



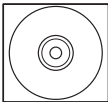
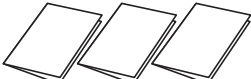

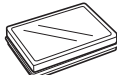

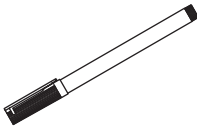

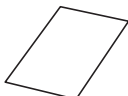
# SETUP MANUAL

This manual provides the setup procedure.  
For details on each function, refer to the instruction manual (PDF) in the supplied DVD.

## Checking the Accessories

Please check that all the accessories are complete.  
If you find any accessories missing, please contact the distributor where you purchased or our customer center immediately.

### Accessories

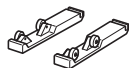
Power cable 1 pc.	USB cable 1 pc.
	
DVD (Various software/User's Manual (pdf)) 1 pc.	SETUP MANUAL, TO ENSURE SAFE AND CORRECT USE, Cutter Blade Manual 1 of each
	
Cutter plunger (PHP33-CB09N-HS) 1 pc.	Cutter blades (CB09UB (1P)) 1 pc.
	
Water-based fiber pen adapter (PHP31-FIBER) (Plunger/Height adjustment tool.) 1 set	Water-based fiber pen (KF700-BK [1P]) 1 pc.
	
Cutter blade adjustment magnifier (PM-CT-001) 1 pc.	Software Activation Code 1 sht.
	

- \* In addition, various information may be attached.
- \* Accessories may vary depending on the sales area.
- \* For details, please contact the distributor where you purchased.

### Dedicated accessories

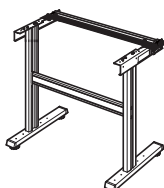
#### CE7000-40

Roll-medium tray 1 set



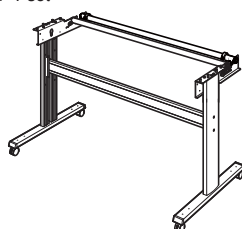
#### CE7000-60

Stand 1 set



#### CE7000-130/160

Stand 1 set



\* It depends on the sales area. For details, please contact the distributor where you purchased.

## Installing driver/software

The latest driver / software version and installation instructions are available at:

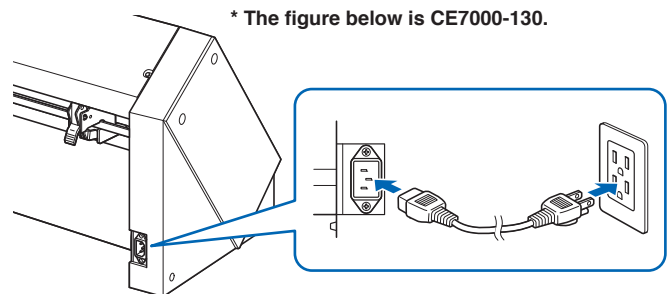
<http://www.graphteccorp.com/support/index.html>

Please download it if necessary.

- Windows driver (Do not connect the computer to the cutting plotter before installing.)
- Graphtec Pro Studio (Windows)
- Cutting Master 4 (Windows/Mac)
- Graphtec Studio (Mac)

## Connecting to the Power

Make sure that the power switch is off (○side), and make a connection between the power connector of the cutting plotter and the AC outlet of specified voltage using the supplied power cable.

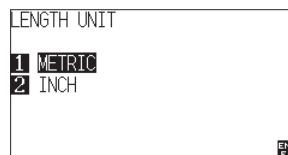


## Initial setup screen

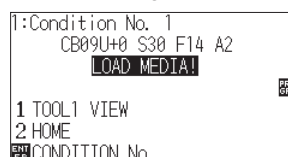
The initial setup screen is displayed only when the power is first turned on. Then select "DISPLAY LANGUAGE" and "LENGTH UNIT". When the power switch is turned on (I side), a message is displayed after displaying the version.



Select a language (English) and press the [ENTER] key.



Select the length unit and press the [ENTER] key.



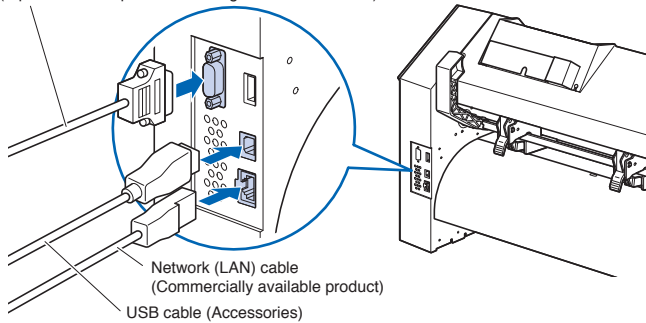
It will return to default screen.

## Connection to computer

Make a connection between the cutting plotter and the computer using your interface cable. The available interface is USB/Network/RS-232C (It depends on the sales area.).

\* Please install driver before connecting.

RS-232C cable (commercially available product)  
(9-pin female - 9-pin female straight connected cable)

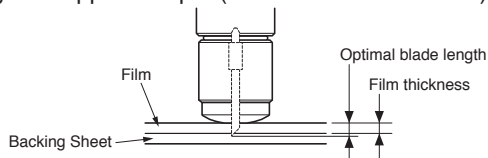


## Preparation of cutter plunger

Set the cutter blade in the cutter plunger and then use it with the cutter plotter. Set the cutter blade in the cutter plunger according to the instruction manual supplied with the cutter plunger.

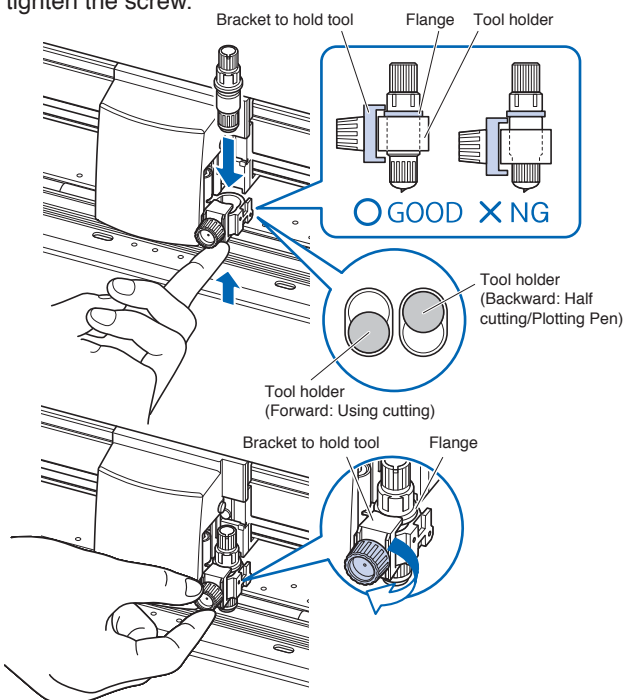
## Adjusting the blade length

Refer to the instruction manual supplied with the cutter plunger and adjust the blade length according to the media. When a general cutting sheet is used, the blade length that is shorter than the combined thickness of film and backing sheet and longer than the thickness of film is optimal. When using the thin media such as a film, adjust the blade length using the supplied loupe. (Refer to User's Manual.)



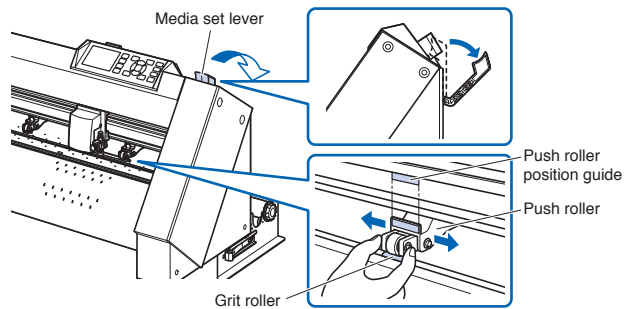
## Attaching a Tool

Loosen the screw of the tool holder and push the tool (plunger) completely until it touches the top surface of tool holder while pushing up the tool holder up. Make sure that the bracket (gray) is engaged on the tool's flange, and then tighten the screw.



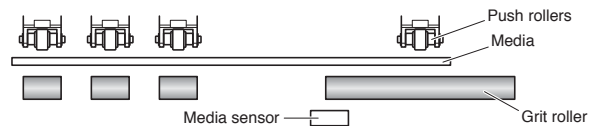
## Aligning the push roller

Lower the media set lever to raise the push rollers. Adjust the left and right push roller positions according to the width of the media. Use the roller position guide to place the push rollers on both ends of the media and the right push roller on the rightmost wide grit roller.



For models with Four or more push rollers, place the push rollers other than both ends on the grit roller.

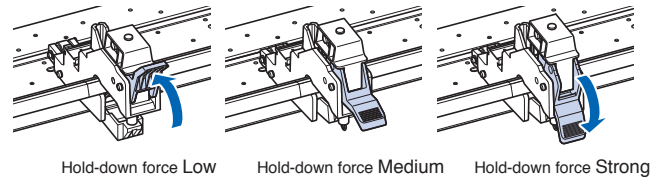
### <Example of model with four push rollers>



## Push roller's hold-down force

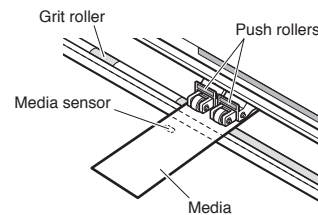
In models with a push roller's hold-down force switching mechanism, make the left and right push roller's hold-down force equal.

For details on the each push roller's force setting, refer to the instruction manual. (CE7000-130/CE7000-160 only)

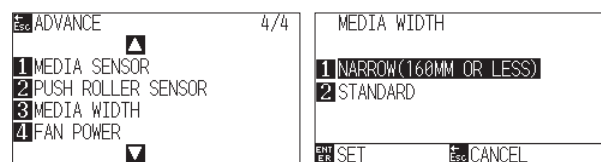


## When narrow media (160 mm or less) is used

Use the rightmost wide grit roller to set the media on the media sensor.

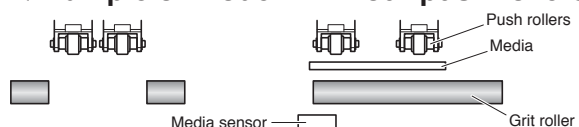


On CE7000-130/160, use the two push rollers on the right side and set "MENU" - "ADVANCE" - "MEDIA WIDTH" to "NARROW".



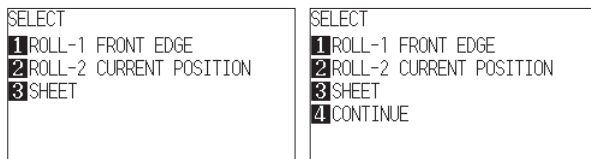
Set the third and subsequent push rollers to Low hold-down force, and do not place them on the grit roller.

### <Example of model with four push rollers>



## Media set selection

Load the media, raise the media set lever, and lower the push roller. Select the media type according to the set media type.



### 1 ROLL-1 FRONT EDGE:

The media is cut from the front edge. The media width and front edge are detected.

### 2 ROLL-2 CURRENT POSITION:

The media is cut from the set position. Only the media width is detected.

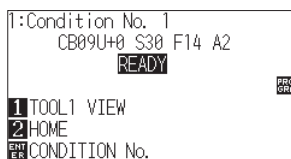
### 3 SHEET:

The sheet media is cut. The media width, front edge and back edge of sheet media are detected.

### 4 CONTINUE:

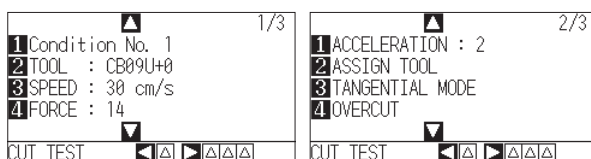
This is displayed when the media set lever is raised and lowered again after loading the media once. The previous plotting/cutting range and tool position are maintained.

After the media is detected, the Ready screen is displayed.



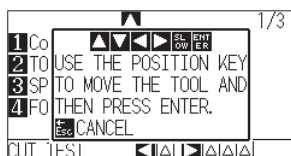
## Cutting condition setting

Press the "COND/TEST" key and set the cutting conditions. TOOL, OFFSET, SPEED, FORCE and ACCELERATION are included in the setting items. For details on each setting item, refer to the USER'S MANUAL.



## Cutting test

Press the [◀] key on the CONDITION setting screen to start a test cut.



Check the result of the test cut and adjust the SPEED, FORCE and ACCELERATION to the optimum value. When a general cutting media is used, set to a value that will cause a thin scratch on the backing sheet.

## How to check offset

Check if the offset value is set correctly by following.



The corners are rounded:  
Not enough adjustment. Increase the offset value.



The corner is cut cleanly:  
Optimal offset value.



The corner is sticking out like the mustache:  
Too much adjustment. Decrease the offset value.

## Data output

The data is output from application and media is cut.