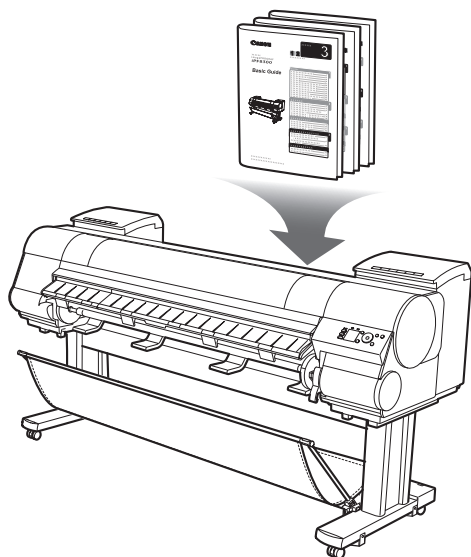


Canon

Large-Format Printers  
imagePROGRAF  
iPF8300

# Basic Guide



Printer Relocation

Printer Driver  
Installation

3

1 2

This Basic Guide includes three booklets.

Be sure to read "▲Safety Precautions" in the first booklet, **1** Printer Operations.

## Printer Operations

1

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## Printer Relocation

3

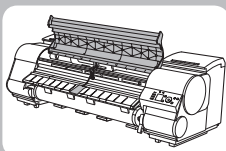
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## Printer Driver Installation

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Read this manual before attempting to operate the printer.  
Keep this manual in a handy location for future referencing.

ENG



## Preparing to Transfer the Printer

Prepare to transfer the printer as follows.

To protect the internal parts in transit, always follow these steps before transferring the printer to a new location. Refer to the Setup Guide for details on packing the printer and installing it after transfer.



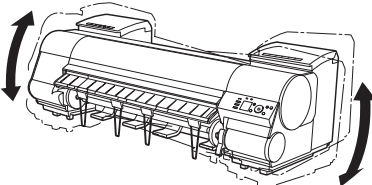
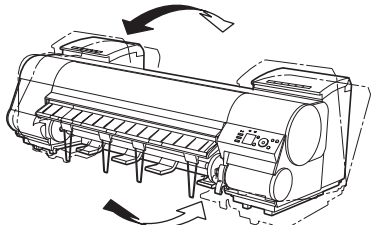
Important

- Be sure to contact your Canon dealer before transferring the printer to a new location. Ink may leak and damage the printer if you do not prepare the printer correctly and it is tipped or stood on end in transit.



MEMO

- It is not possible to prepare the printer for transfer if the **Display Screen** requests you to replace the Maintenance Cartridge or check the remaining capacity. Replace the Maintenance Cartridge before transfer preparations. (→ **1**, Replacing the Maintenance Cartridge)
- Depending on the state of the printer, part replacement may be necessary when preparing to transfer the printer (that is, when you execute the printer menu item to prepare for transfer).
- Ink must be drained before Level 2 or Level 3 printer transfer, as described in the following table. Prepare a Maintenance Cartridge in advance.
- Always follow the instructions of the service representative when transferring the printer under Level 3 conditions.

Level	Shipping Method (Example)	Permitted Angle of Inclination	Amount of Ink to Dispose of	Required Maintenance Cartridges(*1)
1	By truck	Lengthwise: 0–30°  Rotation: 0–10° 	0	0 or 1
2	By plane	All directions: 0–30°	Approx. 600 ml (20.3 fl oz)	1 or 2
3	Tipping the printer or holding it upright for elevators or stairs	Lengthwise: 0–90° Rotation: 0–30°	Approx. 1.9 L (64.2 fl oz)	2 or 3

\*1: The quantity of cartridges required depends on the capacity of the Maintenance Cartridge in use.

## Remove paper

# 1

Remove the paper.

Rolls: (→ **1**, Removing the Roll from the Printer)

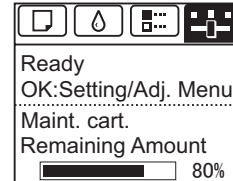
Sheets: (→ **1**, Removing Sheets)

## Access the Prep.MovePrinter menu

# 1

On the **Tab Selection** screen of the **Control Panel**, press

◀ or ▶ to select the **Settings/Adj. tab** (.



MEMO

- If the **Tab Selection** screen is not displayed, press the **Menu** button.

# 2

Press the **OK** button.

The **Set./Adj. Menu** is displayed.

# 3

Press ▲ or ▼ to select **Prep.MovePrinter**, and then press the **OK** button.

# 4

Press ▲ or ▼ to select the level of transfer, and then press the **OK** button.

# 5

Press ▲ or ▼ to select **Execute**, and then press the **OK** button to display the confirmation screen.

# 6

Press ▲ or ▼ to select **Yes**, and then press the **OK** button.

The printer is now prepared for transfer.

### • Level 1

Once preparations are finished, a message on the **Display Screen** requests you to turn off the printer.

Turn off and pack the printer. There is no need to remove the ink tanks.

### • Level 2 and Level 3

Once preparations are finished, a message on the **Display Screen** requests you to open the **Ink Tank Cover**.

Remove the ink tanks before packing the printer.

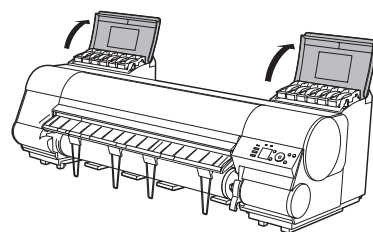


Important

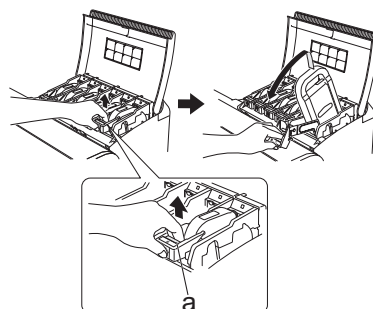
- If consumables must be replaced, the message **Consumables must be replaced. Call for service.** is shown on the **Display Screen** and preparation is not possible. If this message is displayed, press the **OK** button and contact your Canon dealer for assistance.

## Remove the Ink Tank

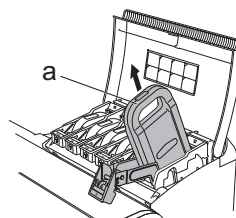
- 1** Open the left and right ink tank covers.



- 2** Lift the stopper (a) of the **Ink Tank Lock Lever**. Lift the **Ink Tank Lock Lever** until it stops, and then push it down to the front.



- 3** Hold the Ink Tank by the handle (a) and remove it. Press the **OK** button.

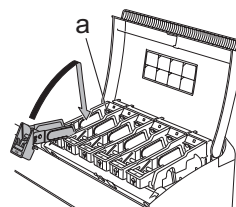


- Store the Ink Tank you removed in the box with the ink hole (a) facing up. Otherwise, ink may leak and cause stains.



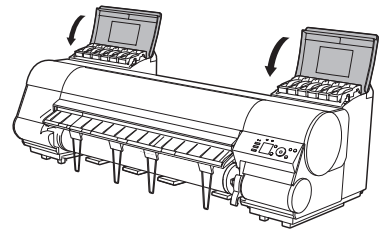
- 4** Repeat steps 2 and 3 to remove all ink tanks.

- 5** Push down the release lever (a) as shown as you gently return all ink tank lock levers to the original position.



# 6

Close the **Ink Tank Cover**.



At this point, ink is drawn out from inside the tubes.



Important

- Do not remove the Maintenance Cartridge during this process.

When the process is finished, **Preparations for moving the printer finished. Turn the power off** is displayed.

## Pack the printer

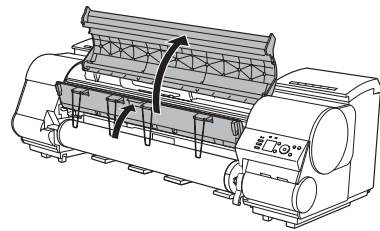
- 1 Press the **Power** button and turn off the printer.



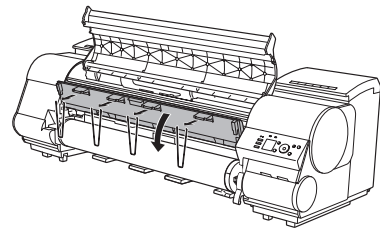
- Turn off the printer before you unplug it. It may damage the printer if you unplug it before it is off and transfer it in that state. If you accidentally unplug the printer, plug it in again, reinstall the ink tanks, and follow this procedure again.

- 2 Disconnect the power cord, interface cable, and **Media Take-up Unit Power Inlet**.

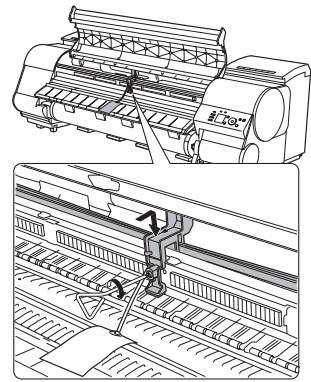
- 3 Open the **Top Cover** and lift the **Ejection Guide**.



- 4 Remove the four ejection supports and lower the **Ejection Guide**.



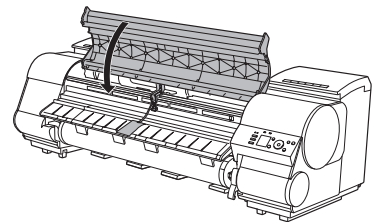
- 5** Grasp the **Belt**, insert it between the **Belt Stopper**, and affix the **Belt Stopper** with a hex screw at the position indicated.



Important

- Here, the **Belt Stopper** is the one that was removed and stored after initial installation. Neglecting to attach the **Belt Stopper** may damage the printer.

- 6** Close the **Top Cover**.



- 7** Tape down printer covers to secure them, in the reverse order of tape removal during installation.

- 8** If the **Output Stacker** is installed, reverse the installation procedure to remove the **Output Stacker**.

- 9** Remove the **Stand** by reversing the installation procedure, when it was attached to the printer.

- 10** Disassemble and repackage the **Stand** by following the installation procedure in reverse.

- 11** Repack the **Roll Holder**, **Holder Stopper**, and printer in shipping materials, and then package them in a shipping box.



## Reinstalling the Printer

The basic workflow for reinstalling the printer is as follows.  
For detailed instructions, see the Setup Guide.

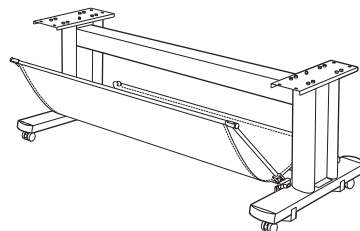
### Assemble the stand



Caution

- The **Stand** must be assembled by at least two people on a flat surface. Attempting assembly by yourself poses a risk of injury or bending the **Stand**.
- When assembling the **Stand**, lock the casters.  
In addition, always unlock the casters before moving the assembled **Stand**. Attempting to move the stand when the casters are locked poses a risk of injury or damage to the location site.

Referring to the Printer Stand Setup Guide, assemble the **Stand**.

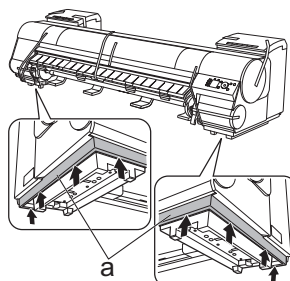


### Install the printer

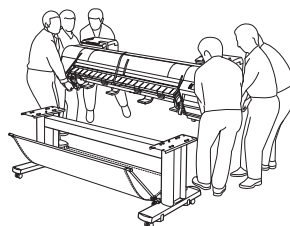


Caution

- The iPF8300 alone weighs approximately 111 kg (244.7 lb). Moving the printer requires at least six people, holding it on both sides. Be careful to avoid back strain and other injuries.
- When moving the printer, firmly grasp the **Carrying Handles** (a) under each side. The printer may be unsteady if you hold it at other positions, which poses a risk of injury from dropping the printer.



Mount the printer on the assembled **Stand** and tighten the screws firmly.



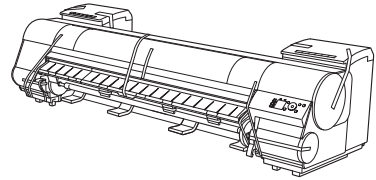


## Attach the media take-up unit (optional)

Referring to the Setup Guide included with the **Media Take-up Unit**, attach the **Media Take-up Unit**.

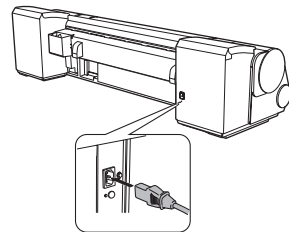
## Remove the packaging material

Remove tape and packaging material attached to the printer.



## Connect the power cord

Connect one end of the power cord to the **Power Supply Connector** on the back of the printer and plug the other end into the outlet.



## Turn the printer on

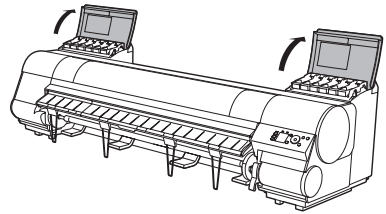
Press the power button to turn the printer on.



## Install the ink tanks

---

Open the **Ink Tank Cover** and install the ink tanks.

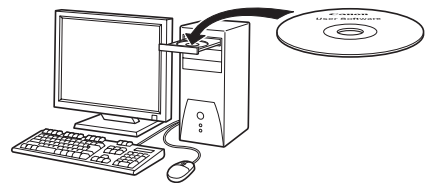


## Install the printer driver and manual

---

Note that the driver installation procedure varies depending on the type of connection.

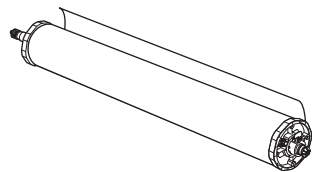
- (→ **3**, Installing the Printer Driver (Windows))
- (→ **3**, Installing the Printer Driver (Mac OS X))



## Attach the roll holder to a roll

---

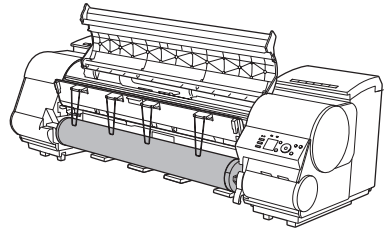
Attach the **Roll Holder** to the Roll Media.  
(→ **1**, Attaching the Roll Holder to Rolls)

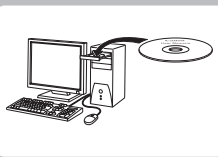


## Load rolls in the printer

---

Load the Roll Media in the printer.  
(→ **1**, Loading Rolls in the Printer)





## Installing the Printer Driver (Windows)

The basic instructions for installing the printer driver are as follows.  
For detailed instructions, see the Setup Guide.

### Compatible operating systems

Windows 7, Windows Vista, Windows Server 2008, Windows Server 2003, Windows XP, and Windows 2000

### Supported connection methods

The printer driver works over USB or network (TCP/IP) connections.  
The driver installation procedure varies depending on the type of connection.  
Follow these steps to install the printer driver and User Manual.

### Installing the printer driver and user manual



Important

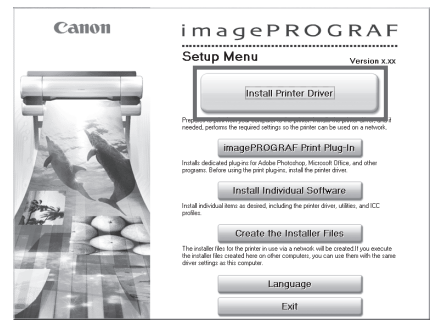
- When setting up a USB connection, connect the USB cable during printer driver installation following the instructions displayed.  
If you accidentally connect the USB cable first, the printer driver may not be installed correctly.
- When the printer is connected to a network (via TCP/IP), the printer's IP address may be changed if you reinstall the printer. In this case, be sure to reconfigure the printer's IP address.

**1** Turn the computer on.  
When setting up a TCP/IP (network) connection, after making sure the printer is on, connect the LAN cable to the Ethernet port on the back of the printer and to your network hub port.

**2** Insert the provided User Software CD-ROM for the appropriate operating system in the CD-ROM drive.

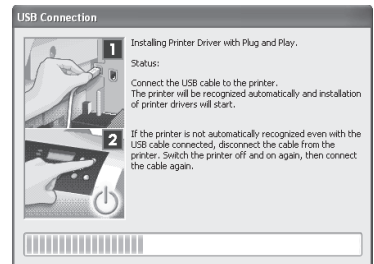


- 3** Follow the instructions displayed to complete installation.

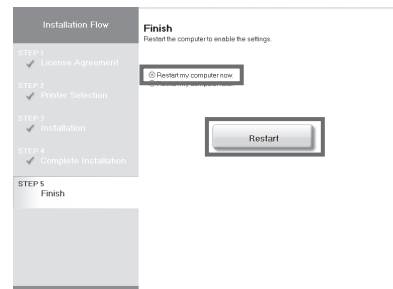


Important

- For USB connections, when the dialog box at right is displayed, make sure the printer is on and connect the printer and computer with the USB cable.

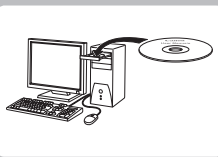


- 4** On the **Finish** window, select **Restart my computer now** and click **Restart**.  
Printer driver settings take effect after the computer restarts.



Next, install the User Manual.

- 5** When the **Install User Manual** dialog box is displayed, insert the provided User Manuals CD-ROM in the CD-ROM drive and follow the instructions displayed to complete installation.



# Installing the Printer Driver (Mac OS X)

The basic instructions for installing the printer driver are as follows.  
For detailed instructions, see the Setup Guide.

## Compatible operating systems

Mac OS X 10.3.9 or later

## Supported connection methods

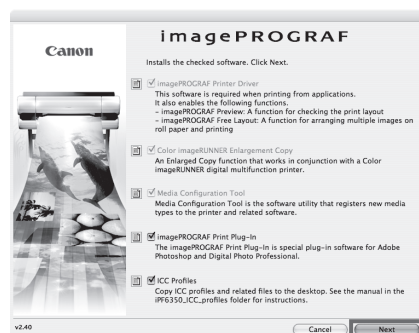
The printer driver works over USB or network (Bonjour or IP) connections.  
Follow these steps to install the printer driver and user manual.

## Installing the printer driver and user manual



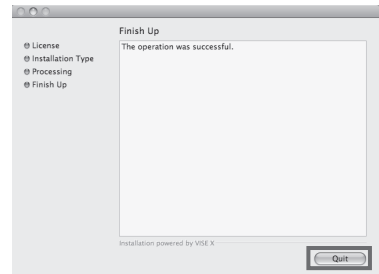
- When the printer is used over a network, the printer's IP address may be changed if you reinstall the printer. In this case, be sure to reconfigure the printer's IP address.

- 1 After confirming the printer is on, connect the printer to your computer or the network.
- 2 Turn the computer on.
- 3 Insert the provided User Software CD-ROM for the appropriate operating system in the CD-ROM drive.
- 4 Follow the instructions displayed to complete installation.



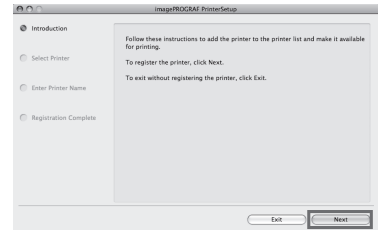
**5** After installation, click **Quit**.

Installation of the printer driver is now finished.  
Next, register the printer to set up.

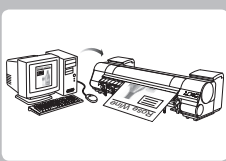


**6** Click **Next** and follow the instructions displayed to register the printer to set up and update the paper information.

Next, install the user manual.



**7** Insert the provided User Manuals CD-ROM in the CD-ROM drive and follow the instructions displayed to complete installation.



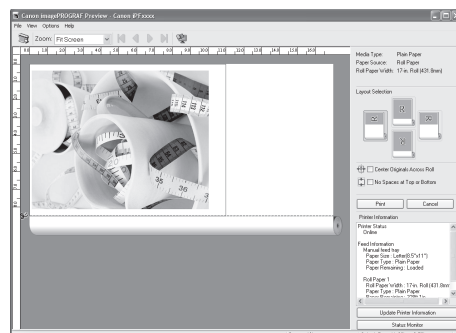
## Convenient Printer Driver Features

This section summarizes some convenient features of the printer driver. For detailed printer driver instructions, see the User Manual.

### Print Preview

Using the print preview function enables the following.

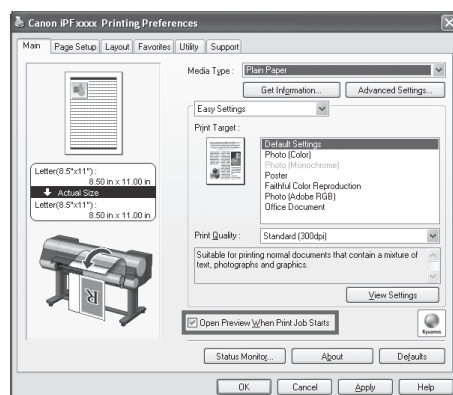
- Check an image of the document as arranged on the paper, in the position it will be printed.  
You can reduce printing costs by checking how documents will be printed beforehand, without the need to print them.
- Change the layout orientation relative to the paper.  
You can save paper by correcting the direction in which the document is arranged on the paper, if necessary.



### Instructions in Windows and Mac OS

#### Windows

- Access the **Main** sheet.
- Select the **Open Preview When Print Job Starts** check box.  
Check details in the **Information** dialog box displayed next and click **OK** to close the **Information** dialog box.
- After you click **OK**, when you print a job, the **imagePROGRAF Preview** window will be displayed.

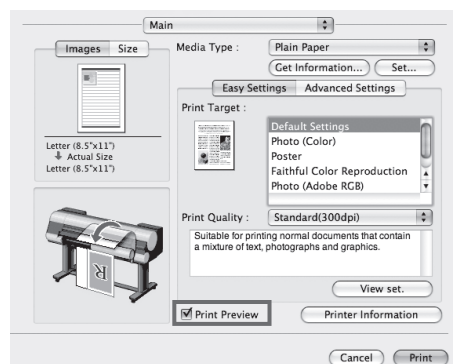


MEMO

- Under some settings and in some environments, **PageComposer** may be started.

#### Mac OS X

- In the **File** menu of the source application, choose the appropriate menu item for printer settings to display the **Print** dialog box.
- Access the **Main** pane.
- Select the **Print Preview** check box.
- After you click **Print**, the **Canon imagePROGRAF Preview** window will be displayed.

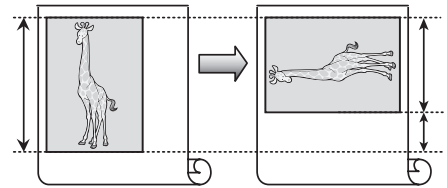




## Rotate Page 90 degrees (Conserve Paper)

You can conserve roll paper by specifying particular settings as suitable for your original.

When originals are printed in portrait orientation, the original is rotated 90 degrees before printing if it fits within the roll width. This enables you to conserve paper.

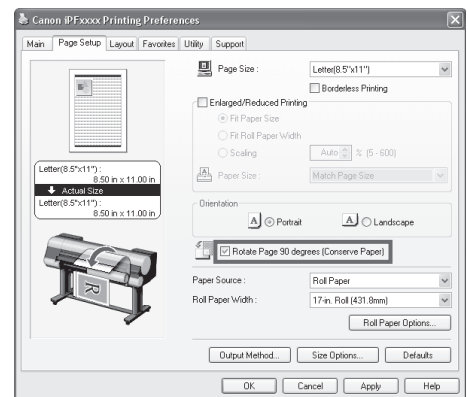


- If the page would exceed the roll paper width after rotation, you can use this function with Scale to fit Roll Paper Width to print rotated pages.

## Instructions in Windows and Mac OS

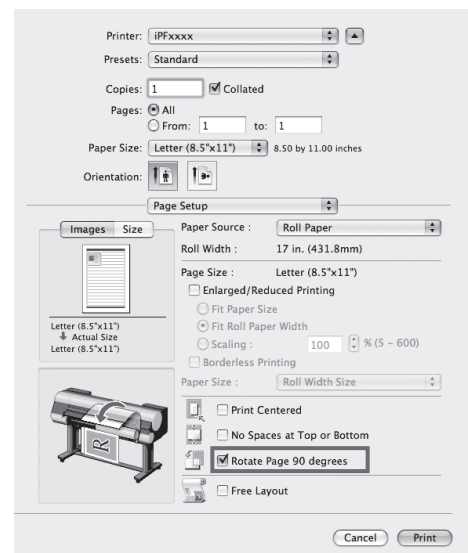
### Windows

- Access the **Page Setup** sheet.
- Select the **Rotate Page 90 degrees (Conserve Paper)** check box.



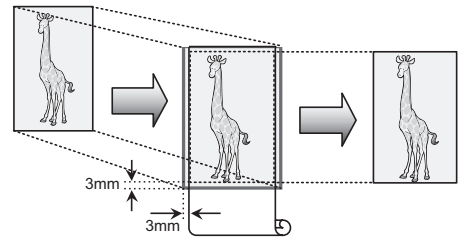
### Mac OS X

- Access the **Page Setup** pane.
- Select the **Rotate Page 90 degrees** check box.



## Borderless Printing

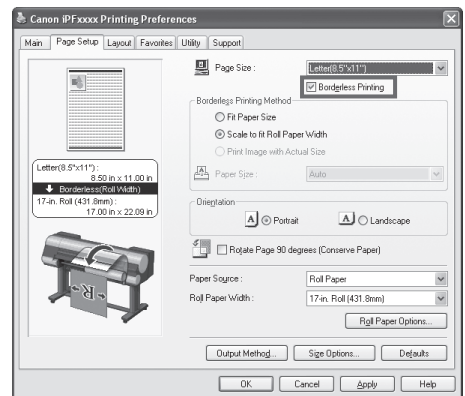
In regular printing, a margin required by the printer is added around the original. With borderless printing, you can print documents without the margin, so that the printed image covers the entire surface of the paper.



## Instructions in Windows and Mac OS

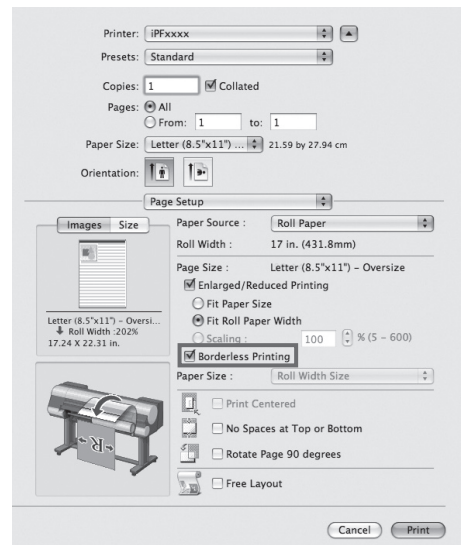
### Windows

- Access the **Page Setup** sheet.
- Select the **Borderless Printing** check box to display the **Information** dialog box.
- Click the width of the loaded roll in the **Roll Paper Width** list.
- Click **OK** to close the **Information** dialog box.
- Select **Fit Paper Size**, **Scale to fit Roll Paper Width**, or **Print Image with Actual Size**.



### Mac OS X

- Access the **Page Setup** pane.
- Select the **Enlarged/Reduced Printing** check box.
- Select the **Borderless Printing** check box.
- Select either **Fit Paper Size** or **Fit Roll Paper Width**.



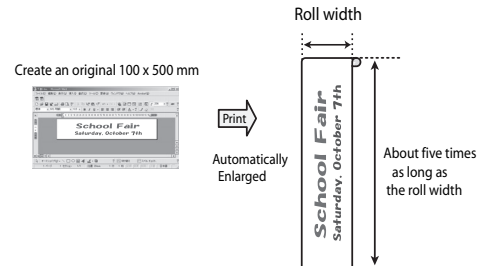
- Borderless printing is possible when the **Page Size** setting matches the size of paper loaded in the printer and you select XXXX-Borderless (where XXXX is the size of the original) in **Paper Size** in the **Page Attributes** dialog box. (Mac OS X only)

## Large-Format Printing

You can create vertical or horizontal banners by printing originals in banner formats on rolls.

Originals created in Microsoft Word or other applications in your preferred size can be enlarged to fill the width of roll paper by completing simple printer driver settings.

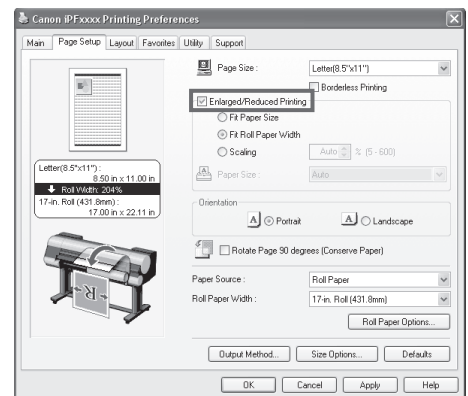
The printer supports roll printing up to a maximum length of 18.0 m (19.7 yd).



## Instructions in Windows and Mac OS

### Windows

- Access the **Page Setup** sheet.
- Click **Size Options** and register the original size.
- Select the **Enlarged/Reduced Printing** check box.
- After you click **Fit Roll Paper Width**, the **Information** dialog box is displayed.
- Click the width of the loaded roll in the **Roll Paper Width** list, and then click **OK**.

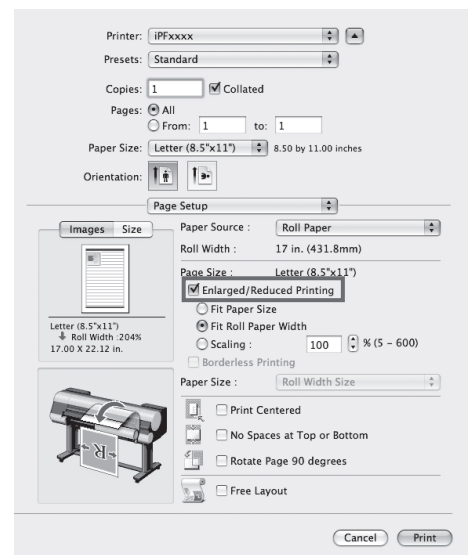


### Mac OS X

- Access the **Page Setup** pane.
- Make sure the width of the loaded roll is displayed in **Roll Width**.
- Make sure the size of the original you have prepared is displayed in **Page Size**.

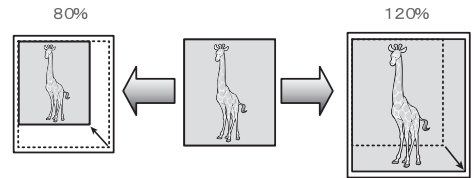
If you have not registered **Custom Paper Sizes**, resize the original to fit the roll width.

- Select the **Enlarged/Reduced Printing** check box.
- Click **Fit Roll Paper Width**.



## Enlarged/Reduced Printing

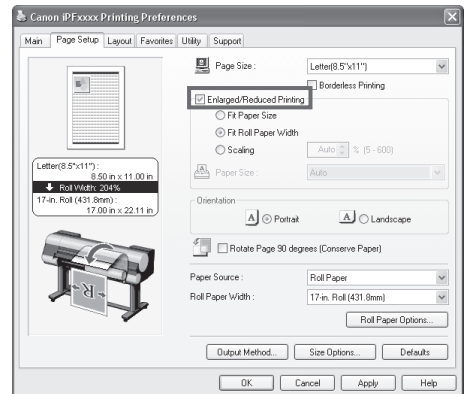
Originals can be printed at larger or smaller sizes, as desired.



## Instructions in Windows and Mac OS

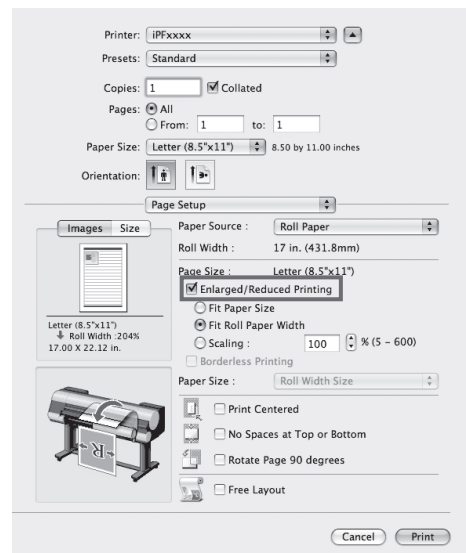
### Windows

- Access the **Page Setup** sheet.
- Click the width of the loaded roll in the **Roll Paper Width** list.
- In the **Page Size** list, click the size of the original as specified in the source application.
- Select the **Enlarged/Reduced Printing** check box.
- Select **Fit Paper Size**, **Fit Roll Paper Width**, or **Scaling**.



### Mac OS X

- Access the **Page Setup** pane.
- Make sure the width of the loaded roll is displayed in **Roll Width**.
- Make sure the size of the original you have prepared is displayed in **Page Size**.
- Select the **Enlarged/Reduced Printing** check box.
- Select **Fit Paper Size**, **Fit Roll Paper Width**, or **Scaling**.



## Other Methods of Printing: Printing from Print Plug-Ins

Using print plug-ins, you can print directly from applications such as Adobe Photoshop and Digital Photo Professional.

The main features of Print Plug-In are as follows.

- This software can automatically recognize the color space of images for sRGB and Adobe RGB and can automatically set those images to an optimum profile. Thus, printing of Adobe RGB is made possible without performing tedious settings.
- This software can directly process image data on Adobe Photoshop, and can send that image data to the printer. This allows processing not only 8-bit RGB image data, but also 16-bit RGB image data.
- Loss of gradation in dark areas can be reduced by performing black point compensation.
- You can perform printing press simulation printing by specifying the printing press profile.



- For Print Plug-In details, see the user manual.
- Print Plug-In for Office is also included, for easy large-format printing from Microsoft Office applications. For detailed instructions, refer to the user manual.

## Accessing the Print Plug-In

### Adobe Photoshop

- Start Adobe Photoshop.
- Open the image that you wish to print.
- If required, select the print range.
- Select **Export** (or **Data Export**) from the **File** menu and then select the output plug-in that matches your printer.

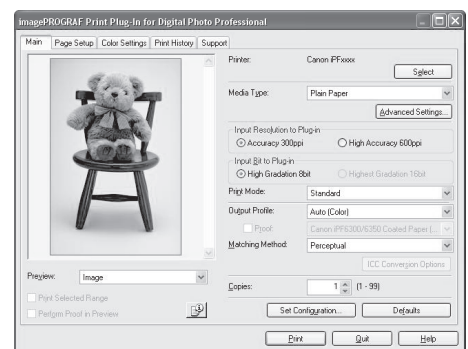
The **imagePROGRAF Print Plug-In for Photoshop** window is displayed.



### Digital Photo Professional

- Start Digital Photo Professional.
- Open the RGB color image that you want to print.
- If required, select the print range.
- Select **Plug-in printing** from the **File** menu and then select the output plug-in that matches your printer.

The **imagePROGRAF Print Plug-In for Digital Photo Professional** window is displayed.



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