

SC-F6400 Series
SC-F6400H Series

General Information

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Specifications Table


Notes on Manuals


Notes on Manuals

Meaning of Symbols


This manual uses the following symbols to indicate dangerous operations or handling procedures to prevent harm to users or other people or damage to property. Make sure you understand these warnings before reading the content of this manual.

 Warning:	Warnings must be followed to avoid serious bodily injury.
---	---

 Caution:	Cautions must be followed to avoid bodily injury.
---	---

 Important:	Important must be followed to avoid damage to this product.
--	---

Note:	Notes contain useful or additional information on the operation of this product.
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	Indicates related reference content.
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Screenshots

The screenshots used in this manual may differ slightly from the actual screens.

Illustrations

Unless otherwise specified, illustrations used in this manual are for SC-F6400 Series.

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

Manual Organization

The manuals for the product are organized as shown below.

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

Setup Guide (booklet)	Provides information on how to setup the printer after unpacking it from the box. Make sure you read this manual to perform operations safely.
General Information (this manual)	This manual provides specifications and contact details for the product.
Safety Instructions	This section provides information that must be followed to prevent harm to users or other people or damage to property. Make sure you read this section to perform operations safely and correctly. For some regions, this content is included in the Setup Guide.
Epson Support (PDF)	Provides information about Epson Support for each region.
Online Manuals	
User's Guide (PDF)	This manual explains how to use the printer.
Epson Video Manuals	These videos show you how to load media and perform maintenance.
Network Guide (PDF)	This manual provides information on using the printer over a network.
Epson Support (PDF)	Provides information about Epson Support for each region.

Notes on Manuals

Opening and Viewing Manuals

Opening Manuals

- 1 See the "Setup Guide" and execute software installation from the supplied software disc or from Setup Navi.
When installation is complete, an [EPSON Manuals] icon is created on the desktop of the computer being used.
- 2 Double-click the [EPSON Manuals] icon on the desktop.
- 3 Select the manual you want to view.
When [Online Manuals] is selected, your Web browser opens and the top page of Online Manuals is displayed.
Click the manual or item you want to view.

You can view the Online Manuals in an environment that can connect to the Internet.

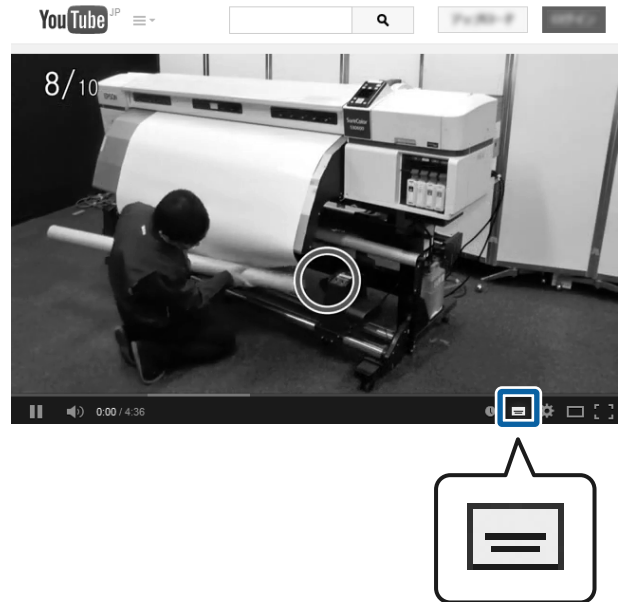
Viewing Video Manuals

The video manuals have been uploaded to YouTube.

Click [Epson Video Manuals (video)] from the top page of Online Manuals, or click the following blue text to view the manuals.

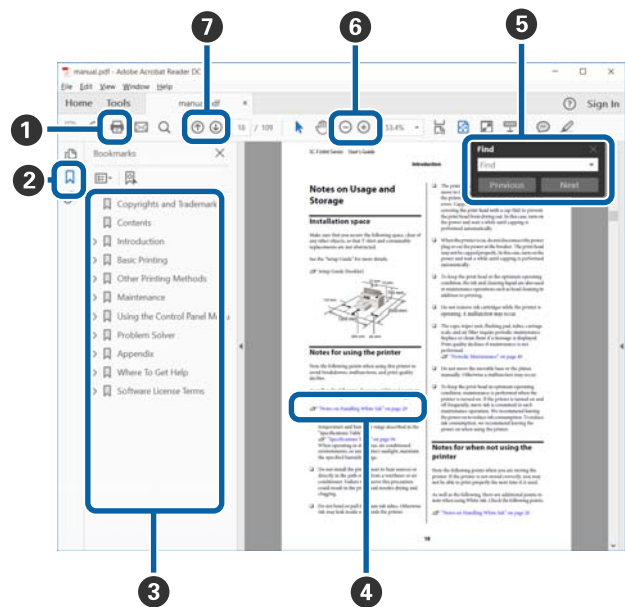
[Epson Video Manuals](#)

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



Viewing PDF Manuals

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



- 1 Click to print the PDF manual.
- 2 Each time it is clicked the bookmarks are hidden or shown.

Notes on Manuals

- ③ Click the title to open the relevant page.

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

- ④ If the reference is in blue text, click the blue text to open the relevant page.

To return to the original page, do the following.

For Windows

While pressing the Alt key, press the ← key.

For Mac

While pressing the command key, press the ← key.

- ⑤ You can input and search for keywords, such as the names of items you want to confirm.

For Windows

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

For Mac

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

- ⑥ To enlarge text in the display that is too small to see well, click ⊕. Click ⊖ to reduce the size. To specify a part of an illustration or screenshot to enlarge, do the following.

For Windows

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

For Mac

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

- ⑦ Opens the previous page or next page.

Supported Media Types

Supported Media Types

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

 **Important:**

Do not use media that is wrinkled, has fluff, is ripped, or stained.

Roll media

Roll core size (core diameter)	2 or 3 inches
Roll outer diameter	Up to 150 mm
Media width*	254 mm (10 inches) to 1118 mm (44 inches)
Media thickness	0.08 to 0.5 mm

* 432 mm (17 inches) to 1118 mm (44 inches) when using the auto take-up reel unit

Using the Printer

Using the Printer

This section explains the procedures from loading media to printing.

To obtain optimum print quality, you need to download the necessary EMX files (print setup files), check the nozzles, and make print adjustments. See the *User's Guide* (Online Manual) for more details on performing operations.

Printing Process

1. Loading the Media

["Loading the Media" on page 8](#)



2. Making Settings for the Loaded Media

["Making Settings for the Loaded Media" on page 8](#)



3. Loading into the Auto Take-up Reel Unit

SC-F6400 Series is an optional item.

["Loading into the Auto Take-up Reel Unit" on page 9](#)



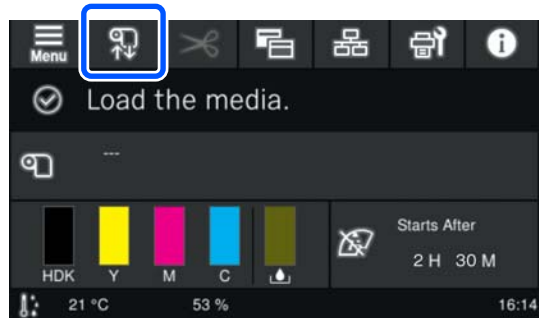
4. Printing

["Printing" on page 9](#)

Loading the Media

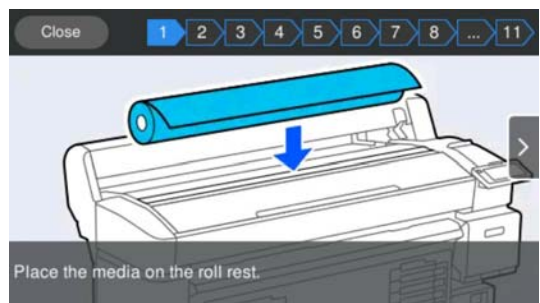
You can load media while viewing the procedure on the screen.

- 1 Check that **Load the media.** is displayed on the screen, and then press .



- 2 Press **Start - See Description** on the screen to check the loading procedure.

You can then follow the on screen instructions.



Making Settings for the Loaded Media

Make settings for the loaded media.

- 1 Press **Media** to select the registered media number that corresponds to the loaded media.



When media settings have not been registered for the loaded media

Temporarily select an unregistered number.

Using the Printer

In an unregistered status, the media type is set to **Med-Thick 70g/m²**. If the paper weight of the loaded media is 61 to 89 g/m², you can leave this as it is.

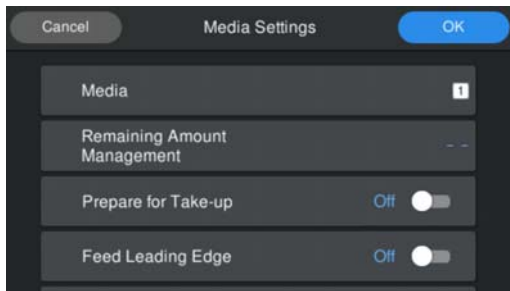
If the paper weight differs from that of the loaded media, change the media type. Failure to select the appropriate media type can cause print quality problems.

[User's Guide \(Online Manual\)](#)

When media settings have been registered for the loaded media/EMX files have already been downloaded

Select the registered media number.

- 2** If necessary, set the action to be performed when feeding paper.



The following shows the details for each operation.

Prepare for Take-up	Displayed when the auto take-up reel unit is installed. After feeding media, set this to On to continue loading media into the take-up reel unit.
Cut Leading Edge	Set this to On when the leading edge of the loaded media is not straight or is not cut neatly.
Feed Leading Edge	Set this to On when the remaining media value is printed on the leading edge of the loaded media. The printed section is fed forward to avoid printing over it.

Note:

If necessary, set **Remaining Amount Management and Media Detection** when the printer is ready to print.

[User's Guide \(Online Manual\)](#)

- 3** Press **OK** when you have finished making settings.

Media feeding starts.

See the following when the auto take-up reel unit is not installed, or when **Prepare for Take-up** is set to **Off**.

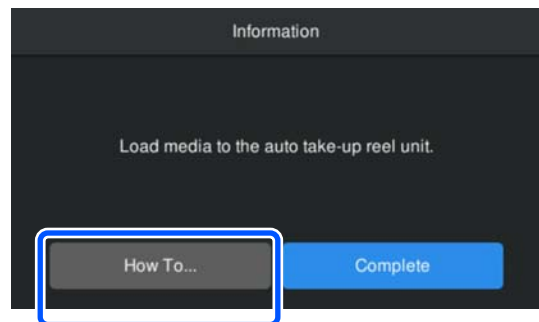
["Printing" on page 9](#)

See the next section when **Prepare for Take-up** is set to **On**.

Loading into the Auto Take-up Reel Unit

You can load media into the auto take-up reel unit while viewing the procedure on the screen.

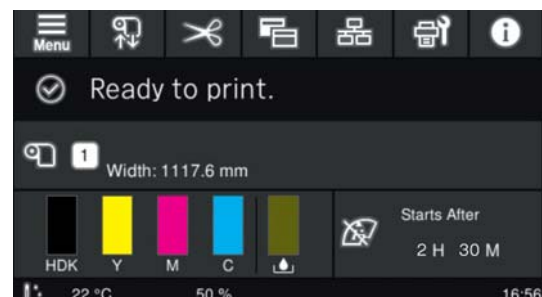
- 1** Press **How To...**



- 2** Press **Complete** when you have finished loading media.

Printing

When **Ready to print.** is displayed on the screen, you can start printing.



System conditions

System conditions

The software can be used in the following environments. (As of May, 2022)

Supported OS and other elements may change.

For the latest information, see the Epson Web site.

Epson Edge Dashboard

Important:

Make sure the computer on which the Epson Edge Dashboard is installed meets the following requirements.

If these requirements are not met, the software cannot monitor the printer correctly.

- Disable your computer's hibernate function.*
- Disable the sleep function so that the computer does not enter sleep status.*

Windows

Operating system	Windows 7 SP1 / Windows 7 x64 SP1 Windows 8 / Windows 8 x64 Windows 8.1 / Windows 8.1 x64 Windows 10 / Windows 10 x64 Windows 11
CPU	Intel Core2Duo 2.5GHz or more
Free memory	1 GB or more
Hard disk (free space during installation)	2 GB or more
Display resolution	1280 × 1024 or better
Communication interface	High Speed USB Ethernet 1000Base-T
Browser	Internet Explorer 11 Microsoft Edge

Mac OS X

Operating system	Mac OS X 10.7 Lion or later
CPU	Intel Core2Duo 2.5GHz or more
Free memory	1 GB or more

System conditions

Hard disk (free space during installation)	2 GB or more
Display resolution	1280 × 1024 or better
Communication interface	High Speed USB Ethernet 1000Base-T
Browser	Safari 6 or later

Epson Edge Print

Operating system	Windows 7 SP1 x64 Windows 8 x64 Windows 8.1 x64 Windows 10 x64 Windows 11
CPU	Intel® Core™ i3 3.0 GHz or higher (released after April 2014)
Free memory	8 GB or more
Hard disk (free space during installation)	50 GB or more
Display resolution	1280 × 1024 or better
Communication interface	High Speed USB Ethernet 100Base-TX/1000Base-T

We recommend installing this software on a computer with high specifications since the software will be used in combination with software applications such as Adobe Illustrator.

Also, this software normally handles data that is several GB in size, and in some cases may be tens of GB in size particularly when performing high quality banner printing jobs.

We therefore recommend using a computer with sufficient hard disk space.

Web Config

The following is a list of supported browsers. Make sure you are using the latest version.

Internet Explorer 11, Microsoft Edge, Firefox, Chrome, Safari

Specifications Table

Specifications Table

Printer Specifications	
Printing method	On-demand ink jet
Nozzle configuration	SC-F6400 Series: 400 nozzles x 2 rows x 4 colors (High Density Black, Cyan, Magenta, Yellow)
	SC-F6400H Series: 400 nozzles x 1 row x 6 colors (High Density Black, Cyan, Magenta, Yellow, Light Cyan/ Fluorescent Pink/Violet, Light Magenta/Fluorescent Yellow/ Orange)
Resolution (maximum)	600 x 1200 dpi
Control code	ESC/P raster (undisclosed command)
Media feed method	Friction feed
Built-in memory	1 GB
Interface	SuperSpeed USB 100Base-TX/1000Base-T*1
Rated voltage	AC100 to 240 V
Rated frequency	50 to 60 Hz
Rated current	3.4 to 1.6 A
Power consumption	
Printing	Approx. 80 W
Sleep mode	Less than 19 W
Power off	Less than 0.3 W
Temperature and humidity (without condensation)	

Printer Specifications																									
Printing	10 to 35°C, 20 to 80% Recommended: 15 to 25°C, 40 to 60%																								
In storage (Before unpacking)	-20 to 60°C, 5 to 85% (Within 120 hours at 60 °C, within a month at 40 °C)																								
In storage (Before charging ink)	-20 to 40°C, 5 to 85% (Within a month at 40 °C)																								
In storage (After charging ink)	5 to 35°C, 5 to 85%																								
<p>Temperature and humidity range</p> <p>Gray area: Operating</p> <p>Cross-hatch lines: Recommended</p> <table border="1"> <caption>Operating and Recommended Temperature and Humidity Ranges</caption> <thead> <tr> <th>Temperature (°C)</th> <th>Operating Humidity (%)</th> <th>Recommended Humidity (%)</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>80</td> <td>60</td> </tr> <tr> <td>15</td> <td>80</td> <td>60</td> </tr> <tr> <td>20</td> <td>80</td> <td>60</td> </tr> <tr> <td>25</td> <td>80</td> <td>60</td> </tr> <tr> <td>27</td> <td>80</td> <td>60</td> </tr> <tr> <td>30</td> <td>70</td> <td>60</td> </tr> <tr> <td>35</td> <td>55</td> <td>60</td> </tr> </tbody> </table>		Temperature (°C)	Operating Humidity (%)	Recommended Humidity (%)	10	80	60	15	80	60	20	80	60	25	80	60	27	80	60	30	70	60	35	55	60
Temperature (°C)	Operating Humidity (%)	Recommended Humidity (%)																							
10	80	60																							
15	80	60																							
20	80	60																							
25	80	60																							
27	80	60																							
30	70	60																							
35	55	60																							
Dimension																									
When stored	Printer: (W) 1608 × (D) 745 × (H) 1128 mm When the auto take-up reel unit is installed: (W) 1608 × (D) 916 × (H) 1128 mm																								
Maximum time	Printer: (W) 1608 × (D) 745 × (H) 1206mm When the auto take-up reel unit is installed: (W) 1608 × (D) 916 × (H) 1206mm																								
Weight																									
SC-F6400 Series	120 kg*2																								
SC-F6400H Series	140 kg*3																								

Specifications Table

- *1 Use a shielded twisted pair cable (category 5e or better).
- *2 Not including ink packs and auto take-up reel unit.
- *3 Not including ink packs.

Auto take-up reel unit specifications*	
Media width	431.8 mm (17 inches) to 1118 mm (44 inches)
Media outer diameter	3 inch core: up to 150 mm
Gross weight	Approx. 13 kg
Temperature and humidity (without condensation)	Recommended: 15 to 25°C, 40 to 60% When operating: 10 to 35°C, 20 to 80%
Rated voltage	AC100 to 240 V
Rated frequency	50 to 60 Hz
Rated current	1.0 to 0.5 A
Power consumption	Printing: Approx. 5.4 W Sleep mode: Approx. 2.8 W Power off: Approx. 0.45 W

* SC-F6400 Series is an optional item.

Ink Specifications	
Type	Dedicated ink supply unit
Sublimation dye ink	SC-F6400 Series: High Density Black, Cyan, Magenta, Yellow
	SC-F6400H Series: High Density Black, Cyan, Magenta, Yellow, Light Cyan, Light Magenta, Fluorescent Pink, Fluorescent Yellow, Violet, Orange
Use by date	See the expiration date printed on the ink pack (store at normal temperature)
Print quality guarantee expiry	One year from printer installation
Storage temperature	5 to 35°C
External dimensions (approx.)	(W) 180 × (D) 410 × (H) 30 mm
Capacity	1600ml

Note:

To ensure your printouts have consistent coloring, keep the room at a constant temperature between 15 and 25°C.

 **Important:**

Use the printer at an altitude of 2000 m or less.

 **Warning:**

This is a class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

Information of EU declaration of conformity

The full text of the EU declaration of conformity of this equipment is available at the following internet address.

<https://www.epson.eu/conformity>