the [REGISTRATION MARK (Registration Mark)] screen, the settings for ASF1-30 are reflected on the screen.
This can prevent registration marks and barcodes that cannot be used with ASF1-30 from being created.



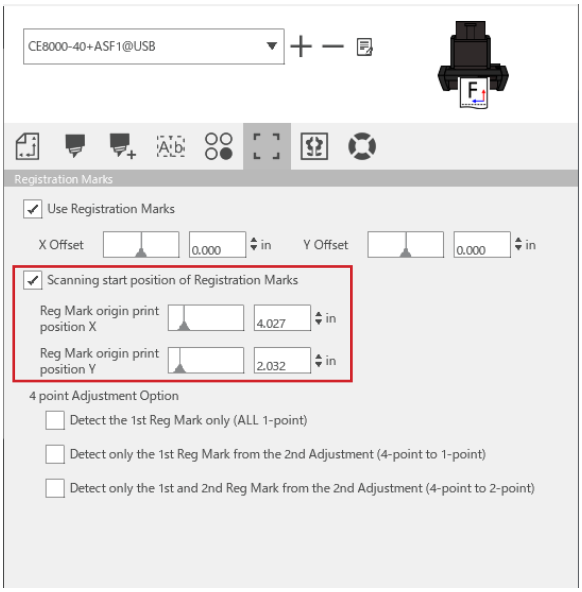
Cutting Master 5



Graphtec Studio 2

First registration mark positioning option

When you specify [Scanning start position of Registration Marks] on the CUTTING screen and then you start cutting with registration marks, the CE8000-40 automatically moves to the position of the first registration mark and scan it.
The first registration mark position in the design document is set as the default in [Reg Mark origin print position X (and Y)].

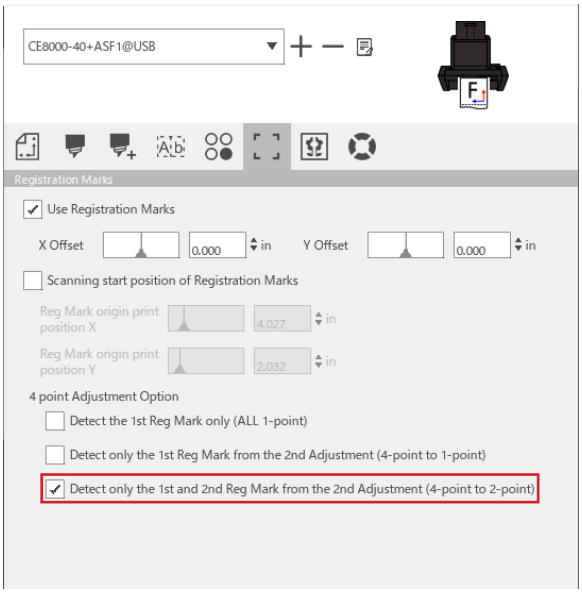


Supplement

This operates on the assumption that the push rollers are set to the positions specified in the CE8000 series User's Manual.
If scanning of the first registration mark fails, adjust the value of [Reg Mark origin print position X (and Y)].

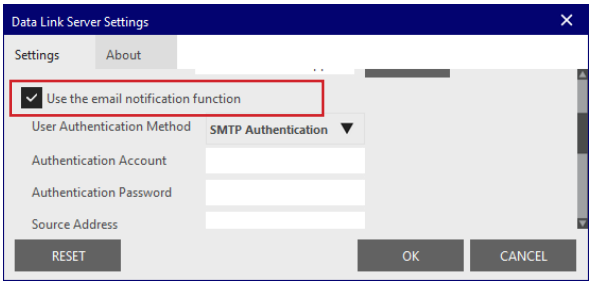
Option to scan two registration marks with four registration marks

When selecting the [Detect only the 1st and 2nd Reg Mark from the 2nd Adjustment (4-point to 2-point)] on the CUTTING screen, all four registration marks are scanned on the first sheet, and only two registration marks are scanned from the second sheet onwards.
The correction for the first sheet is applied to cutting from the second sheet onwards.
This function is applied when cutting the same data repeatedly, such as in continuous operation or copy from the CE8000-40.



Continuous operation email notification option

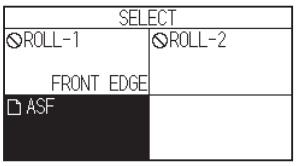
When selecting the [Use the email notification function] on the [Data Link Server Settings] screen, an email notification is sent to the specified address when continuous operation using [Data Link Server] stops.
An email is sent if continuous operation is paused because the media runs out, or if continuous operation stops due to a registration mark scan failure, etc.



Basic workflow for cutting with registration marks

Operation

1. Refer to "Operation with Barcode and Data Link Server Feature" – "Basic Workflow for Registration Marks" in the Cutting Master 5/Graphtec Studio 2 User's Manual and proceed up to "STEP 3".
2. Follow the steps below to operate "STEP 4".
   (1) Load the printed media in the ASF1-30.
   (2) Raise the media set lever.
   (3) Press the [ASF] icon.



   (4) The [READY] screen appears.



   (5) Perform the operations from "3" onwards in "STEP 4".

Supplement

When you want to cut the same data repeatedly, specify the number of cuts.
When you want to specify the number of cuts from the software, set it in [Repeat Job] on the [General] tab.
When you want to specify the number of cuts from the CE8000-40, set it in the COPY function.
For the COPY function of the CE8000-40, refer to the CE8000 Series User's Manual (4.2 Copy (Duplicate Cutting) – When media change mode is ON).
When using the COPY function of the CE8000-40, set the number of cuts in Cutting Master 5/Graphtec Studio 2 to [1].

Basic workflow for cutting with barcodes

The [Standard] barcode cannot be used.
Select the [Continuous Operation] barcode and set the [Barcode Location] to the [Front Edge Only] to use it.

Supplement

The [Roll Media] barcode has been renamed to [Continuous Operation] barcode.

Data Link Function (Continuous Operation Using Barcode) Workflow

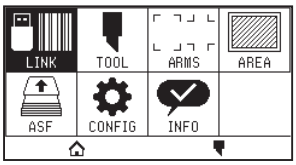
Operation

1. Refer to "Operation with Barcode and Data Link Server Feature" – "Data Link Workflow for Continuous Cutting (Barcode Data Management)" in the Cutting Master 5/Graphtec Studio 2 User's Manual and proceed up to "STEP 5".
2. Follow the steps below to operate "STEP 6".

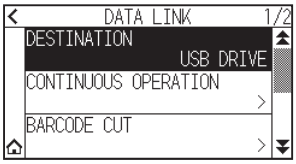
   (1) Press the [ ] icon.



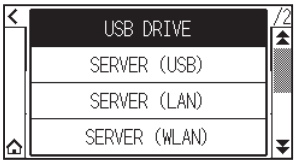
   (2) Press the [LINK] icon.



   (3) Press the [DESTINATION] icon.



   (4) Select the interface that connects the Data Link Server to the Cutting Plotter.



   (5) Press the [ ] icon.

   ▶ It will return to HOME screen.

3. Follow the steps below to operate "STEP 7".

   (1) Load the printed media in ASF1-30.

   (2) Press the [ ] icon.



Media is fed from ASF1-30.
Barcode scan starts and the corresponding data is read from the Data Link Server.
Registration mark scan starts, and cutting begins once all registration marks have been scanned.

Supplement

- A buzzer sounds when continuous operation stops (when the media loaded in ASF1-30 runs out).
- For continuous operation, it is recommended to use the default start mark position.
  If scanning of the start mark fails, adjust the print position of start mark.

Chapter 4: Troubleshooting

This chapter explains what to do if a problem occurs with the ASF1-30.

SECTION IN THIS CHAPTER

4.1 If the media is jammed

4.2 When media cannot be fed properly

4.3 Error Messages

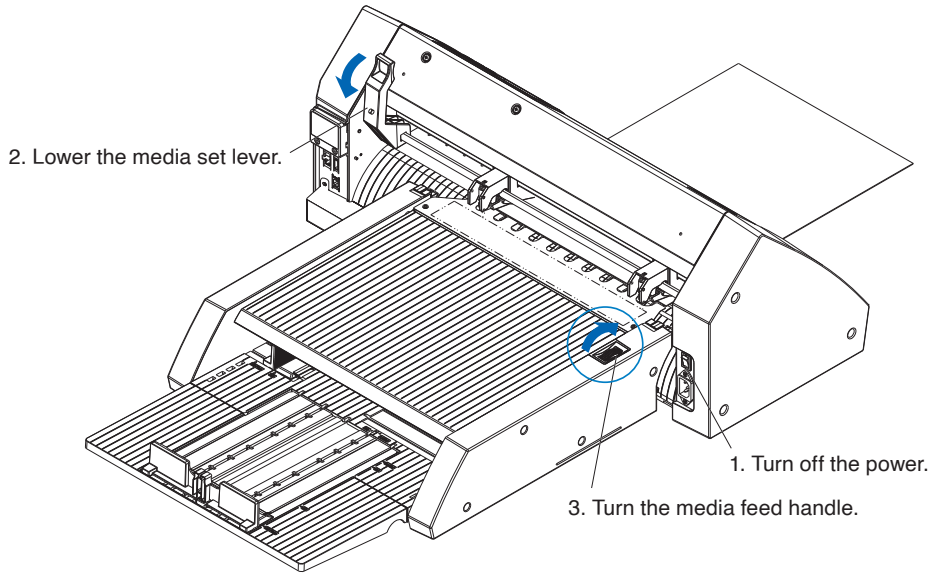
4.4 Check plotter information

4.1 If the media is jammed

If the media cannot be fed and stops midway due to some reason, follow the procedure below to eject the media.

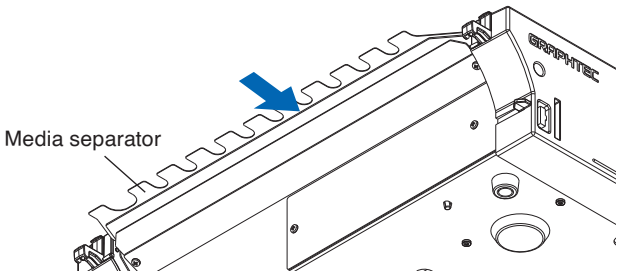
When media feed stops in ASF1-30

1. Turn off the power to the CE8000-40.
2. Lower the media set lever of the CE8000-40.
3. Turn the media feed handle in the direction of the arrow to eject the media.
4. If the ejected media is torn, check that all of the media has been ejected.
   If any pieces of media remain inside, it may cause feeding problems or jams.



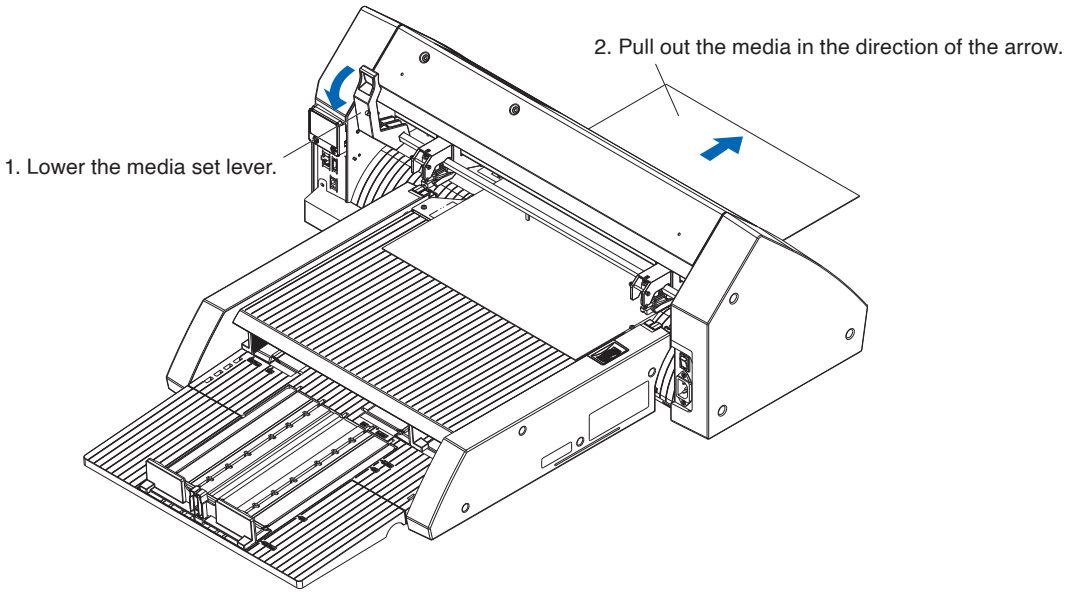
Supplement

If pieces of media remain inside the ASF1-30, remove it from the CE8000-40 and use tweezers or similar to remove the media from the gap below the media separator.
When removing the media, be careful not to deform the media separator.



If media remains in the CE8000-40

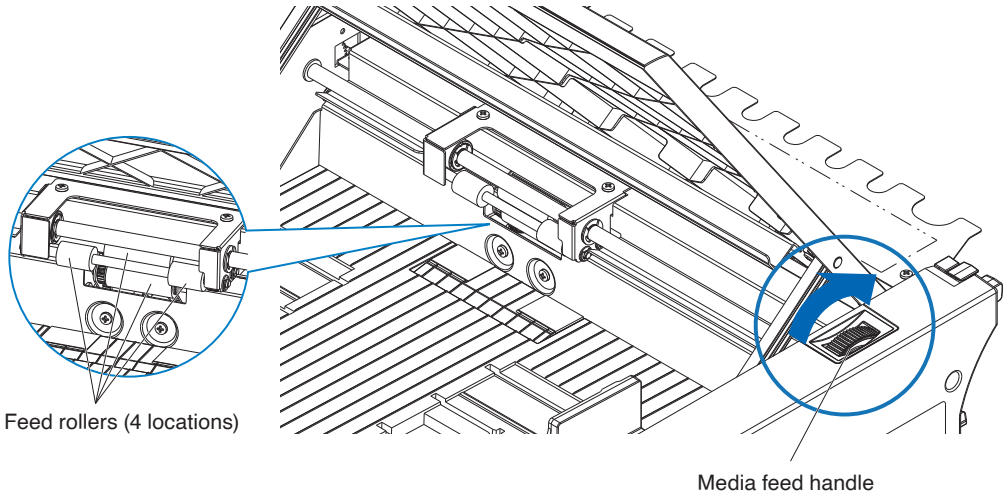
1. Lower the media set lever of the CE8000-40.
2. Pull out the media in the direction of the arrow.



4.2 When media cannot be fed properly

If the media is not fed properly, please check that the media you are using is compatible.
(For compatible media, refer to "2.1 Media Preparation".)
Also, make sure that there is nothing stuck under the extension tray.
If the media still does not feed properly, clean the feed rollers with alcohol (95% or more).

1. Open the cover until it locks into place.



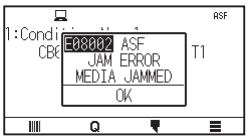
2. Clean the feed rollers by lightly pressing a soft cloth soaked in alcohol (95% or more) against the feed rollers.
When rotating the rollers, turn the media handle.

Supplement

Be careful not to leave any fabric or other fibers behind.

4.3 Error Messages

For errors other than the following error numbers, refer to the CE8000 Series User's Manual.

Error Displayed	LCD Display	Cause	Solution
E08001		The media loaded in ASF1-30 runs out. The media is not loaded correctly in ASF1-30.	Please check that media is loaded in ASF1-30. Contact your sales representative if the problem still exists.
E08002		The media is jammed while being fed from the ASF1-30.	Please check that the media is not jammed in ASF1-30.
E08003		Overlapped media was fed from ASF1-30.	Please fan the media well before loading it in the ASF1-30.
E01031		The cable connecting the ASF1-30 to the CE8000-40 is not connected correctly.	Please check that the cable connecting the ASF1-30 to the CE8000-40 is connected correctly. Contact your sales representative if the problem still exists.

4.4 Check plotter information

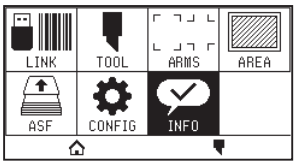
Displays information such as the firmware version and serial number of the plotter.

Operation

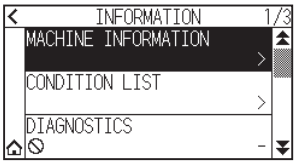
1. Press the [☰] icon.



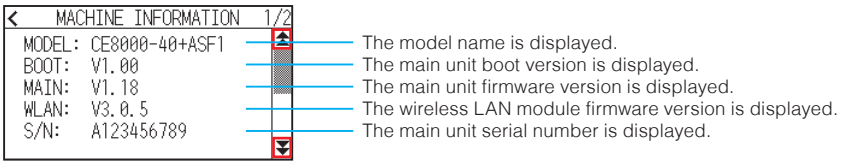
2. Press the [INFO].

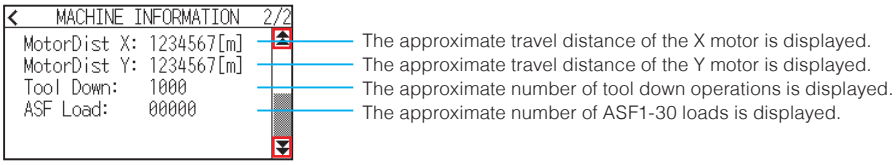


3. Press the [MACHINE INFORMATION].



4. Information about the machine is displayed.





Supplement

- Press the [▲▲] [▼▼] icons to switch pages.
- For more details on the EU Data Act, please refer to the following document:
  https://www.graphteccorp.com/wp-content/uploads/EU-Data-Act_Cutting-plotter.pdf

5. Press the [<] icon.
6. Press the [⌂] icon.

▶ It will return to HOME screen.

Appendix

This chapter describes the specification of the plotter.

SECTION IN THIS CHAPTER

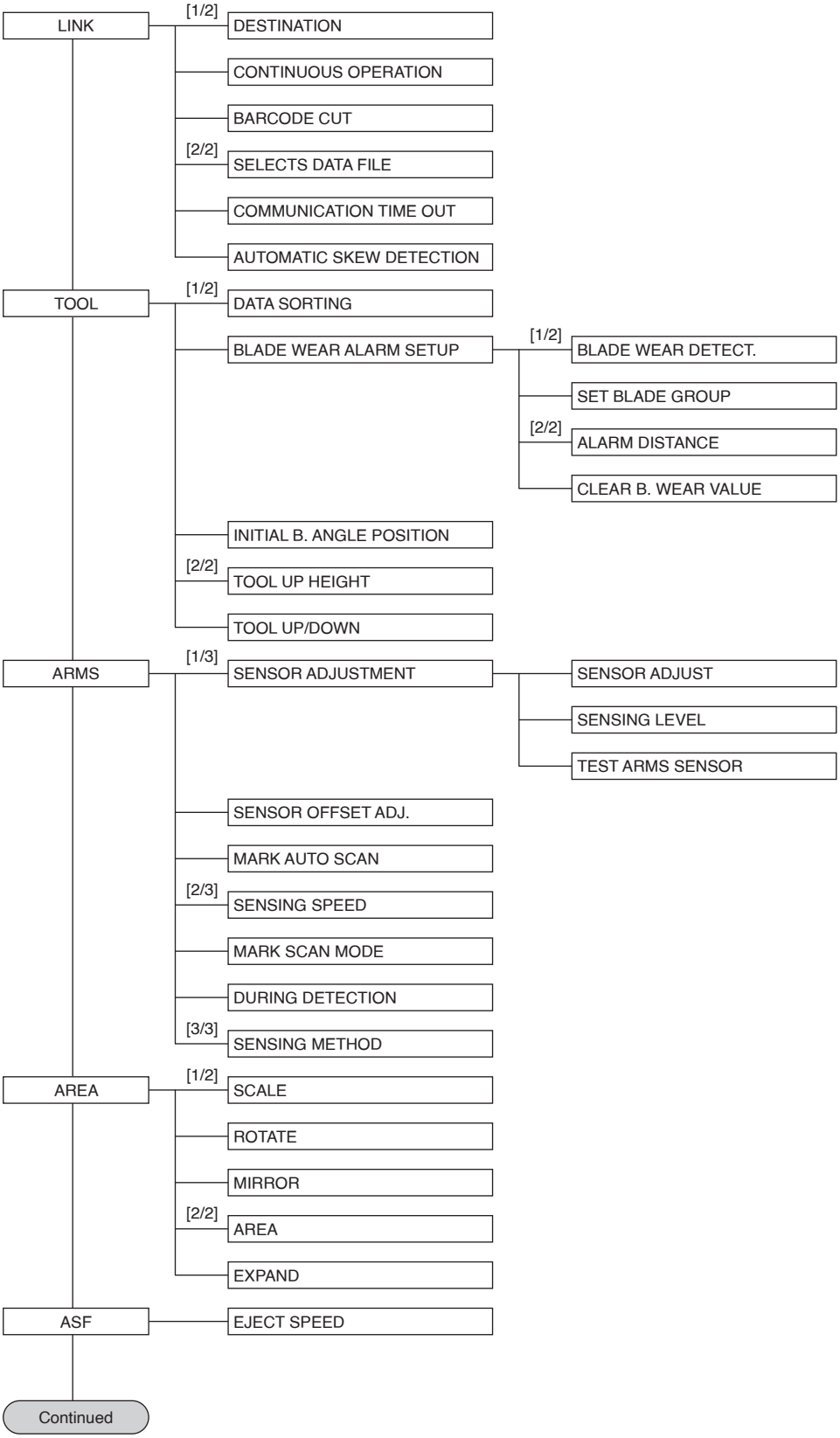
A.1 Specifications
A.2 Menu Tree

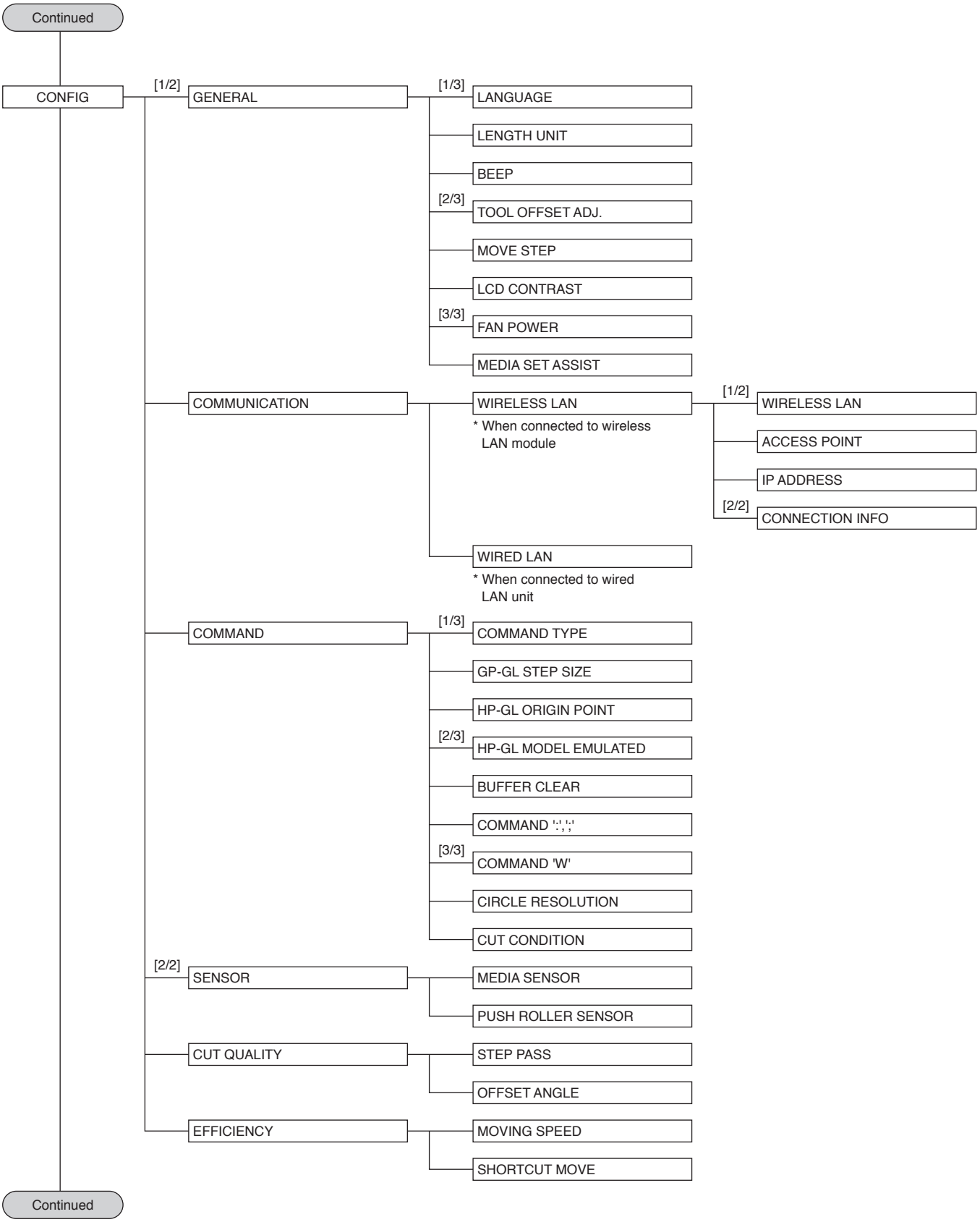
A.1 Specifications

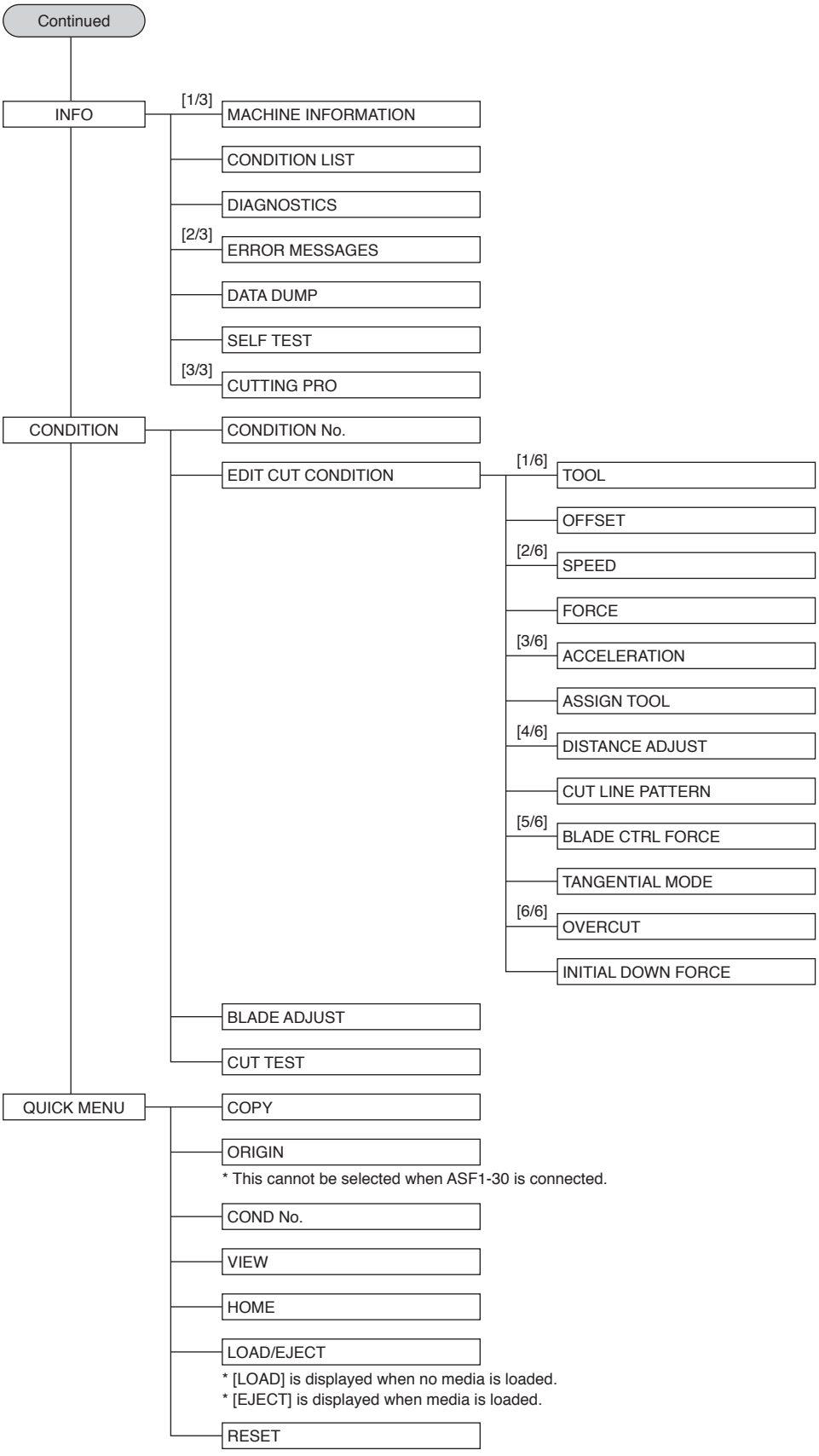
	ASF1-30
Compatible media size	Letter/A4/A3/A3 Plus/11”×17”/12”×18”/13”×19” (Vertical only)
Maximum number of media that can be loaded	100 sheets (thick paper) to 150 sheets (thin paper) * Even if the maximum number of media sets is within the range, the total weight must be 4.5 kg or less.
Compatible media	Tack paper (for laser printer) Thickness 0.15 to 0.23 mm (157 to 181 g/m^2) * Basis weight is for reference only * Static electricity generating media and copy paper, etc. are not available.
Operating environment	15°C to 30°C 70% (no condensation)
Curl Tolerance	5 mm or less
External dimensions (approx.) (when used at 45-degree) (W × D × H)	677 × 1230 × 633 mm Table height 470 mm or more
External dimensions (approx.) (when used on a tabletop) (W × D × H)	677 × 1360 × 326 mm
ASF1-30 Body Weight (approx.)	7.2 kg
Weight of paper eject section (approx.)	6.6 kg

* Do not apply a load exceeding 4.5 kg to the paper output tray.

A.2 Menu Tree


LINK
[1/2]
DESTINATION
CONTINUOUS OPERATION
BARCODE CUT
[2/2]
SELECTS DATA FILE
COMMUNICATION TIME OUT
AUTOMATIC SKEW DETECTION
TOOL
[1/2]
DATA SORTING
BLADE WEAR ALARM SETUP
[1/2]
BLADE WEAR DETECT.
SET BLADE GROUP
[2/2]
ALARM DISTANCE
CLEAR B. WEAR VALUE
INITIAL B. ANGLE POSITION
[2/2]
TOOL UP HEIGHT
TOOL UP/DOWN
ARMS
[1/3]
SENSOR ADJUSTMENT
SENSOR ADJUST
SENSING LEVEL
TEST ARMS SENSOR
SENSOR OFFSET ADJ.
MARK AUTO SCAN
[2/3]
SENSING SPEED
MARK SCAN MODE
DURING DETECTION
[3/3]
SENSING METHOD
AREA
[1/2]
SCALE
ROTATE
MIRROR
[2/2]
AREA
EXPAND
ASF
EJECT SPEED
Continued


Continued
CONFIG
[1/2]
GENERAL
[1/3]
LANGUAGE
LENGTH UNIT
BEEP
[2/3]
TOOL OFFSET ADJ.
MOVE STEP
LCD CONTRAST
[3/3]
FAN POWER
MEDIA SET ASSIST
COMMUNICATION
WIRELESS LAN
[1/2]
WIRELESS LAN
ACCESS POINT
IP ADDRESS
[2/2]
CONNECTION INFO
* When connected to wireless LAN module
WIRED LAN
* When connected to wired LAN unit
COMMAND
[1/3]
COMMAND TYPE
GP-GL STEP SIZE
HP-GL ORIGIN POINT
[2/3]
HP-GL MODEL EMULATED
BUFFER CLEAR
COMMAND ':', ';'
[3/3]
COMMAND 'W'
CIRCLE RESOLUTION
CUT CONDITION
[2/2]
SENSOR
MEDIA SENSOR
PUSH ROLLER SENSOR
CUT QUALITY
STEP PASS
OFFSET ANGLE
EFFICIENCY
MOVING SPEED
SHORTCUT MOVE
Continued


Continued
INFO
[1/3]
MACHINE INFORMATION
CONDITION LIST
DIAGNOSTICS
[2/3]
ERROR MESSAGES
DATA DUMP
SELF TEST
[3/3]
CUTTING PRO
CONDITION
CONDITION No.
EDIT CUT CONDITION
[1/6]
TOOL
OFFSET
[2/6]
SPEED
FORCE
[3/6]
ACCELERATION
ASSIGN TOOL
[4/6]
DISTANCE ADJUST
CUT LINE PATTERN
[5/6]
BLADE CTRL FORCE
TANGENTIAL MODE
[6/6]
OVERCUT
INITIAL DOWN FORCE
BLADE ADJUST
CUT TEST
QUICK MENU
COPY
ORIGIN
* This cannot be selected when ASF1-30 is connected.
COND No.
VIEW
HOME
LOAD/EJECT
* [LOAD] is displayed when no media is loaded.
* [EJECT] is displayed when media is loaded.
RESET

Specifications are subject to change without notice.

ASF1-30 User's Manual
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