1. Check the content

1. Check the content.
2. Following accessories are attached to the plotter. Refer to the list and check the accessories.

- Power cable/USB cable 1 set
- Cutter plunger - 1 set
- Cutter Blade (CB09UA) - 1 set
- Water based fiber pen - 1 set
- User guide CD-ROM - 1 set
- Media Cutter - 1 set
- Setup manual (this manual) 1 set
- Note on Use - 1 set

2. Prepare the connection cable

Note: The RS-232C is an option.
Connect the plotter to PC with one of the following cables.

- Power cable/USB cable
- USB cable

Select the cable according to the specification of the application software or the availability of the communication port on your PC. Use Graphtec-recommended cable for reliable operation.

If you plan to use the ROBO Master-Pro software and the Cutting Plotter Controller, use the USB cable to connect the plotter to the computer.

3. Connect the power source

Note: Remove all transportation tapes.

Let out the power cord.

1. Turn the power switch to "O" position. 2. Connect the power cord.

4. Install the software

Note: This manual explains the case of Windows XP.
When you install the software, you need to have computer administrator’s rights.

If you are using the Windows NT, read “readme” file in the English folder of attached CD-ROM.

Launch Windows, then insert the User guide CD-ROM into the CD-ROM drive of the PC.

A little later, the start window is displayed. Press “Install CE5000” button to install the software and driver.

The installed software

- Print & Cut Software (ROBO Master Pro)
- Cutting Plotter Controller
- Plotter Driver
- Acrobat Reader
- Illustrator Plug-in/Cutting Master
- Plotter Driver

Note: If it is not displayed, press START menu of the Windows, then select the Run. Select [CD-ROM]-Multisetup.exe and press the OK button.

If you are using the Windows2000/Me, press START menu, then select Run. Then select CD-ROM:English\Setup.exe and press the OK button.

In case of the Windows2000Me, it is compatible with the CE5000 driver, so skip to the section D-3.

Follow the installation wizard.

Note: If “Software License Agreement” is displayed, check the description. If you agree to the license agreement, press the Yes button.

If you press “Install CE5000 Software” button, the following window is displayed.

Confirm the setup items, then press the OK button.

Install CE5000 Software

- Print and Cut software (ROBO Master Pro)
- The software for the CE5000 plotter.

Install the Print and Cut software (ROBO Master Pro) according to the instruction on the screen.

The ROBO Master-Pro works only when installed to the CE5000 using the USB interface.

Note: The ROBO Master-Pro is an application software which has easy-to-use driving function and has a function to output to the CE5000 and printers.

B-1. Press the Next button.  B-2. Press the Yes button.


B-5. Press the Next button.  B-6. Press the Finish button.

B-7. Press the Finish button.

E-1. Press the Next button.
E-2. Select “No, not this time”, then press the Next button.
E-3. Select “Install the software automatically (Recommended)”, then press the Next button.
E-4. Press the Next button. Install the screen which is selected as a default.


P-1. Press the Finish button.

P-2. Press the OK button.

P-3. Follow the instructions displayed on the screen and then press the Next button.

P-4. Follow the instructions displayed on the screen.

P-5. Press the Next button.

P-6. Press the Yes button.

F-1. Press the English Version button.

F-2. Select “Yes, this time”. Press “Install” button.

F-3. Follow the instructions displayed on the screen.

F-4. Select the language that you wish to use and then press the OK button.

F-5. Press the OK button.

F-6. Press the Yes button.

F-7. Follow the instructions displayed on the screen and then press the Yes button.

F-8. Press the Yes button.

F-9. Press the Finish button.

To install Illustrator plug-in go to step 1, otherwise go to step 12.

Illustrator Plug-in

Install Acrobat Reader

The Acrobat Reader is necessary to read attached users manual. If the Acrobat Reader is not installed to your PC, press “Acrobat Reader” to install it.

A-1. Press the Next button.

A-2. A little later, a pop-up window is displayed. Press “Install CE5000” button to install the software and driver.

A-3. Follow the installation wizard.

Note: If it is not displayed, press START menu of the Windows, then select Run. Select [CD-ROM]:\MultiSetup.exe and press OK button.

Note: If specified port isn’t available on the PC, the following window is displayed and the destination port is changed to “File”.

Please use the RS-232C (serial) connection instead.

In case of USB connection, the port is changed to “File”.

Note: E-2 and E-4 may not be displayed on certain computers.

Install the driver software according to the instructions on the screen.

D-1. Press the OK button.
D-2. Confirm that the CE5000 is not connected with the PC, then press the OK button.

D-3. Press the OK button.
D-4. Select the port then press the OK button.

D-5. Press “Continue anyway” button.

D-6. Press the OK button.

If specified port isn’t available on the PC, the following window is displayed and the destination port is changed to “File”.

Note: If you use the Illustrator 8 or 9 for Macintosh, please read “Plug-in for Illustrator.pdf”.

To install Illustrator plug-in to step 1, otherwise go to step 12.

Print & Cut Software (ROBO Master Pro)

The installed software

- Print & Cut Software (ROBO Master Pro)
- ROBO Master-Pro is the main application software to control the Cutting Plotter CE5000 series.

CE5000 SERIES

SETUP MANUAL

This Setup Manual describes the procedures required for setup. For operation procedures and details of how to setup, refer to manual that are on attached CD-ROM provided with the CE5000 plotter.

* Please refer to the manual on the attached CD-ROM.

* Windows and Windows XP are registered trademark of Microsoft Corporation in USA and other counties.

* Adobe Illustrator and Premiere are registered trademark of Adobe Systems Incorporated.

* Acrobat Reader is necessary to read the CE5000 User’s Manual PDF files that are included in the CD-ROM provided with the CE5000 plotter.
**CE5000 SERIES OPERATION MANUAL**

**Caution**
To avoid bodily injury, always handle the cutter blade with caution.

---

### 1 Preparing the cutter blade and the cutter pen plunger

- **Adjusting the cutter blade length**
  - [Image of adjusting the cutter blade length]

- **Pen bracket**
  - [Image of pen bracket]

- **Flange**
  - [Image of flange]

- **Insert the cutter blade**
  - [Image of inserting the cutter blade]

- **Cutter blade**
  - [Image of cutter blade]

- **Mounting the cutter pen plunger**
  - [Image of mounting the cutter pen plunger]

- **Cutter pen plunger**
  - [Image of cutter pen plunger]

- **Insert the cutter blade**
  - [Image of inserting the cutter blade]

- **Cutter pen plunger**
  - [Image of cutter pen plunger]

- **Pen bracket**
  - [Image of pen bracket]

- **Flange**
  - [Image of flange]

- **Cutter blade**
  - [Image of cutter blade]

### 2 Mounting the cutter pen plunger

- **Mount**
  - [Image of mounting]

- **Flange**
  - [Image of flange]

- **Pen bracket**
  - [Image of pen bracket]

- **Insert the cutter blade**
  - [Image of inserting the cutter blade]

- **Cutter blade**
  - [Image of cutter blade]

### 3 Loading the media

- **1. Lower the set lever**
  - [Image of lowering the set lever]

- **2. Setting the roll media stand**
  - [Image of setting the roll media stand]

- **3-2. Pass the sheet media through the CE5000**
  - [Image of passing sheet media through]

- **3-1. Pull out the roll media and pass through the CE5000**
  - [Image of pulling out roll media]

### 4 Turn on the cutting plotter

- **Adjusting the media**
  - [Image of adjusting media]

- **Select media mode**
  - [Image of selecting media mode]

- **Select a blade**
  - [Image of selecting blade]

### 5 Select the media mode

- **Adjusting the cutter pen plunger**
  - [Image of adjusting cutter pen plunger]

- **Mounting the cutter pen plunger**
  - [Image of mounting cutter pen plunger]

- **Pen bracket**
  - [Image of pen bracket]

- **Cutter blade**
  - [Image of cutter blade]

- **Cutter pen plunger**
  - [Image of cutter pen plunger]

- **Flange**
  - [Image of flange]

### 6 Setting the cutting conditions

- **Adjust the push roller position**
  - [Image of adjusting push roller position]

- **Select media mode using arrow keys**
  - [Image of selecting media mode]

- **Select a blade**
  - [Image of selecting blade]

- **Select the setting condition number**
  - [Image of selecting setting condition]

- **Press the TEST key**
  - [Image of pressing TEST key]

- **Move the cursor to adjust the offset value**
  - [Image of moving cursor]

- **Press the COND key**
  - [Image of pressing COND key]

- **Press the ENTER key**
  - [Image of pressing ENTER key]

- **If the ENTER key is pressed, then the setting conditions are stored into the memory**
  - [Image of storing setting conditions]

### Table: Setting the cutting conditions

<table>
<thead>
<tr>
<th>Material</th>
<th>Thickness (mm)</th>
<th>Blade</th>
<th>Cutting force</th>
<th>Speed</th>
<th>Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outdoor vinyl</td>
<td>0.20 to 0.25</td>
<td>CB15U</td>
<td>10-14</td>
<td>1-20</td>
<td>1-2</td>
</tr>
<tr>
<td>Fluorescent film (for small size character cutting)</td>
<td>0.08 to 0.1</td>
<td>CB09UA</td>
<td>14-17</td>
<td>1-30</td>
<td>2</td>
</tr>
<tr>
<td>Reflection film</td>
<td>0.08 to 0.1</td>
<td>CB09UA</td>
<td>14-20</td>
<td>1-30</td>
<td>2</td>
</tr>
<tr>
<td>Fluorescent film</td>
<td>0.08 to 0.1</td>
<td>CB09UA</td>
<td>14-20</td>
<td>1-30</td>
<td>2</td>
</tr>
<tr>
<td>Film for decoration</td>
<td>0.05 to 0.08</td>
<td>CB15UB</td>
<td>10-14</td>
<td>1-20</td>
<td>1</td>
</tr>
<tr>
<td>Outdoor vinyl</td>
<td>0.20 to 0.25</td>
<td>CB09UA</td>
<td>10-14</td>
<td>1-30</td>
<td>1</td>
</tr>
<tr>
<td>Transparent/translucent film</td>
<td>0.08 to 0.1</td>
<td>CB09UA</td>
<td>14-20</td>
<td>1-30</td>
<td>2</td>
</tr>
</tbody>
</table>

**Caution:** Be sure to keep your hands, hair, and face away from the moving parts.

---

If the ENTER key is pressed, then the setting conditions are stored into the memory.

![Image of adjusting media](image-url)

![Image of selecting media mode](image-url)

![Image of selecting blade](image-url)

![Image of selecting setting condition](image-url)

![Image of pressing TEST key](image-url)

![Image of pressing ENTER key](image-url)

![Image of storing setting conditions](image-url)