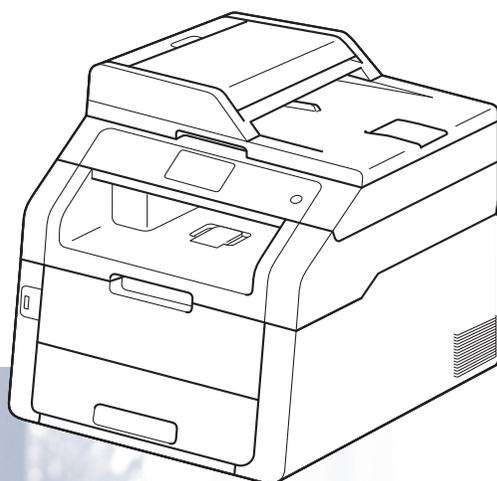


brother®

Basic User's Guide

MFC-9330CDW



Version 0

TWN-ENG

If you must call Customer Service

Complete the following information for future reference:

Model Number: MFC-9330CDW

Serial Number: ¹ _____

Date of Purchase: _____

Place of Purchase: _____

¹ **The serial number is on the back of the unit. Retain this User's Guide with your sales receipt as a permanent record of your purchase, in the event of theft, fire or warranty service.**

Register your product on-line at

<http://www.brother.com/registration/>

By registering your product with Brother, you will be recorded as the original owner of the product. Your registration with Brother:

- may serve as confirmation of the purchase date of your product should you lose your receipt;
- may support an insurance claim by you in the event of product loss covered by insurance; and,
- will help us notify you of enhancements to your product and special offers.

The most convenient and efficient way to register your new product is online at <http://www.brother.com/registration/>.

User's Guides and where do I find them?

Which Guide?	What's in it?	Where is it?
Product Safety Guide	Read this Guide first. Read the Safety Instructions before you set up your machine. See this Guide for trademarks and legal limitations.	For Chinese: Printed / In the Box For English: PDF file / CD-ROM / In the Box
Quick Setup Guide	Follow the instructions for setting up your machine and installing the drivers and software for the operating system and connection type you are using.	For Chinese: Printed / In the Box For English: PDF file / CD-ROM / In the Box
Basic User's Guide	Learn the basic Fax, Copy, Scan and Direct Print operations and how to replace consumables. See troubleshooting tips.	For Chinese: Printed / In the Box For English: PDF file / CD-ROM / In the Box
Advanced User's Guide	Learn more advanced operations: Fax, Copy, security features, printing reports and performing routine maintenance.	PDF file / CD-ROM / In the Box
Software User's Guide	Follow these instructions for Printing, Scanning, Network Scanning, Remote Setup, PC-Fax, and using the Brother ControlCenter utility.	HTML file / CD-ROM / In the Box
Network User's Guide	This Guide provides useful information about wired and wireless network settings and security settings using the Brother machine. You can also find supported protocol information for your machine and detailed troubleshooting tips.	PDF file / CD-ROM / In the Box
Wi-Fi Direct™ Guide	This Guide provides information about how to configure and use your Brother machine for wireless printing directly from a mobile device supporting the Wi-Fi Direct™ standard.	PDF file / Brother Solutions Center ¹
Google Cloud Print Guide	This Guide provides information about how to configure your Brother machine to a Google account and use Google Cloud Print services for printing over the Internet.	PDF file / Brother Solutions Center ¹
Mobile Print/Scan Guide for Brother iPrint&Scan	This Guide provides useful information about printing from your mobile device and scanning from your Brother machine to your mobile device when connected on a Wi-Fi network.	PDF file / Brother Solutions Center ¹
Web Connect Guide	This Guide provides information about how to configure and use your Brother machine to scan, load and view images and files on certain websites that provide these services.	PDF file / Brother Solutions Center ¹

Which Guide?	What's in it?	Where is it?
AirPrint Guide	This Guide provides information for using AirPrint to print from OS X v10.7.x, 10.8.x and your iPhone, iPod touch, iPad, or other iOS device to your Brother machine without installing a printer driver.	PDF file / Brother Solutions Center ¹

¹ Visit us at <http://solutions.brother.com/>.

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Table of Contents

(Advanced User's Guide)

You can view the Advanced User's Guide on the CD-ROM.

The Advanced User's Guide explains the following features and operations.

1 General Setup

Memory storage
Volume settings
Automatic Daylight Saving Time
Ecology features
Touchscreen
Dial Prefix

2 Security features

Secure Function Lock 2.0
Setting Lock
Restricting dialing

3 Sending a fax

Additional sending options
Additional sending operations
Polling

4 Receiving a fax

Memory Receive Options
Remote retrieval
Additional receiving operations
Polling

5 Dialing and storing numbers

Telephone line services
Additional dialing operations
Additional ways to store numbers

6 Printing reports

Fax reports
Reports

7 Making copies

Copy settings

A Routine maintenance

Cleaning and checking the machine
Replacing periodic maintenance parts
Packing and shipping the machine

B Glossary

C Index

Using the documentation

Thank you for buying a Brother machine! Reading the documentation will help you make the most of your machine.

Symbols and conventions used in the documentation

The following symbols and conventions are used throughout the documentation.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injuries.

IMPORTANT

IMPORTANT indicates a potentially hazardous situation which, if not avoided, may result in damage to property or loss of product functionality.

NOTE

Notes tell you how you should respond to a situation that may arise or give tips about how the current operation works with other features.



Electrical Hazard icons alert you to a possible electrical shock.



Fire Hazard icons alert you to the possibility of fire.



Hot Surface icons warn you not to touch machine parts that are hot.



Prohibition icons indicate actions that must not be performed.

Bold Bold style identifies the dial pad numbers of the Touchpanel or on the computer screen.

Italics Italicized style emphasizes an important point or refers you to a related topic.

`Courier New` Courier New font identifies the messages shown on the Touchscreen of the machine.

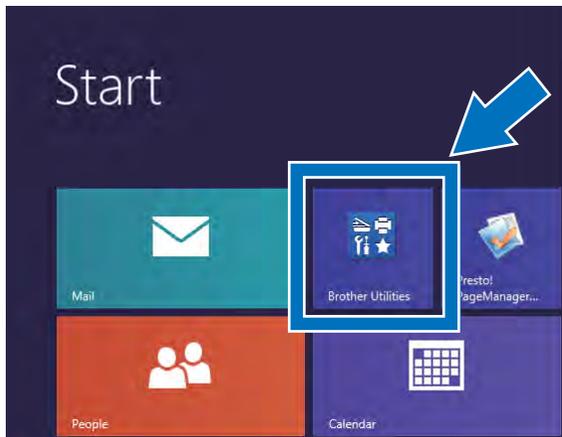
Follow all warnings and instructions marked on the product.

Accessing Brother Utilities (Windows® 8)

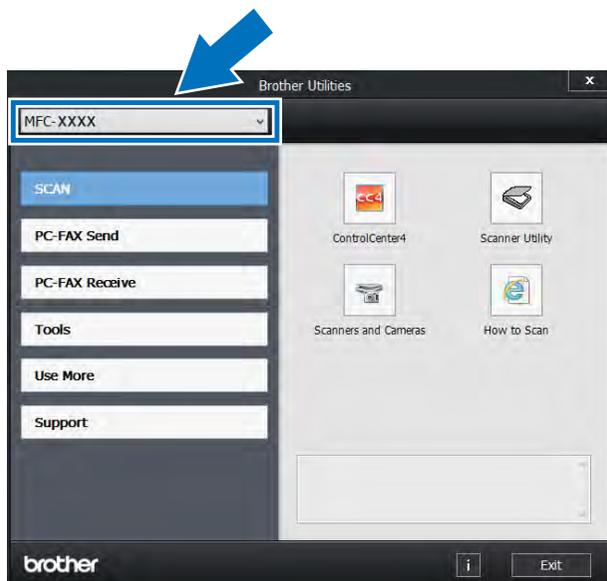
If you are using a tablet running Windows® 8, you can make your selections either by tapping the screen or by clicking with your mouse.

After the printer driver is installed,  appears on both the Start screen and the desktop.

- 1 Tap or click **Brother Utilities** either on the Start screen or the desktop.



- 2 Select your machine.



- 3 Choose the function you want to use.

Accessing the Advanced User's Guide, Software User's Guide and Network User's Guide

This Basic User's Guide does not contain all the information about the machine such as how to use the advanced features for Fax, Copy, Printer, Scanner, PC-Fax and Network. When you are ready to learn detailed information about these operations, read the **Advanced User's Guide**, **Software User's Guide** in HTML format and **Network User's Guide** that are on the CD-ROM.

Viewing Documentation

Viewing Documentation (Windows®)

(Windows® 7 / Windows Vista® / Windows® XP / Windows Server® 2008 R2 / Windows Server® 2008 / Windows Server® 2003)

To view the documentation, from the  (**Start**) menu, select **All programs > Brother > MFC-XXXX** (where XXXX is your model name) from the programs group, and then choose **User's Guides**.

(Windows® 8 / Windows Server® 2012)

Click  (**Brother Utilities**), and then click the drop-down list and select your model name (if not already selected). Click **Support** in the left navigation bar, and then click **User's Guides**.

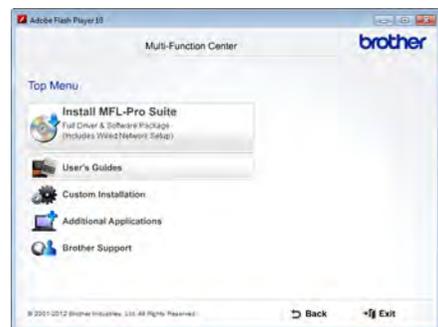
If you have not installed the software, you can find the documentation on the CD-ROM by following these steps:

- 1 Turn on your computer. Insert the CD-ROM into your CD-ROM drive.

NOTE

If the Brother screen does not appear, go to **Computer (My Computer)**. (For Windows® 8: Click  (File Explorer) on the taskbar, and then go to **Computer**.) Double-click the CD-ROM icon, and then double-click **start.exe**.

- 2 If the model name screen appears, click your model name.
- 3 If the language screen appears, click your language. The CD-ROM Top Menu appears.



- 4 Click **User's Guides**. In USA: The Manuals Download screen appears.
- 5 Click **PDF/HTML documents**. If the country screen appears, select your country. After the list of User's Guides appears, select the Guide you want.

Viewing Documentation (Macintosh)

- 1 Turn on your Macintosh. Insert the CD-ROM into your CD-ROM drive. Double-click the **BROTHER** icon. The following window will appear.



- 2 Double-click the **User's Guides** icon.
- 3 Select your model and language if needed.
- 4 Click **User's Guides**.
- 5 After the list of User's Guides appears, select the Guide you want.

How to find Scanning instructions

There are several ways you can scan documents. You can find the instructions as follows:

Software User's Guide

- *Scanning*
- *ControlCenter*
- *Network Scanning*

Presto! PageManager User's Guide

NOTE

- Presto! PageManager must be installed before use.
 - (Macintosh users) Presto! PageManager is available as a download from http://nj.newsoft.com.tw/download/brother/PM9SEInstaller_BR_multilang.dmg.
-
- The complete Presto! PageManager User's Guide can be viewed from the Help selection in the Presto! PageManager application.

How to find Network setup instructions

Your machine can be connected to a wireless or wired network.

- Basic setup instructions:
(see Quick Setup Guide.)
- Connection to a wireless access point or router supports Wi-Fi Protected Setup or AOSS™:
(see Quick Setup Guide.)
- More information about network setup:
(see Network User's Guide.)

How to access Guides for Advanced Features

You can view and download these Guides from the Brother Solutions Center at:

<http://solutions.brother.com/>

Click **Manuals** on your model's page to download the documentation.

Wi-Fi Direct™ Guide

This Guide provides information about how to configure and use your Brother machine for wireless printing directly from a mobile device supporting the Wi-Fi Direct™ standard.

Google Cloud Print Guide

This Guide provides information about how to configure your Brother machine to a Google account and use Google Cloud Print services for printing over the Internet.

Mobile Print/Scan Guide for Brother iPrint&Scan

This Guide provides useful information about printing from your mobile device and scanning from your Brother machine to your mobile device when connected on a Wi-Fi network.

Web Connect Guide

This Guide provides information about how to configure and use your Brother machine to scan, load and view images and files on certain websites that provide these services.

AirPrint Guide

This Guide provides information for using AirPrint to print from OS X v10.7.x, 10.8.x and your iPhone, iPod touch, iPad, or other iOS device to your Brother machine without installing a printer driver.

Accessing Brother Support (Windows®)

You can find all the contacts you will need, such as web support (Brother Solutions Center) on the CD-ROM.

- Click **Brother Support** on the **Top Menu**. The Brother Support screen appears.



- To access our website (<http://www.brother.com/>) click **Brother Home Page**.
- For the latest news and product support information (<http://solutions.brother.com/>), click **Brother Solutions Center**.
- To visit our website for original/genuine Brother supplies (<http://www.brother.com/original/>), click **Supplies Information**.
- To access the Brother CreativeCenter (<http://www.brother.com/creativecenter/>) for FREE photo projects and printable downloads, click **Brother CreativeCenter**.

To return to the **Top Menu**, click **Back**.

Or, if you are finished, click **Exit**.

Accessing Brother Support (Macintosh)

You can find all the contacts you will need, such as web support (Brother Solutions Center) on the CD-ROM.

- Double-click the **Brother Support** icon. Choose your model if needed. The Brother Support screen appears.



- To download and install Presto! PageManager, click **Presto! PageManager**.
- For the latest news and product support information (<http://solutions.brother.com/>), click **Brother Solutions Center**.
- To visit our website for original/genuine Brother Supplies (<http://www.brother.com/original/>), click **Supplies Information**.

Control panel overview

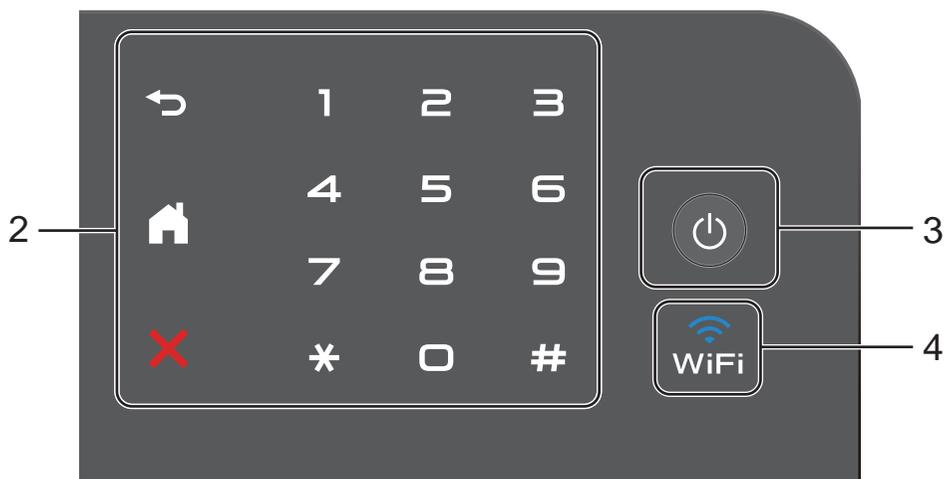
The MFC-9330CDW has a 3.7 in. (93.4 mm) Touchscreen LCD and Touchpanel ¹.

¹ This is a Touchscreen LCD with an electrostatic Touchpanel that only shows the LEDs that can be used.



1 3.7 in. (93.4 mm) Touchscreen LCD (Liquid Crystal Display)

This is a Touchscreen LCD. You can access the menus and options by pressing them as they are displayed on this screen.



2 Touchpanel:

The LEDs on the Touchpanel only light up when they are available for use.

- **Back**

Press to go back to the previous menu level.

- **Home**

Press to return to the Home screen. The factory setting shows the date and time, but you can change the Home screen's default setting (see *Setting the Ready screen* on page 13.)

- **Cancel**

Press to cancel an operation when illuminated in red.

- **Dial Pad**

Press the numbers on the Touchpanel to dial telephone and fax numbers or to enter the number of copies.

3 Power On/Off

Press  to turn on the machine.

Press and hold down  to turn off the machine. The Touchscreen LCD will show *Shutting Down* and will stay on for a few seconds before going off.

If you connect an external telephone or TAD, it is always available.

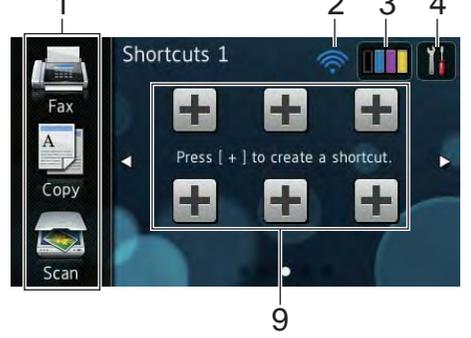
4

The Wi-Fi light is on when the network interface is WLAN.

3.7" Touchscreen LCD

You can select three types of screens for the Home screen. When the Home screen is displayed, you can change the displayed screen by swiping left or right, or pressing ◀ or ▶.

The following screens show the machine status when the machine is idle.

	<p>Home screen</p> <p>The Home screen shows the date and time and provides access to Fax, Copy, Scan, Wi-Fi setup, Toner levels and Setup screen.</p> <p>When the Home screen is displayed the machine is in Ready mode. When Secure Function Lock ¹ is turned on an icon will be displayed.</p> <p>¹ See Advanced User's Guide, <i>Secure Function Lock 2.0</i>.</p>
	<p>More screen</p> <p>The More screen provides access to additional features, such as Secure Print, Web Shortcut and USB.</p>
	<p>Shortcut screens</p> <p>You can quickly create a Shortcut for frequently used functions, such as sending a fax, making a copy, scanning and Web Connect (for more information, see <i>Shortcut Settings</i> on page 15).</p>

NOTE

Swiping is a type of user operation on the Touchscreen that is performed by brushing your finger across the screen to display the next page or item.

**1 Modes:**

- Fax
Lets you access Fax mode.
- Copy
Lets you access Copy mode.
- Scan
Lets you access Scan mode.

2 Wireless Status

A four-level indicator on the Ready mode screen shows the current wireless signal strength if you are using a wireless connection.



If you see **WIFI** at the top on the screen, you can easily configure the wireless settings by pressing it (for more information, see Quick Setup Guide).

3 (Toner)

See the remaining toner life.
Press to access the Toner menu.

NOTE

The indication of remaining toner life will vary depending on the types of documents printed and customer's usage.

4 (Setting)

Press to access the main settings (for more information, see *Settings screen* on page 12).

5 Date and Time

See the date and time that has been set in the machine.

6 Secure Print

Lets you access the secure print menu.

7 Web

Press to connect the Brother machine to an Internet service (for more information, see *Web Connect Guide*).

8 USB

Press to access the Direct Print and Scan to USB menus.

9 Shortcuts

Press to set up Shortcuts.

You can quickly copy, scan, send a fax and connect to a Web service using the options set as Shortcuts.

NOTE

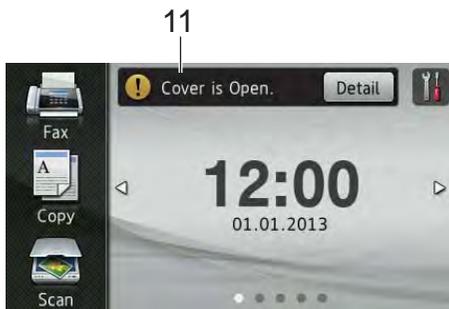
- Three Shortcut screens are available. You can set up to six Shortcuts in each Shortcut screen. A total of 18 Shortcuts are available.
- Swipe left or right, or press ◀ or ▶, to view the other Shortcut screens.

10 New Fax

When **Fax Preview** is set to **On**, you can see how many new faxes you received into the memory.



11 Warning icon !



The warning icon ! appears when there is an error or maintenance message; press **Detail** to view it, and then press **X** to return to Ready mode.

For details, see *Error and maintenance messages* on page 99.

NOTE

- This product adopts the font of ARPHIC TECHNOLOGY CO.,LTD.
- MascotCapsule UI Framework and MascotCapsule Tangiblet developed by HI CORPORATION are used. MascotCapsule is a registered trademark of HI CORPORATION in Japan.



Settings screen

The Touchscreen shows the machine's status when you press .

You can check and access all the machine's settings from the following screen.



1 Toner

See the remaining toner life.
Press to access the Toner menu.

2 Receive Mode

See the current Receive Mode.

- Fax
- Fax/Tel
- External TAD
- Manual

3 Network

Press to set up a network connection.

A four level indicator on the screen shows the current wireless signal strength if you are using a wireless connection.

4 Date & Time

See the date and time.
Press to access the **Date & Time** menu.

5 Fax Preview

See the Fax Preview status.
Press to access the Fax Preview setting.

6 All Settings

Press to access the full Settings menu.

7 Tray Setting

See the selected paper size. Press to change the paper size and paper type settings if needed.

8 Wi-Fi Direct

Press to set up a Wi-Fi Direct™ network connection.

Setting the Ready screen

Set the Ready screen to either Home, More, Shortcuts 1, Shortcuts 2 or Shortcuts 3.

When the machine is idle or you press , the Touchscreen will return to the screen you set.

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display General Setup.
- 4 Press General Setup.
- 5 Swipe up or down, or press ▲ or ▼ to display Button Settings.
- 6 Press Button Settings.
- 7 Press Home Button Settings.
- 8 Swipe up or down, or press ▲ or ▼ to display Home, More, Shortcuts 1, Shortcuts 2 or Shortcuts 3 and then press the option you want.
- 9 Press .
The machine will go to your chosen Home screen.

Basic Operations

Press your finger on the Touchscreen to operate it. To display and access all the screen menus or options, swipe left, right, up, down, or press ◀▶ or ▲▼ to scroll through them.

IMPORTANT

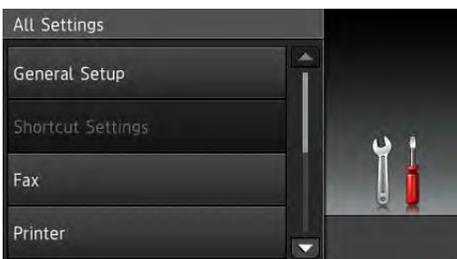
DO NOT press the Touchscreen with a sharp object, such as a pen or stylus. It may damage the machine.

The following steps show how to change a setting in the machine. In this example, the Touchscreen Backlight setting is changed from Light to Med.

1 Press .

2 Press All Settings.

3 Swipe up or down, or press ▲ or ▼ to display General Setup.



4 Press General Setup.

5 Swipe up or down, or press ▲ or ▼ to display LCD Settings.

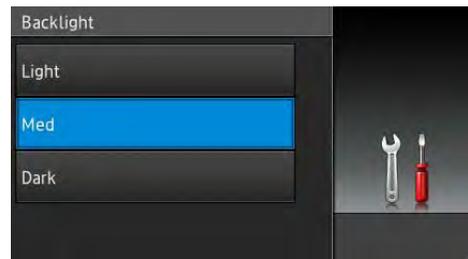


6 Press LCD Settings.

7 Press Backlight.



8 Press Med.



NOTE

Press  to go back to the previous level.

9 Press .

Shortcut Settings

You can add the fax, copy, scan and Web Connect settings you use most frequently by setting them as your Shortcuts. Later you can recall and apply these settings quickly and easily. You can add up to 18 Shortcuts.

Adding Copy Shortcuts

The following settings can be included in a copy Shortcut:

- Quality
- Enlarge/Reduce
- Density
- Contrast
- Stack/Sort
- Page Layout
- Color Adjust
- 2-sided Copy
- Remove Background Color

- 1 If the displayed screen is either Home or More, swipe left or right, or press ◀ or ▶ to display a Shortcut screen.
- 2 Press  where you have not added a Shortcut.
- 3 Press Copy.
- 4 Read the information on the Touchscreen, and then confirm it by pressing OK.
- 5 Swipe up or down, or press ▲ or ▼ to display the copy presets, and then press the preset you want.
- 6 Swipe up or down, or press ▲ or ▼ to display the available settings, and then press the setting you want.

- 7 Swipe up or down, or press ▲ or ▼ to display the available options for the setting, and then press the option you want.
Repeat steps 6 and 7 until you have selected all the settings for this Shortcut.
- 8 When you have finished changing the settings, press Save as Shortcut.
- 9 Read and confirm the displayed list of settings you selected, and then press OK.
- 10 Enter a name for the Shortcut using the keyboard on the Touchscreen. (To help you enter letters, see *Entering text* on page 188.)
Press OK.
- 11 Press OK to save your Shortcut.

Adding Fax Shortcuts

The following settings can be included in a fax Shortcut:

- Fax Resolution
- Contrast
- Real Time TX
- Coverpage Setup
- Overseas Mode
- Glass Scan Size

- 1 If the displayed screen is either Home or More, swipe left or right, or press ◀ or ▶ to display a Shortcut screen.
- 2 Press  where you have not added a Shortcut.
- 3 Press Fax.
- 4 Read the information on the Touchscreen, and then confirm it by pressing OK.

- 5 Enter the fax or telephone number using the dial pad on the Touchpanel, the Address Book or the Call History on the Touchscreen. When you have finished, go to step 6.

NOTE

- You can enter up to 20 digits for a fax number.
- If the Shortcut is to be used for broadcasting, press **Options** and select **Broadcasting** in step 7 before entering the fax or telephone number in step 5.
- You can enter up to 20 fax numbers if the Shortcut is for broadcasting. The fax numbers can be entered in any combination of Group numbers from the Address Book, individual fax numbers from the Address Book or entered manually (see *Advanced User's Guide, Broadcasting*).
- When you enter a fax number in a Shortcut, it will be added automatically to the Address Book. The name in the Address Book will be the Shortcut name plus a sequential number.

- 6 Press **Options**.
- 7 Swipe up or down, or press ▲ or ▼ to display the available settings, and then press the setting you want.
- 8 Press the option you want.

Repeat steps 7 and 8 until you have selected all the settings for this Shortcut. Press **OK**.

- 9 When you have finished changing the settings, press **Save as Shortcut**.
- 10 Read and confirm the displayed list of settings you selected, and then press **OK**.

- 11 Enter a name for the Shortcut using the keyboard on the Touchscreen. (To help you enter letters, see *Entering text* on page 188.) Press **OK**.

- 12 Press **OK** to save your Shortcut.

Adding Scan Shortcuts

The following settings can be included in a scan Shortcut:

to USB

- Scan Type
- Resolution
- File Type
- Glass Scan Size
- File Name
- File Size
- Remove Background Color

to E-mail Server (Available after IFAX is downloaded)

- Scan Type
- Resolution
- File Type
- Glass Scan Size
- File Size

to OCR / to File / to Image / to E-mail

- PC Select

to FTP / to Network

- Profile Name

- 1 If the displayed screen is either Home or More, swipe left or right, or press ◀ or ▶ to display a Shortcut screen.
- 2 Press  where you have not added a Shortcut.
- 3 Press Scan.
- 4 Swipe up or down, or press ▲ or ▼ to display the type of scan you want, and then press it.
- 5 Do one of the following:
 - If you pressed to USB, read the information on the Touchscreen, and then press OK to confirm it. Go to step 8.
 - If you pressed to E-mail Server, read the information on the Touchscreen, and then press OK to confirm it. Go to step 6.
 - If you pressed to OCR, to File, to Image or to E-mail, read the information on the Touchscreen, and then press OK to confirm it. Go to step 7.
 - If you pressed to FTP or to Network, read the information on the Touchscreen, and then press OK to confirm it.

Swipe up or down, or press ▲ or ▼ to display the Profile Name, and then press it.

Press OK to confirm the Profile Name you have selected. Go to step 13.

NOTE

To add a Shortcut for to Network and to FTP, you must have added the Profile Name beforehand.

- 6 Do one of the following:
 - To enter an E-mail address manually, press Manual. Enter the E-mail address using the keyboard on the Touchscreen. (To help you enter letters, see *Entering text* on page 188.)

Press OK.
 - To enter an E-mail address from the Address Book, press Address Book. Swipe up or down, or press ▲ or ▼ to display the E-mail address you want, and then press it.

Press OK.

After you confirm the E-mail address you entered, press OK. Go to step 8.

NOTE

Press Detail to view the list of addresses you have entered.

- 7 Do one of the following:
 - When the machine is connected to a computer using a USB connection:

Press OK to confirm USB is selected as the PC Name. Go to step 16.
 - When the machine is connected to a network:

Swipe up or down, or press ▲ or ▼ to display the PC Name, and then press it. Press OK to confirm the PC Name you selected. Go to step 13.
- 8 Press Options.
- 9 Swipe up or down, or press ▲ or ▼ to display the available settings, and then press the setting you want.
- 10 Swipe up or down, or press ▲ or ▼ to display the available options for the setting, and then press the option you want.

Repeat steps 9 and 10 until you have selected all the settings for this Shortcut. Press OK.

- 11 Review the settings you have selected:
 - If you must make more changes, return to step 6.
 - If you are satisfied with your changes, press `Save as Shortcut`.
- 12 Review your settings on the Touchscreen, and then press `OK`.
- 13 Enter a name for the Shortcut using the keyboard on the Touchscreen. (To help you enter letters, see *Entering text* on page 188.) Press `OK`.
- 14 Read the information on the Touchscreen, and then press `OK` to save your Shortcut.

Adding Web Connect Shortcuts

The settings for these services can be included in a Web Connect Shortcut:

- Picasa Web Albums™
- Google Drive™
- Flickr®
- Facebook
- Evernote
- Dropbox

NOTE

- Web services may have been added and/or service names may have been changed by the provider since this document was published.
- To add a Web Connect Shortcut, you must have an account with the desired service (for more information, see *Web Connect Guide*).

- 1 If the displayed screen is either Home or More, swipe left or right, or press ◀ or ▶ to display a Shortcut screen.

- 2 Press `+` where you have not added a Shortcut.
- 3 Press `Web`.
- 4 If Information about the Internet connection is displayed, read the information and confirm it by pressing `OK`.
- 5 Swipe left or right, or press ◀ or ▶ to display the available service, and then press the desired service.
- 6 Press your account.
If the account needs a PIN code, enter the PIN for the account using the keyboard on the Touchscreen. Press `OK`.
- 7 Press the function you want.

NOTE

The functions that can be set vary depending on the selected service.

- 8 Read and confirm the displayed list of functions you selected, and then press `OK`.
- 9 Press `OK` to save your Shortcut.

NOTE

The Shortcut name will be assigned automatically. If you want to change the Shortcut names, see *Editing Shortcut Names* on page 19.

Changing Shortcuts

You can change the settings in a Shortcut.

NOTE

(Web Connect Shortcuts) You cannot change a Web Connect Shortcut. If you want to change the Shortcut, you must delete it, and then add a new Shortcut.

(For more information, see *Deleting Shortcuts* on page 19 and *Adding Web Connect Shortcuts* on page 18.)

- 1 Press the Shortcut you want. The settings for the Shortcut that you chose are displayed.
- 2 Change the settings for the Shortcut you chose in step 1 (for more information, see *Shortcut Settings* on page 15).
- 3 When you have finished changing settings, press `Save as Shortcut`.
- 4 Press `OK` to confirm.
- 5 Do one of the following:
 - To overwrite the Shortcut, press `Yes`. Go to step 7.
 - If you do not want to overwrite the Shortcut, press `No` to enter a new Shortcut name. Go to step 6.
- 6 To create a new Shortcut, hold down  to delete the current name, and then enter a new name using the keyboard on the Touchscreen. (To help you enter letters, see *Entering text* on page 188.) Press `OK`.
- 7 Press `OK` to confirm.

Editing Shortcut Names

You can edit a Shortcut name.

- 1 Press and hold the Shortcut until the dialog box appears.

NOTE

You can also press , `All Settings` and `Shortcut Settings`.

- 2 Press `Edit Shortcut Name`.
- 3 To edit the name, hold down  to delete the current name, and then enter a new name using the keyboard on the Touchscreen. (To help you enter letters, see *Entering text* on page 188.) Press `OK`.

Deleting Shortcuts

You can delete a Shortcut.

- 1 Press and hold the Shortcut until the dialog box appears.

NOTE

You can also press , `All Settings` and `Shortcut Settings`.

- 2 Press `Delete` to delete the Shortcut that you chose in step 1.
- 3 Press `Yes` to confirm.

Recalling Shortcuts

The Shortcut settings are displayed on the Shortcut screen. To recall a Shortcut, simply press the Shortcut name.

2

Loading paper

Loading paper and print media

The machine can feed paper from the paper tray or manual feed slot.

When you load paper in the paper tray, note the following:

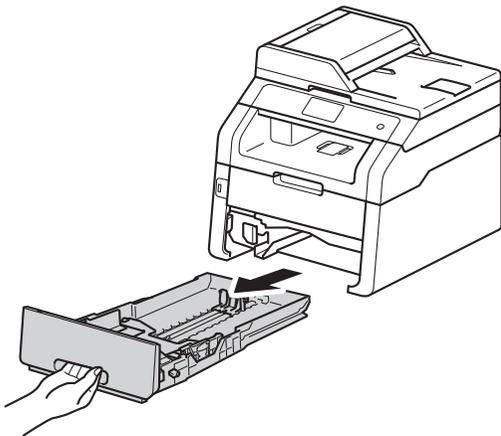
- If your application software supports paper size selection on the print menu, you can select it through the software. If your application software does not support it, you can set the paper size in the printer driver or by pressing the buttons on the Touchscreen.

Loading paper in the paper tray

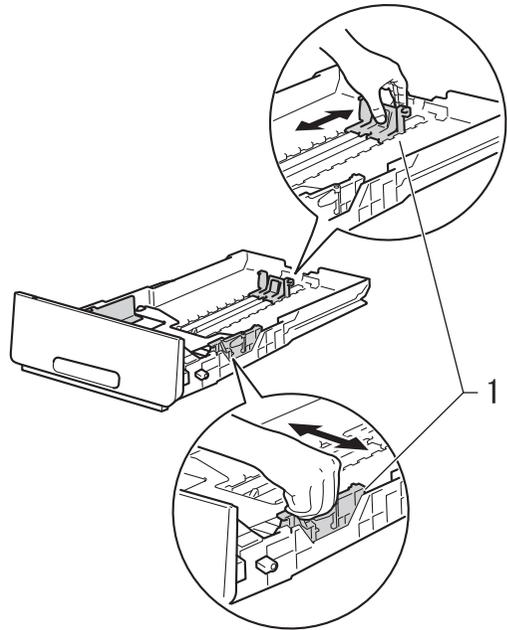
You can load up to 250 sheets in the paper tray. Paper can be loaded up to the maximum paper mark (▼▼▼) on the right side of the paper tray (for the recommended paper to use, see *Acceptable paper and other print media* on page 29).

Printing on plain paper, thin paper or recycled paper from the paper tray

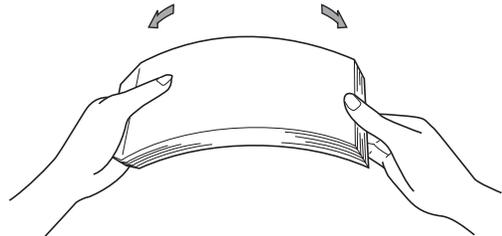
- 1 Pull the paper tray completely out of the machine.



- 2 While pressing the green paper-guide release levers (1), slide the paper guides to fit the paper you are loading in the tray. Make sure the guides are firmly in the slots.

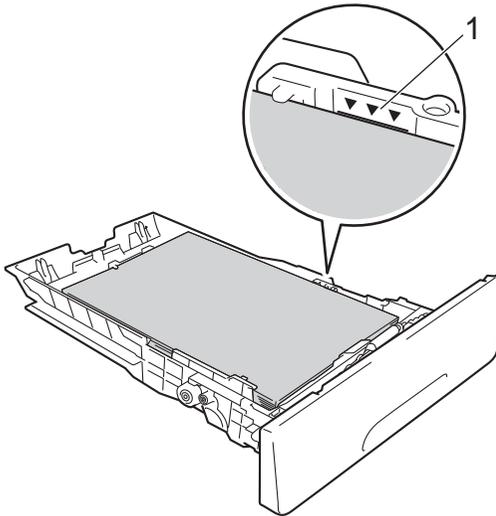


- 3 Fan the stack of paper well to avoid paper jams and misfeeds.



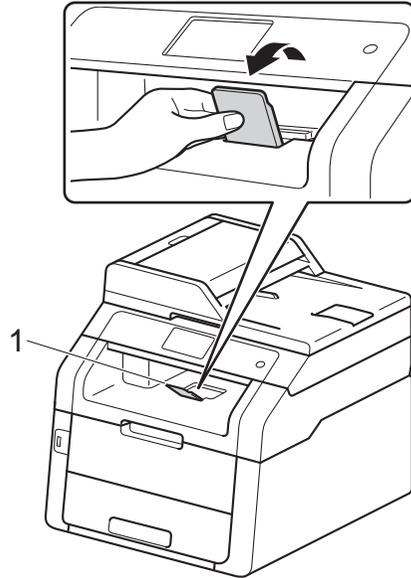
4 Load paper in the tray and make sure:

- The paper is below the maximum paper mark (▼▼▼) (1).
Overfilling the paper tray will cause paper jams.
- The side to be printed on is *face down*.
- The paper guides touch the sides of the paper so it will feed correctly.



- 5 Put the paper tray *firmly* back in the machine. Make sure the tray is completely inserted into the machine.

- 6 Lift up the support flap (1) to prevent paper from sliding off the face-down output tray, or remove each page as soon as it comes out of the machine.



Loading paper in the manual feed slot

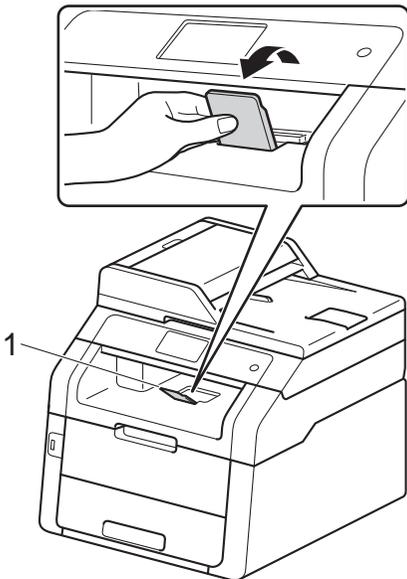
You can load envelopes and special print media one-at-a-time into this slot. Use the manual feed slot to print or copy on labels, envelopes, thicker paper or glossy paper (for the recommended paper to use, see *Acceptable paper and other print media* on page 29).

NOTE

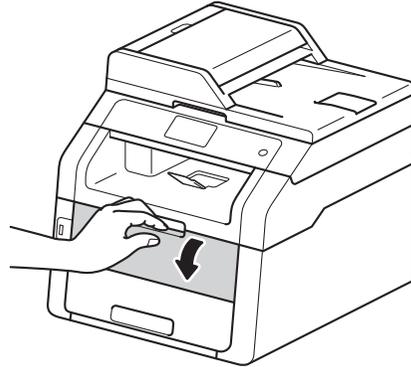
The machine turns on the Manual Feed mode when you put paper in the manual feed slot.

Printing on plain paper, thin paper, recycled paper and bond paper from the manual feed slot

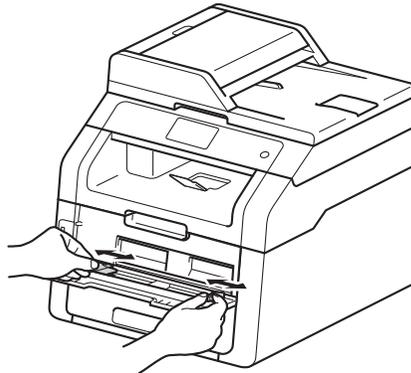
- 1 Lift up the support flap (1) to prevent paper from sliding off the face-down output tray, or remove each page as soon as it comes out of the machine.



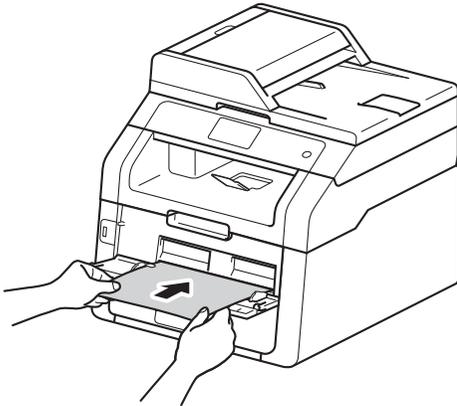
- 2 Open the manual feed slot cover.



- 3 Use both hands to slide the manual feed slot paper guides to the width of the paper you are going to use.

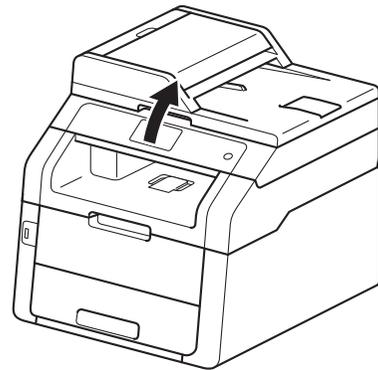


- 4 Use both hands to push one sheet of paper *firmly* into the manual feed slot until the top edge of the paper presses against the paper feed rollers. Continue pressing the paper against the rollers for about two seconds, or until the machine grabs the paper and pulls it in further.

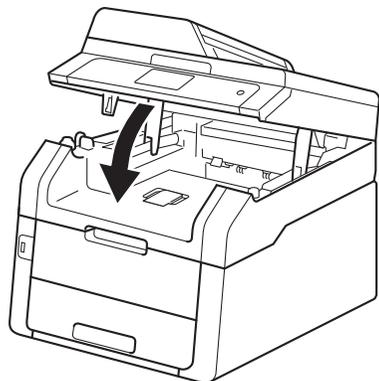


NOTE

- If the error message `Jam Manual Feed` appears on the Touchscreen, the machine cannot grasp and pull the paper. Reset the machine by removing the paper and then pressing `Start` on the Touchscreen. Reinsert the paper and be sure to press it firmly against the rollers.
- Put the paper into the manual feed slot with the side to be printed on face up.
- Make sure the paper is straight and in the correct position on the manual feed slot. If it is not, the paper may not be fed correctly, resulting in a skewed printout or a paper jam.
- Pull the paper out completely when you retry putting the paper into the manual feed slot.
- Do not put more than one sheet of paper in the manual feed slot at any one time, as it may cause a jam.
- To easily remove a small printout from the output tray use both hands to lift up the scanner cover as shown in the illustration.



- You can still use the machine while the scanner cover is up. To close the scanner cover, push it down with both hands.

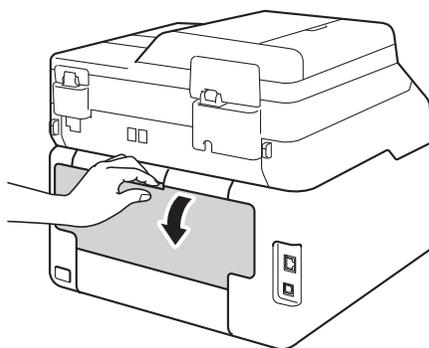


- 5 After the Touchscreen shows Manual Feed, return to step 4 to load the next sheet of paper. Repeat for each page you want to print.

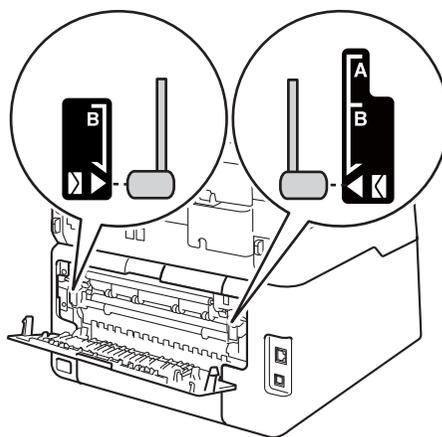
Printing on thick paper, labels, envelopes and glossy paper from the manual feed slot

When the back cover (face-up output tray) is pulled down, the machine has a straight paper path from the manual feed slot through to the back of the machine. Use this paper feed and output method for printing on thick paper, labels, envelopes or glossy paper.

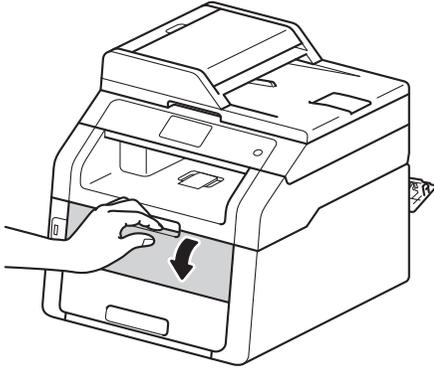
- 1 Open the back cover (face-up output tray).



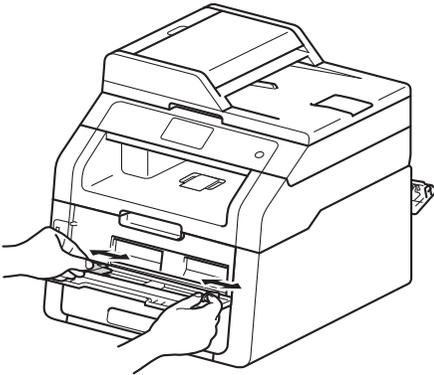
- 2 (For printing envelopes only) Pull down the two gray levers, one on the left side and one on the right side, as shown in the illustration.



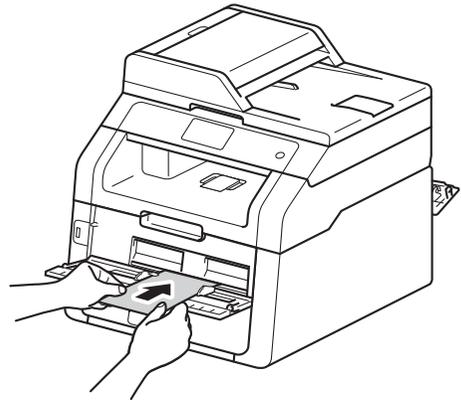
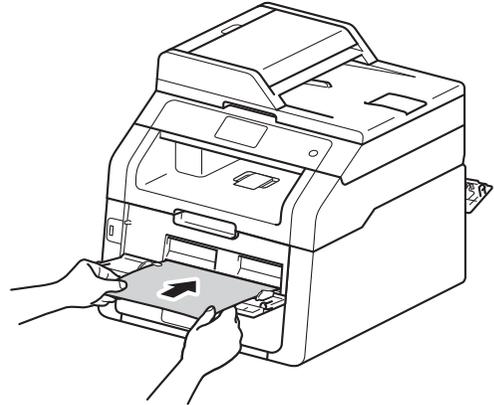
- 3 Open the manual feed slot cover.



- 4 Use both hands to slide the manual feed slot paper guides to the width of the paper that you are going to use.



- 5 Use both hands to push one sheet of paper or one envelope *firmly* into the manual feed slot until the top edge of the paper presses against the paper feed rollers. Continue pressing the paper against the rollers for about two seconds, or until the machine grabs the paper and pulls it in further.



NOTE

- If the error message `Jam Manual Feed` appears on the Touchscreen, the machine cannot grasp and pull the paper or envelope. Reset the machine by removing the paper and then pressing `Start` on the Touchscreen. Reinsert the paper or envelope and be sure to press it *firmly* against the rollers.
- Put the paper or envelope into the manual feed slot with the side to be printed on face up.

- When **Label** is selected in the printer driver, the machine will feed the paper from the manual feed slot, even if **Manual** is not selected as the paper source.
- Make sure the paper or envelope is straight and in the correct position in the manual feed slot. If it is not, the paper or envelope may not feed correctly, resulting in a skewed printout or a paper jam.
- Pull the paper or envelope out completely when you retry putting the paper into the manual feed slot.
- Do not put more than one sheet of paper or one envelope in the manual feed slot at any one time, as it may cause a jam.

6 Send the print data to the machine.

NOTE

Remove each printed page or envelope immediately to prevent a paper jam.

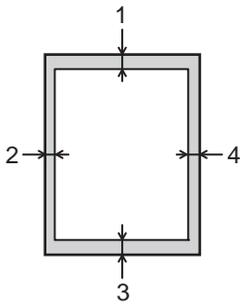
7 After the Touchscreen shows **Manual Feed**, return to step 5 to load the next sheet of paper. Repeat for each page you want to print.

8 (For printing envelopes)
When you have finished printing, return the two gray levers, that you pulled down at step 2, back to their original positions.

9 Close the back cover (face-up output tray) until it locks in the closed position.

Unscannable and unprintable areas

The figures in the table show maximum unscannable and unprintable areas. These areas may vary depending on the paper size or settings in the application you are using.



Usage	Document Size	Top (1) Bottom (3)	Left (2) Right (4)
Fax (Sending)	Letter	3 mm	4 mm
	A4	3 mm	(ADF) 1 mm (Scanner Glass) 3 mm
	Legal	3 mm	4 mm
Copy* * a single copy or a 1 in 1 copy	Letter	4 mm	4 mm
	A4	4 mm	3 mm
	Legal	4 mm	4 mm
Scan	Letter	3 mm	3 mm
	A4	3 mm	3 mm
	Legal (ADF)	3 mm	3 mm
Print	Letter	4.2 mm	4.2 mm
	A4	4.2 mm	4.2 mm
	Legal	4.2 mm	4.2 mm

Paper settings

Paper Size

You can use the following sizes of paper for printing faxes: A4, Letter, Legal or Folio.

When you change the size of paper in the tray, you must also change the setting for paper size at the same time so your machine can fit the document or an incoming fax on the page.

You can use the following sizes of paper for copies: Letter, A4, Legal, Executive, A5, A5 L (Long Edge), A6 and Folio and the following sizes for printing faxes: Letter, A4, Legal or Folio (215.9 mm × 330.2 mm).

- 1 Press .
- 2 Press  (Tray Setting).
- 3 Press Paper Size.
- 4 Swipe up or down, or press ▲ or ▼ to display A4, Letter, Legal, EXE, A5, A5 L, A6 or Folio, and press the option you want.
- 5 Press .

NOTE

- When an appropriate size is not in the tray received faxes will be stored in the machine's memory and *Size mismatch* will appear on the Touchscreen (for more information, see *Error and maintenance messages* on page 99).
- If the tray is out of paper and received faxes are in the machine's memory, *No Paper* will appear on the Touchscreen. Insert paper in the empty tray.

Paper Type

To get the best print quality set the machine for the type of paper you are using.

- 1 Press .
- 2 Press  (Tray Setting).
- 3 Press Paper Type.
- 4 Swipe up or down, or press ▲ or ▼ to display Thin, Plain Paper, Thick, Thicker, Recycled Paper, and press the option you want.
- 5 Press .

Acceptable paper and other print media

Print quality may vary according to the type of paper you are using.

You can use the following types of print media: plain paper, thin paper, thick paper, thicker paper, bond paper, recycled paper, labels, envelopes or glossy paper (see *Print media* on page 192).

For best results, follow these instructions:

- DO NOT load different types of paper in the paper tray at the same time because it may cause the paper to jams or misfeed.
- For correct printing, you must choose the same paper size from your software application as the paper in the tray.
- Avoid touching the printed surface of the paper immediately after printing.
- Before you buy a lot of paper, test a small quantity to make sure the paper is appropriate for the machine.
- Use labels that are designed for use in *laser* machines.

Type and size of paper

The machine feeds paper from the installed paper tray or the manual feed slot.

The names for the paper trays in the printer driver and this Guide are as follows:

Tray and optional unit	Name
Paper Tray	Tray 1
Manual Feed Slot	Manual

Paper capacity of the paper trays

	Paper size	Paper types	No. of sheets
Paper Tray (Tray 1)	A4, Letter, Legal, B5 (JIS), Executive, A5, A5 L, A6, Folio ¹	Plain paper, Thin paper, Recycled paper	up to 250 (80 g/m ²)
Manual Feed Slot	Width: 76.2 to 215.9 mm Length: 116.0 to 355.6 mm	Plain paper, Thin paper, Thick paper, Thicker paper, Bond paper, Recycled paper, Envelopes, Labels, Glossy paper	1 sheet 1 Envelope

¹ Folio size is 215.9 mm × 330.2 mm.

Recommended paper specifications

The following paper specifications are appropriate for this machine.

Basis weight	75-90 g/m ²
Thickness	80-110 μm
Roughness	Higher than 20 sec.
Stiffness	90-150 cm ³ /100
Grain direction	Long grain
Volume resistivity	10e ⁹ -10e ¹¹ ohm
Surface resistivity	10e ⁹ -10e ¹² ohm-cm
Filler	CaCO ₃ (Neutral)
Ash content	Below 23 wt%
Brightness	Higher than 80%
Opacity	Higher than 85%

- Use plain paper that is appropriate for laser/LED machines to make copies.
- Use paper that is 75 to 90 g/m².
- Use long grain paper with a neutral Ph value, and a moisture content of approx. 5%.
- This machine can use recycled paper that meets DIN 19309 specifications.

Handling and using special paper

The machine is designed to work well with most types of xerographic and bond paper. However, some paper variables may have an effect on print quality or handling reliability. Always test samples of paper before purchasing to ensure desirable performance. Store paper in its original packaging and keep it sealed. Keep the paper flat and away from moisture, direct sunlight and heat.

Some important guidelines when selecting paper are:

- DO NOT use inkjet paper because it may cause a paper jam or damage your machine.
- Preprinted paper must use ink that can withstand the 200 °C temperature of the machine's fusing process.
- If you use bond paper, paper having a rough surface, or paper that is wrinkled or creased, the paper may exhibit degraded performance.

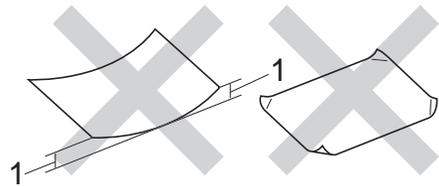
Types of paper to avoid

IMPORTANT

Some types of paper may not perform well or may cause damage to your machine.

DO NOT use paper:

- that is highly textured
- that is extremely smooth or shiny
- that is curled or warped



1 A curl of 2 mm or greater may cause jams to occur.

- that is coated or has a chemical finish
- that is damaged, creased or folded
- that exceeds the recommended weight specification in this guide
- with tabs and staples
- with letterheads using low temperature dyes or thermography
- that is multipart or carbonless
- that is designed for inkjet printing

If you use any of the types of paper listed above, they may damage your machine. This damage is not covered under any Brother warranty or service agreement.

Envelopes

The machine is designed to work well with most envelopes. However, some envelopes may have feed and print quality problems because of the way they have been made. Envelopes should have edges with straight, well-creased folds. Envelopes should lie flat and not be of baggy or flimsy construction. Use only quality envelopes from a supplier who understands that you will be using the envelopes in a laser machine.

Envelopes can only be fed through the manual feed slot.

We recommend that you print a test envelope to make sure the print results are what you want.

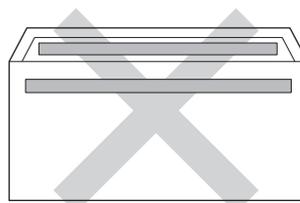
Types of envelopes to avoid

IMPORTANT

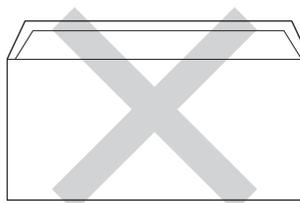
DO NOT use envelopes:

- that are damaged, curled, wrinkled or an unusual shape
- that are extremely shiny or textured
- with clasps, staples, snaps or tie strings
- with self-adhesive closures
- that are of a baggy construction
- that are not sharply creased
- that are embossed (raised writing)
- that were previously printed by a laser or LED machine
- that are pre-printed on the inside
- that cannot be arranged neatly when stacked
- that are made of paper that weighs more than the paper weight specifications for the machine
- with edges that are not straight or consistently square
- with windows, holes, cut-outs or perforations

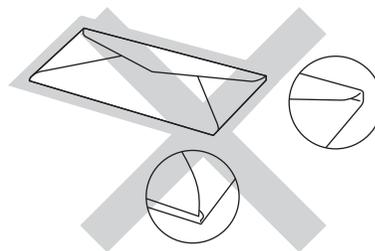
- with glue on the surface as shown in the figure below



- with double flaps as shown in the figure below



- with sealing flaps that are not folded down when purchased
- with each side folded as shown in the figure below



If you use any of the types of envelopes listed above, they may damage your machine. This damage may not be covered under any Brother warranty or service agreement.

Occasionally you may experience paper feed problems caused by the thickness, size and flap shape of the envelopes you are using.

Labels

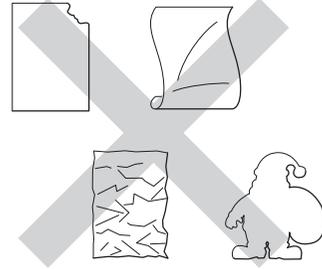
The machine will print on most types of labels designed for use with a laser machine. Labels should have an adhesive that is acrylic-based since this material is more stable at the high temperatures in the fuser unit. Adhesives should not come in contact with any part of the machine, because the label stock may stick to the drum unit or rollers and cause jams and print quality problems. No adhesive should be exposed between the labels. Labels should be arranged so that they cover the entire length and width of the sheet. Using labels with spaces may result in labels peeling off and causing serious jams or print problems.

All labels used in this machine must be able to withstand a temperature of 200 °C for a period of 0.1 seconds.

Labels can only be fed through the manual feed slot.

Types of labels to avoid

Do not use labels that are damaged, curled, wrinkled or an unusual shape.



IMPORTANT

- Avoid feeding labels with the carrier sheet exposed because your machine will be damaged.
- DO NOT reuse or insert labels that have previously been used or are missing a few labels on the sheet.
- Label sheets should not exceed the paper weight specifications described in this User's Guide. Labels exceeding this specification may not feed or print correctly and may cause damage to your machine.

3

Loading documents

How to load documents

You can send a fax, make copies, and scan from the ADF (Automatic Document Feeder) and the scanner glass.

Using the automatic document feeder (ADF)

The ADF can hold up to 35 pages and feeds each sheet individually. Use standard 80 g/m² paper and always fan the pages before putting them in the ADF.

Document Sizes Supported

Length:	147.3 to 355.6 mm
Width:	147.3 to 215.9 mm
Weight:	64 to 90 g/m ²

How to load documents

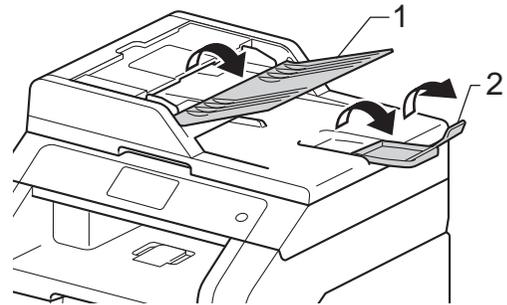
IMPORTANT

- DO NOT leave thick documents on the scanner glass. If you do this, the ADF may jam.
- DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paper-clipped, pasted or taped.
- DO NOT use cardboard, newspaper or fabric.
- To avoid damaging your machine while using the ADF, DO NOT pull on the document while it is feeding.

NOTE

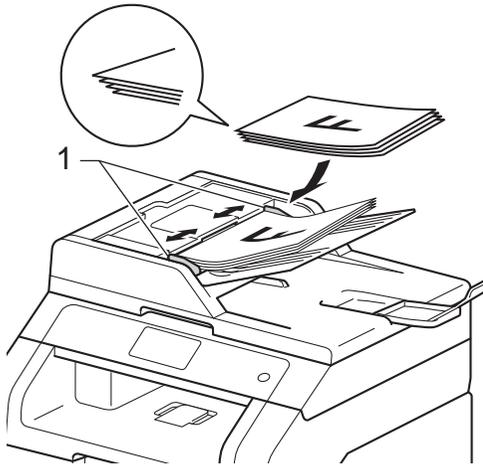
- To scan documents that are not appropriate for the ADF, see *Using the scanner glass* on page 35.
- It is easier to use the ADF if you are loading a multiple page document.
- Make sure documents with correction fluid or written with ink are completely dry.

- 1 Unfold the ADF document support (1). Lift up and unfold the ADF document output support flap (2).



- 2 Fan the pages well.
- 3 Stagger the pages of your document *face up top edge first*, in the ADF until the Touchscreen shows *ADF Ready* and you feel the top page touch the feed rollers.

- 4 Adjust the paper guides (1) to fit the width of your document.



NOTE

To scan non-standard documents, see *Using the scanner glass* on page 35.

Using the scanner glass

You can use the scanner glass to fax, copy or scan pages of a book, one page at a time.

Document Sizes Supported

Length:	Up to 300.0 mm
Width:	Up to 215.9 mm
Weight:	Up to 2.0 kg

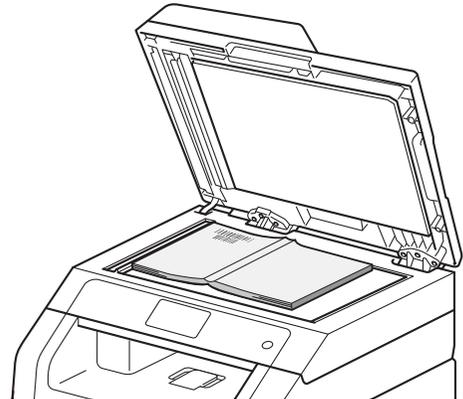
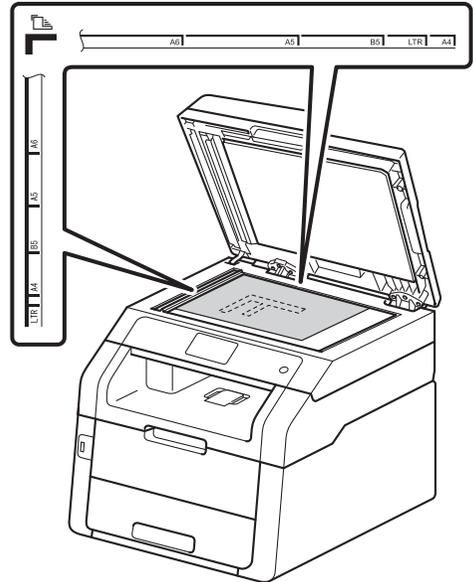
How to load documents

NOTE

To use the scanner glass, the ADF must be empty.

- 1 Lift the document cover.

- 2 Using the document guidelines on the left and top, place the document *face down* in the upper left corner of the scanner glass.



- 3 Close the document cover.

IMPORTANT

If the document is a book or is thick do not slam the cover or press on it.

4

Sending a fax

How to send a fax

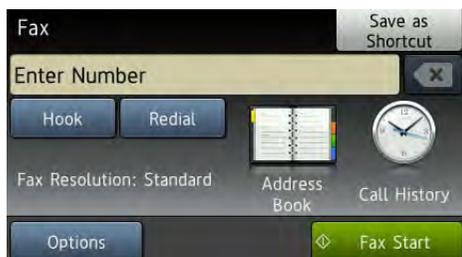
The following steps show you how to send a fax. To send multiple pages use the ADF.

- 1 Do one of the following to load your document:
 - Place the document *face up* in the ADF (see *Using the automatic document feeder (ADF)* on page 34).
 - Load your document *face down* on the scanner glass (see *Using the scanner glass* on page 35).

- 2 Do one of the following:
 - When Fax Preview is set to Off, press Fax.
 - When Fax Preview is set to On, press Fax and Sending Fax(es).



- The Touchscreen shows:



- 3 You can change the following fax sending options. Press Options. Swipe up or down, or press ▲ or ▼ to scroll through the fax options. When the setting you want is displayed, press it and choose your new option. When you have finished changing the options, press OK.

NOTE

For the following advanced fax sending operations and settings, see *Advanced User's Guide: Sending a fax*

- Contrast
- Fax Resolution
- Broadcasting
- Real Time TX
- Overseas Mode
- Delayed Fax
- Batch TX
- Coverpage Message
- Coverpage Setup
- Polled TX

- 4 Enter the fax number.
Using the dial pad

Using the Address Book

- Address Book

Using call history

- Call History

(For more information, see *How to dial* on page 53.)

- 5 Press **Fax Start**.

Faxing from the ADF

- The machine starts scanning the document.

Faxing from the scanner glass

If **Real Time TX** is **On**, the machine will send the document without asking if there are additional pages to scan.

- If you press **Fax Start**, the machine starts scanning the first page.

When the Touchscreen shows **Next Page?**, do one of the following:

- To send a single page, press **No**. The machine starts sending the document.
- To send more than one page, press **Yes** and place the next page on the scanner glass. Press **OK**. The machine starts scanning the page. (Repeat this step for each additional page.)

Stop faxing

To stop faxing, press .

Faxing Letter size documents from the scanner glass

When faxing Letter size documents, you must set the scan glass size to **Letter**; otherwise, a portion of your faxes will be missing.

- 1 Do one of the following:
 - When **Fax Preview** is set to **Off**, press  (**Fax**).
 - When **Fax Preview** is set to **On**, press  (**Fax**) and **Sending Fax(es)**.
- 2 Press **Options**.
- 3 Swipe up or down, or press **▲** or **▼** to display **Glass Scan Size**.
- 4 Press **Glass Scan Size**.
- 5 Press **Letter**.
- 6 Press **OK**.

Canceling a fax in process

Press  to cancel the fax. If you press  while the machine is dialing or sending, the Touchscreen will show **Cancel Job?**.

Press **Yes** to cancel the fax.

Transmission Verification Report

You can use the Transmission Verification Report as proof that you sent a fax. This report lists the receiving party's name or fax number, the time and date of transmission, duration of transmission, number of pages sent, and whether or not the transmission was successful.

There are several settings available for the Transmission Verification Report:

- **On:** Prints a report after every fax you send.
- **On+Image:** Prints a report after every fax you send. A portion of the fax's first page appears on the report.
- **Off:** Prints a report if your fax is unsuccessful due to a transmission error. **Off** is the factory setting.
- **Off+Image:** Prints a report if your fax is unsuccessful due to a transmission error. A portion of the fax's first page appears on the report.

- 1 Press .
- 2 Press **All Settings**.
- 3 Swipe up or down, or press ▲ or ▼ to display **Fax**.
- 4 Press **Fax**.
- 5 Swipe up or down, or press ▲ or ▼ to display **Report Setting**.
- 6 Press **Report Setting**.
- 7 Press **Transmission**.
- 8 Press **On**, **On+Image**, **Off** or **Off+Image**.
- 9 Press .

NOTE

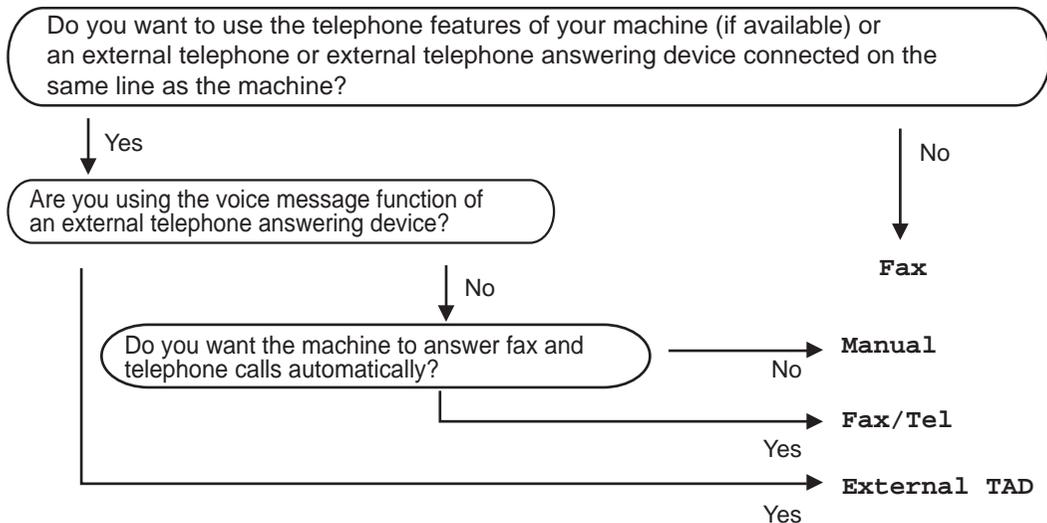
- If you choose **On+Image** or **Off+Image**, the image will not appear on the Transmission Verification Report if **Real Time Transmission** is set to **On**. (see *Advanced User's Guide, Real Time Transmission*).
- If the transmission is successful, **OK** will appear next to **RESULT** on the Transmission Verification Report. If the transmission is not successful, **NG** will appear next to **RESULT**.

Receive modes

You must choose a receive mode depending on the external devices and telephone services you have on your line.

Choosing the receive mode

By default, your machine will automatically receive any faxes that are sent to it. The diagrams below will help you choose the correct mode. (For more detailed information about the receive modes, see *Using receive modes* on page 41.)



To set the receive mode follow the instructions below.

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Fax.
- 4 Press Fax.
- 5 Swipe up or down, or press ▲ or ▼ to display Setup Receive.
- 6 Press Setup Receive.
- 7 Swipe up or down, or press ▲ or ▼ to display Receive Mode.
- 8 Press Receive Mode.

Chapter 5

- 9 Press Fax, Fax/Tel, External TAD or Manual.
- 10 Press .

Using receive modes

Some receive modes answer automatically (Fax and Fax/Tel). You may want to change the Ring Delay before using these modes (see *Ring Delay* on page 42).

Fax Only

Fax mode will automatically answer every call as a fax.

Fax/Tel

Fax/Tel mode helps you manage incoming calls, by recognizing whether they are fax or voice calls and handling them in one of the following ways:

- Faxes will be automatically received.
- Voice calls will start the F/T ring to tell you to pick up the line. The F/T ring is a fast pseudo/double-ring made by your machine.

(Also see *F/T Ring Time (Fax/Tel mode only)* on page 42 and *Ring Delay* on page 42.)

Manual

Manual mode turns off all automatic answering functions.

To receive a fax in Manual mode lift the handset of the external telephone or press



(Fax) and then press Hook. When you hear fax tones (short repeating beeps), press Fax Start, and then press Receive to receive a fax. You can also use the Easy Receive feature to receive faxes by lifting a handset on the same line as the machine.

(Also see *Easy Receive* on page 43.)

External TAD

External TAD mode lets an external answering device manage your incoming calls. Incoming calls will be handled in the following ways:

- Faxes will be automatically received.
- Voice callers can record a message on the external TAD.

(For more information, see *Connecting an external TAD (telephone answering device)* on page 49.)

Receive Mode settings

Ring Delay

The Ring Delay setting sets the number of times the machine rings before it answers in Fax and Fax/Tel modes.

If you have external or extension telephones on the same line as the machine, keep the Ring Delay setting of 2 (see *Using external and extension telephones* on page 51 and *Easy Receive* on page 43).

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Fax.
- 4 Press Fax.
- 5 Swipe up or down, or press ▲ or ▼ to display Setup Receive.
- 6 Press Setup Receive.
- 7 Swipe up or down, or press ▲ or ▼ to display Ring Delay.
- 8 Press Ring Delay.
- 9 Press 0, 1 or 2 for how many times you want the line to ring before the machine answers.
- 10 Press .

NOTE

If you choose 0, the machine will answer immediately and the line will not ring at all.

F/T Ring Time (Fax/Tel mode only)

When somebody calls your machine, you and your caller will hear the normal telephone ring sound. The number of rings is set by the Ring Delay setting.

If the call is a fax, then your machine will receive it; however, if it is a voice call the machine will sound the F/T ring (pseudo/double-ring) for the time you set in the F/T Ring Time setting. If you hear the F/T ring it means that a voice caller is on the line.

Because the F/T ring is made by the machine, extension and external telephones will *not* ring; however, you can still answer the call on any telephone (for more information, see *Using Remote Codes* on page 52).

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Fax.
- 4 Press Fax.
- 5 Swipe up or down, or press ▲ or ▼ to display Setup Receive.
- 6 Press Setup Receive.
- 7 Swipe up or down, or press ▲ or ▼ to display F/T Ring Time.
- 8 Press F/T Ring Time.
- 9 Press how long the machine will ring to alert you that you have a voice call (20, 30, 40 or 70 seconds).
- 10 Press .

NOTE

Even if the caller hangs up during the pseudo/double-ringing, the machine will continue to ring for the set time.

Easy Receive

If Easy Receive is On:

The machine can receive a fax automatically, even if you answer the call. When you see *Receiving* on the Touchscreen or hear a click on the phone line through the handset you are using, just replace the handset. Your machine will do the rest.

If Easy Receive is Off:

If you are at the machine and answer a fax call first by lifting the external handset, then press *Fax Start*, and then press *Receive* to receive the Fax.

If you answered at an extension telephone press *51 (see *Using external and extension telephones* on page 51).

NOTE

- If this feature is set to *On*, but your machine does not connect a fax call when you lift an extension telephone handset, press the fax receive code *51.
 - If you send faxes from a computer on the same telephone line and the machine intercepts them, set *Easy Receive* to *Off*.
-

- 1 Press .
- 2 Press *All Settings*.
- 3 Swipe up or down, or press ▲ or ▼ to display *Fax*.
- 4 Press *Fax*.
- 5 Swipe up or down, or press ▲ or ▼ to display *Setup Receive*.
- 6 Press *Setup Receive*.
- 7 Swipe up or down, or press ▲ or ▼ to display *Easy Receive*.
- 8 Press *Easy Receive*.
- 9 Press *On* (or *Off*).
- 10 Press .

Fax Preview (Black and White only)

How to preview a received fax

You can view received faxes on the

Touchscreen by pressing  (Fax) and

then  (Received Faxes). When the machine is in Ready mode, a pop-up message will appear on the Touchscreen to alert you of new faxes.

Setting Fax Preview

- 1 Press .
- 2 Press  (Fax Preview).
- 3 Press On (or Off).
- 4 Press Yes.
- 5 The Touchscreen will tell you that any future faxes will not be printed as you receive them.
Press Yes.
- 6 Press .

NOTE

When Fax Preview is turned on, a backup copy of received faxes will not be printed for Fax Forwarding and PC-Fax Receiving operations, even if you set Backup Print to On.

Using Fax Preview

When you receive a fax, you will see a pop-up message on the Touchscreen. (For example: New Fax(es):01 [View])

- 1 Press View.
The Touchscreen will display the fax list.

NOTE

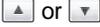
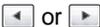
- Although printed faxes show the received date and time when Fax Receive Stamp is turned on, the Fax Preview screen will not show the received date and time.
- The fax list includes the old faxes and the new fax. The new fax is indicated by a blue mark next to the fax.
- To see a fax that has already been previewed, press Fax and Received Faxes.

- 2 Swipe up or down, or press ▲ or ▼ to display the fax number of the fax you want.
- 3 Press the fax you want.

NOTE

- If your fax is large there may be a delay before it is displayed.
- The Touchscreen will show the current page number and total pages of the fax message. When your fax message is over 99 pages the total number of pages will be shown as "xx."

Press the Touchscreen or Touchpanel to perform the following operations.

	Description
	Enlarge the fax.
	Reduce the fax.
	Scroll vertically.
	Scroll horizontally.
	Rotate the fax clockwise.
	Delete the fax. Press Yes to confirm.
	Go back to the previous page.
	Go to the next page.
	Go back to the fax list.
Start	Print the fax.

- 4 Press .

How to print a fax

- 1 Press  (Fax).
- 2 Press Received Faxes.
- 3 Press the fax you want.
- 4 Press Start.
- 5 Press .

How to print all faxes in the list

- 1 Press  (Fax).
- 2 Press Received Faxes.
- 3 Press Print/Delete.
- 4 Do one of the following:
 - Press Print All:New Fax(es) to print all faxes you have not yet viewed.
 - Press Print All(Old Faxes) to print all faxes you have viewed.

- 5 Press .

How to delete all faxes in the list

- 1 Press  (Fax).
- 2 Press Received Faxes.
- 3 Press Print/Delete.
- 4 Do one of the following:
 - Press Delete All:New Fax(es) to delete all faxes you have not yet viewed.
 - Press Delete All(Old Faxes) to delete all faxes you have viewed.
- 5 Press Yes to confirm.
- 6 Press .

Turning off Fax Preview

- 1 Press .
- 2 Press  (Fax Preview).
- 3 Press Off.
- 4 Press Yes to confirm.
- 5 If there are faxes stored in the memory, do one of the following:
 - If you do not want to print the stored faxes, press Continue.
Press Yes to confirm. Your faxes will be deleted.
 - To print all the stored faxes, press Print All Faxes Before Delete.
 - If you do not want to turn off Fax Preview, press Cancel.
- 6 Press .

How to use PC-FAX

PC-Fax Receive (For Windows® only)

If you turn on the PC-Fax Receive feature your MFC will store received faxes in memory and send them to your computer automatically. You can then use your computer to view and store these faxes.

Even if you turn off your computer (at night or on the weekend, for example), your MFC will receive and store your faxes in its memory. The number of received faxes that are stored in the memory will appear on the Touchscreen.

When you start your computer and the PC-Fax Receiving software runs, your MFC transfers your faxes to your computer automatically.

For PC-Fax Receive to work the PC-FAX Receiving software must be running on your computer.

Do one of the following:

- (Windows® XP, Windows Vista® and Windows® 7)

From the  (Start) menu, select **All Programs > Brother > MFC-XXXX > PC-FAX Receiving > Receive**. (XXXX is your model name.)

- (Windows® 8)

Click  (Brother Utilities), and then click the drop-down list and select your model name (if not already selected). Click **PC-FAX Receive** in the left navigation bar, and then click **Receive**.

If you choose Backup Print On, the machine will also print the fax.

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Fax.
- 4 Press Fax.
- 5 Swipe up or down, or press ▲ or ▼ to display Setup Receive.
- 6 Press Setup Receive.
- 7 Swipe up or down, or press ▲ or ▼ to display Memory Receive.
- 8 Press Memory Receive.
- 9 Press PC Fax Receive.
- 10 The Touchscreen shows a reminder to start the PC-FAX Receiving program on your computer. If you have started the PC-FAX Receiving program, press OK. For more information about how to start the PC-FAX Receiving program, see Software User's Guide.
- 11 Swipe up or down, or press ▲ or ▼ to display <USB> or your computer name if the machine is connected to a network. Press <USB> or your computer name. Press OK.
- 12 Press Backup Print: On or Backup Print: Off.

IMPORTANT

If you choose Backup Print: On, the machine will also print the fax at your machine so you will have a copy.

- 13 Press .

NOTE

- Before you can set up PC-Fax Receive you must install the MFL-Pro Suite software on your computer. Make sure your computer is connected and turned on (see Software User's Guide).
 - If your machine has an error and is unable to print faxes from memory, you can use this setting to transfer your faxes to a computer (see *Transferring your faxes or Fax Journal report* on page 107).
 - PC-Fax Receive is not supported in Mac OS.
-

PC-FAX Send

The Brother PC-FAX feature lets you use your computer to send a document from an application as a standard fax. You can send a file created in any application on your computer as a PC-FAX. You can even attach a cover page (for more information, see Software User's Guide).

How to send a PC-FAX:

Contact your application vendor if you need more support.

- 1 From your application select **File**, and then **Print**.
The Print dialog box will be displayed. (The steps may vary depending on your application.)
- 2 Select the **Brother PC-FAX v.3**.
- 3 Click **OK**.
The **Brother PC-FAX** user interface will be displayed.
- 4 Enter the recipient's fax number using your computer keyboard or by clicking the numeric keypad of the **Brother PC-FAX** user interface. You can also select a stored number from the **Address Book**.
- 5 Click  when using your computer keyboard or the numeric keypad.
- 6 Click **Start**.
Your document will be sent to the Brother machine and then faxed to the recipient.

Connecting an external TAD (telephone answering device)

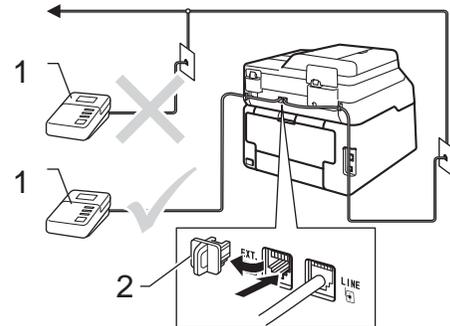
You can connect an external Telephone Answering Device (TAD) to the same line as your machine. When the TAD answers a call, your machine will “listen” for the CNG (fax calling) tones sent by a sending fax machine. If it hears them it will take over the call and receive the fax. If it does not hear them, it will let your TAD take a voice message and the display will show `Telephone`.

The external TAD must answer within four rings (we recommend you set it to two rings). This is because your machine cannot hear the CNG tones until the external TAD has picked up the call. The sending machine will send CNG tones for only eight to ten seconds longer. We do not recommend using the toll saver feature on your external TAD if it needs more than four rings to activate it.

The TAD must be connected to the EXT. jack of the machine.

- You must plug your TAD into the EXT. jack of your machine. If your TAD is plugged into a wall jack, both your machine and the TAD will try to control the telephone line. (See the illustration below.)

- Before you connect an external TAD (telephone answering device), remove the protective cap (2) from the EXT. jack on the machine.



- 1 TAD
- 2 Protective Cap

NOTE

If you have problems receiving faxes, reduce the Ring Delay setting on your external TAD.

Connections

The external TAD must be plugged into the back of the machine, into the jack labeled EXT. Your machine cannot work correctly if you plug the TAD into a wall jack.

- 1 Plug the telephone line cord from the telephone wall jack into the back of the machine, in the jack labeled LINE.
- 2 Plug the telephone line cord from your external TAD into the back of the machine, in the jack labeled EXT. (Make sure this cord is connected to the TAD at the TAD's telephone line jack, and not its handset jack.)
- 3 Set your external TAD to four rings or less. (The machine's Ring Delay setting does not apply.)
- 4 Record the outgoing message on your external TAD.
- 5 Set the TAD to answer calls.
- 6 Set the Receive Mode on your machine to `External TAD` (see *Receive modes* on page 39).

Recording an outgoing message (OGM)

- 1 Record 5 seconds of silence at the beginning of your message. This allows your machine time to listen for fax tones.
- 2 Limit your speaking to 20 seconds.
- 3 End your 20-second message by giving your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or press *51 and Start to send a fax."

NOTE

We recommend beginning your OGM with an initial 5 second silence because the machine cannot hear fax tones over a loud voice. You may try leaving out this pause, but if your machine has trouble receiving faxes, then you should re-record the OGM to include it.

Multi-line connections (PBX)

We suggest you ask the company who installed your PBX to connect your machine. If you have a multi line system we suggest you ask the installer to connect the unit to the last line on the system. This prevents the machine being activated each time the system receives telephone calls. If all incoming calls will be answered by a switchboard operator we recommend that you set the Receive Mode to `Manual`.

We cannot guarantee that your machine will operate correctly under all circumstances when connected to a PBX. Any difficulties with sending or receiving faxes should be reported first to the company who handles your PBX.

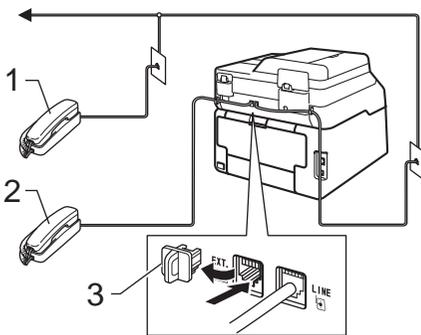
External and extension telephones

Connecting an external or extension telephone

You can connect a separate telephone directly to your machine as shown in the diagram below.

Connect the telephone line cord to the jack labeled EXT.

Before you connect an external telephone, remove the protective cap (3) from the EXT. jack on the machine.



- 1 Extension telephone
- 2 External telephone
- 3 Protective Cap

Using external and extension telephones

Using extension telephones

If you answer a fax call at an extension telephone, you can make your machine receive the fax by pressing the Fax Receive Code ***51**.

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at an extension telephone by pressing the Telephone Answer Code **#51** (see *F/T Ring Time (Fax/Tel mode only)* on page 42).

Using an external telephone (Connected to the EXT. jack of the machine)

If you answer a fax call at the external telephone connected to the EXT. jack of the machine, you can make the machine receive the fax by pressing **Fax Start** and choosing **Receive**.

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at the external telephone by pressing **Pickup**.

If you answer a call and no one is on the line:

You should assume that you're receiving a manual fax.

Press ***51** and wait for the chirp or until the Touchscreen shows **Receiving**, and then hang up.

NOTE

You can also use the Easy Receive feature to make your machine automatically take the call (see *Easy Receive* on page 43).

Using a non-Brother cordless external handset

If your non-Brother cordless telephone is connected to the EXT. jack of the machine (see page 51) and you typically carry the cordless handset elsewhere, it is easier to answer calls during the Ring Delay.

If you let the machine answer first, you must go to the machine so you can press **Pickup** to transfer the call to the cordless handset.

Using Remote Codes

Fax Receive Code

If you answer a fax call on an extension telephone, you can tell your machine to receive it by pressing the Fax Receive Code ***51**. Wait for the chirping sounds then replace the handset (see *Easy Receive* on page 43).

If you answer a fax call at the external telephone, you can make the machine receive the fax by pressing **Fax Start** and then pressing **Receive**.

Telephone Answer Code

If you receive a voice call and the machine is in F/T mode, it will start to sound the F/T ring (pseudo/double-ring) after the initial ring delay. If you pick up the call on an extension telephone you can turn the F/T ring off by pressing **#51** (make sure you press this *between* the rings).

If the machine answers a voice call and pseudo/double-rings for you to take over, you can take the call at the external telephone by pressing **Pickup**.

Changing the Remote Codes

The preset Fax Receive Code is ***51**. The preset Telephone Answer Code is **#51**. If you are always disconnected when accessing your External TAD, try changing the three-digit remote codes, for example **###** and 999.

- 1 Press .
- 2 Press **All Settings**.
- 3 Swipe up or down, or press **▲** or **▼** to display **Fax**.
- 4 Press **Fax**.
- 5 Swipe up or down, or press **▲** or **▼** to display **Setup Receive**.
- 6 Press **Setup Receive**.
- 7 Swipe up or down, or press **▲** or **▼** to display **Remote Codes**.
- 8 Press **Remote Codes**.
- 9 Do one of the following:
 - If you want to change the Fax Receive Code, press **Fax Receive Code**. Enter the new code, and then press **OK**.
 - If you want to change the Telephone Answer Code, press **Tel Answer**. Enter the new code, and then press **OK**.
 - If you do not want to change the Codes, go to step 10.
 - If you want to turn the Remote Codes Off (or On), press **Remote Codes Press Off** (or **On**).
- 10 Press .

8

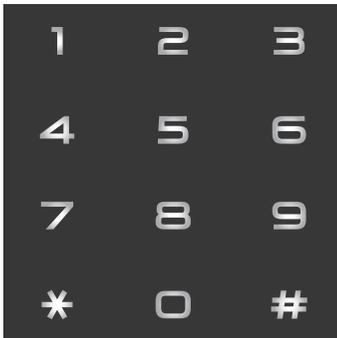
Dialing and storing numbers

How to dial

You can dial in any of the following ways.

Manual dialing

- 1 Load your document.
- 2 Do one of the following:
 - When Fax Preview is set to Off, press  (Fax).
 - When Fax Preview is set to On, press  (Fax) and Sending Fax(es).
- 3 Press all digits of the fax number.



- 4 Press Fax Start.

Dialing from the Address Book

- 1 Load your document.
- 2 Press  (Fax).
- 3 Press Address Book.
- 4 Do one of the following:
 - Swipe up or down, or press ▲ or ▼ to display the number you want.
 - Press , and then enter the first letter of the name and press OK.
- 5 Press the number or the name you want.
- 6 To send a fax, press Apply.
- 7 Press Fax Start.
The machine scans and sends the fax.

Fax redial

If you are sending a fax automatically and the line is busy, the machine will automatically redial one time after five minutes.

If you are sending a fax manually and the line is busy, press Hook and then Redial, wait for the other fax machine to answer, and then press Fax Start to try again. If you want to make a second call to the last number dialed, you can save time by pressing Redial and Fax Start.

Redial only works if you dialed from the machine.

Storing numbers

You can set up your machine to do the following types of easy dialing: Address Book and Groups for broadcasting faxes. When you dial an Address Book number, the Touchscreen shows the number.

NOTE

If you lose electrical power, the Address Book numbers that are in the memory will not be lost.

Storing a pause

Press **Pause** to insert a 3.5-second pause between numbers. You can press **Pause** as many times as needed to increase the length of the pause.

Storing Address Book numbers

You can store up to 200 Addresses with a name.

- 1 Press  (Fax).
- 2 Press **Address Book**.
- 3 Press **Edit**.
- 4 Press **Add New Address**.
- 5 Press **Name**.
- 6 Enter the name using the keyboard on the Touchscreen (up to 15 characters). (To help you enter letters, see *Entering text* on page 188.)
Press **OK**.
- 7 Press **Address**.
- 8 Enter the fax or telephone number using the keyboard on the Touchscreen (up to 20 digits).
Press **OK**.

NOTE

If you downloaded Internet Fax:

If you want to store an E-mail address to use with Internet Fax or Scan to E-mail

server, press  and enter the E-mail address (see *Entering text* on page 188), and press **OK**.

- 9 Press **OK**.
- 10 Do one of the following:
 - To store another Address Book number, repeat steps 3 - 10.
 - To finish storing numbers, press .

Changing Address Book names or numbers

You can change or delete an Address Book name or number that has already been stored.

If the stored number has a scheduled job, such as a delayed fax or a fax forwarding number, it will be dimmed on the Touchscreen. You cannot select the number to make changes or to delete it unless you first cancel the scheduled job (see *Advanced User's Guide, Checking and canceling waiting jobs*).

- 1 Press  (Fax).
- 2 Press **Address Book**.
- 3 Press **Edit**.
- 4 Do one of the following:
 - Press **Change** to edit the names or numbers. Go to step 5.
 - Press **Delete** to display **Delete**. Delete numbers by pressing them to display a red check mark.
Press **OK**.
Press **Yes** to confirm. Go to step 9.
- 5 Swipe up or down, or press ▲ or ▼ to display the number you want.
- 6 Press the number you want.
- 7 Do the following:
 - To change the name, press **Name**. Enter the new name (up to 15 characters) using the keyboard on the Touchscreen. (To help you enter letters, see *Entering text* on page 188).
Press **OK**.

- To change the fax or telephone number, press **Address**. Enter the new fax or telephone number (up to 20 digits) using the keyboard on the Touchscreen.

Press **OK**.

NOTE

How to change the stored name or number:

To change a character, press ◀ or ▶ to position the cursor to highlight the incorrect character, and then press . Enter the new character or number.

- 8 Press **OK** to finish.

To change another Address Book number, repeat steps 3 - 8.

- 9 Press .

9

Making copies

How to copy

The following steps show the basic copy operation.

- 1 Do one of the following to load your document:
 - Place the document *face up* in the ADF (see *Using the automatic document feeder (ADF)* on page 34).
 - Load your document *face down* on the scanner glass (see *Using the scanner glass* on page 35).

- 2 Press the Copy button on the Touchscreen.



- The Touchscreen shows



1 No. of Copies

You can enter the number of copies by using the dial pad.

- 3 For multiple copies, enter the two-digit number (up to 99).
- 4 Press **Color Start** or **Black Start**.

Stop copying

To stop copying, press .

Copy preset settings

You can copy with a variety of settings that are already set up for you in the machine simply by pressing them.

The following preset settings are available.

- Receipt
- Normal
- 2in1 (ID)
- 2in1
- 2-sided (1⇒2)
- Paper Save

- 1 Load your document.
- 2 Press  (Copy).
- 3 Swipe left or right to display Receipt, Normal, 2in1 (ID), 2in1, 2-sided (1⇒2) or Paper Save.
- 4 Enter the number of copies you want.
- 5 Do one of the following:
 - To change more settings, go to step 6.
 - If you have finished changing settings, go to step 9.
- 6 Press **Options**.
- 7 Swipe up or down, or press ▲ or ▼ to display the available settings, and then press the setting you want.

- 8 Swipe up or down, or press ▲ or ▼ to display the available options, and then press your new option. Repeat steps 7 and 8 for each setting you want. If you have finished changing the settings, press OK.

NOTE

Save the settings as a Shortcut by pressing **Save as Shortcut**.

- 9 Press **Color Start** or **Black Start**.

Copy Options

You can change the following copy settings. Press **Copy** and then press **Options**. Swipe up or down, or press ▲ or ▼ to scroll through the copy settings. When the setting you want is displayed, press it and choose your option. When you have finished changing the options, press **OK**.

(Advanced User's Guide)

For more information about changing the following settings, see *Advanced User's Guide: Copy settings*:

- Quality
- Enlarge/Reduce
- Density
- Contrast
- Stack/Sort
- Page Layout
- 2in1 (ID)
- Color Adjust
- 2-sided Copy
- Remove Background Color
- Save as Shortcut

10

Printing data from a USB Flash memory drive or digital camera supporting mass storage

With the Direct Print feature, you do not need a computer to print data. You can print by just plugging your USB Flash memory drive into the machine's USB direct interface. You can also connect and print directly from a camera set to USB mass storage mode.

You can use a USB Flash Memory Drive that has the following specifications:

USB Class	USB Mass Storage Class
USB Mass Storage Sub Class	SCSI or SFF-8070i
Transfer protocol	Bulk transfer Only
Format ¹	FAT12/FAT16/FAT32
Sector size	Max. 4096 Byte
Encryption	Encrypted devices are not supported.

¹ NTFS format is not supported.

NOTE

- Some USB Flash memory drives may not work with the machine.
- If your camera is in PictBridge mode, you cannot print data. See the documentation supplied with your camera to switch from PictBridge mode to mass storage mode.

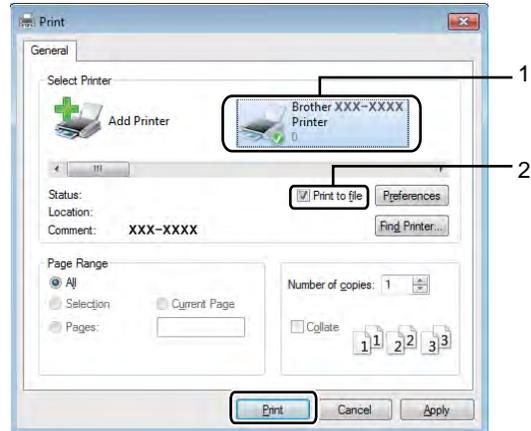
Creating a PRN file for direct printing

NOTE

The screens in this section may vary depending on your application and operating system.

- 1 From the menu bar of an application, click **File**, then **Print**.

- 2 Choose **Brother MFC-XXXX Printer** (1) and check the **Print to file** box (2). Click **Print**.



- 3 Choose the folder you want to save the file to and enter the file name if prompted.

If you are prompted for a file name only, you can also specify the folder you want to save the file in by entering the directory name. For example:
C:\Temp\FileName.prn

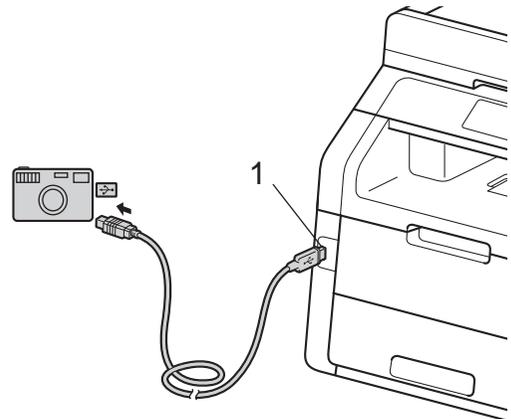
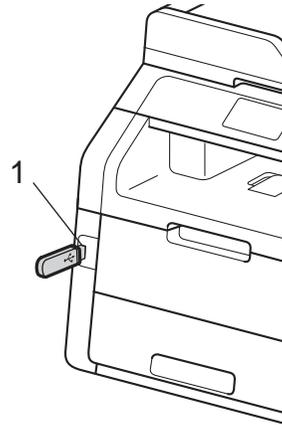
If a USB Flash memory drive is connected to your computer, you can save the file directly to the USB Flash memory drive.

Printing data directly from the USB Flash memory drive or digital camera supporting mass storage

NOTE

- Make sure your digital camera is turned on.
- Your digital camera must be switched from PictBridge mode to mass storage mode.

- 1 Connect your USB Flash memory drive or digital camera to the USB direct interface (1) on the front of the machine. The Touchscreen will automatically show the USB memory menu to confirm the intended use of the USB Flash memory drive or digital camera.



10

NOTE

- If an error occurs, the USB memory menu will not appear on the Touchscreen.
- When the machine is in Deep Sleep mode, the Touchscreen does not show any information even if you connect a USB flash memory drive to the USB direct interface. Press the Touchscreen to wake up the machine.

- 2 Press **Direct Print**.

NOTE

If your machine has been set to **Secure Function Lock On**, you may not be able to access **Direct Print** (see *Advanced User's Guide: Switching Users*).

- 3 Swipe up or down, or press ▲ or ▼ to choose the folder name and file name you want.
If you have selected the folder name, swipe up or down, or press ▲ or ▼ to choose the file name you want.

NOTE

If you want to print an index of the files, press **Index Print** on the Touchscreen. Press **Color Start** or **Black Start** to print the data.

- 4 Do one of the following:
- Press **Print Settings**. Go to step 5.
 - If you do not want to change the current settings, go to step 8.
- 5 Swipe up or down, or press ▲ or ▼ to display the setting you want.
- 6 Press the option you want.

NOTE

- You can choose the following settings:

Paper Type
Paper Size
Multiple Page
Orientation
2-sided
Collate
Print Quality
PDF Option

- Depending on the file type, some of these settings may not appear.

- 7 Do one of the following:
- To change another setting, repeat step 5.
 - If you do not want to change other settings, press **OK** and go to step 8.
- 8 Enter the number of copies you want using the touchpanel.
- 9 Press **Color Start** or **Black Start** to print the data.
- 10 Press .

IMPORTANT

- To prevent damage to your machine, **DO NOT** connect any device other than a digital camera or USB Flash memory drive to the USB direct interface.
- **DO NOT** remove the USB Flash memory drive or digital camera from the USB direct interface until the machine has finished printing.

Changing the default settings for direct print

You can change the default settings for Direct Print.

- 1 Connect your USB Flash memory drive or digital camera to the USB direct interface on the front of the machine.
- 2 Press `Direct Print`.
- 3 Press `DefaultSettings`.
- 4 Swipe up or down, or press ▲ or ▼ to display the setting you want. Press the setting.
- 5 Press the new option you want. Repeat steps 4 and 5 for each setting you want to change.
- 6 Press `OK`.
- 7 Press .

Printing a document

The machine can receive data from your computer and print it. To print from a computer, you must install the printer driver.

(For more information about printer driver settings, see Software User's Guide)

- 1 Install the Brother printer driver from the CD-ROM (see Quick Setup Guide).
- 2 From your application, choose the Print command.
- 3 Choose the name of your machine in the **Print** dialog box and click **Properties** (or **Preferences**, depending on the application you are using).
 - Paper Size
 - Orientation
 - Copies
 - Media Type
 - Print Quality
 - Color / Mono
 - Document Type
 - Multiple Page
 - 2-sided / Booklet
 - Paper Source
- 5 Click **Print** to begin printing.

12

How to scan to a computer

Before scanning

To use the machine as a scanner, install a scanner driver. If the machine is on a network, configure it with a TCP/IP address.

- Install the scanner drivers from the CD-ROM (see Quick Setup Guide: *Install MFL-Pro Suite*).
- Configure the machine with a TCP/IP address if network scanning does not work (see Software User's Guide).

Scanning a document as a PDF file using ControlCenter4 (Windows®)

(For Macintosh users, see Software User's Guide.)

NOTE

The screens on your computer may vary depending on your model.

ControlCenter4 is a software utility that lets you quickly and easily access the applications you use most often. Using ControlCenter4 eliminates the need to manually launch specific applications. You can use ControlCenter4 on your computer.

1 Load your document (see *How to load documents* on page 34).

2 Do one of the following:

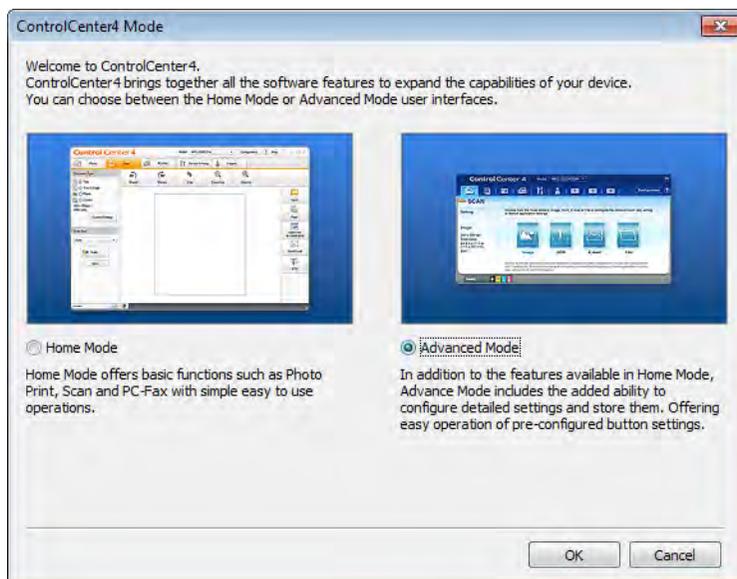
- (Windows® XP, Windows Vista® and Windows® 7)

Open ControlCenter4 by clicking  (Start) > All Programs > Brother > XXX-XXXX (where XXX-XXXX is your model name) > ControlCenter4. The ControlCenter4 application will open.

- (Windows® 8)

Click  (Brother Utilities), and then click the drop-down list and select your model name (if not already selected). Click **SCAN** in the left navigation bar, and then click **ControlCenter4**. The ControlCenter4 application will open.

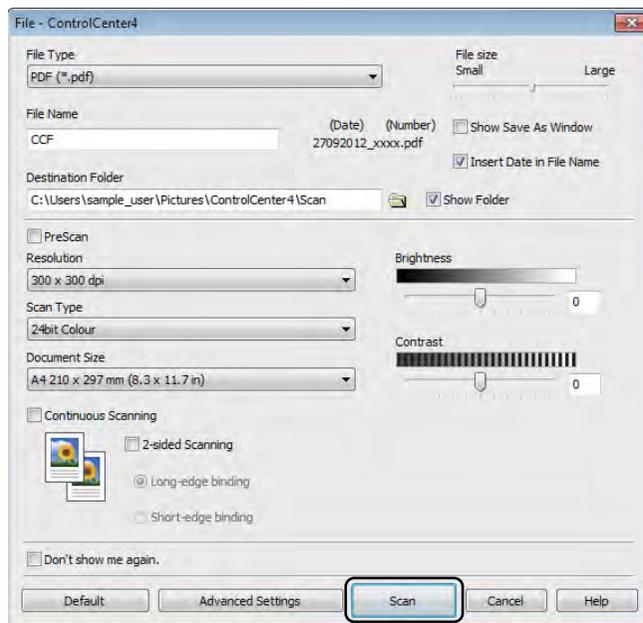
3 If the ControlCenter4 Mode screen appears, choose the **Advanced Mode** and then click **OK**.



- 4 Make sure the machine you want to use is selected from the **Model** pull-down list.
- 5 Click **File**.



- 6 Press **Scan**.
The machine starts the scanning process. The folder where the scanned data is saved will open automatically.



How to scan a document as a PDF file using the Touchscreen

- 1 Load your document (see *How to load documents* on page 34).
- 2 Press Scan.



- 3 Swipe left or right to display to File.



will be displayed in the center of the Touchscreen highlighted in blue.

- 4 Press OK.
When the machine is connected to a network, press the computer name.
Do one of the following:
 - If you want to use the default settings, go to step 9.
 - If you want to change the default settings, go to step 5.

- 5 Press Options.

- 6 Press Set with Touch Panel.
Press On.

- 7 Choose the settings for Scan Type, Resolution, File Type, Scan Size and Remove Background Color as needed.

- 8 Press OK.

- 9 Press Start.
The machine starts the scanning process.

NOTE

The following scan modes are available.

- to USB
- to Network (Windows®)
- to FTP
- to E-mail Server
- to E-mail
- to Image
- to OCR
- to File
- WS Scan¹ (Web Services Scan)

¹ Windows® users only (Windows Vista® SP2 or later, Windows® 7 and Windows® 8)
(See Software User's Guide.)

A

Routine maintenance

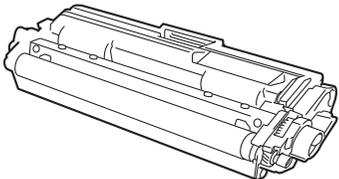
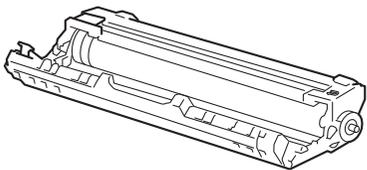
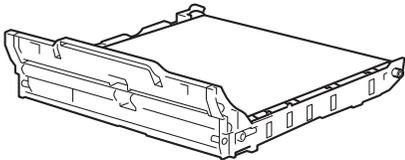
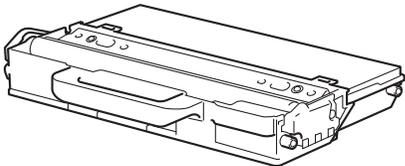
Replacing the consumable items

You must replace the consumable items when the machine indicates that the life of the consumable is over. You can replace the following consumable items by yourself:

Using non-Brother supplies may affect the print quality, hardware performance, and machine reliability.

NOTE

- The drum unit and toner cartridge are two separate parts.
- The drum unit and toner cartridge are two separate consumables. Make sure both are installed as an assembly. If the toner cartridge is placed in the machine without the drum unit, the message **Drum !** may be displayed.

Toner cartridge	Drum unit
See <i>Replacing the toner cartridges</i> on page 72. Order No. TN-261BK, TN-261C, TN-261M, TN-261Y, TN-265C, TN-265M, TN-265Y	See <i>Replacing the drum units</i> on page 82. Order No. DR-261CL (4 pc. drum set) or DR-261CL-BK, DR-261CL-CMY (single drums)
	
Belt unit	Waste toner box
See <i>Replacing the belt unit</i> on page 88. Order No. BU-220CL	See <i>Replacing the waste toner box</i> on page 92. Order No. WT-220CL
	

The messages in the table appear on the Touchscreen in Ready mode. These messages provide advanced warnings to replace the consumable items before they reach end of life. To avoid any inconvenience, you may want to buy spare consumable items before the machine stops printing.

Touchscreen messages	Consumable item to get ready	Approximate life	How to replace	Order No.
Toner Low Prepare New Toner Cartridge.	Toner cartridge BK = Black C = Cyan M = Magenta Y = Yellow	<Black> 2,500 pages ^{1 2 5} <Cyan, Magenta, Yellow> 1,400 pages ^{1 2 5} 2,200 pages ^{1 2 6}	See page 72.	TN-261BK ⁵ TN-261C ⁵ TN-261M ⁵ TN-261Y ⁵ TN-265C ⁶ TN-265M ⁶ TN-265Y ⁶
Drum End SoonX	1 Drum unit X = BK, C, M, Y BK = Black C = Cyan M = Magenta Y = Yellow	15,000 pages ^{1 3 4}	See page 83.	4 Drum units: DR-261CL 1 Drum unit: DR-261CL-BK DR-261CL-CMY
Belt End Soon	Belt unit	50,000 pages ¹	See page 88.	BU-220CL
WT Box End Soon	Waste toner box	50,000 pages ¹	See page 92.	WT-220CL

¹ A4 or Letter size single-sided pages.

² Approx. cartridge yield is declared in accordance with ISO/IEC 19798.

³ 1 page per job

⁴ Drum life is approximate and may vary by type of use.

⁵ Standard toner cartridge

⁶ High yield toner cartridge

You must clean the machine regularly and replace the consumable items when the messages in the table are displayed on the Touchscreen.

Touchscreen messages	Consumable item to replace	Approximate life	How to replace	Order No.
Replace Toner	Toner cartridge The Touchscreen shows the toner cartridge color that you must replace. BK = Black C = Cyan M = Magenta Y = Yellow	<Black> 2,500 pages ^{1 2 5} <Cyan, Magenta, Yellow> 1,400 pages ^{1 2 5} 2,200 pages ^{1 2 6}	See page 72.	TN-261BK ⁵ TN-261C ⁵ TN-261M ⁵ TN-261Y ⁵ TN-265C ⁶ TN-265M ⁶ TN-265Y ⁶
Replace DrumX	Drum unit X = BK, C, M, Y BK = Black C = Cyan M = Magenta Y = Yellow	15,000 pages ^{1 3 4}	See page 83.	4 Drum units: DR-261CL 1 Drum unit: DR-261CL-BK DR-261CL-CMY
Drum Stop	Drum unit			
Replace Belt	Belt unit	50,000 pages ¹	See page 88.	BU-220CL
Replace WT Box	Waste toner box	50,000 pages ¹	See page 92.	WT-220CL
Replace Fuser	Fuser unit	50,000 pages ¹	Call Brother Customer Service or your local Brother dealer for a replacement fuser unit.	
Replace PF kit	Paper feeding kit	50,000 pages ¹	Call Brother Customer Service or your local Brother dealer for a replacement paper feeding kit.	

¹ A4 or Letter size single-sided pages.

² Approx. cartridge yield is declared in accordance with ISO/IEC 19798.

³ 1 page per job

⁴ Drum life is approximate and may vary by type of use.

⁵ Standard toner cartridge

⁶ High yield toner cartridge

NOTE

- Discard used consumable items according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office. Be sure to reseal the consumable items tightly so that the material inside does not spill.
 - We recommend placing used consumable items on a piece of paper to prevent accidentally spilling or scattering the material inside.
 - If you use paper that is not a direct equivalent for the recommended paper, the life of consumable items and machine parts may be reduced.
 - The projected life for each of the toner cartridges is based on ISO/ICE 19798. Frequency of replacement will vary depending on the print volume, percentage of coverage, types of media used, and powering on/off the machine.
 - Frequency of replacement consumables except toner cartridges will vary depending on the print volume, types of media used, and powering on/off the machine.
-

Replacing the toner cartridges

Order No. TN-261BK¹, TN-261C¹, TN-261M¹, TN-261Y¹, TN-265C², TN-265M², TN-265Y²

The Standard toner cartridge can print approximately 2,500 pages³ (Black) or approximately 1,400 pages³ (Cyan, Magenta, Yellow). The High Yield toner cartridge can print approximately 2,200 pages³ (Cyan, Magenta, Yellow). Actual page count will vary depending on your average type of document.

When a toner cartridge is running low, the Touchscreen shows `Toner Low`.

The toner cartridges that come supplied with the machine must be replaced after approximately 1,000 pages³.

¹ Standard toner cartridge

² High yield toner cartridge

³ Approx. cartridge yield is declared in accordance with ISO/IEC 19798.

NOTE

- The indication of remaining toner life will vary depending on the types of documents printed and customer's usage.
 - It is a good idea to keep a new toner cartridge ready for use when you see the `Toner Low` warning.
 - To ensure high quality printing, we recommend that you use only Genuine Brother Brand toner cartridges. When you want to buy toner cartridges, call Brother Customer Service.
 - We recommend that you clean the machine when you replace the toner cartridge (see *Advanced User's Guide: Cleaning and checking the machine*).
 - DO NOT unpack the new toner cartridge until you are ready to install it.
-

Toner Low

If the Touchscreen shows `Toner Low`, buy a new toner cartridge for the color indicated on the Touchscreen and have it ready before you get a `Replace Toner` message.

Replace Toner

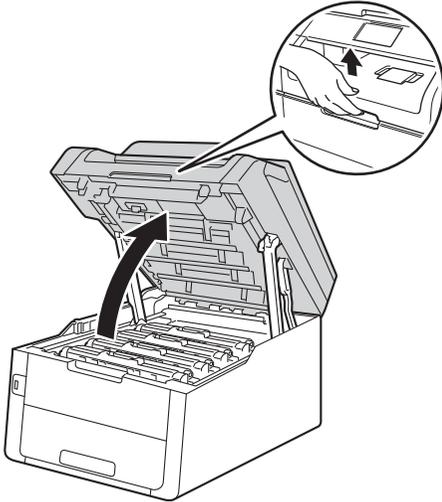
When the Touchscreen shows `Replace Toner` the machine will stop printing until you replace the toner cartridge.

The Touchscreen shows the toner cartridge color that you must replace. (BK=Black, C=Cyan, M=Magenta, Y=Yellow).

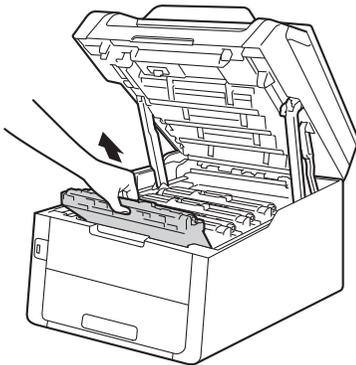
A new genuine Brother toner cartridge will reset the `Replace Toner` mode.

Replacing the toner cartridges

- 1 Make sure the machine is turned on.
- 2 Open the top cover until it locks in the open position.



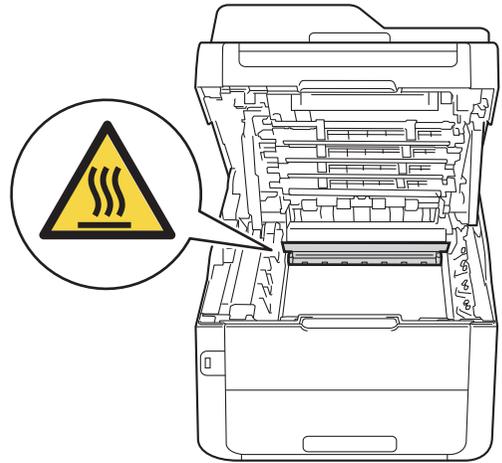
- 3 Remove the toner cartridge and drum unit assembly for the color shown on the Touchscreen.



WARNING

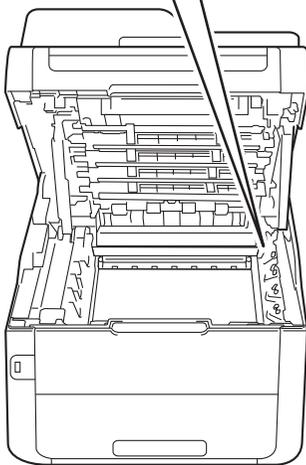
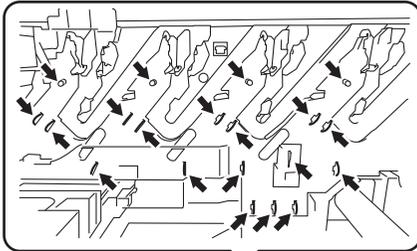
HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

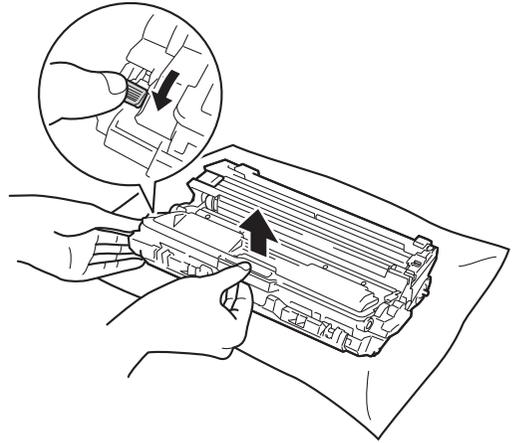


IMPORTANT

- We recommend that you place the toner cartridge and drum unit assembly on a clean, flat surface with disposable paper underneath it in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, **DO NOT** touch the electrodes shown in the illustration.



- 4 Push down the green lock lever and take the toner cartridge out of the drum unit.



! WARNING



- **DO NOT** put a toner cartridge or a toner cartridge and drum unit assembly into a fire. It could explode, resulting in injuries.
- **DO NOT** use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth.

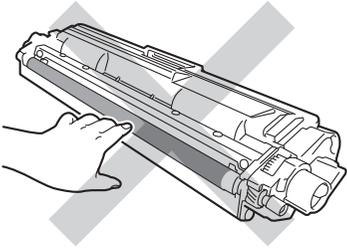
(See Product Safety Guide: *To use the product safely.*)



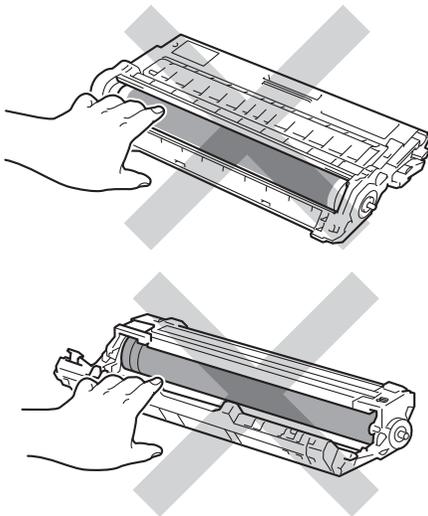
IMPORTANT

- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.

<Toner cartridge>



<Drum unit>

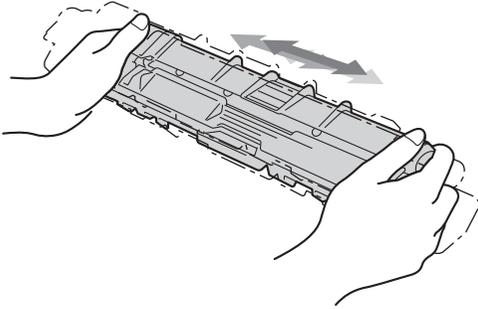


- We recommend that you place the toner cartridge on a clean, flat, level, stable surface with disposable paper underneath it in case you accidentally spill or scatter toner.

NOTE

- Be sure to seal up the used toner cartridge tightly in a bag so that toner powder does not spill out of the cartridge.
- Discard used consumable items according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office. Be sure to reseal the consumable items tightly so that the material inside does not spill.

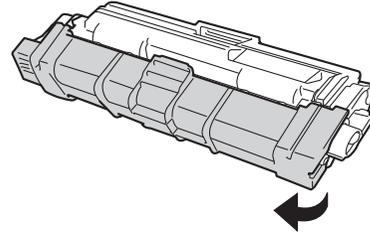
- 5 Unpack the new toner cartridge. Hold the cartridge level with both hands and gently shake it from side to side several times to spread the toner evenly inside the cartridge.



IMPORTANT

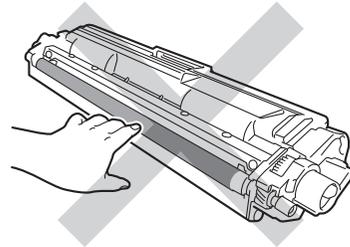
- DO NOT unpack the new toner cartridge until you are ready to install it. If a toner cartridge is left unpacked for a long time, the toner life will be shortened.
 - If an unpacked drum unit is placed in direct sunlight (or room light for long periods of time), the unit may be damaged.
 - Brother strongly recommends that you DO NOT refill the toner cartridge provided with your machine. We also strongly recommend that you continue to use only Genuine Brother Brand replacement toner cartridges. Use or attempted use of third party toner and/or cartridges in the Brother machine may cause damage to the machine and/or may result in unsatisfactory print quality. Our limited warranty coverage does not apply to any problem that is caused by the use of third party toner and/or cartridges. To protect your investment and obtain premium performance from the Brother machine, we strongly recommend the use of Genuine Brother Supplies.
-

- 6 Pull off the protective cover.

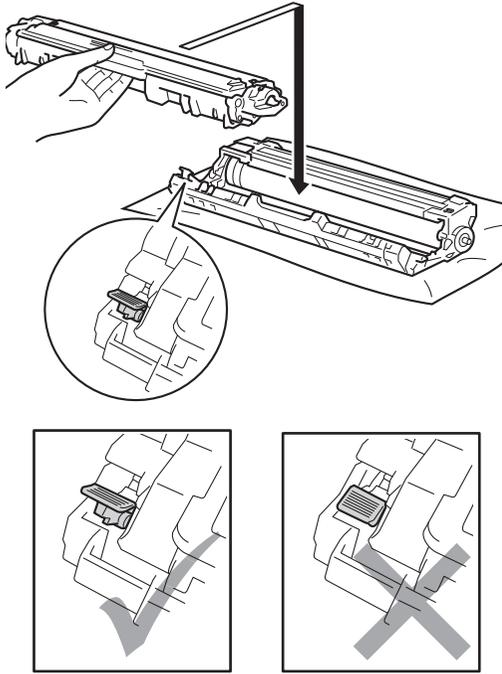


IMPORTANT

Put the new toner cartridge in the drum unit immediately after you remove its protective cover. To prevent any degradation to the print quality, DO NOT touch the shaded parts shown in the illustrations.



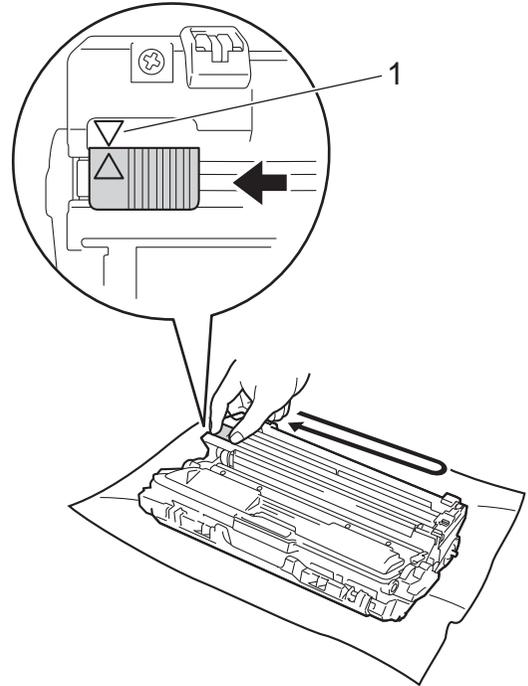
- 7 Put the new toner cartridge firmly into the drum unit until you hear it lock into place. If you put it in correctly, the green lock lever on the drum unit will lift automatically.



NOTE

Make sure you put the toner cartridge in correctly or it may separate from the drum unit.

- 8 Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.



NOTE

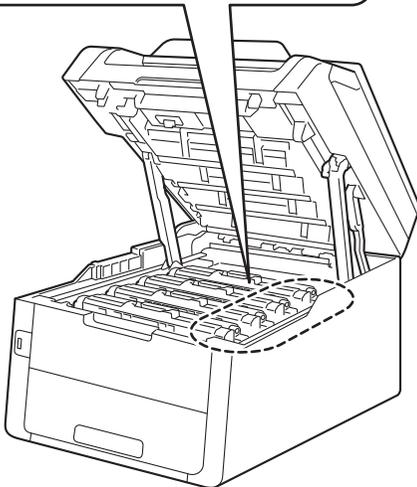
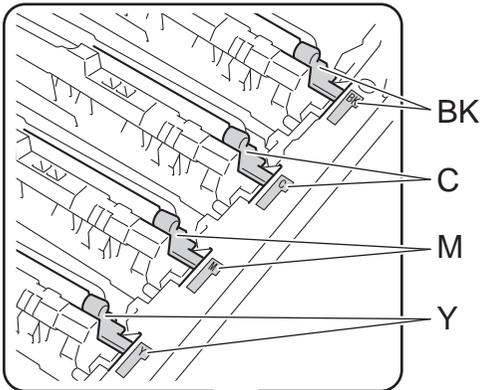
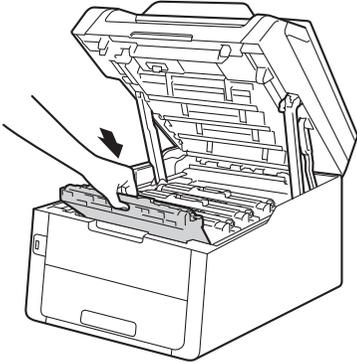
Be sure to return the tab to the Home position (▲) (1). The arrow on the tab must be aligned with the arrow on the drum unit. If it is not, printed pages may have a vertical stripe.

- 9 Repeat step 3 and step 8 to clean each of three remaining corona wires.

NOTE

When cleaning the corona wires, you do not have to remove the toner cartridge from the drum unit.

- 10 Slide each toner cartridge and drum unit assembly into the machine. Make sure you match the toner cartridge color to the same color label on the machine.



BK = Black, C = Cyan,
M = Magenta, Y = Yellow

- 11 Close the top cover of the machine.

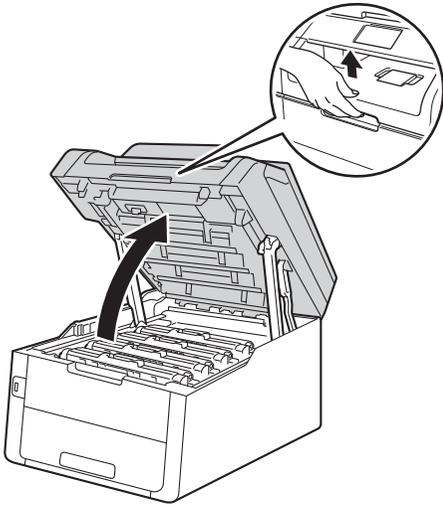
NOTE

After replacing a toner cartridge, DO NOT turn off the machine or open the top cover until the Touchscreen clears the Please wait. message and returns to Ready mode.

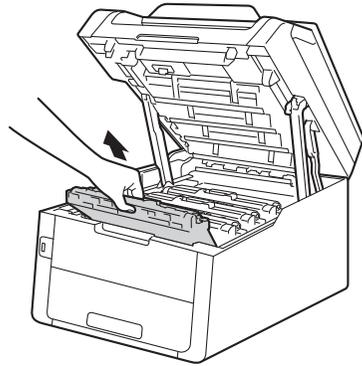
Cleaning the corona wires

If you have print quality problems or the Touchscreen shows **Drum !**, clean the corona wires as follows:

- 1 Open the top cover until it locks in the open position.



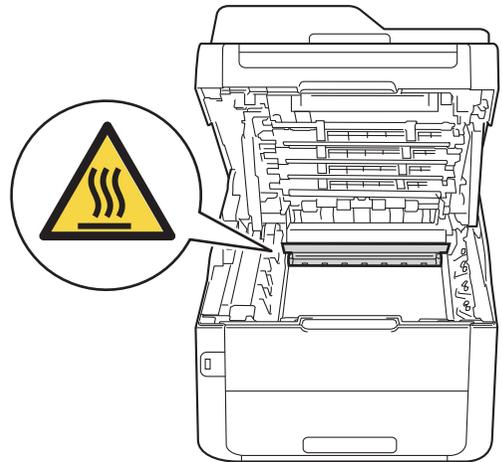
- 2 Remove the toner cartridge and drum unit assembly.



WARNING

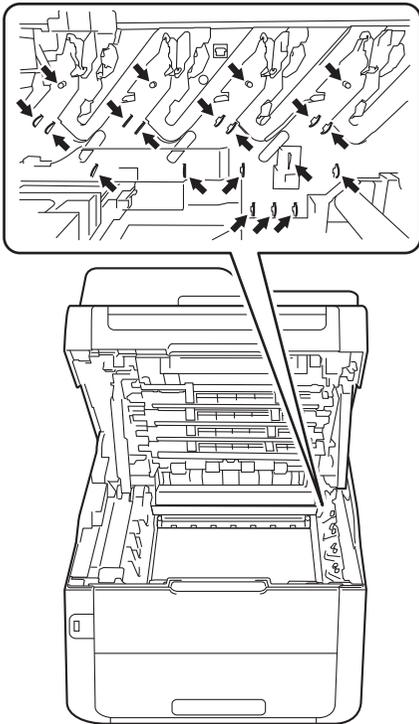
HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

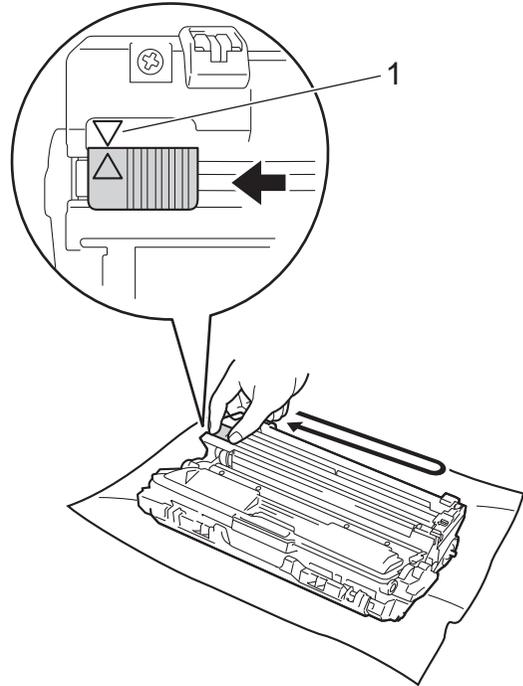


IMPORTANT

- We recommend that you place the toner cartridge and drum unit assembly on a clean, flat surface with disposable paper underneath it in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



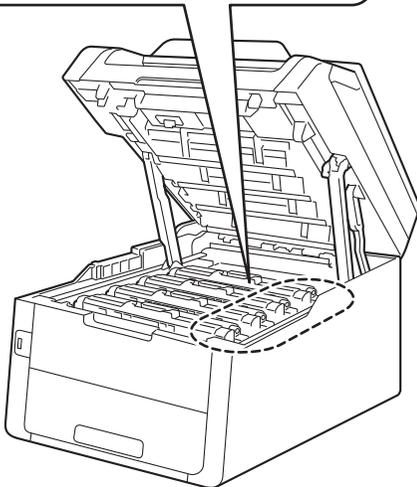
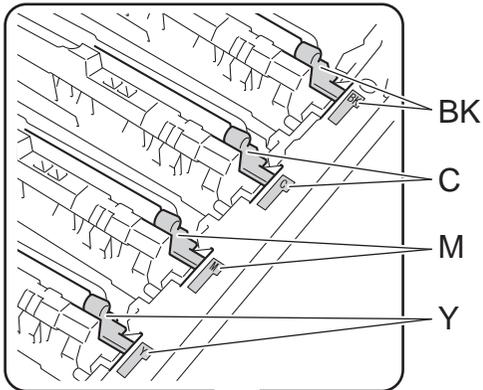
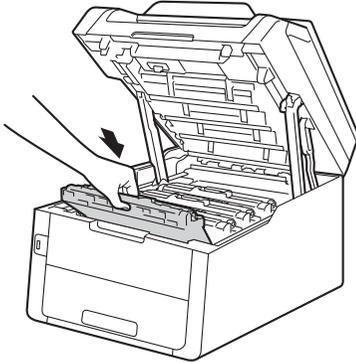
- 3 Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.



NOTE

Be sure to return the tab to the Home position (▲) (1). The arrow on the tab must be aligned with the arrow on the drum unit. If it is not, printed pages may have a vertical stripe.

- 4 Slide the toner cartridge and drum unit assembly into the machine. Make sure you match the toner cartridge color to the same color label on the machine.



BK = Black, C = Cyan,
M = Magenta, Y= Yellow

- 5 Repeat steps 2 - 4 to clean the three remaining corona wires.

NOTE

When cleaning the corona wires, you do not have to remove the toner cartridge from the drum unit.

- 6 Close the top cover of the machine.

Replacing the drum units

Order No. DR-261CL 4 pc. Drum Set or single drum units DR-261CL-BK, DR-261CL-CMY

A new drum unit can print approximately 15,000 Letter or A4 size single-sided pages.

DR-261CL Drum Set contains four drum units, one Black (DR-261CL-BK) and three Color (DR-261CL-CMY).

DR-261CL-BK contains one Black drum.
DR-261CL-CMY contains one Color drum.

Drum wear and tear occurs due to use and rotation of the drum and interaction with paper, toner and other materials in the paper path. In designing this product, Brother decided to use the number of rotations of the drum as a reasonable determinant of the drum life. When a drum reaches the factory-established rotation limit corresponding to the rated page yield, the product's Touchscreen LCD will advise you to replace the applicable drum(s). The product will continue to function; however, print quality may not be optimal.

As the drums rotate in unison during the various stages of operation (regardless of whether toner is deposited on the page) and because damage to a single drum unit is not likely, you must replace all of the drums at once (unless you replaced an individual drum [DR-261CL-BK for Black and DR-261CL-CMY for Color] for reasons other than reaching its rated life). For your convenience, Brother sells the drum units as a set of four (DR-261CL).

NOTE

- There are many factors that determine the actual drum life, such as the temperature, humidity, type of paper, type of toner used and so on. Under ideal conditions, the average drum life is estimated at approximately 15,000 pages. The actual number of pages that your drum will print may be significantly less than this estimate. Because we have no control over the many factors that determine the actual drum life, we cannot guarantee a minimum number of pages that will be printed by your drum.
 - For best performance, use only genuine Brother toner. The machine should be used only in a clean, dust-free environment with adequate ventilation.
 - Printing with a non-Brother drum unit may reduce not only the print quality but also the quality and life of the machine itself. Warranty coverage does not apply to problems caused by the use of a non-Brother drum unit.
-

Drum !

The corona wires are dirty. Clean the corona wires in the four drum units (see *Cleaning the corona wires* on page 79).

If you cleaned the corona wires and the Drum ! error was not cleared, then the drum unit is at the end of its life. Replace the drum units with a new set.

Drum End SoonX

If only a specified drum is near the end of its life, the Touchscreen shows the `Drum End SoonX` message. The `X` indicates the drum unit color that is near the end of its life. (`BK`=Black, `C`=Cyan, `M`=Magenta, `Y`=Yellow). We recommend you keep genuine Brother drum units ready for installation. Buy a new drum unit DR-261CL-BK (for Black) or a DR-261CL-CMY (for either C, M, Y color) and have it ready before you get a `Replace DrumX` message.

Replace DrumX

If only a specified drum needs to be replaced, the Touchscreen shows the `Replace DrumX` message. The `X` indicates the drum unit color that you must replace. (`BK`=Black, `C`=Cyan, `M`=Magenta, `Y`=Yellow)

The drum unit has exceeded its rated life. Replace the drum unit with a new one. We recommend a genuine Brother drum unit be installed at this time.

After replacement, reset the drum counter by following the instructions included with the new drum unit (see *Resetting the drum counter* on page 88).

Drum Stop

We cannot guarantee the print quality. Replace the drum unit with a new one. We recommend a genuine Brother drum unit be installed at this time.

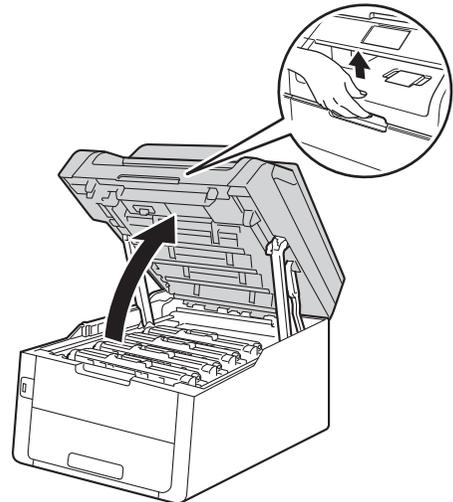
After replacement, reset the drum counter by following the instructions included with the new drum unit (see *Resetting the drum counter* on page 88).

Replacing the drum units

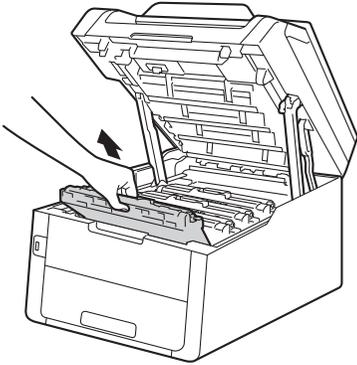
IMPORTANT

- While removing the drum unit, handle it carefully because it may contain toner. If toner scatters on your hands or clothes, wipe or wash it off with cold water at once.
- Every time you replace the drum unit, clean the inside of the machine (see *Advanced User's Guide: Cleaning and checking the machine*).
- DO NOT unpack the new drum unit until you are ready to install it. Exposure to direct sunlight (or room light for long periods of time) may damage the drum unit.

- 1 Make sure the machine is turned on.
- 2 Open the top cover until it locks in the open position.



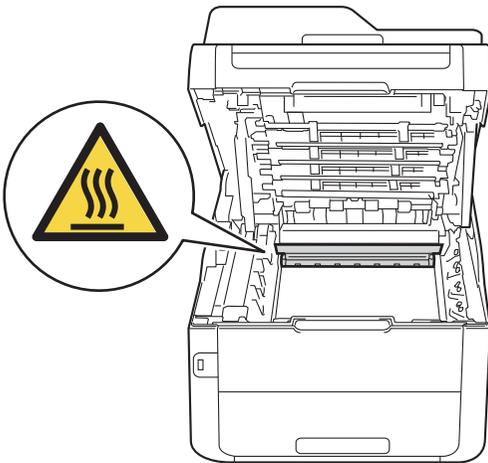
- 3 Remove the toner cartridge and drum unit assembly for the color shown on the Touchscreen.



⚠ WARNING

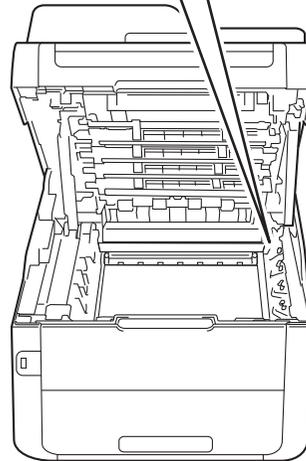
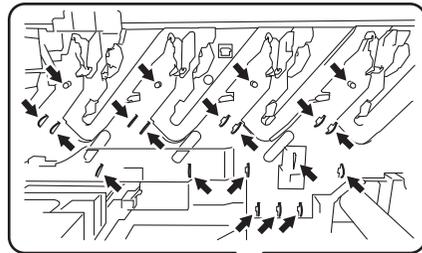
🔥 HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

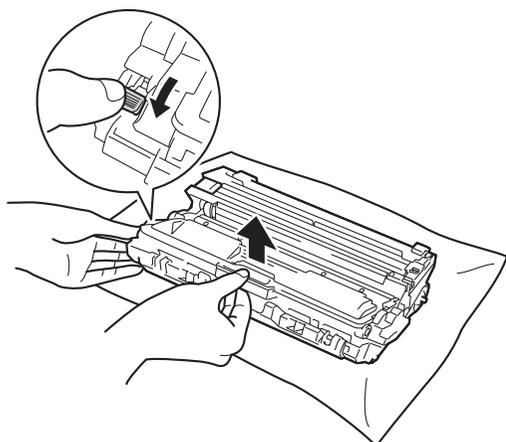


IMPORTANT

- We recommend that you place the toner cartridge and drum unit assembly on a clean, flat surface with disposable paper underneath it in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



- 4 Push down the green lock lever and take the toner cartridge out of the drum unit.



! WARNING



- DO NOT put a toner cartridge or a toner cartridge and drum unit assembly into a fire. It could explode, resulting in injuries.
- DO NOT use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth.

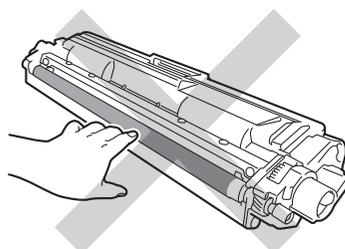
(See Product Safety Guide: *To use the product safely.*)



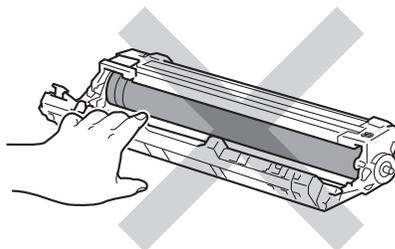
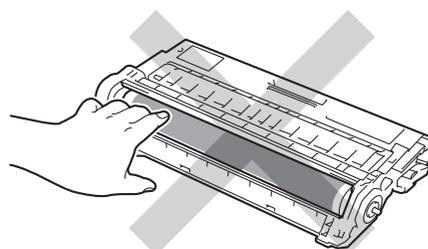
IMPORTANT

- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, immediately wipe or wash it off with cold water.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.

<Toner cartridge>



<Drum unit>



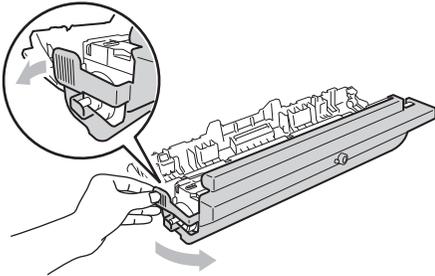
- We recommend that you place the toner cartridge on a clean, flat, level, stable surface with disposable paper underneath it in case you accidentally spill or scatter toner.

NOTE

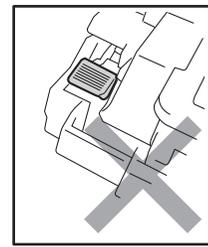
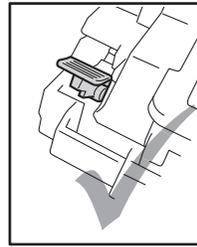
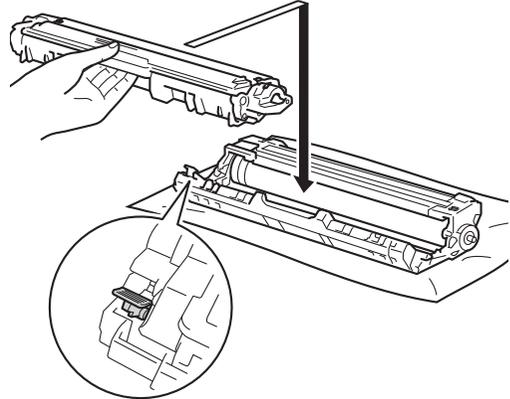
- Be sure to seal up the used drum unit tightly in a bag so that toner powder does not spill out of the drum unit.
- Discard used consumable items according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office. Be sure to reseal the consumable items tightly so that the material inside does not spill.

5 Unpack the new drum unit.

6 Pull off the protective cover.



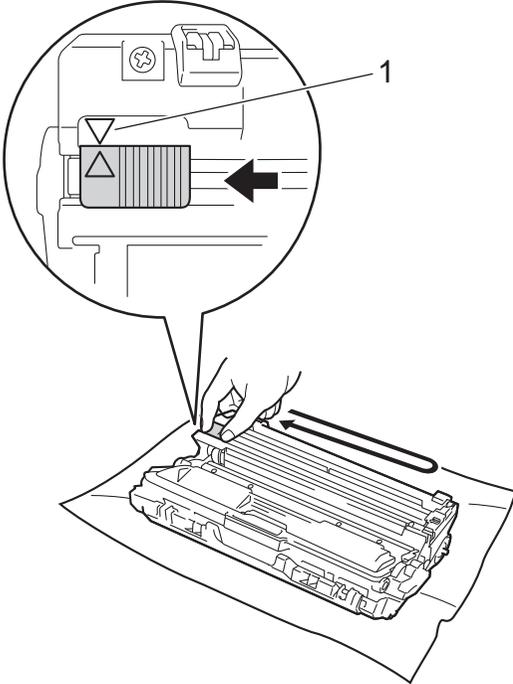
7 Put the toner cartridge firmly into the new drum unit until you hear it lock into place. If you put the cartridge in correctly, the green lock lever will lift automatically.



NOTE

Make sure you put in the toner cartridge correctly or it may separate from the drum unit.

- 8 Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.



NOTE

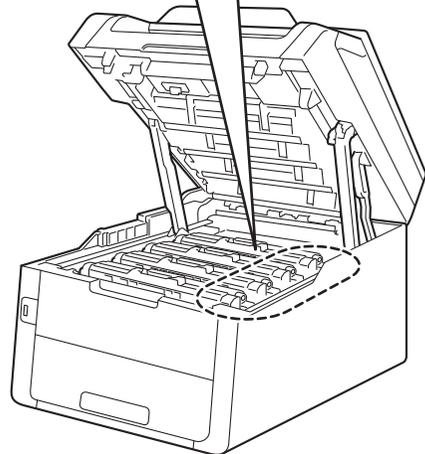
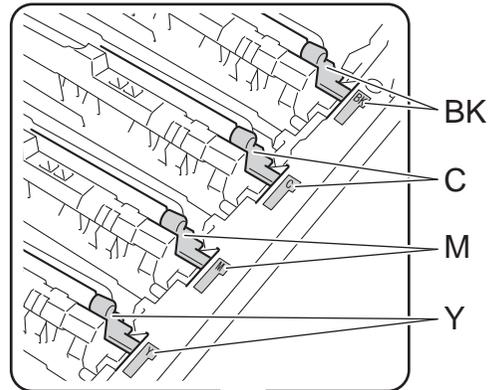
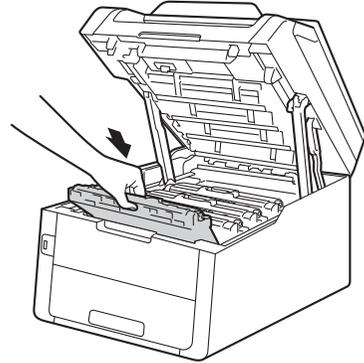
Be sure to return the tab to the Home position (▲) (1). The arrow on the tab must be aligned with the arrow on the drum unit. If it is not, printed pages may have a vertical stripe.

- 9 Repeat step 3 and step 8 to clean each of the three remaining corona wires.

NOTE

When cleaning the corona wires, you do not have to remove the toner cartridge from the drum unit.

- 10 Slide each toner cartridge and drum unit assembly into the machine. Make sure you match the toner cartridge color to the same color label on the machine.



BK = Black, C = Cyan,
M = Magenta, Y = Yellow

- 11 Close the top cover of the machine.

Resetting the drum counter

When you replace the drum unit with a *new* one, you must reset the drum counter by completing the following steps.

IMPORTANT

Do not reset the drum counter when you only replace the toner cartridge.

- 1 Press  to interrupt the error.
- 2 Press .
- 3 Press All Settings.
- 4 Swipe up or down, or press ▲ or ▼ to display Machine Info..
- 5 Press Machine Info..
- 6 Press Parts Life.
- 7 Touch the dial pad area to light up the LEDs.
- 8 Press # until the Touchscreen message changes.
- 9 Press the color of the drum unit you replaced.
- 10 Press Yes.
- 11 Press .

Replacing the belt unit

Order No. BU-220CL

A new belt unit can print approximately 50,000 Letter or A4 size single-sided pages.

Replace Belt

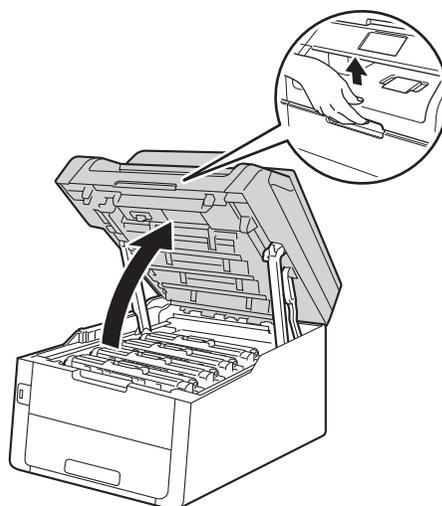
When the `Replace Belt` message appears on the Touchscreen, you must replace the belt unit.

After replacement, reset the belt unit by following the instructions included with the new belt unit (see *Resetting the belt unit counter* on page 91).

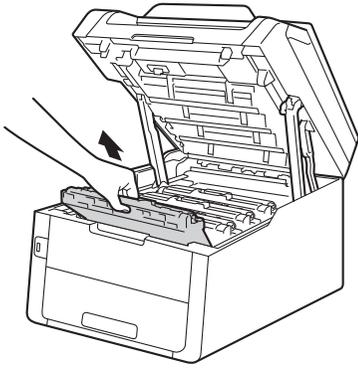
IMPORTANT

- DO NOT touch the surface of the belt unit. If you touch it, it could degrade print quality.
- Damage caused by incorrect handling of the belt unit may void your warranty.

- 1 Make sure the machine is turned on.
- 2 Open the top cover until it locks in the open position.



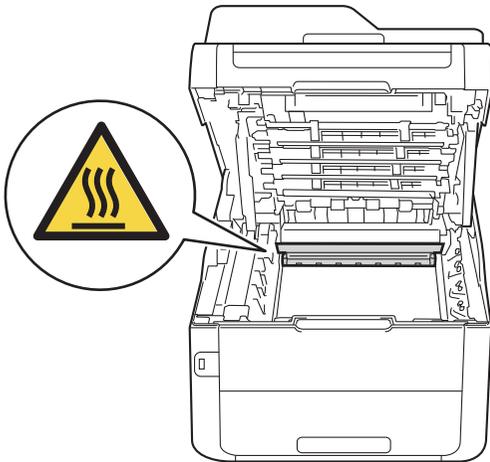
- 3 Remove all of the toner cartridge and drum unit assemblies.



⚠ WARNING

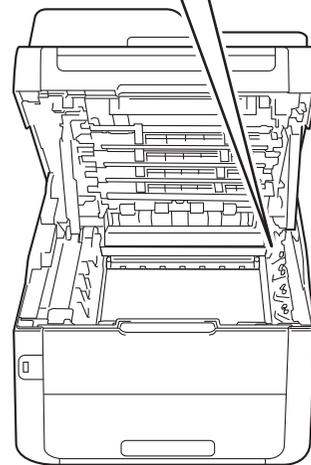
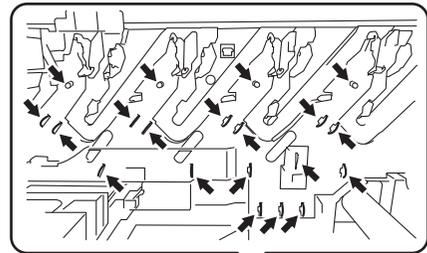
🔥 HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

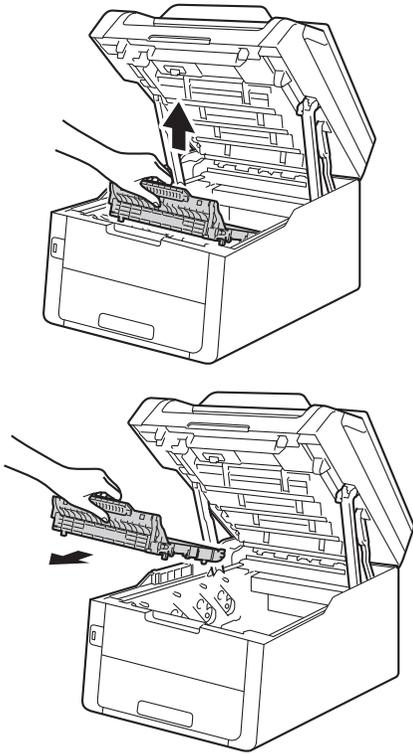


IMPORTANT

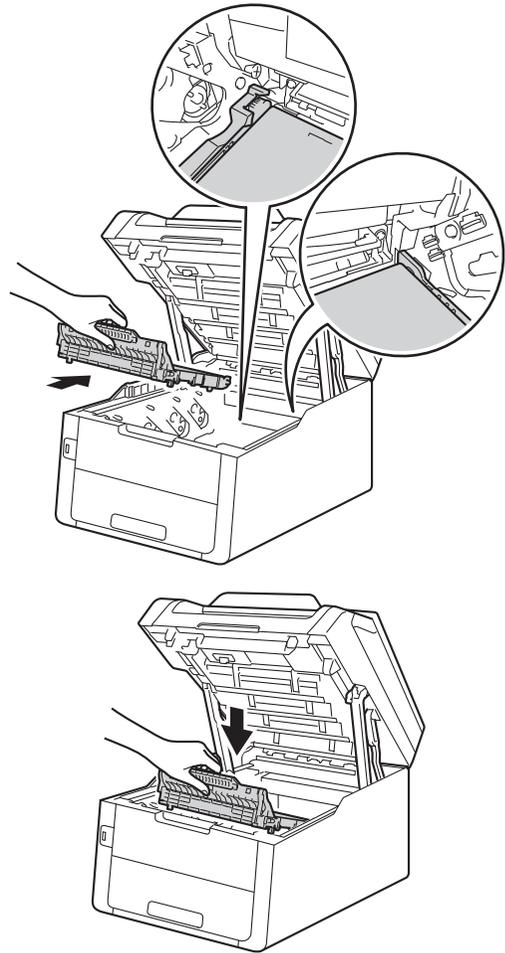
- We recommend that you place the toner cartridge and drum unit assemblies on a clean, flat surface with disposable paper underneath them in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



- 4 Hold the green handle of the belt unit and lift the belt unit up, and then pull it out.

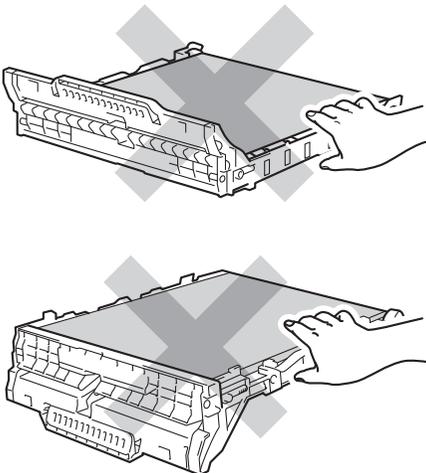


- 5 Unpack the new belt unit and put the new belt unit in the machine.

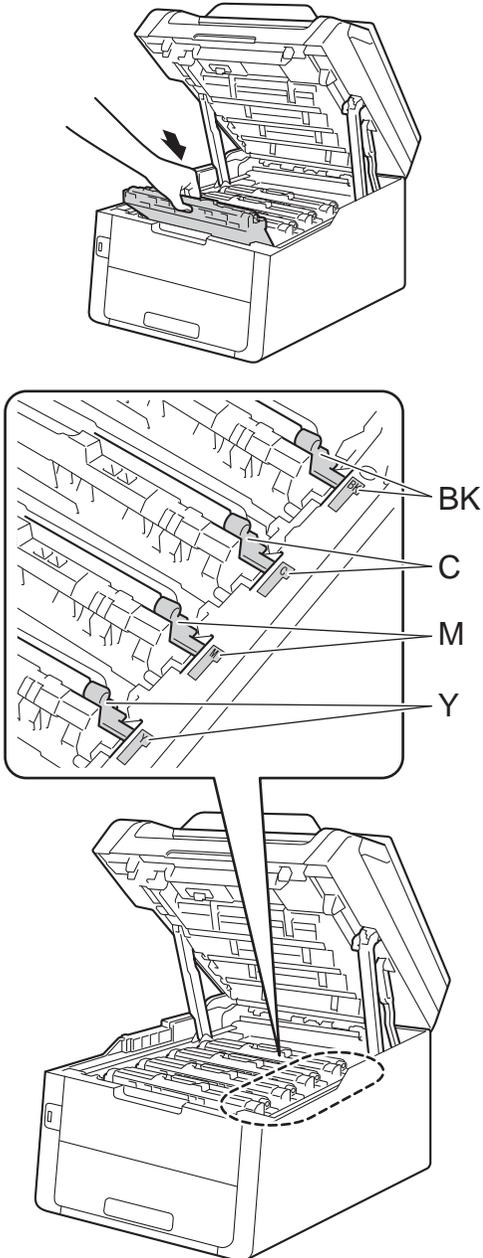


IMPORTANT

To avoid print quality problems, **DO NOT** touch the shaded parts shown in the illustrations.



- 6 Slide each toner cartridge and drum unit assembly into the machine, making sure you match the toner cartridge colors to the same color labels on the machine.



BK = Black, C = Cyan,
M = Magenta, Y= Yellow

- 7 Close the top cover of the machine.

Resetting the belt unit counter

When you replace a belt unit with a new one, you will must reset the belt unit counter by completing the following steps:

- 1 Press to interrupt the error.
- 2 Press .
- 3 Press All Settings.
- 4 Swipe up or down, or press ▲ or ▼ to display Machine Info..
- 5 Press Machine Info..
- 6 Press Parts Life.
- 7 Touch the dial pad area to light up the LEDs.
- 8 Press # until the Touchscreen message changes.
- 9 Press Belt Unit.
- 10 Press Yes.
- 11 Press .

Replacing the waste toner box

Order No. WT-220CL

The life of a waste toner box is approximately 50,000 Letter or A4 size single-sided pages.

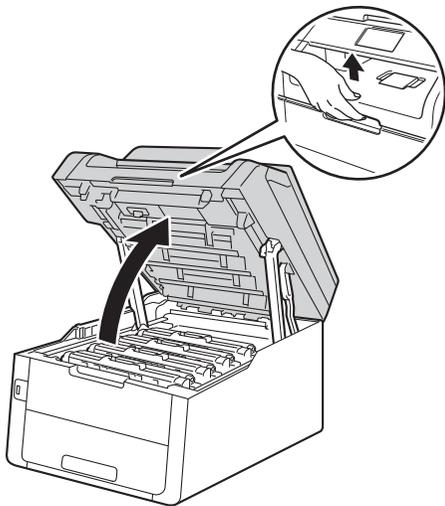
WT Box End Soon

If the Touchscreen shows **WT Box End Soon**, it means the waste toner box is near the end of its life. Buy a new waste toner box and have it ready before you get a **Replace WT Box** message.

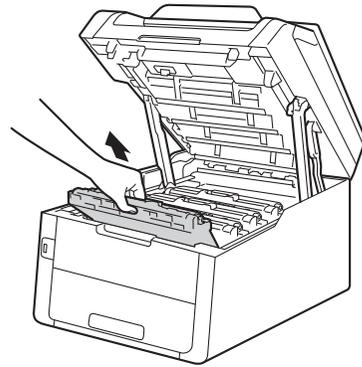
Replace WT Box

When the **Replace WT Box** message appears on the Touchscreen, you must replace the waste toner box.

- 1 Make sure the machine is turned on.
- 2 Open the top cover until it locks in the open position.



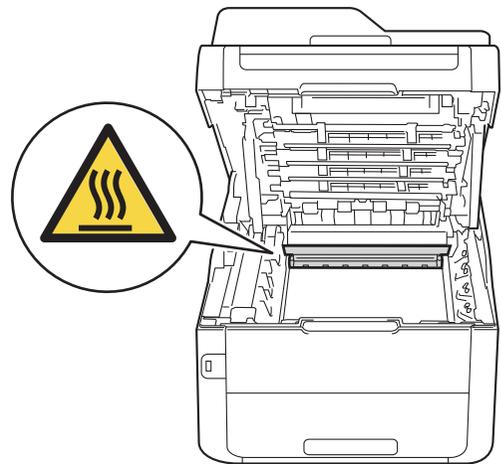
- 3 Remove all of the toner cartridge and drum unit assemblies.



! WARNING

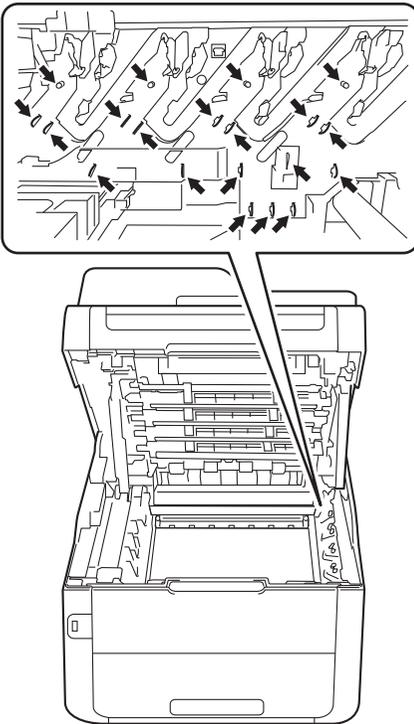
! HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

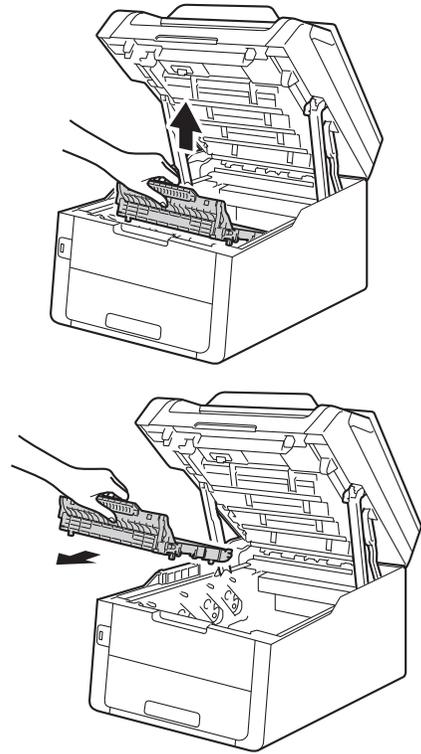


IMPORTANT

- We recommend that you place the toner cartridge and drum unit assemblies on a clean, flat surface with disposable paper underneath them in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, **DO NOT** touch the electrodes shown in the illustration.

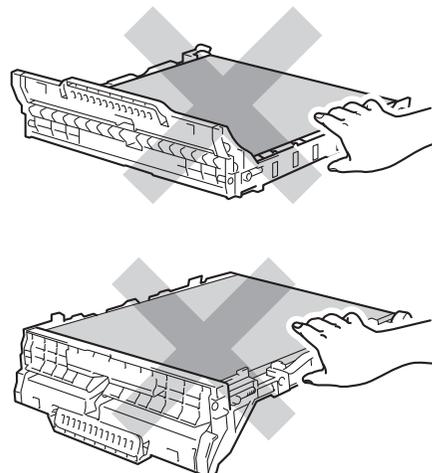


- 4 Hold the green handle of the belt unit and lift the belt unit up, and then pull it out.

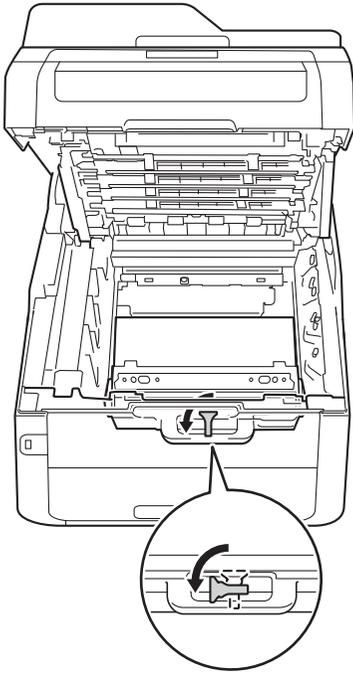


IMPORTANT

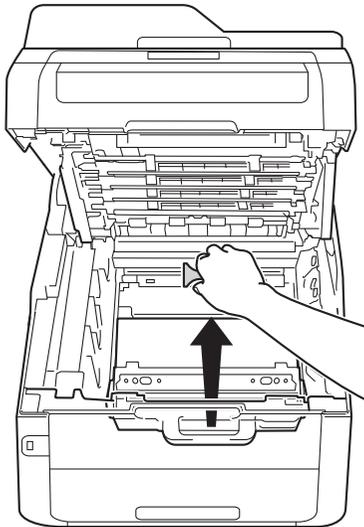
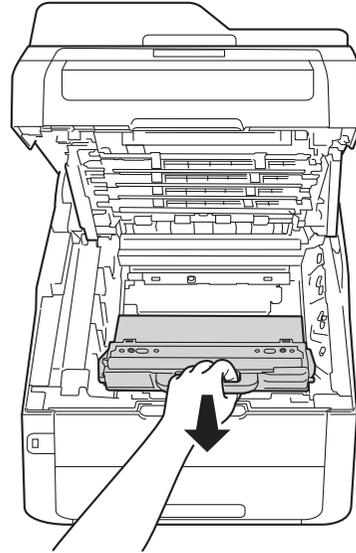
To avoid print quality problems, **DO NOT** touch the shaded parts shown in the illustrations.



- 5 Remove the orange packing material and discard it.



- 6 Hold the green handle of the waste toner box and remove the waste toner box from the machine.



NOTE

This step is only necessary when you are replacing the waste toner box for the first time, and is not required for the replacement waste toner box. The orange packing piece is installed at the factory to protect your machine during shipment.

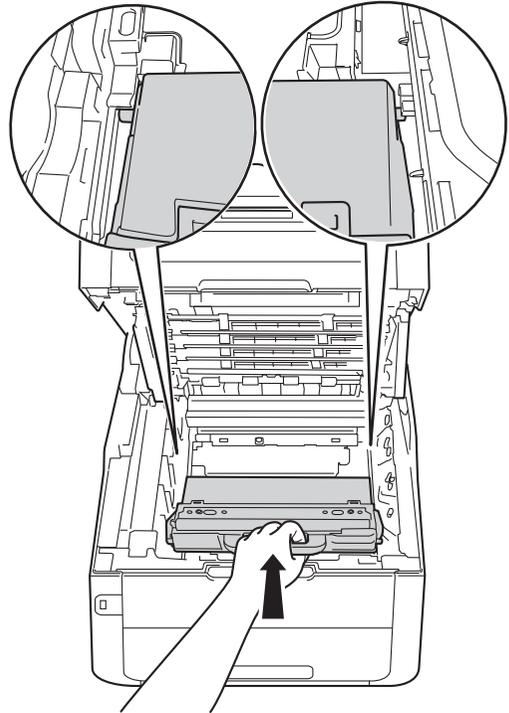
⚠ WARNING

- DO NOT put the waste toner box into a fire. It could explode, resulting in injuries.
- DO NOT use flammable substances, any type of spray, or an organic solvent/liquid containing alcohol or ammonia to clean the inside or outside of the product. Doing so could cause a fire or electrical shock. Instead, use only a dry, lint-free cloth.

(See Product Safety Guide: *To use the product safely.*)



- 7** Unpack the new waste toner box and place it in the machine.

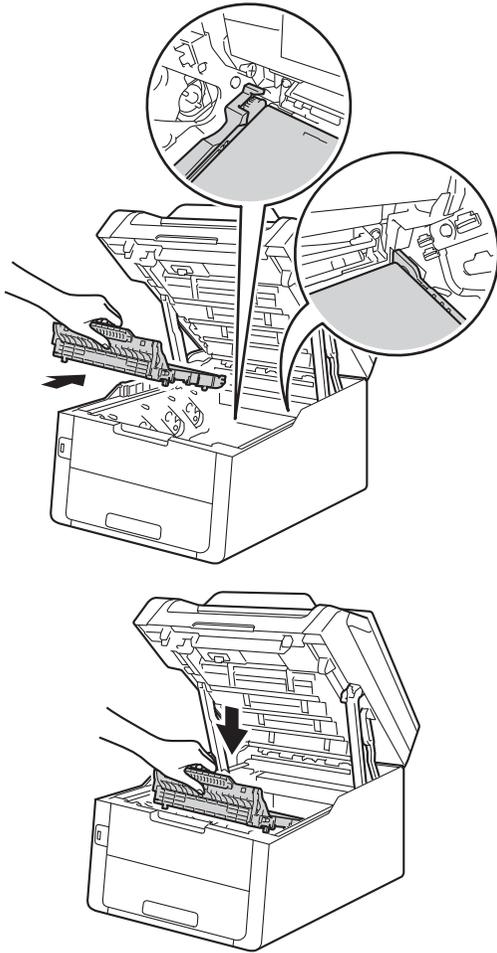
**IMPORTANT**

DO NOT reuse the waste toner box.

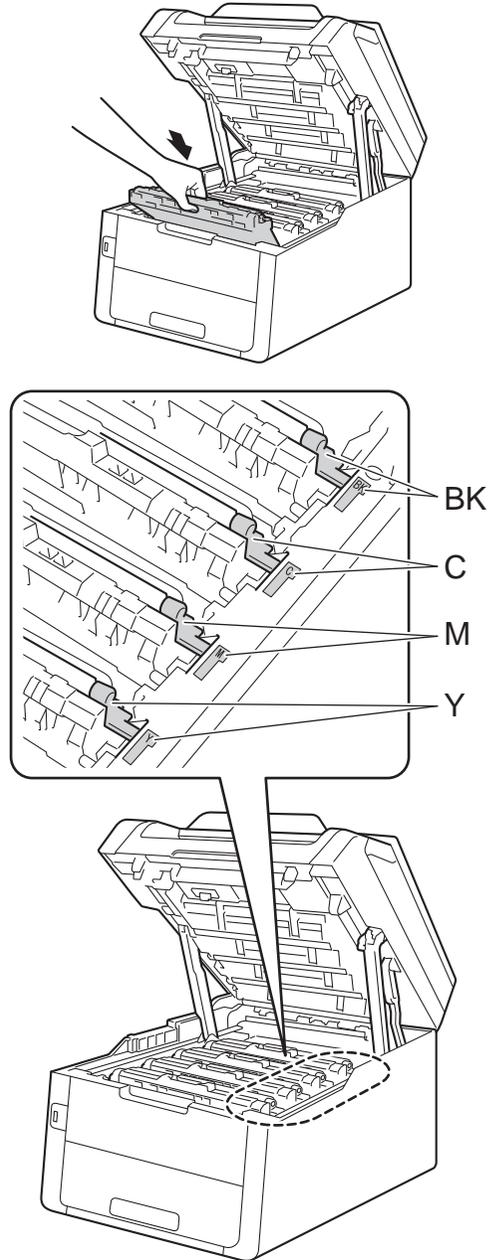
NOTE

- Be sure to seal up the waste toner box tightly in a bag so that toner powder does not spill out of the waste toner box.
- Discard the used waste toner box according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.

- 8 Put the belt unit back in the machine.



- 9 Slide each toner cartridge and drum unit assembly into the machine, making sure you match the toner cartridge colors to the same color labels on the machine.



BK = Black, C = Cyan,
M = Magenta, Y = Yellow

- 10 Close the top cover of the machine.

If you think there is a problem with your machine, check each of the items below first and follow the troubleshooting tips.

You can correct most problems by yourself. If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips.

Visit us at <http://solutions.brother.com/>.

Identifying your problem

First, check the following:

- The machine's power cord is connected correctly and the machine's power is on. If the machine does not turn on after connecting the power cord, see *Other difficulties* on page 128.
- All of the protective parts have been removed.
- Paper is inserted correctly in the paper tray.
- The interface cables are securely connected to the machine and the computer, or the wireless connection is set up on both the machine and your computer.
- Touchscreen Messages

(See *Error and maintenance messages* on page 99.)

If you did not solve your problem with the above checks, identify your problem and then go to the page suggested below.

Paper handling and Printing problems:

- *Printing difficulties* on page 120
- *Paper handling difficulties* on page 121
- *Printing received faxes* on page 122

Telephone and Fax problems:

- *Telephone line or connections* on page 122
- *Handling incoming calls* on page 125
- *Receiving Faxes* on page 123
- *Sending faxes* on page 124

Copying problems:

- *Copying difficulties* on page 125

Scanning problems:

- *Scanning difficulties* on page 126

Software and Network problems:

- *Software difficulties* on page 126
- *Network difficulties* on page 127

Error and maintenance messages

As with any sophisticated office product, errors may occur and consumable items may have to be replaced. If this happens, your machine identifies the error or required routine maintenance and shows the appropriate message. The most common error and maintenance messages are shown in the table.

You can correct most errors and perform routine maintenance by yourself. If you need more help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips:

Visit us at <http://solutions.brother.com/>.

Using non-Brother supplies may affect the print quality, hardware performance, and machine reliability.

Error Message	Cause	Action
2-sided Disabled	The back cover of the machine is not closed completely.	Close the back cover of the machine until it locks into the closed position.
Access Denied	The function you want to use is restricted by Secure Function Lock 2.0.	Call your administrator to check your Secure Function Lock Settings.
Access Error	The device was removed from the USB direct interface while the data was processing.	Press  . Reinsert the device and try to print with Direct Print.
Calibration failed.	Calibration failed.	<p>Press OK and try it again.</p> <ul style="list-style-type: none"> ■ Press and hold down  to turn off the machine. <p>Wait a few seconds, and then turn on the machine again.</p> <p>Perform the color calibration again using the Touchscreen or the printer driver (see <i>Advanced User's Guide: Calibration</i>).</p> <ul style="list-style-type: none"> ■ Put in a new belt unit (see <i>Replacing the belt unit</i> on page 88). ■ If the problem continues, call Brother Customer Service or your local Brother dealer.
<p>Cartridge Error</p> <p>Put the Toner Cartridge back inX¹</p> <p>¹ (x) shows the toner cartridge color with the problem. (BK)=Black, (Y)=Yellow, (M)=Magenta, (C)=Cyan.</p>	The toner cartridge is not installed correctly.	<p>Pull out the toner cartridge and drum unit assembly for the color that is indicated on the Touchscreen. Remove the toner cartridge, and put it back into the drum unit again. Put the toner cartridge and drum unit assembly back in the machine.</p> <p>If the problem continues, call Brother Customer Service or your local Brother dealer.</p>

Error Message	Cause	Action
Comm. Error	Poor telephone line quality caused a communication error.	Send the fax again or connect the machine to another telephone line. If the problem continues, call the telephone company and ask them to check your telephone line.
Connection Failed	You tried to poll a fax machine that is not in Polled Waiting mode.	Check the other fax machine's polling setup.
Cooling Down Wait for a while	The temperature of the drum unit or toner cartridge is too hot. The machine will pause its current print job and go into cooling down mode. During the cooling down mode, you will hear the cooling fan running while the Touchscreen shows Cooling Down, and Wait for a while.	<p>Make sure you can hear the fan in the machine spinning and that the exhaust outlet is not blocked by something.</p> <p>If the fan is spinning, remove any obstacles that surround the exhaust outlet, and then leave the machine turned on but do not use it for several minutes.</p> <p>If the fan is not spinning, disconnect the machine from the power for several minutes, then reconnect it.</p>
Cover is Open.	The top cover is not completely closed.	Close the top cover of the machine.
	The fuser cover is not completely closed or paper was jammed in the back of the machine when you turned on the power.	<ul style="list-style-type: none"> ■ Close the fuser cover located inside the back cover of the machine. ■ Make sure paper is not jammed inside the back of the machine, and then close the fuser cover and press <i>Start</i> (see <i>Paper is jammed at the back of the machine</i> on page 113).
	The ADF cover is not completely closed.	Close the ADF cover of the machine.
	The ADF cover is open while loading a document.	Close the ADF cover of the machine, then press  .
Disconnected	The other person or other person's fax machine stopped the call.	Try to send or receive again.
Document Jam	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	See <i>Document is jammed in the top of the ADF unit</i> on page 109 or <i>Using the automatic document feeder (ADF)</i> on page 34.
Drum End Soon ¹	The drum unit for the color indicated on the Touchscreen is near the end of its life.	Order a new drum unit for the color indicated on the Touchscreen before you get a Replace DrumX message.

¹ (x) shows the drum unit color that is near the end of its life.
(BK)=Black,
(Y)=Yellow,
(M)=Magenta,
(C)=Cyan.

Error Message	Cause	Action
Drum !	The corona wires on the drum units must be cleaned.	Clean the corona wires on the drum units (see <i>Cleaning the corona wires</i> on page 79).
	The drum unit or the toner cartridge and drum unit assembly is not installed correctly.	Put the toner cartridge into the drum unit that is indicated on the Touchscreen. Then reinstall the toner cartridge and drum unit assembly into the machine.
Drum Stop	It is time to replace the drum unit.	Replace the drum unit for the color indicated on the Touchscreen. (see <i>Replacing the drum units</i> on page 83).
Fuser Error	The temperature of the fuser unit does not rise to a specified temperature within the specified time.	Press and hold down  to turn the machine off, wait a few seconds, and then turn it on again. Leave the machine idle for 15 minutes with the power on.
	The fuser unit is too hot.	
Jam 2-sided	The paper is jammed underneath the paper tray or the fuser unit.	See <i>Paper is jammed underneath the paper tray</i> on page 118.
Jam Inside	The paper is jammed inside the machine.	See <i>Paper is jammed inside the machine</i> on page 115.
Jam Manual Feed	The paper is jammed in the manual feed slot of the machine.	See <i>Paper is jammed in the manual feed slot</i> on page 111.
Jam Rear	The paper is jammed in the back of the machine.	See <i>Paper is jammed at the back of the machine</i> on page 113.
Jam Tray	The paper is jammed in the paper tray of the machine.	See <i>Paper is jammed in the paper tray</i> on page 111.
Limit Exceeded	The print limit set in Secure Function Lock 2.0 was reached.	Call your administrator to check your Secure Function Lock Settings.
Log Access Error	The machine could not access the print log file in the server.	Call your administrator to check the Store Print Log to Network settings. For more information, see <i>Network User's Guide: Store Print Log to Network</i>
Low Temperature	The room temperature is too low for the machine to operate.	Increase the room temperature to allow the machine to operate.
Manual Feed	Manual was selected as the paper source when there was no paper in the manual feed slot.	Place paper in the manual feed slot (see <i>Loading paper in the manual feed slot</i> on page 22).
No Belt Unit	The belt unit is not installed correctly.	Reinstall the belt unit (see <i>Replacing the belt unit</i> on page 88).
No HUB Support	A USB hub device is connected to the USB direct interface.	Disconnect the USB hub device from the USB direct interface.



Error Message	Cause	Action
No Permission	Printing color documents is restricted by Secure Function Lock 2.0. The print job will be canceled.	Call your administrator to check your Secure Function Lock Settings.
No Paper	The machine is out of paper in the paper tray, or paper is not correctly loaded in the paper tray.	Do one of the following: <ul style="list-style-type: none"> ■ Refill paper in the paper tray. Make sure the paper guides are set to the correct size. ■ Remove the paper and load it again. Make sure the paper guides are set to the correct size.
No Response/Busy	The number you dialed does not answer or is busy.	Verify the number and try again.
No Toner	The toner cartridge or the toner cartridge and drum unit assembly is not installed correctly.	Remove the toner cartridge and drum unit assembly for the color indicated on the Touchscreen. Remove the toner cartridge from the drum unit, and reinstall the toner cartridge back into the drum unit. Reinstall the toner cartridge and drum unit assembly back in the machine. If the problem continues, replace the toner cartridge (see <i>Replacing the toner cartridges</i> on page 72).
No Tray	The paper tray is not installed or not installed correctly.	Reinstall the paper tray.
No Waste Toner	The waste toner box is not installed correctly.	Reinstall the Waste Toner Box (see <i>Replacing the waste toner box</i> on page 92).

Error Message	Cause	Action
<p>Out of Memory</p>	<p>The machine's memory is full.</p>	<p>Fax sending or copy operation in progress</p> <p>Do one of the following:</p> <ul style="list-style-type: none"> ■ Press Send Now, Partial Print or Quit to send or copy the scanned pages. ■ Press  and wait until the other operations in progress finish, and then try again. ■ Clear the faxes from the memory. <p>Print the faxes that are stored in the memory to restore the memory to 100%. Then turn off Fax Storage to avoid storing more faxes in the memory (see <i>Advanced User's Guide: Printing a fax from the memory and Fax Storage</i>).</p> <p>Print operation in process</p> <p>Do one of the following:</p> <ul style="list-style-type: none"> ■ Reduce the print resolution. (See <i>Software User's Guide</i>.) ■ Clear the faxes from the memory (see the above explanation).
<p>Out of Memory Secure Print Data is full. Press Stop Key and delete the previously stored data.</p>	<p>The machine's memory is full.</p>	<p>Press  and delete the previously stored secure print data.</p>
<p>Print Unable XX</p>	<p>The machine has a mechanical problem.</p>	<p>Do one of the following:</p> <ul style="list-style-type: none"> ■ Press and hold down  to turn the machine off, wait a few minutes, and then turn it on again (see <i>Transferring your faxes or Fax Journal report</i> on page 107). ■ If the problem continues, call Brother Customer Service.

Error Message	Cause	Action
Registration failed.	Registration failed.	<p>Press OK and try again.</p> <ul style="list-style-type: none"> ■ Press and hold down  to turn off the machine. <p>Wait a few seconds, then turn it on again.</p> <p>Perform the auto color registration using the Touchscreen (see <i>Advanced User's Guide: Auto Registration</i>).</p> <ul style="list-style-type: none"> ■ Put in a new belt unit (see <i>Replacing the belt unit</i> on page 88). ■ If the problem continues, call Brother Customer Service.
Rename the File	There is already a file on the USB Flash memory drive with the same name as the file you are trying to save.	Change the file name of the file on the USB Flash memory drive or the file you are trying to save.
Replace Belt	It is time to replace the belt unit.	Replace the belt unit (see <i>Replacing the belt unit</i> on page 88).
Replace DrumX ¹	It is time to replace the drum unit.	Replace the drum unit for the color indicated on the Touchscreen (see <i>Replacing the drum units</i> on page 83).
¹ (x) shows drum unit color that must be replaced. BK=Black, C=Cyan, M=Magenta, Y=Yellow.	The drum unit counter was not reset when a new drum was installed.	Reset the drum unit counter. (see <i>Replacing the drum units</i> on page 83).
Replace Fuser	It is time to replace the fuser unit.	Call Brother Customer Service or a Brother Authorized Service Center to replace the fuser unit.
Replace PF kit	It is time to replace the paper feeding kit.	Call Brother Customer Service or a Brother Authorized Service Center to replace the PF Kit.
Replace Toner ¹	The toner cartridge is at the end of its life. The machine will stop all print operations.	Replace the toner cartridge for the color indicated on the Touchscreen (see <i>Replacing the toner cartridges</i> on page 72).
¹ The Touchscreen shows the toner cartridge color that you must replace. BK=Black, C=Cyan, M=Magenta, Y=Yellow	While memory is available, faxes will be stored in the memory.	
Replace WT Box	It is time to replace the waste toner box.	Replace the waste toner box (see <i>Replacing the waste toner box</i> on page 92).

Error Message	Cause	Action
Scan Unable XX	The machine has a mechanical problem.	<ul style="list-style-type: none"> ■ Press and hold down  to turn the machine off, and then turn it on again (see <i>Transferring your faxes or Fax Journal report</i> on page 107). ■ If the problem continues, call Brother Customer Service.
Short paper	The length of the paper in the tray is too short for the machine to deliver it to the Face down output tray.	Open the back cover (face-up output tray) to let the printed page exit onto the face up output tray. Remove the printed pages and then press Start .
Size Error 2-sided	The paper size defined in the printer driver and the Touchscreen menu is not available for automatic 2-sided printing.	Press  . Choose a paper size that is supported by 2-sided printing. The paper size you can use for automatic 2-sided printing is A4.
	The paper in the tray is not the correct size and is not available for automatic 2-sided printing.	Load the correct size of paper in the tray and set the size of paper for the tray (see <i>Paper Size</i> on page 28). The paper size you can use for automatic 2-sided printing is A4.
Size mismatch	The paper in the tray is not the correct size.	Load the correct size of paper in the tray and set the size of paper to the tray (see <i>Paper Size</i> on page 28).
Small paper	The paper size specified in the printer driver is too small for the machine to deliver it to the Face-down output tray.	Open the back cover (back output tray) to let the printed paper out on the back output tray and then press Start .
Toner Error	One or more toner cartridges are not installed correctly.	Pull out the drum units. Remove all of the toner cartridges, and then put them back into the drum units.
Toner Low	If the Touchscreen shows Toner Low you can still print; however, the machine is telling you that the toner cartridge is near the end of its life.	Order a new toner cartridge for the color that is indicated on the Touchscreen now so a replacement toner cartridge will be available when the Touchscreen shows Replace Toner .
Too Many Files	There are too many files stored on the USB Flash memory drive.	Reduce the number of files stored on the USB Flash memory drive.
Touchscreen Initialization Failed	The Touchscreen was pressed before the power on initialization was completed.	Make sure nothing is touching or resting on the Touchscreen.
	Debris may be stuck between the lower part of the Touchscreen and its frame.	Insert a piece of stiff paper between the lower part of the Touchscreen and its frame and slide it back and forth to push out the debris.



Error Message	Cause	Action
Unusable Device Remove the Device. Turn the power off and back on again.	A defective USB device or a high power consumption USB device has been connected to the USB direct interface.	Unplug the device from the USB direct interface. Press and hold down  to turn the machine off, and then turn it on again.
Unusable Device	A USB device or USB Flash memory drive that is encrypted or not supported has been connected to the USB direct interface.	Unplug the device from the USB direct interface (see the specifications for supported USB Flash memory drives in <i>Printing data from a USB Flash memory drive or digital camera supporting mass storage</i> on page 58).
USB Access Error	The device was removed from USB direct interface while accessing the USB device.	Press Close . Reinsert the device and try to store the scanned data to the device.
USB Write-protected	The protect switch of the USB Flash memory drive is on.	Turn off the protect switch of the USB Flash memory drive.
WT Box End Soon	The waste toner box is near the end of its life.	Buy a new waste toner box before you get a Replace WT Box message.

Transferring your faxes or Fax Journal report

If the Touchscreen shows:

- Print Unable XX
- Scan Unable XX

We recommend transferring your faxes to another fax machine or to your computer (see *Transferring faxes to another fax machine* on page 107 or *Transferring faxes to your computer* on page 108).

You can also transfer the Fax Journal report to see if there are any faxes you must transfer (see *Transferring the Fax Journal report to another fax machine* on page 108).

NOTE

If there is an error message on the Touchscreen after the faxes have been transferred, disconnect the machine from the power source for several minutes, and then reconnect it.

Transferring faxes to another fax machine

If you have not set up your Station ID, you cannot enter fax transfer mode (see Quick Setup Guide: *Set your Station ID*).

- 1 Press  to interrupt the error temporarily.
- 2 Press .
- 3 Press All Settings.
- 4 Swipe up or down, or press ▲ or ▼ to display Service.
- 5 Press Service.
- 6 Press Data Transfer.
- 7 Press Fax Transfer.
- 8 Do one of the following:
 - If the Touchscreen shows No Data, there are no faxes left in the machine's memory. Press Close.
 - Enter the fax number to which faxes will be forwarded.
- 9 Press Fax Start.

Transferring faxes to your computer

You can transfer the faxes from your machine's memory to your computer.

- 1 Press  to interrupt the error temporarily.
- 2 Make sure you have installed **MFL-Pro Suite** on your computer, and then turn on **PC-Fax Receiving** on the computer.
Do one of the following:
 - (Windows® XP, Windows Vista® and Windows® 7)
From the  (**Start**) menu, select **All Programs > Brother > MFC-XXXX > PC-FAX Receiving > Receive**. (XXXX is your model name.)
 - (Windows® 8)
Click  (**Brother Utilities**), and then click the drop-down list and select your model name (if not already selected). Click **PC-FAX Receive** in the left navigation bar, and then click **Receive**.
- 3 Make sure you have set **PC Fax Receive** on the machine (see *PC-Fax Receive (For Windows® only)* on page 47).
If faxes are in the machine's memory when you set up PC-Fax Receive, the Touchscreen will ask if you want to transfer the faxes to your computer.
- 4 Do one of the following:
 - To transfer all faxes to your computer, press **Yes**. If Fax Preview is set to Off, you will be asked if you want to print backup copies.
 - To exit and leave the faxes in the memory, press **No**.
- 5 Press .

Transferring the Fax Journal report to another fax machine

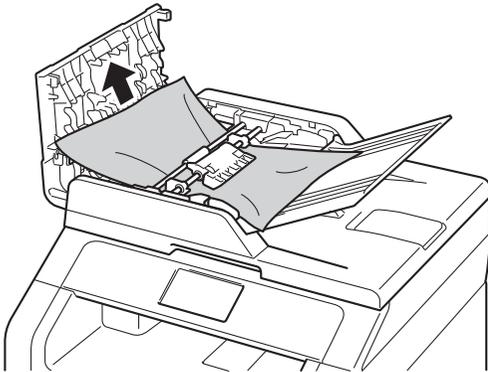
If you have not set up your Station ID, you cannot enter fax transfer mode (see Quick Setup Guide: *Set your Station ID*).

- 1 Press  to interrupt the error temporarily.
- 2 Press .
- 3 Press **All Settings**.
- 4 Swipe up or down, or press **▲** or **▼** to display **Service**.
- 5 Press **Service**.
- 6 Press **Data Transfer**.
- 7 Press **Report Transfer**.
- 8 Enter the fax number to which the Fax Journal report will be forwarded.
- 9 Press **Fax Start**.

Document Jams

Document is jammed in the top of the ADF unit

- 1 Remove any paper from the ADF that is not jammed.
- 2 Open the ADF cover.
- 3 Pull the jammed document out to the left.

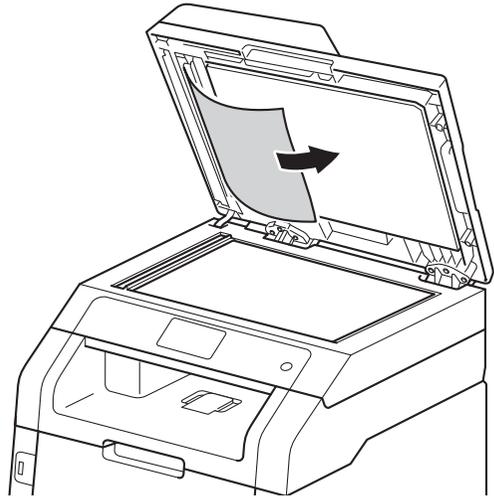


If the document rips or tears, be sure you remove all small paper scraps to prevent future jams.

- 4 Close the ADF cover.
- 5 Press .

Document is jammed under the document cover

- 1 Remove any paper from the ADF that is not jammed.
- 2 Lift the document cover.
- 3 Pull the jammed document out to the right.

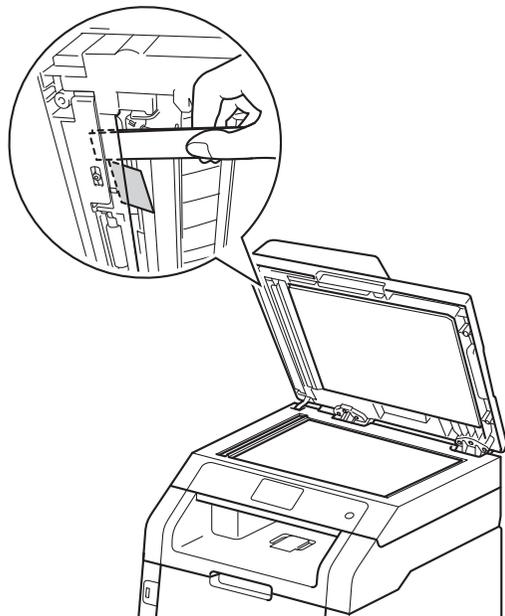


If the document rips or tears, be sure you remove all small paper scraps to prevent future jams.

- 4 Close the document cover.
- 5 Press .

Removing small documents jammed in the ADF

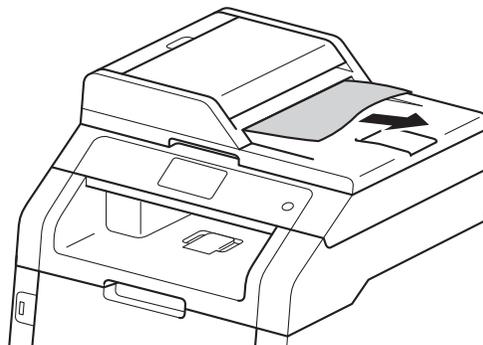
- 1 Lift the document cover.
- 2 Insert a piece of stiff paper, such as cardstock, into the ADF to push any small paper scraps through.



- 3 Close the document cover.
- 4 Press .

Document is jammed at the output tray

- 1 Remove any paper from the ADF that is not jammed.
- 2 Pull the jammed document out to the right.



- 3 Press .

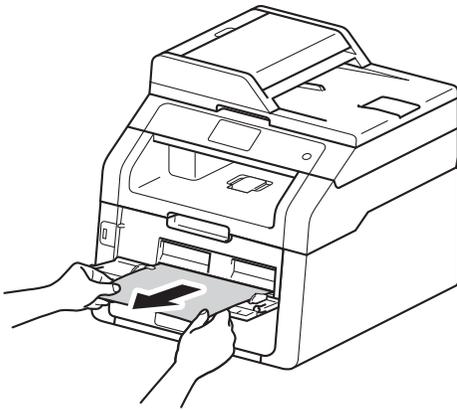
Paper Jams

Always remove the remaining paper from the paper tray and straighten the stack when you are adding new paper. This helps prevent multiple sheets of paper from feeding through the machine at one time and prevents paper jams.

Paper is jammed in the manual feed slot

If the Touchscreen shows **Jam Manual Feed**, follow these steps:

- 1 Remove any paper that is jammed in and around the manual feed slot.

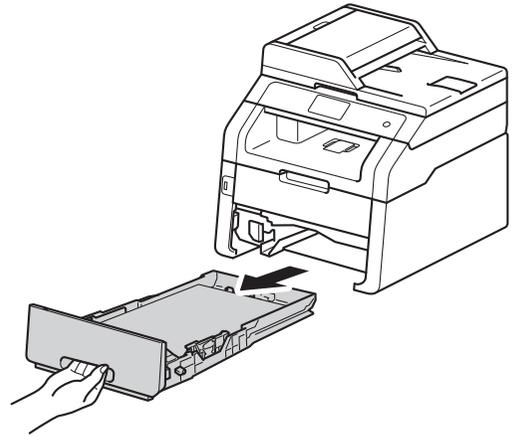


- 2 Press **Start** to resume printing.

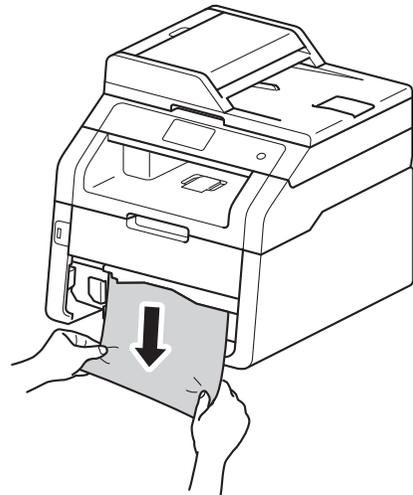
Paper is jammed in the paper tray

If the Touchscreen shows **Jam Tray**, follow these steps:

- 1 Pull the paper tray completely out of the machine.



- 2 Use both hands to slowly pull out the jammed paper.



NOTE

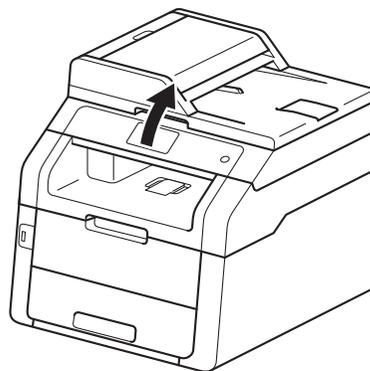
Pulling the jammed paper downward allows you to remove the paper more easily.

- 3 Make sure the paper is below the maximum paper mark (▼▼▼) in the paper tray. While pressing the green paper-guide release lever, slide the paper guides to fit the paper size. Make sure the guides are firmly in the slots.
- 4 Put the paper tray firmly back in the machine.

Paper is jammed at the output paper tray

When the paper is jammed at the output paper tray, follow the these steps:

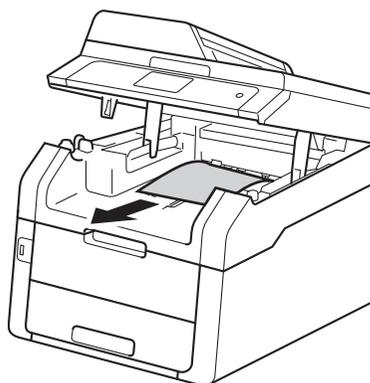
- 1 Use both hands to open the scanner.



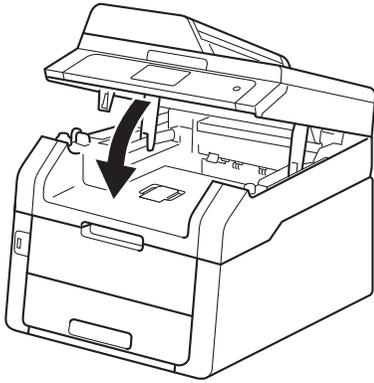
NOTE

When the top cover is open, you cannot open the scanner.

- 2 Remove the paper.



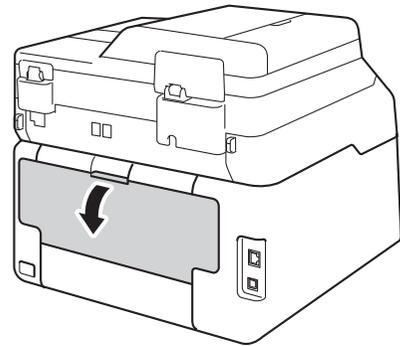
- 3 Push the scanner down with both hands to close it.



Paper is jammed at the back of the machine

If the Touchscreen shows **Jam Rear**, a paper jam occurred behind the back cover. Follow these steps:

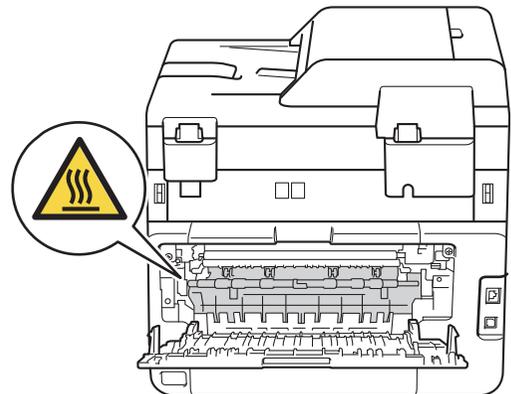
- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Open the back cover.



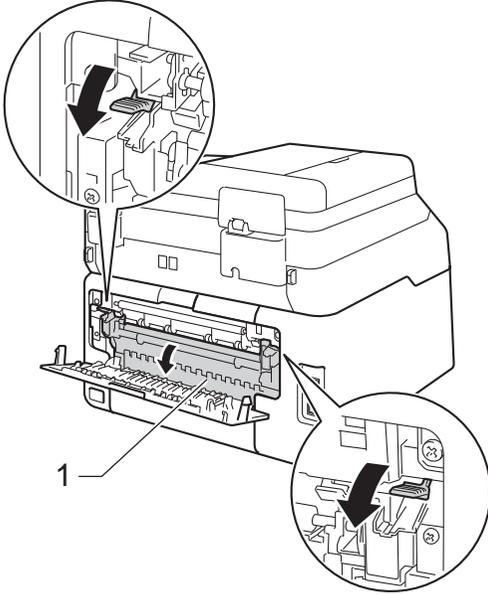
WARNING

HOT SURFACE

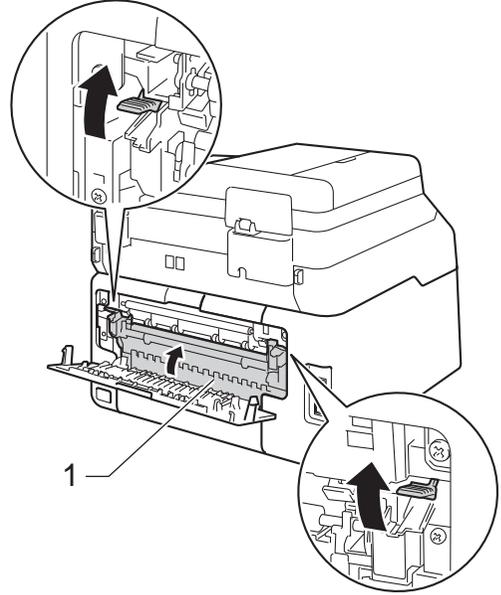
After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.



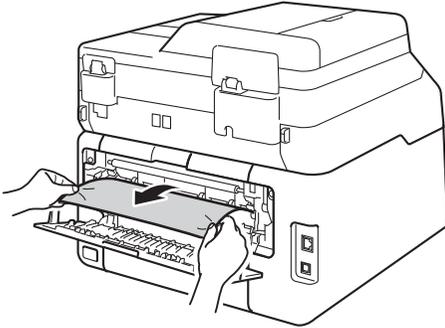
- 3 Pull the green tabs at the left and right sides toward you to release the fuser cover (1).



- 5 Close the fuser cover (1). Make sure the green tabs at the left and right sides lock into place.



- 4 Use both hands to gently pull the jammed paper out of the fuser unit.

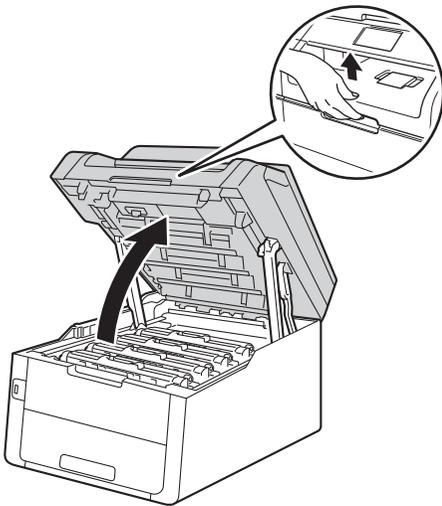


- 6 Close the back cover until it locks in the closed position.

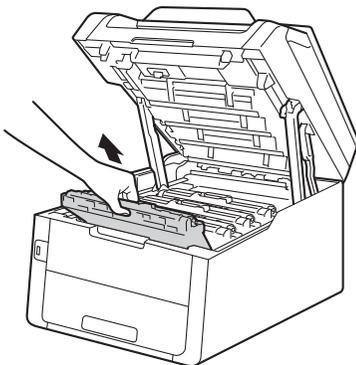
Paper is jammed inside the machine

If the Touchscreen shows **Jam Inside**, follow these steps:

- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Open the top cover until it locks in the open position.



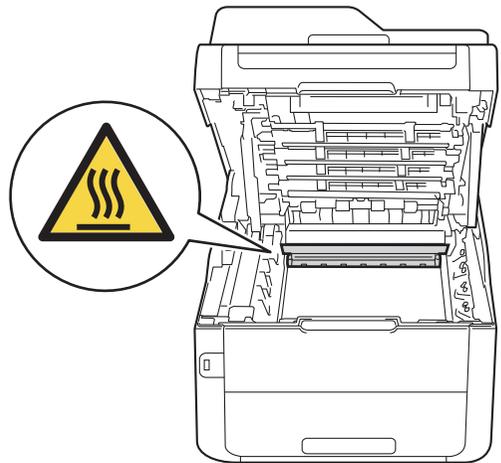
- 3 Remove all of the toner cartridge and drum unit assemblies.



WARNING

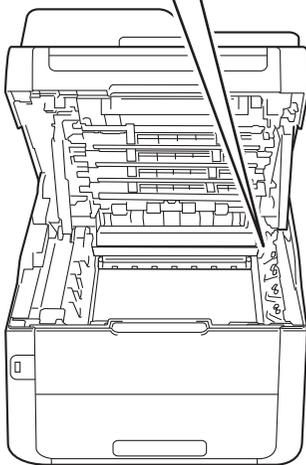
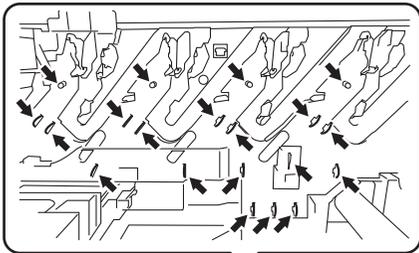
HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.

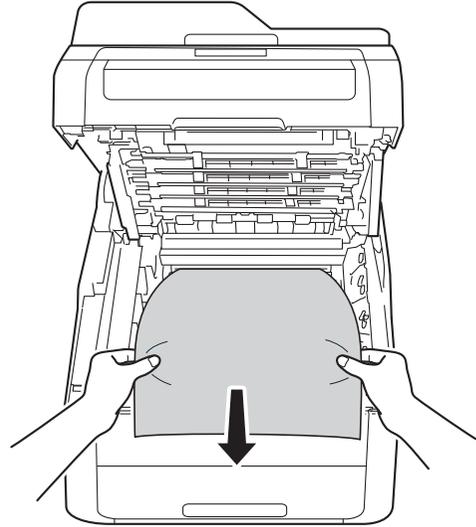


IMPORTANT

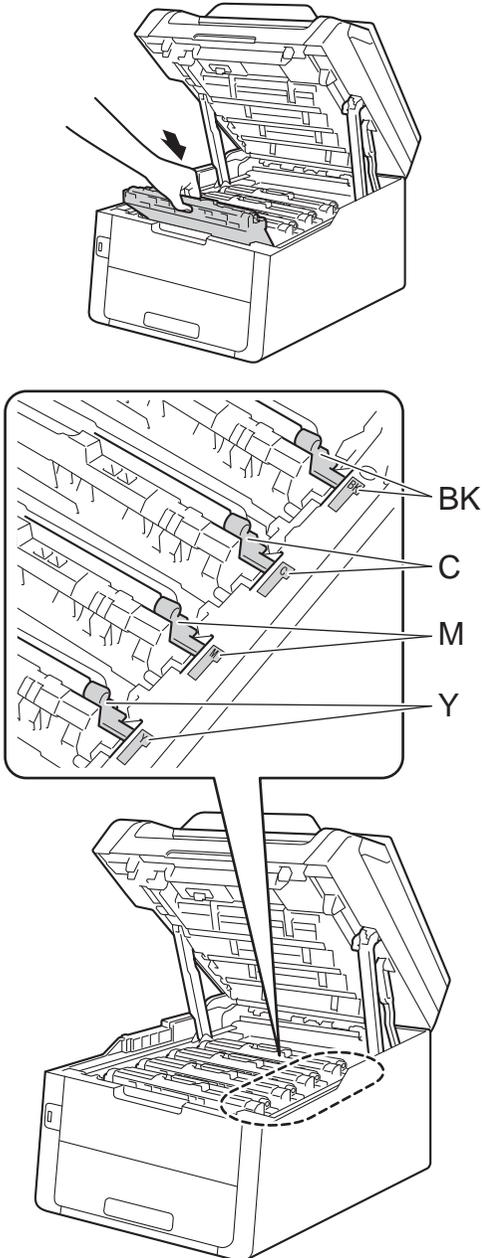
- We recommend that you place the toner cartridge and drum unit assemblies on a clean, flat surface with disposable paper underneath them in case you accidentally spill or scatter toner.
- To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



- 4 Pull out the jammed paper slowly.



- 5 Slide each toner cartridge and drum unit assembly into the machine, making sure you match the toner cartridge colors to the same color labels on the machine.



BK = Black, C = Cyan,
M = Magenta, Y = Yellow

- 6 Close the top cover of the machine.

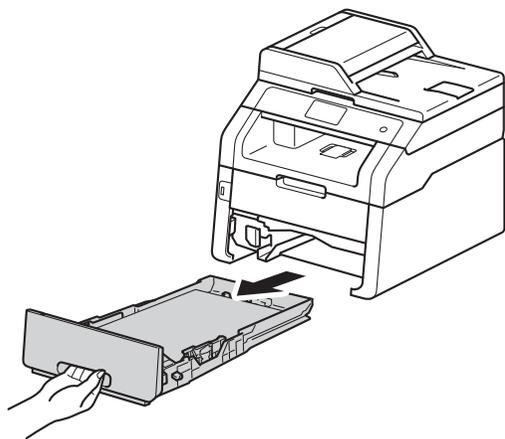
NOTE

If you turn off the machine during *Jam Inside* is on the Touchscreen, the machine will print incomplete data from your computer when it is turned on. Before you turn on the machine, delete the job from your computer's print spooler.

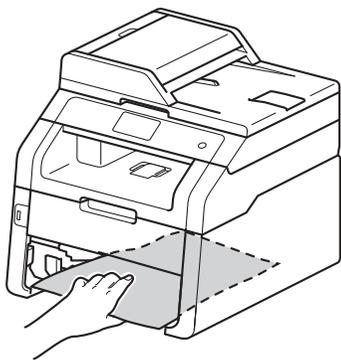
Paper is jammed underneath the paper tray

If the Touchscreen shows Jam 2-sided, follow these steps:

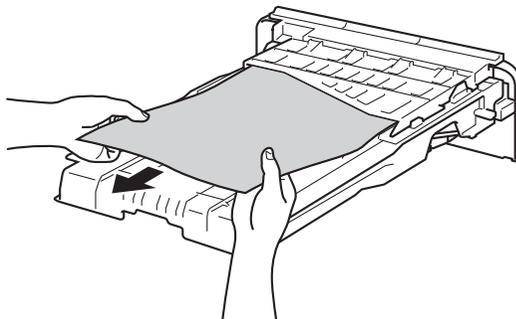
- 1 Leave the machine turned on for 10 minutes for the internal fan to cool the extremely hot parts inside the machine.
- 2 Pull the paper tray completely out of the machine.



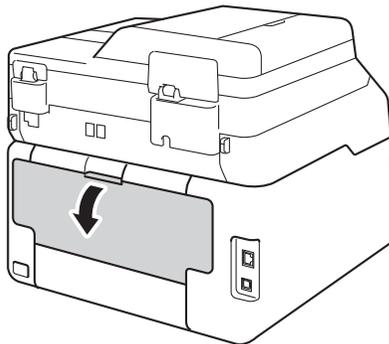
- 3 Make sure the jammed paper does not remain inside the machine.



- 4 If paper is not caught inside the machine, check underneath the paper tray.



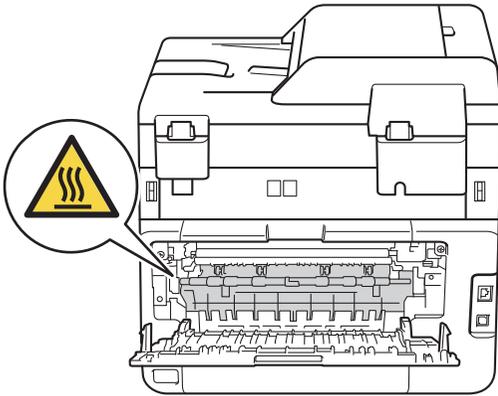
- 5 If the paper is not caught in the paper tray, open the back cover.



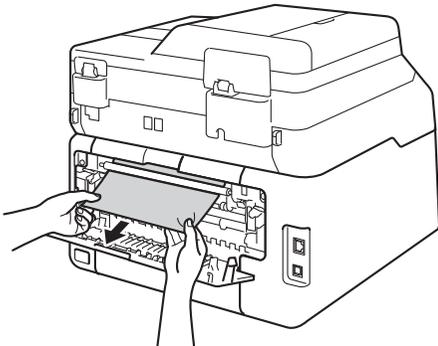
! WARNING

! HOT SURFACE

After you have just used the machine, some internal parts of the machine will be extremely hot. Wait for the machine to cool down before you touch the internal parts of the machine.



- 6 Use both hands to gently pull the jammed paper out of the back of the machine.



- 7 Close the back cover until it locks in the closed position.
- 8 Put the paper tray firmly back in the machine.

If you are having difficulty with your machine

IMPORTANT

- For technical help, you must call the country where you bought the machine. Calls must be made from within that country.
- If you think there is a problem with your machine, check the chart below and follow the troubleshooting tips. You can correct most problems by yourself.
- If you need additional help, the Brother Solutions Center offers the latest FAQs and troubleshooting tips.
Visit us at <http://solutions.brother.com/>.
- Using non-Brother supplies may affect the print quality, hardware performance, and machine reliability.

Printing difficulties

Difficulties	Suggestions
No printout.	Check that the correct printer driver has been installed and selected.
	Check to see if the Touchscreen is showing an error message (see <i>Error and maintenance messages</i> on page 99).
	<p>Check that the machine is online: (Windows® 7 and Windows Server® 2008 R2)</p> <p>Click the  (Start) button > Devices and Printers. Right-click Brother MFC-XXXX Printer and click See what's printing. Click Printer in the menu bar. Make sure Use Printer Offline is cleared.</p> <p>(Windows Vista® and Windows Server® 2008)</p> <p>Click the  (Start) button > Control Panel > Hardware and Sound > Printers. Right-click Brother MFC-XXXX Printer. Make sure Use Printer Online is not listed. If it is listed, click this option to set the driver Online.</p> <p>(Windows® XP and Windows Server® 2003)</p> <p>Click the Start button > Printers and Faxes. Right-click Brother MFC-XXXX Printer. Make sure Use Printer Online is not listed. If it is listed, click this option to set the driver Online.</p> <p>(Windows® 8 and Windows Server® 2012)</p> <p>Move your mouse to the lower right corner of your desktop. When the menu bar appears, click Settings > Control Panel. In the Hardware and Sound (Hardware) group, click View devices and printers. Right-click the Brother MFC-XXXX Printer > See what's printing. If printer driver options appear, select your printer driver. Click Printer in the menu bar and make sure that Use Printer Offline is not selected.</p>
Call your administrator to check your Secure Function Lock settings.	
The machine is not printing or has stopped printing.	<p>Press .</p> <p>The machine will cancel the print job and clear it from the memory. The printout may be incomplete.</p>

Printing difficulties (continued)

Difficulties	Suggestions
The headers or footers appear when the document displays on the screen but they are not on the printed page.	There is an unprintable area on the top and bottom of the page. Adjust the top and bottom margins in your document to allow for this (see <i>Unscannable and unprintable areas</i> on page 27).
The machine prints unexpectedly or it prints garbage.	Press  to cancel print jobs.
	Check the settings in your application to make sure they are set up to work with your machine.
The machine prints the first couple of pages correctly, then some pages have missing text.	Check the settings in your application to make sure they are set up to work with your machine.
	Your computer is not recognizing the full signal of the machine's input buffer. Make sure you connected the interface cable correctly (see Quick Setup Guide).
The machine does not print on both sides of the paper even though the printer driver setting is 2-sided.	Check the paper size setting in the printer driver. You must choose A4 (60 to 105 g/m ²).
The machine does not display the USB menu when a USB flash memory drive is connected to the USB direct interface.	When the machine is in Deep Sleep mode, the machine does not wake up even if you connect a USB flash memory drive to the USB direct interface. Press the Touchscreen to wake up the machine.
Cannot perform 'Page Layout' printing.	Check that the paper size setting in the application and in the printer driver are the same.
Print speed is too slow.	Try changing the printer driver setting. The highest resolution needs longer data processing, sending and printing time.
The machine does not print from Adobe® Illustrator®.	Try to reduce the print resolution (see Software User's Guide).
Poor print quality	See <i>Improving the print quality</i> on page 130.

Paper handling difficulties

Difficulties	Suggestions
The machine does not feed paper.	If the Touchscreen shows a Paper Jam message and you still have a problem, see <i>Error and maintenance messages</i> on page 99.
	If the paper tray is empty, load a new stack of paper into the paper tray.
	If there is paper in the paper tray, make sure it is straight. If the paper is curled, straighten it. Sometimes it is helpful to remove the paper, turn the stack over and put it back in the paper tray.
	Reduce the amount of paper in the paper tray, and then try again.
	Make sure Manual is not selected for Paper Source in the printer driver.
	Clean the paper pick-up rollers (see <i>Advanced User's Guide: Cleaning the paper pick-up rollers</i>).
The machine does not feed paper from the Manual feed slot.	Use both hands to push one sheet of paper firmly into the manual feed slot until the top edge of the paper presses against the paper feed rollers. Continue pressing the paper against the rollers until the machine grabs the paper and pulls it in further.
	Put only one sheet of paper in the manual feed slot.
	Make sure Manual is selected for Paper Source in the printer driver.

Paper handling difficulties (continued)

Difficulties	Suggestions
How do I print on envelopes?	Load one envelope at a time in the manual feed slot. Your application must be set to print the envelope size you are using. This is usually done in the Page Setup or Document Setup menu of your application (see your application's manual for more information).

Printing received faxes

Difficulties	Suggestions
<ul style="list-style-type: none"> ■ Condensed print ■ Horizontal streaks ■ Top and bottom sentences are cut off ■ Missing lines 	Usually this is caused by a poor telephone connection. Make a copy; if your copy looks good, you probably had a bad connection, with static or interference on the telephone line. Ask the other party to send the fax again.
Vertical black lines when receiving	<p>The corona wires for printing may be dirty. Clean the corona wires on the drum units (see <i>Cleaning the corona wires</i> on page 79).</p> <p>The sender's scanner may be dirty. Ask the sender to make a copy to see if the problem is with the sending machine. Try receiving from another fax machine.</p>
Received faxes appear as split or blank pages.	<p>Left and right margins are cut off or a single page is printed on two pages (see <i>Paper Size</i> on page 28).</p> <p>Turn on Auto Reduction (see <i>Advanced User's Guide: Printing a reduced incoming fax</i>).</p>

Telephone line or connections

Difficulties	Suggestions
Dialing does not work. (No dial tone)	Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine.
	Send a manual fax by pressing Hook and dialing the number. Wait to hear fax receiving tones before pressing Fax Start .
	If there is no dial tone, connect a known working telephone and telephone line cord to the jack. Then lift the external telephone's handset and listen for a dial tone. If there is still no dial tone, ask your telephone company to check the line and wall jack.
The machine does not answer when called.	<p>Make sure the machine is in the correct receive mode for your setup (see <i>Receive Mode settings</i> on page 42).</p> <p>Check for a dial tone. If possible, call your machine to hear it answer. If there is still no answer, check the telephone line cord connection. If you do not hear ringing when you call your machine, ask your telephone company to check the line.</p>

Receiving Faxes

Difficulties	Suggestions
<p>Cannot receive a fax.</p>	<p>Make sure your machine has a dial tone by pressing Hook. If you hear static or interference on your fax line, call your local telephone company.</p>
	<p>Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine. If you subscribe to DSL or VoIP services, call your service provider for connection instructions.</p>
	<p>Make sure the machine is in the correct Receive Mode. This is determined by the external devices and telephone subscriber services you have on the same line as the Brother machine (see <i>Receive Mode settings</i> on page 42).</p> <ul style="list-style-type: none"> ■ If you have a dedicated fax line and want your Brother machine to automatically answer all incoming faxes, you should select Fax mode. ■ If your Brother machine shares a line with an external answering machine, you should select the External TAD mode. In External TAD mode, your Brother machine will automatically receive incoming faxes and voice callers will be able to leave a message on your answering machine. ■ If your Brother machine shares a line with other telephones and you want it to automatically answer all incoming faxes, you should select the Fax/Tel mode. In Fax/Tel mode, your Brother machine will automatically receive faxes and produce a pseudo/double-ring to alert you to answer voice calls. ■ If you do not want your Brother machine to automatically answer any incoming faxes, you should select the Manual mode. In Manual mode, you must answer every incoming call and activate the machine to receive faxes.
	<p>Another device or service at your location may be answering the call before your Brother machine answers. To test this, lower the ring delay setting:</p> <ul style="list-style-type: none"> ■ If the answer mode is set to Fax or Fax/Tel, reduce the ring delay to 1 ring (see <i>Ring Delay</i> on page 42). ■ If the answer mode is set to External TAD, reduce the number of rings programmed on your answering machine to 2. ■ If the answer mode is set to Manual, DO NOT adjust the ring delay setting.
	<p>Have someone send you a test fax:</p> <ul style="list-style-type: none"> ■ If you received the test fax successfully, your machine is operating correctly. Remember to reset your ring delay or answering machine setting back to your original setting. If receiving problems recur after resetting the ring delay, then a person, device, or subscriber service is answering the fax call before the machine has a chance to answer. ■ If you were not able to receive the fax, then another device or subscriber service may be interfering with your fax reception or there may be a problem with your fax line.

Receiving Faxes (continued)

Difficulties	Suggestions
Cannot receive a fax. (continued)	<p>If you are using a telephone answering machine (External TAD mode) on the same line as the Brother machine, make sure your answering machine is set up correctly (see <i>Connecting an external TAD (telephone answering device)</i> on page 49).</p> <ol style="list-style-type: none"> 1 Plug the telephone line cord directly from the wall telephone jack to your Brother machine's LINE jack. 2 Remove the protective cap from your Brother machine's EXT jack, and then plug the telephone line cord from your answering machine into the EXT jack. 3 Set your answering machine to answer within 4 rings. If you are having problems receiving faxes or voice messages, set your answering machine to answer within 2 or 3 rings. 4 Record the outgoing message on your answering machine. <ul style="list-style-type: none"> ■ Record five seconds of silence at the beginning of your outgoing message. ■ Limit your speaking to 20 seconds. ■ End your outgoing message with your Fax Receive Code for people sending manual faxes. For example: "After the beep, leave a message or press *51 and Start to send a fax." 5 Set your answering machine to answer calls. 6 Set your Brother machine's Receive Mode to External TAD (see <i>Receive Mode settings</i> on page 42).
	Make sure your Brother machine's Easy Receive feature is turned On. Easy Receive is a feature that allows you to receive a fax even if you answered the call on an external or extension telephone (see <i>Easy Receive</i> on page 43).
	If you often get transmission errors due to possible interference on the telephone line, try changing the Compatibility setting to Basic (for VoIP) (see <i>Telephone line interference / VoIP</i> on page 129).
	Call your administrator to check your Secure Function Lock Settings.

Sending faxes

Difficulties	Suggestions
Cannot send a fax.	<p>Check all line cord connections. Make sure the telephone line cord is plugged into the telephone wall jack and the LINE jack of the machine.</p> <p>Make sure you pressed Fax and the machine is in Fax mode (see <i>How to send a fax</i> on page 36).</p> <p>Print the Transmission Verification Report and check for an error (see <i>Advanced User's Guide: Reports</i>).</p> <p>Call your administrator to check your Secure Function Lock Settings.</p> <p>Ask the other party to check that the receiving machine has paper.</p>
Poor sending quality.	Try changing your resolution to Fine or S.Fine. Make a copy to check your machine's scanner operation. If the copy quality is not good, clean the scanner (see <i>Advanced User's Guide: Cleaning the scanner</i>).

Sending faxes (continued)

Difficulties	Suggestions
Transmission Verification Report says RESULT:NG.	<p>There is probably temporary noise or static on the line. Try sending the fax again. If you are sending a PC-Fax message and get RESULT:NG on the Transmission Verification Report, your machine may be out of memory. To free up extra memory, you can turn off fax storage (see <i>Advanced User's Guide: Turning off Remote Fax Options</i>), print fax messages in memory (see <i>Advanced User's Guide: Printing a fax from the memory</i>) or cancel a delayed fax or polling job (see <i>Advanced User's Guide: Checking and canceling waiting jobs</i>). If the problem continues, ask the telephone company to check your telephone line.</p> <p>If you often get transmission errors due to possible interference on the telephone line, try changing the Compatibility setting to <code>Basic (for VoIP)</code> (see <i>Telephone line interference / VoIP</i> on page 129).</p>
Sent faxes are blank.	Make sure you are loading the document correctly. When using the ADF, the document should be <i>face up</i> . When using the scanner glass, the document should be <i>face down</i> (see <i>Loading documents</i> on page 34).
Vertical black lines when sending.	Black vertical lines on faxes you send are typically caused by dirt or correction fluid on the glass strip (see <i>Advanced User's Guide: Cleaning the scanner</i>).

Handling incoming calls

Difficulties	Suggestions
The machine 'Hears' a voice as a CNG Tone.	If Easy Receive is set to On, your machine is more sensitive to sounds. It may mistakenly interpret certain voices or music on the line as a fax machine calling and respond with fax receiving tones. Deactivate the machine by pressing  . Try avoiding this problem by turning Easy Receive to Off (see <i>Easy Receive</i> on page 43).
Sending a Fax Call to the machine.	<p>If you answered on an external or extension telephone, press your Fax Receive Code (the factory setting is *51). If you answered on the external telephone (connected to the EXT. jack), press <code>Fax Start</code> to receive the fax.</p> <p>When your machine answers, hang up.</p>
Custom features on a single line.	<p>If you have Call Waiting, Call Waiting/Caller ID, Caller ID, RingMaster, Voice Mail, an answering machine, an alarm system or other custom feature on a single telephone line with your machine, it may create a problem sending or receiving faxes.</p> <p>For Example: If you subscribe to Call Waiting or some other custom service and its signal comes through the line while your machine is sending or receiving a fax, the signal can temporarily interrupt or disrupt the faxes. Brother's ECM (Error Correction Mode) feature should help overcome this problem. This condition is related to the telephone system industry and is common to all devices that send and receive information on a single, shared line with custom features. If avoiding a slight interruption is crucial to your business, a separate line with no custom features is recommended.</p>

Copying difficulties

Difficulties	Suggestions
Cannot make a copy.	<p>Make sure you pressed <code>Copy</code> and the machine is in Copy mode (see <i>How to copy</i> on page 56).</p> <p>Call your administrator to check your Secure Function Lock Settings.</p>

Copying difficulties (continued)

Difficulties	Suggestions
Vertical black line appears in copies.	Black vertical lines on copies are typically caused by dirt or correction fluid on the glass strip, or the corona wires are dirty. Clean the glass strip and scanner glass and the white bar and white plastic above them (see <i>Cleaning the corona wires</i> on page 79 and see <i>Advanced User's Guide: Cleaning the scanner</i>).
Copies are blank.	Make sure you are loading the document correctly (see <i>Using the automatic document feeder (ADF)</i> on page 34 or <i>Using the scanner glass</i> on page 35).

Scanning difficulties

Difficulties	Suggestions
TWAIN or WIA errors appear when starting to scan. (Windows®)	Make sure the Brother TWAIN or WIA driver is selected as the primary source. In PageManager, click File > Select Source and choose the Brother TWAIN/WIA driver.
TWAIN or ICA errors appear when starting to scan. (Macintosh)	Make sure the Brother TWAIN driver is selected as the primary source. In PageManager, click File > Select Source and choose the Brother TWAIN driver. Macintosh users can also scan documents using the ICA Scanner Driver (see <i>Software User's Guide</i>).
OCR does not work.	Try increasing the scanning resolution. (Macintosh users) Make sure you downloaded and installed Presto! PageManager from http://nj.newsoft.com.tw/download/brother/PM9SEInstaller_BR_multilang.dmg
Network scanning does not work.	See <i>Network difficulties</i> on page 127.
Cannot scan.	Call your administrator to check your Secure Function Lock Settings.

Software difficulties

Difficulties	Suggestions
Cannot install software or print.	(Windows® only) Run the Repair MFL-Pro Suite program on the CD-ROM. This program will repair and reinstall the software.

Network difficulties

Difficulties	Suggestions
<p>Cannot print and scan over a network after completing the software installation.</p>	<p>When the <i>Cannot print to the networked printer.</i> screen appears, follow the on-screen instructions.</p> <p>If the problem is not solved, see <i>Network User's Guide: Troubleshooting.</i></p>
<p>The network scanning feature does not work.</p>	<p>(Windows® and Macintosh)</p> <p>The network scanning feature may not work due to the firewall settings. Change or disable the firewall settings. It is necessary to set the third-party Security/Firewall Software to allow Network scanning. To add port 54925 for Network scanning, enter the information below:</p> <ul style="list-style-type: none"> ■ In Name: Enter any description, for example Brother NetScan. ■ In Port number: Enter 54925. ■ In Protocol: Make sure UDP is selected. <p>See the instruction manual that came with your third-party Security/Firewall Software or call the software manufacturer.</p> <p>For more information, you can read FAQs and troubleshooting suggestions at http://solutions.brother.com/.</p> <hr/> <p>(Macintosh)</p> <p>Re-select your machine in the Device Selector window from the Model pop-up menu in the main screen of ControlCenter2.</p>
<p>The network PC-Fax Receive feature does not work.</p>	<p>(Windows® only)</p> <p>It is necessary to set the third-party Security/Firewall Software to allow PC-FAX Rx. To add port 54926 for Network PC-FAX Rx, enter the information below:</p> <ul style="list-style-type: none"> ■ In Name: Enter any description, for example Brother PC-FAX Rx. ■ In Port number: Enter 54926. ■ In Protocol: UDP is selected. <p>See the instruction manual that came with your third-party Security/Firewall Software or call the software manufacturer.</p> <p>For more information, read FAQs and troubleshooting suggestions at http://solutions.brother.com/.</p>
<p>The Brother software cannot be installed.</p>	<p>(Windows®)</p> <p>If the Security Software warning appears on the computer screen during the installation, change the Security Software settings to permit the Brother product setup program or other program to run.</p> <p>(Macintosh)</p> <p>If you are using a firewall function of anti-spyware or antivirus security software, temporarily disable it and then install the Brother software.</p>
<p>Cannot connect to the wireless network.</p>	<p>Investigate the problem using the WLAN Report. Press  All Settings, Print Reports, WLAN Report and then press OK (see Quick Setup Guide).</p>

Other difficulties

Difficulties	Suggestions
<p>The machine will not turn on.</p>	<p>Adverse conditions on the power connection (such as lightning or a power surge) may have triggered the machine's internal safety mechanisms. Press and hold down  to turn off the machine and unplug the power cord. Wait for ten minutes, then plug in the power cord and press  to turn on the machine.</p> <p>If the problem is not solved, turn off the machine. If you are using a backup battery or surge suppressor device, disconnect it to make sure it is not the problem. Plug the machine's power cord directly into a different known working wall outlet and press  to turn on the machine.</p>
<p>The machine cannot print EPS data that includes binary with the BR-Script3 printer driver.</p>	<p>(Windows®) To print EPS data, do the following:</p> <p>1 For Windows® 7 and Windows Server® 2008 R2: Click the  (Start) button > Devices and Printers.</p> <p>For Windows Vista® and Windows Server® 2008: Click the  (Start) button > Control Panel > Hardware and Sound > Printers.</p> <p>For Windows® XP and Windows Server® 2003: Click the Start button > Printers and Faxes.</p> <p>For Windows® 8 and Windows Server® 2012: Move your mouse to the lower right corner of your desktop. When the menu bar appears, click Settings > Control Panel. In the Hardware and Sound¹ group, click View devices and printers.</p> <p>2 For Windows® 7, Windows® XP, Windows Vista®, Windows Server® 2003, Windows Server® 2008 and Windows Server® 2008R2: Right-click the Brother MFC-XXXX² icon and select Printer properties³, and then select Brother MFC-XXXX BR-Script3.</p> <p>For Windows® 8 and Windows Server® 2012: Right-click the Brother MFC-XXXX BR-Script3 icon, select Printer properties.</p> <p>3 From the Device Settings tab, choose TBCP (Tagged binary communication protocol) in Output Protocol.</p> <p>(Macintosh) If your machine is connected to a computer with a USB interface, you cannot print EPS data that includes binary. You can print the EPS data at the machine through a network. For help installing the BR-Script3 printer driver through the network, visit the Brother Solutions Center at http://solutions.brother.com/.</p>

¹ For Windows Server® 2012: **Hardware**.

² For Windows® XP, Windows Vista®, Windows Server® 2003 and Windows Server® 2008: **Brother MFC-XXXX BR-Script3**.

³ For Windows® XP, Windows Vista®, Windows Server® 2003 and Windows Server® 2008: **Properties**.

Setting Dial Tone detection

Setting the Dial Tone to Detection will shorten the Dial Tone detect pause.

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Initial Setup.
- 4 Press Initial Setup.
- 5 Swipe up or down, or press ▲ or ▼ to display Dial Tone.
- 6 Press Dial Tone.
- 7 Press Detection Or No Detection.
- 8 Press .

Telephone line interference / VoIP

If you are having difficulty sending or receiving a fax due to possible interference on the telephone line, we recommend that you adjust the Equalization for compatibility to reduce the modem speed for fax operations.

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Initial Setup.
- 4 Press Initial Setup.
- 5 Swipe up or down, or press ▲ or ▼ to display Compatibility.
- 6 Press Compatibility.

- 7 Press High, Normal or Basic(for VoIP).
 - Basic(for VoIP) reduces the modem speed to 9600 bps and turns off ECM (error correction mode). Unless interference is a recurring problem on your telephone line, you may prefer to use it only when needed.
 - To improve compatibility with most VoIP services, Brother recommends changing the compatibility setting to Basic(for VoIP).
 - Normal sets the modem speed at 14400 bps.
 - High sets the modem speed at 33600 bps.
- 8 Press .

NOTE

- VoIP (Voice over IP) is a type of phone system that uses an Internet connection, rather than a traditional phone line.
- Brother does not recommend the use of a VoIP line. VoIP limitations in general can cause some functions of the fax machine not to work correctly.

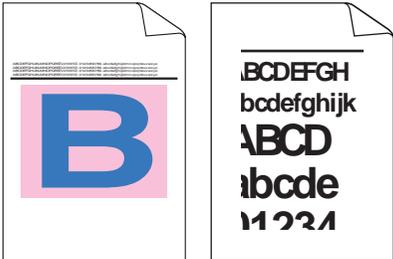
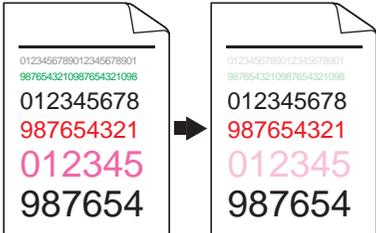
Improving the print quality

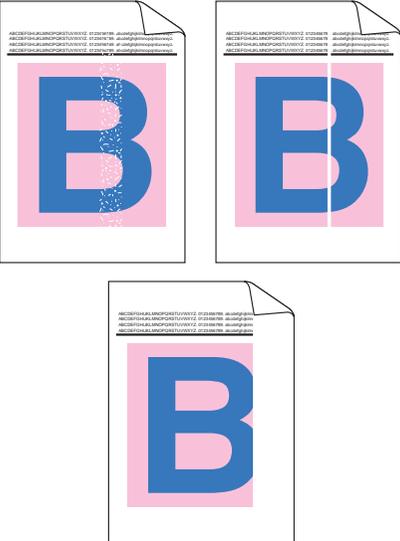
If you have a print quality problem, print a test page first (, All Settings, Printer, Print Options, Test Print). If the printout looks good, the problem is probably not the machine. Check the interface cable connections and try printing a different document. If the printout or test page printed from the machine has a quality problem, check the following steps first. And then, if you still have a print quality problem, check the chart below and follow the recommendations.

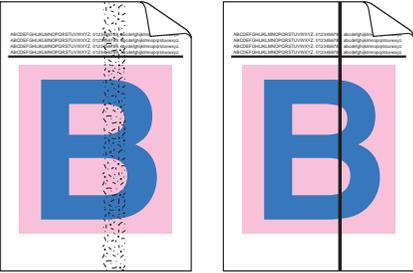
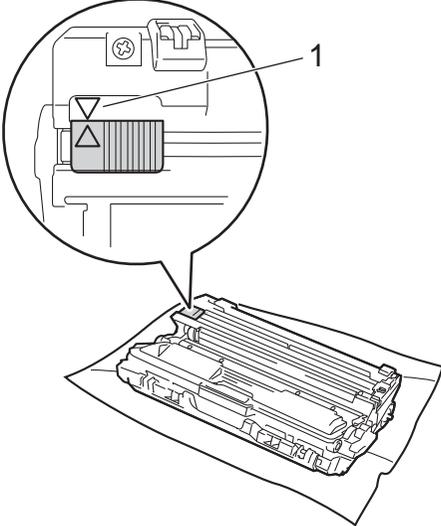
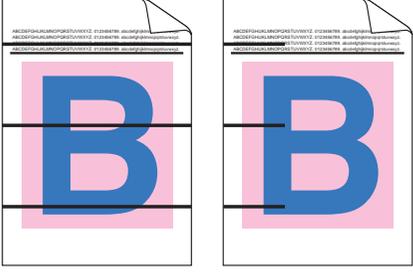
NOTE

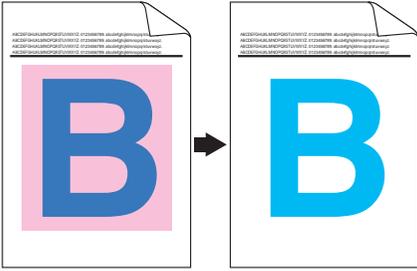
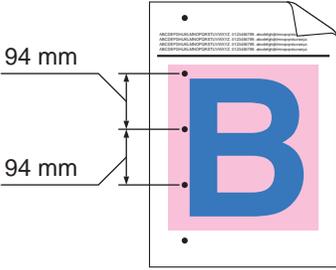
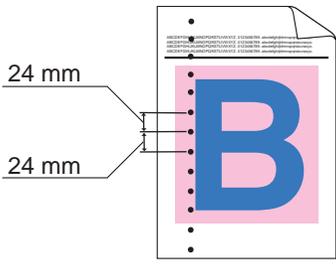
Using non-Brother supplies may affect the print quality, hardware performance, and machine reliability.

- 1 To get the best print quality, we suggest using recommended paper. Make sure you use paper that meets our specifications (see *Acceptable paper and other print media* on page 29).
- 2 Check that the drum units and toner cartridges are installed correctly.

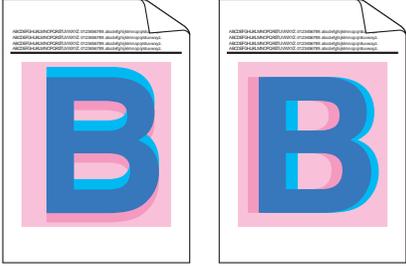
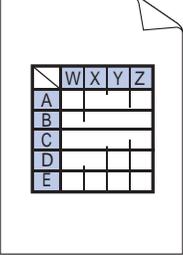
Examples of poor print quality	Recommendation
 <p>Printed pages are compressed, horizontal stripes appear, or characters in the top, bottom, left and right margins are cut off</p>	<ul style="list-style-type: none"> ■ Adjust the print margins on your application and reprint the job.
 <p>Colored letters and thin letters in the original document are light or faint in the copy</p>	<ul style="list-style-type: none"> ■ Choose <i>Text</i> or <i>Receipt</i> in the copy quality setting (see <i>Advanced User's Guide: Improving copy quality</i>). ■ Adjust the copy density and contrast (see <i>Advanced User's Guide: Adjusting Density and Contrast</i>).

Examples of poor print quality	Recommendation
 <p data-bbox="144 556 546 614">Colors are light or faint on the whole page</p>	<ul style="list-style-type: none"> ■ Perform the calibration using the Touchscreen or the printer driver (see <i>Advanced User's Guide: Calibration</i>). ■ Adjust the copy density and contrast if you are copying (see <i>Advanced User's Guide: Adjusting Density and Contrast</i>). ■ Make sure Toner Save mode is off in the Touchscreen or the printer driver. ■ Make sure the media type setting in the driver matches the type of paper you are using (see <i>Acceptable paper and other print media</i> on page 29). ■ Shake all four toner cartridges gently. ■ Wipe the windows of all four LED heads with a <i>dry</i> lint free soft cloth (see <i>Advanced User's Guide: Cleaning the LED heads</i>).
 <p data-bbox="157 1315 539 1373">White streaks or bands down the page</p>	<ul style="list-style-type: none"> ■ Wipe the windows of all four LED heads with a <i>dry</i> lint free soft cloth (see <i>Advanced User's Guide: Cleaning the LED heads</i>). ■ Wipe the scanner glass strip with a <i>dry</i> lint free soft cloth (see <i>Advanced User's Guide: Cleaning the scanner</i>). ■ Make sure foreign material such as a torn piece of paper, sticky notes or dust is not inside the machine and around the drum unit and toner cartridge. ■ Clean the drum unit (see <i>Advanced User's Guide: Cleaning the drum unit</i>).

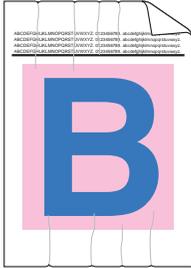
Examples of poor print quality	Recommendation
 <p data-bbox="116 604 518 658">Colored streaks or bands down the page</p>	<ul style="list-style-type: none"> ■ Wipe the scanner glass strip with a <i>dry</i> lint free soft cloth (see <i>Advanced User's Guide: Cleaning the scanner</i>). ■ Clean all four corona wires (one for each color) inside the drum unit by sliding the green tab (see <i>Cleaning the corona wires</i> on page 79). ■ Make sure the green tab of the corona wire is at the home position (▲)(1).  <ul style="list-style-type: none"> ■ Replace the toner cartridge that matches the color of the streak or band (see <i>Replacing the toner cartridges</i> on page 73). To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ The drum unit may be damaged. Install a new drum unit (see <i>Replacing the drum units</i> on page 83.) To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.
 <p data-bbox="148 1731 488 1760">Colored lines across the page</p>	<ul style="list-style-type: none"> ■ Identify the color causing the problem and replace the toner cartridge that matches the color of the line (see <i>Replacing the toner cartridges</i> on page 73). To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.

Examples of poor print quality	Recommendation
 <p data-bbox="193 562 504 591">White spots or hollow print</p>	<ul style="list-style-type: none"> <li data-bbox="581 266 1240 349">■ Make sure the media type setting in the driver matches the type of paper you are using (see <i>Acceptable paper and other print media</i> on page 29). <li data-bbox="581 369 1240 452">■ Check the machine's environment. Conditions such as high humidity can cause hollow print (see <i>Product Safety Guide: Choosing a location</i>). <li data-bbox="581 471 1240 581">■ If the problem is not solved after printing a few pages, foreign material, such as glue from a label, may be stuck on the drum surface (see <i>Advanced User's Guide: Cleaning the drum unit</i>). <li data-bbox="581 600 1240 653">■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). <p data-bbox="609 668 1140 751">To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.</p>
 <p data-bbox="172 1058 522 1112">Blank page or some colors are missing</p>	<ul style="list-style-type: none"> <li data-bbox="581 768 1240 821">■ Identify the color causing the problem and put in a new toner cartridge (see <i>Replacing the toner cartridges</i> on page 73). <p data-bbox="609 836 1160 919">To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.</p> <ul style="list-style-type: none"> <li data-bbox="581 938 1240 991">■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). <p data-bbox="609 1006 1140 1089">To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.</p>
 <p data-bbox="211 1420 484 1449">Colored spots at 94 mm</p>	<ul style="list-style-type: none"> <li data-bbox="581 1126 1240 1236">■ If the problem is not solved after printing a few blank pages, foreign material, such as glue from a label, may be stuck on the drum surface. Clean the drum unit (see <i>Advanced User's Guide: Cleaning the drum unit</i>). <li data-bbox="581 1255 1240 1307">■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). <p data-bbox="609 1323 1140 1406">To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.</p>
 <p data-bbox="211 1740 484 1769">Colored spots at 24 mm</p>	<ul style="list-style-type: none"> <li data-bbox="581 1454 1240 1506">■ Identify the color causing the problem and put in a new toner cartridge (see <i>Replacing the toner cartridges</i> on page 73). <p data-bbox="609 1522 1160 1605">To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.</p>

Examples of poor print quality	Recommendation
 <p data-bbox="159 556 474 581">Toner scatter or toner stain</p>	<ul style="list-style-type: none"> <li data-bbox="550 266 1203 349">■ Check the machine's environment. Conditions such as high humidity and high temperatures may cause this print quality problem. <li data-bbox="550 369 1203 523">■ Identify the color causing the problem and put in a new toner cartridge (see <i>Replacing the toner cartridges</i> on page 73). To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. <li data-bbox="550 542 1203 697">■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.
<p data-bbox="127 707 509 765">The color of your printouts is not what you expected</p>	<ul style="list-style-type: none"> <li data-bbox="550 707 1203 794">■ To improve the color density, calibrate the colors using first the Touchscreen and then the printer driver (see <i>Advanced User's Guide: Calibration</i>). <li data-bbox="550 813 1203 919">■ To adjust the print position of colors for sharper edges, perform an automatic color registration using the Touchscreen (see <i>Advanced User's Guide: Auto Registration</i>). <li data-bbox="550 938 1203 1025">■ Adjust the copy density and contrast if you are copying (see <i>Advanced User's Guide: Adjusting Density and Contrast</i>). <li data-bbox="550 1045 1203 1093">■ Make sure Toner Save mode is off in the Touchscreen or the printer driver (see <i>Software User's Guide</i>). <li data-bbox="550 1112 1203 1161">■ If the print quality is poor, clear the Improve Gray Color check box in the printer driver (see <i>Software User's Guide</i>). <li data-bbox="550 1180 1203 1267">■ If the print quality of the black portion is not what you expected, select the Enhance Black Printing check box in the printer driver (see <i>Software User's Guide</i>). <li data-bbox="550 1286 1203 1441">■ Identify the color causing the problem and put in a new toner cartridge (see <i>Replacing the toner cartridges</i> on page 73). To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. <li data-bbox="550 1460 1203 1611">■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.

Examples of poor print quality	Recommendation
 <p data-bbox="226 556 469 585">Color misregistration</p>	<ul style="list-style-type: none"> ■ Make sure the machine is on a solid level surface. ■ Perform the auto color registration using the Touchscreen (see <i>Advanced User's Guide: Auto Registration</i>). ■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ Install a new belt unit (see <i>Replacing the belt unit</i> on page 88).
 <p data-bbox="185 913 509 971">Uneven density appears periodically across the page</p>	<ul style="list-style-type: none"> ■ Perform the calibration using the Touchscreen or the printer driver (see <i>Advanced User's Guide: Calibration</i>). ■ Adjust the copy density and contrast if you are copying (see <i>Advanced User's Guide: Adjusting Density and Contrast</i>). ■ Clear the Improve Gray Color check box in the printer driver. (See <i>Software User's Guide</i>.) ■ Identify the color causing the problem and put in a new toner cartridge (see <i>Replacing the toner cartridges</i> on page 73). To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.
 <p data-bbox="189 1487 509 1516">Missing thin lines in images</p>	<ul style="list-style-type: none"> ■ Make sure Toner Save mode is off in the Touchscreen or the printer driver (see <i>Software User's Guide</i>). ■ Change the print resolution. ■ If you use a Windows printer driver, choose Improve pattern printing in Print Setting of Basic tab (see <i>Software User's Guide</i>).

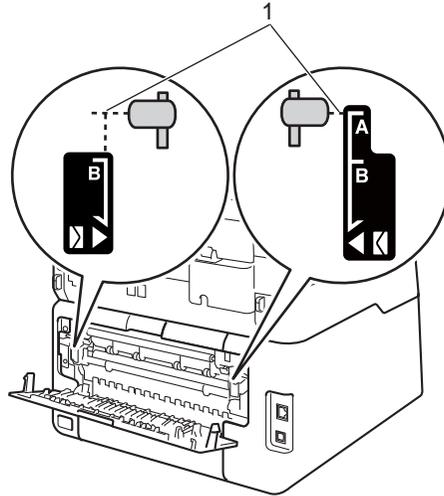
Examples of poor print quality



Wrinkle

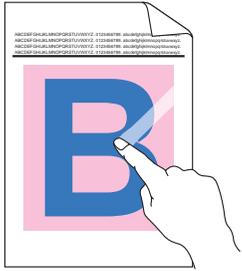
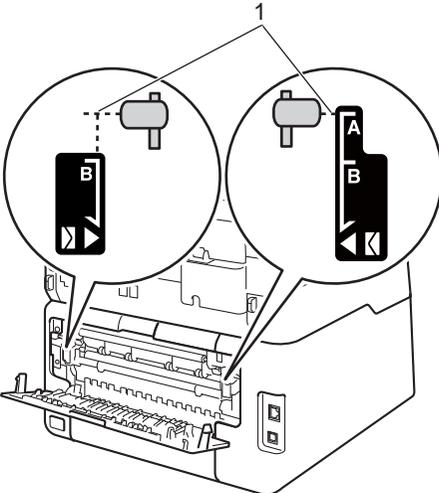
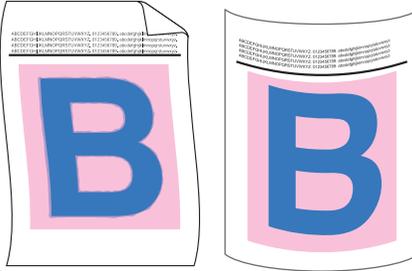
Recommendation

- Make sure the back cover is closed correctly.
- Make sure the two gray levers inside the back cover are in the up position (1). Pull up the two gray levers until they stop.



- Make sure the media type setting in the driver matches the type of paper you are using (see *Acceptable paper and other print media* on page 29).

Examples of poor print quality	Recommendation
<div data-bbox="161 285 551 544" data-label="Image"> </div> <p data-bbox="312 562 385 587" style="text-align: center;">Ghost</p>	<ul style="list-style-type: none"> <li data-bbox="581 266 1232 382">■ Check the machine's environment. Conditions such as low humidity and low temperatures may cause this print quality problem (see <i>Product Safety Guide: Choosing a location</i>). <li data-bbox="581 396 1237 479">■ Make sure the media type setting in the driver matches the type of paper you are using (see <i>Acceptable paper and other print media</i> on page 29). <li data-bbox="581 492 1237 550">■ Make sure the two gray levers inside the back cover are in the up position (1). Pull up the two gray levers until they stop. <div data-bbox="680 581 1122 1074" data-label="Image"> </div> <ul style="list-style-type: none"> <li data-bbox="581 1087 1237 1145">■ Identify the color causing the problem and install a new drum unit (see <i>Replacing the drum units</i> on page 83). To identify the color of the drum unit, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.

Examples of poor print quality	Recommendation
 <p data-bbox="253 569 391 598">Poor fixing</p>	<ul style="list-style-type: none"> ■ Make sure the two gray levers inside the back cover are in the up position (1). Pull up the two gray levers until they stop.  <ul style="list-style-type: none"> ■ Make sure the media type setting in the driver matches the type of paper you are using (see <i>Acceptable paper and other print media</i> on page 29). ■ Choose Improve Toner Fixing mode in the printer driver (see Software User's Guide). <p data-bbox="576 1033 1210 1149">If this selection does not provide enough improvement, change the printer driver setting in Media Type to a thick setting. If you are printing an envelope, choose Env.Thick in the media type setting.</p>
 <p data-bbox="226 1449 404 1477">Curled or wavy</p>	<ul style="list-style-type: none"> ■ Choose Reduce Paper Curl mode in the printer driver (see Software User's Guide). <p data-bbox="576 1226 1159 1284">If the problem is not solved, choose Plain Paper in the media type setting.</p> <ul style="list-style-type: none"> ■ If you are printing an envelope, choose Env.Thin in the Media Type Setting of the printer driver. ■ If you do not use the machine often, the paper may have been in the paper tray too long. Turn over the stack of paper in the paper tray. Also, fan the paper stack and then rotate the paper 180° in the paper tray. ■ Store the paper where it will not be exposed to high temperatures and high humidity. ■ Open the back cover (face-up output tray) to let the printed paper exit onto the face-up output tray.

Examples of poor print quality	Recommendation
<div data-bbox="248 274 444 614" data-label="Image"> </div> <div data-bbox="241 624 454 658" data-label="Caption"> <p>Envelope Creases</p> </div>	<ul style="list-style-type: none"> ■ Make sure the envelope levers inside the back cover are pulled down to the envelope position when you print envelopes (see <i>Loading paper in the manual feed slot</i> on page 22). <p>NOTE</p> <p>When you have finished printing, open the back cover and reset the two gray levers back to their original positions (1). Pull up the two gray levers until they stop.</p> <div data-bbox="677 546 1122 1045" data-label="Image"> </div>

Machine Information

Checking the Serial Number

You can see the machine's Serial Number on the Touchscreen.

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Machine Info..
- 4 Press Machine Info..
- 5 Press Serial No..
- 6 The Touchscreen will show the machine's Serial Number.
- 7 Press .

Checking the Firmware Version

You can see the machine's firmware version on the Touchscreen.

- 1 Press .
- 2 Press All Settings.
- 3 Swipe up or down, or press ▲ or ▼ to display Machine Info..
- 4 Press Machine Info..
- 5 Press Firmware Version.
- 6 The Touchscreen will show the machine's firmware version.
- 7 Press .

Reset functions

The following reset functions are available:

1 Network

You can reset the internal print server back to its default factory settings such as the password and IP address information.

2 Address Book & Fax

Address book & Fax resets the following settings:

- Address Book
(Addresses and Groups)
- Programmed fax jobs in the memory
(Polled TX, Delayed Fax, Batch TX)
- Station ID
(name and number)
- Coverage Msg
(comments)
- Remote Fax Options
(Remote Access Code, Fax Storage, Fax Forwarding, PC-Fax Send, and PC-Fax Receive (Windows® only))
- Report settings
(Transmission Verification Report/ Tel Index List/Fax Journal)
- Setting Lock password

3 All Settings

You can reset all the machine's settings back to the settings that were set at the factory.

Brother strongly recommends you perform this operation when you dispose of the machine.

NOTE

Unplug the interface cable before you choose **Network** or **All Settings**.

How to reset the machine

- 1 Press .
- 2 Press **All Settings**.
- 3 Swipe up or down, or press **▲** or **▼** to display **Initial Setup**.
- 4 Press **Initial Setup**.
- 5 Swipe up or down, or press **▲** or **▼** to display **Reset**.
- 6 Press **Reset**.
- 7 Press **Network**, **Address Book & Fax** or **All Settings** to choose the reset function you want.
- 8 Do one of the following;
 - To reset the settings, press **Yes** and go to step 9.
 - To exit without making changes, press **No** and go to step 10.
- 9 You will be asked to reset the machine. Do one of the following;
 - To reset the machine press **Yes** for 2 seconds. The machine will begin the reset.
 - To exit without resetting the machine, press **No**. Go to step 10.

NOTE

If you do not reboot your machine, the reset will not finish and your settings will remain unchanged.

- 10 Press .

NOTE

You can also reset the Network settings by pressing , **All Settings**, **Network**, **Network Reset**.

C

Settings and features tables

Using the Settings Tables

Your machine's Touchscreen LCD is easy to set up and operate. All you have to do is press the settings and options you want as they are displayed on the screen. We created step-by-step Settings Tables and Features Tables so you can see at-a-glance all the available choices for each setting and feature. You can use these tables to quickly set up your preferred settings in the machine.

Settings Tables

The Settings tables will help you understand the menu selections and options that are found in the machine's programs. The factory settings are shown in Bold with an asterisk.



(Settings)

Level 1	Level 2	Level 3	Options	Descriptions	See Page
 (Date & Time)	Date	—	—	Add the date and time on the Touchscreen and in headings of faxes you send.	See ‡.
	Time	—	—		
	Auto Daylight	—	On Off*	Change for Daylight Saving Time automatically.	See ◆.
	Time Zone	—	UTCXXX:XX	Set the time zone for your country.	See ‡.
 (Toner)	See <i>Toner</i> on page 184.			Access the Toner menus.	184
Network	Wired LAN	See <i>Wired LAN</i> on page 152.		Access the Wired LAN setting menus.	152
	WLAN	See <i>WLAN</i> on page 154.		Access the WLAN setting menus.	154
Fax Preview	—	—	On Off*	View faxes you receive on the Touchscreen.	44
WiFi Direct	See <i>Wi-Fi Direct</i> on page 156.			Access the Wi-Fi Direct™ setting menus.	156
Tray Setting	Paper Type	—	Thin Plain Paper* Thick Thicker Recycled Paper	Set the type of paper in the paper tray.	28
◆ See Advanced User's Guide.					
‡ See Quick Setup Guide.					
The factory settings are shown in Bold with an asterisk.					

Level 1	Level 2	Level 3	Options	Descriptions	See Page
Tray Setting (continued)	Paper Size	—	A4* Letter Legal EXE A5 A5 L A6 Folio	Set the size of paper in the paper tray.	28
All Settings	See <i>All settings</i> on page 145.			Select your default settings.	145
<p>◆ See Advanced User's Guide.</p> <p>‡ See Quick Setup Guide.</p>					
<p> The factory settings are shown in Bold with an asterisk.</p>					



All settings

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page	
General Setup	Paper Type	—	—	Thin Plain Paper* Thick Thicker Recycled Paper	Set the type of paper in the paper tray.	28	
	Paper Size	—	—	A4* Letter Legal EXE A5 A5 L A6 Folio	Set the size of paper in the paper tray.	28	
	Volume	Ring	—	—	Off Low Med* High	Adjust the ring volume.	See .
		Beep	—	—	Off Low* Med High	Adjust the beeper volume.	
		Speaker	—	—	Off Low Med* High	Adjust the speaker volume.	
	LCD Settings	Backlight	—	—	Light* Med Dark	Adjust the brightness of the Touchscreen backlight.	
		Dim Timer	—	—	Off* 10Secs 20Secs 30Secs	Set how long the Touchscreen backlight stays on after the last key press.	

◆ See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

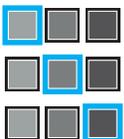
Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page	
General Setup (continued)	Button Settings	Home Button Settings	—	Home* More Shortcuts 1 Shortcuts 2 Shortcuts 3	Set the screen that is displayed when you press Home  on the Touchpanel.	13	
		Ecology	Toner Save	—	On off*	Increase the page yield of the toner cartridge.	See  .
	Sleep Time		—	Range varies depending on the model. 3 Mins*	Conserve power.		
	Security	Function Lock	Set Password	Verify		You can restrict selected machine operations for up to 25 restricted users and for all other non-authorized Public users.	
				Lock Off⇒On			
	Setting Lock	Set Password	Verify		Stop unauthorized users from changing the machine's settings.		
Lock Off⇒On							
Shortcut Settings	(Choose shortcut button.)	Edit Shortcut Name	—	—	Change the shortcut name.	19	
		Delete	—	—	Delete the shortcut.	19	
◆ See Advanced User's Guide.							
 The factory settings are shown in Bold with an asterisk.							

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page
Fax	Setup Receive	Receive Mode	—	Fax* Fax/Tel External TAD Manual	Choose the receive mode that best suits your needs.	39
		Ring Delay	—	0 1 2*	Set the number of rings before the machine answers in Fax or Fax/Tel mode.	42
		F/T Ring Time	—	20Secs* 30Secs 40Secs 70Secs	Set the length of the pseudo/double-ring time in Fax/Tel mode.	42
		Fax Preview	—	On Off*	View faxes you receive on the Touchscreen.	44
		Easy Receive	—	On* Off	Receive fax messages automatically when you answer a call and hear fax tones.	43
		Remote Codes	—	Remote Codes (Options) On* Off Fax Receive Code (*51) Tel Answer (#51)	Answer calls at an extension telephone and use codes to turn the machine on or off. You can personalize the codes.	52
		Auto Reduction	—	On* Off	Reduces the size of incoming faxes.	See ♦.

♦ See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page
Fax (continued)	Setup Receive (continued)	Memory Receive	— (Backup Print)	Off*	Set the machine to forward fax messages, to call your pager or cell phone, to store incoming faxes in the memory (so you can retrieve them while you are away from your machine), or to send faxes to your computer. If you chose Fax Forward or PC-Fax Receive, you can turn on the Backup Print safety feature.	See ◆ .
				Fax Forward		
				Fax Storage		
				PC Fax Receive		
		Anti-Junk Fax	—	Register	Register up to 100 fax/telephone numbers to the fax blocking list.	
				Delete	Delete registered fax/telephone numbers from the fax blocking list.	
				Print Reports	Print a list of registered fax/telephone numbers in the fax blocking list.	
		Print Density	—		Make printouts darker or lighter.	
		Fax Rx Stamp	—	On Off*	Print the received time and date on the top of the received faxes.	
		2-sided	—	On Off*	Print received faxes on both sides of the paper.	
Setup Send	Batch TX	—	On Off*	Combine delayed faxes going to the same fax number at the same time of day into one transmission.		

◆ See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page
Fax (continued)	Setup Send (continued)	Coverpage Setting	Print Sample	—	Print a sample of the fax cover page. You can fill in information and fax it with your document.	See ◆.
			Coverpage Message	—	Set up your own comments for the fax cover page.	
		Destination	—	Display* Hidden	Set the machine to display the destination information on the Touchscreen during fax sending.	
	Report Setting	Transmission	—	On On+Image Off* Off+Image	Choose the initial setup for the Transmission Verification Report.	38
			Journal Period	Journal Period	Off Every 50 Faxes* Every 6 Hours Every 12 Hours Every 24 Hours Every 2 Days Every 7 Days	Set the interval for automatic printing of the Fax Journal. If you select other than Off or Every 50 Faxes, you can set the time for the option. If you select Every 7 Days, you can also set the day of the week.
		Time		—		
		Day	Every Monday* Every Tuesday Every Wednesday Every Thursday Every Friday Every Saturday Every Sunday			
	Print Fax	—	—	—	Print incoming faxes that are stored in the memory.	
Remote Access	—	—	---*	Set your own code for Remote Retrieval.		
◆ See Advanced User's Guide.						
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page
Fax (continued)	Dial Restriction	Dial Pad	—	Enter # Twice On Off*	Set the machine to restrict dialing when using the dial pad.	See  .
		Address Book	—	Enter # Twice On Off*	Set the machine to restrict the dialing when using the Address Book.	
		Shortcuts	—	Enter # Twice On Off*	Set the machine to restrict the dialing when using a Shortcut.	
	Remaining Jobs	—	—	—	Check which scheduled jobs are in the memory and cancel selected jobs.	
	Miscellaneous	Caller ID	—	On* Off	Set the machine to use the Caller ID subscriber service.	
◆ See Advanced User's Guide.						
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page	
Printer	Emulation	—	—	Auto* HP LaserJet BR-Script 3	Choose the emulation mode.	See □.	
	Print Options	Internal Font	HP LaserJet BR-Script 3	—	—		Print a list of the machine's internal fonts.
		Configuration	—	—	—		Print a list of the machine's printer settings.
		Test Print	—	—	—		Print a test page.
	2-sided	—	—	Off* Long Edge Short Edge	Enable or disable 2-sided printing and choose long edge or short edge.		
	Auto Continue	—	—	On* Off	Select this setting if you want the machine to clear paper size errors and to use the paper in the tray.		
	Output Color	—	—	Auto* Color Black and White	Choose color or black & white for printed documents. If you choose Auto , the machine selects an appropriate option for the document (color or black & white).		
	Reset Printer	—	—	Yes No	Restore the printer settings to the factory settings.		
	Calibration	Calibrate	—	Yes No	Adjusts the color density.	See ◆.	
		Reset	—	Yes No	Returns the color calibration to the factory settings.		
Auto Regist.	—	—	Yes No	Adjusts the print position of each color automatically.			
Frequency	—	—	Normal* Low Off	Set the interval time of the auto registration and calibration.			
□ See Software User's Guide.							
 The factory settings are shown in Bold with an asterisk.							

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions
Network †	Wired LAN	TCP/IP	BOOT Method	—	Auto* Static RARP BOOTP DHCP	Choose the BOOT method that best suits your needs.
			(IP Boot Tries)		3* [0-32767]	Specifies the number of attempts the machine will try to obtain an IP address when the BOOT Method is set to any setting except Static.
			IP Address	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.
			Subnet Mask	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.
			Gateway	—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.
			Node Name	—	BRNXXXXXXXXXXXX	Enter the Node name. (Up to 32 characters)
			WINS Configuration	—	Auto* Static	Chooses the WINS configuration mode.
WINS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary WINS server.			

† See Network User's Guide.

♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at <http://solutions.brother.com/>.

● Visit the Brother Solutions Center to download the Web Connect Guide at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions
Network † (continued)	Wired LAN (continued)	TCP/IP (continued)	DNS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary DNS server.
			APIPA	—	On* Off	Automatically allocates the IP address from the link-local address range.
			IPv6	—	On Off*	Enable or Disable the IPv6 protocol. If you want to use the IPv6 protocol, visit http://solutions.brother.com/ for more information.
		Ethernet	—	—	Auto* 100B-FD 100B-HD 10B-FD 10B-HD	Choose the Ethernet link mode.
		Wired Status	—	—	Active 100B-FD Active 100B-HD Active 10B-FD Active 10B-HD Inactive Wired OFF	You can see the current wired status.
		MAC Address	—	—	—	Shows the MAC address of the machine.
		Set to Default	—	—	Yes No	Restore the wired network setting to the factory setting.
		<p>† See Network User's Guide.</p> <p>♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at http://solutions.brother.com/.</p> <p>● Visit the Brother Solutions Center to download the Web Connect Guide at http://solutions.brother.com/.</p> <p> The factory settings are shown in Bold with an asterisk.</p>				

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions
Network + (continued)	Wired LAN (continued)	Wired Enable	—	—	On* Off	Enable or Disable the Wired LAN manually.
		WLAN	TCP/IP	BOOT Method	—	Auto* Static RARP BOOTP DHCP
	(IP Boot Tries)			—	3* [00000-32767]	Specifies the number of attempts the machine will try to obtain an IP address when the BOOT Method is set to any setting except Static.
	IP Address		—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the IP address.	
	Subnet Mask		—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.	
	Gateway		—	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Gateway address.	
	Node Name		—	BRWXXXXXXXXXXXX	Enter the Node name. (Up to 32 characters)	
	WINS Configuration	—	Auto* Static	Chooses the WINS configuration mode.		
<p>+ See Network User's Guide.</p> <p>♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at http://solutions.brother.com/.</p> <p>● Visit the Brother Solutions Center to download the Web Connect Guide at http://solutions.brother.com/.</p>						
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions
Network † (continued)	WLAN (continued)	TCP/IP (continued)	WINS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary WINS server.
			DNS Server	—	Primary [000-255]. [000-255]. [000-255]. [000-255] Secondary [000-255]. [000-255]. [000-255]. [000-255]	Specifies the IP address of the primary or secondary DNS server.
			APIPA	—	On* Off	Automatically allocates the IP address from the link-local address range.
			IPv6	—	On Off*	Enable or Disable the IPv6 protocol. If you want to use the IPv6 protocol, visit http://solutions.brother.com/ for more information.
		Setup Wizard	—	—	—	You can configure your internal print server.
		WPS/AOSS	—	—	—	You can easily configure your wireless network settings using the one-button push method.

† See Network User's Guide.

♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at <http://solutions.brother.com/>.

● Visit the Brother Solutions Center to download the Web Connect Guide at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions		
Network + (continued)	WLAN (continued)	WPS w/PIN Code	—	—	—	—	You can easily configure your wireless network settings using WPS with a PIN code.	
		WLAN Status	Status	—	Active(11b)	You can see the current wireless network status.		
					Active(11g)			
					Active(11n)			
					Wired LAN Active			
		WLAN Off	—	—	—	AOSS Active	You can see the current wireless network signal strength.	
						Connection Failed		
						Signal		—
	Medium							
	SSID	—	—	—	Weak	You can see the current SSID.		
None								
Comm. Mode	—	—	—	Ad-hoc	You can see the current Communication Mode.			
				Infrastructure				
None	—	—	—	—	Shows the MAC address of the machine.			
				MAC Address				
Set to Default	—	—	—	Yes	Restore the wireless network settings to factory setting.			
				No				
WLAN Enable	—	—	—	On	Enable or disable the wireless LAN manually.			
				Off*				
Wi-Fi Direct ♣	Push Button	—	—	—	—	You can easily configure your Wi-Fi Direct™ network settings using the one-button push method.		

+ See Network User's Guide.

♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at <http://solutions.brother.com/>.

● Visit the Brother Solutions Center to download the Web Connect Guide at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions		
Network † (continued)	Wi-Fi Direct ♣ (continued)	PIN Code	—	—	—	—	You can easily configure your Wi-Fi Direct™ network settings using WPS with a PIN code.	
		Manual	—	—	—	—	You can manually configure your Wi-Fi Direct™ network settings.	
		Group Owner	—	—	—	On off*	Sets your machine as the Group Owner.	
		Device Information	Device Name	—	—	—	—	You can see the device name of your machine.
			SSID	—	—	—	—	Shows the SSID of the Group Owner. When the machine is not connected, Touchscreen shows Not Connected .
			IP Address	—	—	—	—	You can see the current IP Address of your machine.
		Status Information	Status	—	—	—	G/O Active(**) Client Active Not Connected Off Wired LAN Active ** = the number of devices	You can see the current Wi-Fi Direct™ network status.
			Signal	—	—	—	Strong Medium Weak None	You can see the current Wi-Fi Direct™ network signal strength. When your machine acts as the Group Owner, the Touchscreen always shows Strong .
		<p>† See Network User's Guide.</p> <p>♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at http://solutions.brother.com/.</p> <p>● Visit the Brother Solutions Center to download the Web Connect Guide at http://solutions.brother.com/.</p>						
		 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions	
Network + (continued)	Wi-Fi Direct ♣ (continued)	I/F Enable	—	—	On Off*	Enable or Disable the Wi-Fi Direct™ connection.	
		E-mail/IFAX (Available after IFAX is downloaded)	Mail Address	—	—	—	Enter the mail address (up to 60 characters).
	Setup Server		SMTP	SMTP Server	Name (Up to 64 characters) IP Address [000-255]. [000-255]. [000-255]. [000-255]	Enter the SMTP server address.	
					SMTP Port	25* [1-65535]	Enter the SMTP port number.
					Auth. for SMTP	None* SMTP-AUTH POP bef. SMTP	Select the Security method for E-mail notification.
					SMTP SSL/TLS	None* SSL TLS	Send or receive an E-mail via an E-mail server that requires secure SSL/TLS communication.
					Verify SMTPCert.	On Off*	Verify the SMTP Server Certificate automatically.
	POP3		POP3 Server	Name (Up to 64 characters) IP Address [000-255]. [000-255]. [000-255]. [000-255]	Enter the POP3 server address.		
				POP3 Port	110* [1-65535]	Enter the POP3 port number.	
				Mailbox Name	—	Enter the mail box name (up 60 characters).	

+ See Network User's Guide.

♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at <http://solutions.brother.com/>.

● Visit the Brother Solutions Center to download the Web Connect Guide at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions
Network † (continued)	E-mail/IFAX (Available after IFAX is downloaded) (continued)	Setup Server (continued)	POP3 (continued)	Mailbox Password	—	Enter the password to log in to the POP3 server (up 32 characters).
				POP3 SSL/TLS	None* SSL TLS	You can send or receive an E-mail via an E-mail server that requires secure SSL/TLS communication.
				Verify POP3Cert.	On Off*	Verify the POP3 Server Certificate automatically.
				APOP	On Off*	Enable or disable APOP.
		Setup Mail RX	Auto Polling	Auto Polling	On* Off	Automatically checks the POP3 server for new messages.
					Poll Frequency (When Auto Polling is set to On.)	1Min 3Mins 5Mins 10Mins* 30Mins 60Mins
			Header	—	All Subject+From+To None*	Select the contents of the mail header to be printed.
			Delete Error Mail	—	On* Off	Delete error mails automatically.
			Notification	—	On MDN off*	Receive notification messages.
			Setup Mail TX	Sender Subject	—	—
		Size Limit		—	On off*	Limits the size of E-mail documents.

† See Network User's Guide.

♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at <http://solutions.brother.com/>.

● Visit the Brother Solutions Center to download the Web Connect Guide at <http://solutions.brother.com/>.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Level 5	Options	Descriptions
Network † (continued)	E-mail/IFAX (Available after IFAX is downloaded) (continued)	Setup Mail TX (continued)	Notification	—	On Off*	Sends notification messages.
		Setup Relay	Relay Broadcast	—	On Off*	Relays a document to another fax machine.
			Relay Domain	—	—	Registers the Domain name.
			Relay Report	—	On Off*	Prints the Relay Broadcast Report.
		Manual POP3 Receive	—	—	—	Manually checks the POP3 server for new messages.
	Web Connect Settings ●	Proxy Settings	Proxy Connection	—	On Off*	You can change the Web connection settings.
			Address	—	—	
			Port	—	8080*	
			User Name	—	—	
			Password	—	—	
	Fax to Server (Available after IFAX is downloaded)	Fax to Server	—	—	On Off*	You can store a prefix/suffix address in the machine and can send a document from a fax server system.
		Prefix	—	—	—	
		Suffix	—	—	—	
	Network Reset	—	—	—	Yes No	Restore all network settings to the factory settings.
	† See Network User's Guide. ♣ Visit the Brother Solutions Center to download the Wi-Fi Direct™ Guide at http://solutions.brother.com/ . ● Visit the Brother Solutions Center to download the Web Connect Guide at http://solutions.brother.com/ .					
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page
Print Reports	Transmission	View on LCD	—	—	View the Transmission Verification Report for your last 200 outgoing faxes and print the last report.	See ◆.
		Print Report	—	—		
	Address Book	—	—	—	Lists names and numbers stored in the Address Book.	
	Fax Journal	—	—	—	Lists information about your last 200 incoming and outgoing faxes. (TX means Transmit. RX means Receive.)	
	User Settings	—	—	—	Lists your settings.	
	Network Configuration	—	—	—	Lists your Network settings.	
	Drum Dot Print	—	—	—	Prints the Drum Dot Check Sheet.	
	WLAN Report	—	—	—	Prints the result of wireless LAN connectivity diagnosis.	See ‡.
Caller ID History	—	—	—	Prints the caller Id list of incoming calls and faxes.	See ◆.	
◆ See Advanced User's Guide.						
‡ See Quick Setup Guide.						
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page	
Machine Info.	Serial No.	—	—	—	Check the serial number of your machine.	140	
	Firmware Version	Main Version	—	—	—	Check the firmware version of your machine.	140
		Sub1 Version	—	—			
		Sub2 Version	—	—			
	Page Counter	Total	—	—	Color Black and White	Check the number of total color or black & white pages the machine has printed during its life.	See ◆.
		Fax/List	—	—	Color Black and White		
		Copy	—	—	Color Black and White		
		Print	—	—	Color Black and White		
	Parts Life	Drum Black(BK)	—	—	—	Check the percentage of a machine part's life that remains available.	
		Drum Cyan(C)	—	—	—		
		Drum Magenta(M)	—	—	—		
		Drum Yellow(Y)	—	—	—		
		Belt Unit	—	—	—		
		Fuser	—	—	—		
PF kit		—	—	—			
◆ See Advanced User's Guide.							
 The factory settings are shown in Bold with an asterisk.							

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page
Initial Setup	Date & Time	Date	—	—	Put the date and time on the Touchscreen and in the headings of faxes you send.	See ‡.
		Time	—	—		
		Auto Daylight	—	On Off*	Changes for Daylight Saving Time automatically.	See ◆.
		Time Zone	—	UTCXXX:XX	Sets the time zone for your country.	See ‡.
	Station ID	—	—	Fax Tel Name	Set up your name and fax number to appear on each page you fax.	
	Dial Tone	—	—	Detection No Detection*	You can shorten the dial tone detect pause.	129
	Dial Prefix	—	—	On Off*	Sets a prefix number that will always be added before the fax number every time you dial.	See ◆.
	Compatibility	—	—	High* Normal Basic(for VoIP)	Adjusts the equalization for transmission difficulties. VoIP service providers offer fax support using various standards. If you regularly experience fax transmission errors, choose Basic(for VoIP).	129
	Reset	Network	—	Yes No	Restores all network settings to the factory settings.	141
		Address Book & Fax	—	Yes No	Restores all stored phone numbers and fax settings.	
All Settings		—	Yes No	Restores all the machine settings to the factory settings.		
◆ See Advanced User's Guide.						
‡ See Quick Setup Guide.						
 The factory settings are shown in Bold with an asterisk.						

Features Tables



Fax (When Fax Preview is Off)

Level 1	Level 2	Level 3	Options	Descriptions	See Page
Redial (Pause)	—	—	—	Redial the last number called. When you are entering a fax or telephone number on the Touchpanel, Redial changes to Pause on the Touchscreen. Press Pause when you need a delay while dialing numbers, such as access codes and credit card numbers. You can also store a pause when you set up addresses.	—
Hook	—	—	—	Press before dialing when you want to listen to make sure a fax machine has answered, and then press Fax Start.	—
Address Book	 (Search)	—	—	Search within the Address Book.	53
	Edit	—	Add New Address	Store Address Book numbers, so you can dial by pressing Address Book on the Touchscreen (and Fax Start).	54
			Setup Groups	Set up Group numbers for Broadcasting.	See  .
			Change	Change Address Book numbers.	55 and
	—	Apply	—	Delete Address Book numbers.	see  .
—	—	—	—	Start sending a fax using the address book.	—

◆ See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

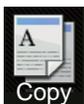
Level 1	Level 2	Level 3	Options	Descriptions	See Page
Call History	Outgoing Call	Edit	Add to Address Book Delete	Choose a number from the Outgoing Call history and then send a fax to it, add it to Address Book, or delete it.	See ◆ .
		Apply	—		
	Caller ID history	Edit	Add to Address Book Delete	Choose a number from the Caller ID history and then add it to Address Book, or delete it.	
Fax Start	—	—	—	Send a fax.	—
Options	Fax Resolution	—	Standard* Fine S.Fine Photo	Set the resolution for outgoing faxes.	See ◆ .
	Contrast	—	Auto* Light Dark	Change the lightness or darkness of faxes you send.	
	Broadcasting	Add Number	Add Number	Send the same fax message to more than one fax number.	
			Add from Address book		
			Search in Address book		
	Delayed Fax	Delayed Fax	On Off*	Set the time of day that delayed faxes will be sent.	
		Set Time	—		
Real Time TX	—	On Off*	Send a fax without using the memory.		
Polled TX	—	On Off*	Set up your machine with a document to be retrieved by another fax machine.		
◆ See Advanced User's Guide.					
 The factory settings are shown in Bold with an asterisk.					

Level 1	Level 2	Level 3	Options	Descriptions	See Page
Options (continued)	Coverpage Setup	Coverpage Setup	On Off*	Automatically send a cover page you programmed.	See ◆ .
		Coverpage Message	1.Comment Off 2.Please Call 3.Urgent 4.Confidential 5. 6.		
		Total Pages	—		
	Polling RX	—	On Off*	Set up your machine to poll another fax machine.	
	Overseas Mode	—	On Off*	If you are having difficulty sending faxes overseas, set this to On.	
	Glass Scan Size	—	Letter A4*	To fax a Letter size document, you must change the Glass Scan Size setting.	37
Set New Default	—	Yes No	Save your fax settings as the default settings.	See ◆ .	
Factory Reset	—	Yes No	Restore all the fax settings you changed back to the factory settings.		
Save as Shortcut	—	—	—	Register the current settings as a shortcut.	
◆ See Advanced User's Guide.					
 The factory settings are shown in Bold with an asterisk.					



Fax (When Fax Preview is On)

Level 1	Level 2	Level 3	Options	Descriptions	See Page
Sending Fax(es)	See <i>Fax (When Fax Preview is Off)</i> on page 164.				
Received Faxes	Print/Delete	Print All:New Fax(es)	—	Print the new received faxes.	45
		Print All(Old Faxes)	—	Print the old received faxes.	
		Delete All:New Fax(es)	—	Delete the new received faxes.	45
		Delete All(Old Faxes)	—	Delete the old received faxes.	
Address Book	See <i>Fax (When Fax Preview is Off)</i> on page 164.				
Call History	See <i>Fax (When Fax Preview is Off)</i> on page 164.				
◆ See Advanced User's Guide.					
 The factory settings are shown in Bold with an asterisk.					



Copy

Level 1	Level 2	Level 3	Options 1	Options 2	Descriptions	See Page
Black Start	—	—	—	—	Make a black & white or gray scale copy.	—
Color Start	—	—	—	—	Make a color copy.	—
Receipt Normal 2in1 (ID) 2in1 2-sided(1⇒2) Paper Save	—	—	—	—	Choose the desired settings from the preset items.	56
Options	Quality	—	Auto* Text Photo Receipt	—	Choose the Copy resolution for your type of document.	See ◆ .
	Enlarge/Reduce	—	100%*	—	—	
			Enlarge	200% 141% A5⇒A4 104% EXE⇒LTR	Choose an enlargement ratio for the next copy.	
			Reduce	97% LTR⇒A4 94% A4⇒LTR 91% Full Page 85% LTR⇒EXE 83% LGL⇒A4 78% LGL⇒LTR 70% A4⇒A5 50%	Choose a reduction ratio for the next copy.	
Custom(25-400%)	—	Enter an enlargement or reduction ratio.				
Density	—		—	Adjust the Density for copies.		

◆ See Advanced User's Guide.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Options 1	Options 2	Descriptions	See Page	
Options (continued)	Contrast	—		—	Adjust the contrast for copies.	See .	
	Stack/Sort	—	Stack* Sort	—	Choose to stack or sort multiple copies.		
	Page Layout	—	Off(1in1)* 2in1(P) 2in1(L) 2in1(ID) 4in1(P) 4in1(L)	—	Make N in 1 and 2 in 1 ID copies.		
	Color Adjust	Red	—		—	Adjust the red color for copies.	
		Green	—		—	Adjust the green color for copies.	
		Blue	—		—	Adjust the blue color for copies.	
	2-sided Copy	—	Off* 1-sided⇒2-sided Long Edge Flip 1-sided⇒2-sided Short Edge Flip	—	Enable or disable 2-sided copying and choose long edge or short edge.		
<p> See Advanced User's Guide.</p>							
<p> The factory settings are shown in Bold with an asterisk.</p>							

Level 1	Level 2	Level 3	Options 1	Options 2	Descriptions	See Page
Options (continued)	Advanced Settings	—	Off*	—	Change the amount of background color that is removed.	See ◆.
			Remove Background Color	Low Medium* High		
	Save as Shortcut	—	—	—	Add the current settings as a shortcut.	
◆ See Advanced User's Guide.						
 The factory settings are shown in Bold with an asterisk.						



Scan

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page	
to OCR	(PC Select)	Options	See <i>Options (to OCR)</i> on page 173.			See <input type="checkbox"/> .	
		Save as Shortcut	—	—	Add the current settings as a shortcut.		
		Start	—	—	Start scanning.		
to File	(PC Select)	Options	See <i>Options (to File, to Image and to E-mail)</i> on page 174.				
		Save as Shortcut	—	—	Add the current settings as a shortcut.		
		Start	—	—	Start scanning.		
to Image	(PC Select)	Options	See <i>Options (to File, to Image and to E-mail)</i> on page 174.				
		Save as Shortcut	—	—	Add the current settings as a shortcut.		
		Start	—	—	Start scanning.		
to USB	Options	See <i>Options (to USB)</i> on page 175.					
	Save as Shortcut	—	—	—		Add the current settings as a shortcut.	
	Start	—	—	—		Start scanning.	
to E-mail	(PC Select)	Options	See <i>Options (to File, to Image and to E-mail)</i> on page 174.				
		Save as Shortcut	—	—	Add the current settings as a shortcut.		
		Start	—	—	Start scanning.		
to E-mail Server (Download only)	Address Book	—	—	—	Choose the address of the recipient from the address book.		
	Manual	—	—	—	Manually enter the address of the recipient.		
	OK	Options	See <i>Options (to E-mail Server)</i> on page 177.				
		Save as Shortcut	—	—	—		Add the current settings as a shortcut.
		Start	—	—	—		Start scanning.

See Software User's Guide.



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	See Page
to FTP	(Profile name)	Options	See <i>Options (to FTP and to Network)</i> on page 179.		Add the current settings as a shortcut.	See <input type="checkbox"/> .
		Save as Shortcut	—	—		
		Start	—	—		
to Network	(Profile name)	Options	See <i>Options (to FTP and to Network)</i> on page 179.		Add the current settings as a shortcut.	
		Save as Shortcut	—	—		
		Start	—	—		
WS Scan (Appears when you install a Web Services Scanner, which is displayed in your computer's Network explorer.)	Scan	—	—	—	Scan data using Web Service protocol.	
	Scan for E-mail	—	—	—		
	Scan for Fax	—	—	—		
	Scan for Print	—	—	—		
<input type="checkbox"/> See Software User's Guide.						
 The factory settings are shown in Bold with an asterisk.						

Options (to OCR)

Level 1	Level 2	Options	Descriptions	See Page
Options	Set with Touch Panel	Off(Set with Computer)* On	To change settings using the Touchscreen, choose On.	See <input type="checkbox"/> .
	Scan Type	Color Gray Black and White*	Choose the scan type for your document.	
	Resolution	100 dpi 200 dpi* 300 dpi 600 dpi	Choose the scan resolution for your document.	
	File Type	Text* HTML RTF	Choose the file format for your document	
	Scan Size	A4* Letter Legal	Choose the scan size for your document.	
<input type="checkbox"/> See Software User's Guide.				
 The factory settings are shown in Bold with an asterisk.				

Options (to File, to Image and to E-mail)

Level 1	Level 2	Options	Descriptions	See Page
Options	Set with Touch Panel	Off (Set with Computer)* On	To change settings using the Touchscreen, choose On.	See <input type="checkbox"/> .
	Scan Type	Color * Gray Black and White	Choose the scan type for your document.	
	Resolution	100 dpi 200 dpi * 300 dpi 600 dpi	Choose the scan resolution for your document.	
	File Type	(When you select Color or Gray in Scan Type) PDF * JPEG (When you select Black and White in Scan Type) PDF * TIFF	Choose the file format for your document.	
	Scan Size	A4 * Letter Legal	Choose the scan size for your document.	
	Remove Background Color	Off * Low Medium High	Change the amount of background color that is removed. This function is not available for Black and White scanning.	
<input type="checkbox"/> See Software User's Guide.				
 The factory settings are shown in Bold with an asterisk.				

Options (to USB)

Level 1	Level 2	Options	Descriptions	See Page
Options	Scan Type	Color* Gray Black and White	Choose the scan type for your document.	See <input type="checkbox"/> .
	Resolution	(When you select Color in Scan Type) 100 dpi 200 dpi* 300 dpi 600 dpi Auto (When you select Gray in Scan Type) 100 dpi 200 dpi* 300 dpi Auto (When you select Black and White in Scan Type) 200 dpi* 300 dpi 200x100	Choose the scan resolution for your document.	
<input type="checkbox"/> See Software User's Guide.				
 The factory settings are shown in Bold with an asterisk.				

Level 1	Level 2	Options	Descriptions	See Page
Options (continued)	File Type	(When you select Color or Gray in Scan Type) PDF* JPEG PDF/A Secure PDF Signed PDF XPS (When you select Black and White in Scan Type) PDF* PDF/A Secure PDF Signed PDF TIFF	Choose the file format for your document.	See <input type="checkbox"/> .
	Glass Scan Size	A4* Letter	To scan a Letter sized document, you must change the Glass Scan Size setting.	
	File Name	—	Enter a file name for the scanned data.	
	File Size	Small Medium* Large	Choose the file size for color or gray scale scanning.	
	Remove Background Color	Off* Low Medium High	Change the amount of background color that is removed.	
	Set New Default	Yes No	Save your scan settings as the default settings.	
	Factory Reset	Yes No	Restore all the scan settings you changed back to the factory settings.	
<input type="checkbox"/> See Software User's Guide.				
 The factory settings are shown in Bold with an asterisk.				

Options (to E-mail Server)

Level 1	Level 2	Options	Descriptions	See Page
Options	Scan Type	Color* Gray Black and White	Choose the scan type for your document.	See <input type="checkbox"/> .
	Resolution	(When you select Color in Scan Type) 100 dpi 200 dpi* 300 dpi 600 dpi Auto (When you select Gray in Scan Type) 100 dpi 200 dpi* 300 dpi Auto (When you select Black and White in Scan Type) 200 dpi* 300 dpi 200x100	Choose the scan resolution for your document.	
<input type="checkbox"/> See Software User's Guide.				
 The factory settings are shown in Bold with an asterisk.				

Level 1	Level 2	Options	Descriptions	See Page
Options (continued)	File Type	(When you select Color or Gray in Scan Type) PDF* JPEG PDF/A Secure PDF Signed PDF XPS (When you select Black and White in Scan Type) PDF* PDF/A Secure PDF Signed PDF TIFF	Choose the file format for your document.	See <input type="checkbox"/> .
	Glass Scan Size	A4* Letter	To scan a Letter sized document, you must change the Glass Scan Size setting.	
	File Size	Small Medium* Large	Choose the file size for color or gray scale scanning.	
	Set New Default	Yes No	Save your scan settings as the default settings.	
	Factory Reset	Yes No	Restore all the scan settings you changed back to the factory settings.	

See Software User's Guide.



The factory settings are shown in Bold with an asterisk.

Options (to FTP and to Network)

Level 1	Level 2	Options	Descriptions	See Page
Options	Scan Type	Color* Gray Black and White	Choose the scan type for your document.	See <input type="checkbox"/> .
	Resolution	(When you select Color in Scan Type) 100 dpi 200 dpi* 300 dpi 600 dpi Auto (When you select Gray in Scan Type) 100 dpi 200 dpi* 300 dpi Auto (When you select Black and White in Scan Type) 200 dpi* 300 dpi 200x100	Choose the scan resolution and file format for your document.	
<input type="checkbox"/> See Software User's Guide.				
 The factory settings are shown in Bold with an asterisk.				

Level 1	Level 2	Options	Descriptions	See Page
Options (continued)	File Type	(When you select Color or Gray in Scan Type) PDF* JPEG PDF/A Secure PDF Signed PDF XPS (When you select Black and White in Scan Type) PDF* PDF/A Secure PDF Signed PDF TIFF	Choose the scan resolution and file format for your document.	See <input type="checkbox"/> .
	Glass Scan Size	A4* Letter	To scan a Letter sized document, you must change the Glass Scan Size setting.	
	File Name	BRNXXXXXXXXXX* Estimate Report Order sheet Contract sheet Check Receipt <Manual>	Choose preset file names. If you choose <Manual>, you can name the file as you like.	
	File Size	Small Medium* Large	Choose the file size for color or gray scale scanning.	
	Remove Background Color	Off* Low Medium High	Change the amount of background color that is removed.	
	User Name	—	Enter the user name.	
<input type="checkbox"/> See Software User's Guide.				
 The factory settings are shown in Bold with an asterisk.				

Direct Print

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
Direct Print	(Select File)	Print Settings (No. of Prints (001-999))	Paper Type	Thin Plain Paper* Thick Thicker Recycled Paper Glossy	Set the print media type when printing directly from the USB flash memory drive.	59
			Paper Size	A4* Letter Legal EXE A5 A5 L A6 B5 Folio	Set the paper size when printing directly from the USB flash memory drive.	59
			Multiple Page	1in1* 2in1 4in1 9in1 16in1 25in1 1 in 2x2 pages 1 in 3x3 pages 1 in 4x4 pages 1 in 5x5 pages	Set the page layout when printing multiple pages directly from the USB Flash memory drive.	59
			Orientation	Portrait* Landscape	Set the page orientation when printing directly from the USB Flash memory drive.	59
			2-sided	Off* Long Edge Short Edge	Choose the 2-sided print format when printing directly from the USB Flash memory drive.	59
 The factory settings are shown in Bold with an asterisk.						

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
Direct Print (continued)	(Select File)	Print Settings (No. of Prints (001-999)) (continued)	Collate	On* Off	Enable or disable page collation when printing directly from the USB Flash memory drive.	59
			Print Quality	Normal* Fine	Set the print quality option when printing directly from the USB Flash memory drive.	59
			PDF Option	Document* Document&Markup Document&Stamps	Set the USB direct print setting whether to print comments (Markup) or stamps in the PDF file along with the text.	59
Index Print	—	—	—	—	Print a thumbnail page.	59
Default Settings	Paper Type	—	—	Thin Plain Paper* Thick Thicker Recycled Paper Glossy	Set the default media type when printing directly from the USB flash memory drive.	61
	Paper Size	—	—	A4* Letter Legal EXE A5 A5 L A6 B5 Folio	Set the default paper size when printing directly from the USB flash memory drive.	61
	Multiple Page	—	—	1in1* 2in1 4in1 9in1 16in1 25in1 1 in 2x2 pages 1 in 3x3 pages 1 in 4x4 pages 1 in 5x5 pages	Set the default page style when printing multiple pages directly from the USB Flash memory drive.	61



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
Default Settings (continued)	Orientation	—	—	Portrait* Landscape	Set the default page orientation when printing directly from the USB Flash memory drive.	61
	Collate	—	—	On* Off	Enable or disable the default page collation when printing directly from the USB Flash memory drive.	61
	Print Quality	—	—	Normal* Fine	Set the default print quality option when printing directly from the USB Flash memory drive.	61
	PDF Option	—	—	Document* Document&Markup Document&Stamps	Set the default USB direct print setting to print comments (Markup) or stamps in the PDF file along with the text.	61
	Index Print	—	—	Simple* Details	Set the default index print option to simple format or details.	61
 The factory settings are shown in Bold with an asterisk.						



Toner

Level 1	Level 2	Level 3	Options	Descriptions	See Page
	Toner Life	—	—	View the approximate remaining toner life for each color.	See ◆ .
	Test Print	—	—	Print the Test Print page.	
	Calibration	Calibrate	Yes	Adjust the color density or returns the color calibration to the factory settings.	
			No		
	Auto Regist.	—	Yes	Adjust the print position of each color automatically.	
No					
◆ See Software User's Guide.					
 The factory settings are shown in Bold with an asterisk.					



Wi-Fi Setup

NOTE

After Wi-Fi is set up, you cannot change the settings from your Home screen. Change the settings for Wi-Fi in the Settings screen.

Level 1	Level 2	Level 3	Options	Descriptions	See Page
	Setup Wizard	—	—	Configure your internal print server.	See ‡ .
	Setup with PC	—	—	Configure the Wi-Fi settings using a computer.	
	WPS/AOSS	—	—	Easily configure your wireless network settings using the one-button push method.	
	WPS w/PIN Code	—	—	Easily configure your wireless network settings using WPS with a PIN code.	
‡ See Software User's Guide.					
 The factory settings are shown in Bold with an asterisk.					

Web (More screen)

Level 1	Level 2	Level 3	Options	Descriptions	Page
Web	Picasa Web Albums™	—	—	Connect the Brother machine to an Internet service.	See ●.
	Google Drive™	—	—		
	Flickr®	—	—		
	Facebook	—	—		
	Evernote	—	—		
	Dropbox	—	—		
● Visit the Brother Solutions Center to download the Web Connect Guide at http://solutions.brother.com/ .					
 The factory settings are shown in Bold with an asterisk.					

Shortcut

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page	
Add Shortcut	Copy	Receipt	—	See <i>Options</i> on page 168.	Choose the desired settings from the preset items.	15	
		Normal	—				
		2in1 (ID)	—				
		2in1	—				
		2-sided(1→2)	—				
		Paper Save	—				
	Fax (Options)	Fax Resolution	—	Standard Fine S.Fine Photo	Set the resolution for outgoing faxes.	15	
		Contrast	—	Auto Light Dark	Change the lightness or darkness of faxes you send.	15	
		Broadcasting	—	Add Number (Options) Add Number Add from Address book Search in Address book	Send the same fax message to more than one fax number.	15	
		Real Time TX	—	On Off	Send a fax without using the memory.	15	
		Coverpage Setup	Coverpage Setup	On Off	1.Comment Off 2.Please Call 3.Urgent 4.Confidential 5. 6.	Automatically send a cover page you programmed.	15
			Coverpage Message	—			
			Total Pages	—			
		Overseas Mode	—	On Off	If you are having difficulty sending faxes overseas, set this to On.	15	
Glass Scan Size	—	Letter A4	Adjust the scan area of the scanner glass to the size of the document.	15			



The factory settings are shown in Bold with an asterisk.

Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
Add Shortcut (continued)	Scan	to File	—	PC Select	Scan a black & white or a color document into your computer.	16
		to OCR	—	PC Select	Convert your text document to an editable text file.	16
		to Image	—	PC Select	Scan a color picture into your graphics application.	16
		to USB	—	Scan Type Resolution File Type Glass Scan Size File Name File Size Remove Background Color	Scan documents into a USB Flash memory drive.	16
		to E-mail	—	PC Select	Scan a black & white or a color document into your E-mail application.	16
		to E-mail Server	—	Address Scan Type Resolution File Type Glass Scan Size File Size	Scan a black & white or a color document into your E-mail Server.	16
		to Network	—	Profile Name	Send scanned data to a CIFS server on your local network or on the Internet.	16
		to FTP	—	Profile Name	Send scanned data via FTP.	16
	Web	Picasa Web Albums™	—	—	Visit the Brother Solutions Center to download the Web Connect Guide at http://solutions.brother.com/ .	18
		Google Drive™	—	—		
		Flickr®	—	—		
		Facebook	—	—		
		Evernote	—	—		
Dropbox	—	—	—			



The factory settings are shown in Bold with an asterisk.

Entering text

When you must enter text into the machine the keyboard will appear on the Touchscreen.

Press  to cycle among letters, numbers and special characters.

Press  to cycle between upper and lower case letters.



Inserting spaces

To enter a space, press `Space` or `►`.

Making corrections

If you entered an incorrect character and want to change it, use the arrow buttons to move the cursor under the incorrect character. Press , and then enter the correct character. You can also insert letters by moving the cursor and entering a character.

If the screen does not show `◀`, press  repeatedly until you have erased the incorrect character. Enter the correct characters.

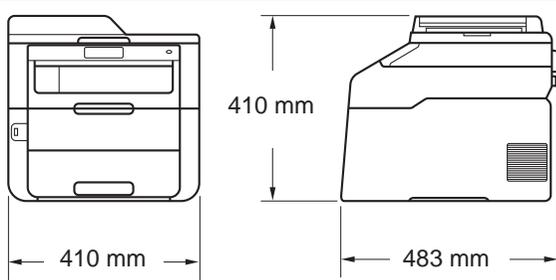
NOTE

- The characters available may differ depending on your country.
 - The keyboard layout may differ depending on the function you are setting.
-

General

NOTE

This chapter provides a summary of the machines' specifications. For additional specifications visit us at <http://www.brother.com/>.

Model	MFC-9330CDW	
Printer Type	LED	
Print Method	Electrophotographic LED Printer	
Memory Capacity	192 MB	
LCD (liquid crystal display)	3.7 in. (93.4 mm) TFT Color Touchscreen LCD ¹ and Touchpanel	
Power Source	110 - 120 V AC 50/60 Hz	
Power Consumption ² (Average)	Peak	Approx. 1188 W
	Printing	Approx. 380 W at 25 °C
	Copying	Approx. 380 W at 25 °C
	Ready	Approx. 70 W at 25 °C
	Sleep	Approx. 7.5 W
	Deep Sleep	Approx. 1.8 W
	Power Off ^{3 4}	Approx. 0.03 W
Dimensions		
Weights (with consumables)	23.2 kg	

¹ Measured diagonally

² USB connections to PC

³ Measured according to IEC 62301 Edition 2.0

⁴ Power consumption varies slightly depending on the usage environment or part wear.

Model		MFC-9330CDW	
Noise Level	Sound Pressure	Printing	LPAM = 53.0 dB (A)
		Ready	LPAM = 33 dB (A)
	Sound Power	Printing (Color)	LWAd = 6.39 B (A)
		Printing (Black & White)	LWAd = 6.42 B (A)
		Ready	LWAd = 4.44 B (A)
Temperature		Operating	10 to 32.5 °C
		Storage	0 to 40 °C
Humidity		Operating	20 to 80% (without condensation)
		Storage	10 to 90% (without condensation)
ADF (automatic document feeder)		Up to 35 pages For best results we recommend: Temperature: 20 to 30 °C Humidity: 50% to 70% Paper: 80 g/m ²	

Document Size

Model		MFC-9330CDW
Document Size (1-sided)	ADF Width	147.3 to 215.9 mm
	ADF Length	147.3 to 355.6 mm
	Scanner Glass Width	Max. 215.9 mm
	Scanner Glass Length	Max. 300.0 mm

Print media

Model		MFC-9330CDW	
Paper Input	Paper Tray	Paper Type	Plain Paper, Thin Paper, Recycled Paper
		Paper Size	A4, Letter, B5 (JIS), A5, A5 (Long Edge), A6, Executive, Legal, Folio
		Paper Weight	60 to 105 g/m ²
		Maximum Paper Capacity	Up to 250 sheets of 80 g/m ² Plain Paper
	Manual Feed Slot	Paper Type	Plain Paper, Thin Paper, Thick Paper, Thicker Paper, Recycled Paper, Bond Paper, Label, Envelope, Env.Thin, Env.Thick, Glossy Paper
		Paper Size	Width: 76.2 to 215.9 mm Length: 116 to 355.6 mm
		Paper Weight	60 to 163 g/m ²
		Maximum Paper Capacity	One sheet at a time
Paper Output ¹	Face-Down Output Tray	Up to 100 sheets of 80 g/m ² Plain Paper (face-down delivery to the face-down output paper tray)	
	Face-Up Output Tray	One sheet (face-up delivery to the face-up output tray)	
2-sided	Automatic 2-sided Printing	Paper Type	Plain Paper, Thin Paper, Recycled Paper
		Paper Size	A4
		Paper Weight	60 to 105 g/m ²

¹ For labels, we recommend removing printed pages from the output paper tray immediately after they exit the machine to avoid the possibility of smudging.

Fax

Model		MFC-9330CDW
Compatibility		ITU-T Super Group 3
Coding System		MH/MR/MMR/JBIG
Modem Speed		33,600 bps (with Automatic Fallback)
2-sided Print Receiving		Yes
Scanning Width		Max. 208 mm
Printing Width		Max. 208 mm
Gray Scale		8 bit/256 levels
Resolution	Horizontal	8 dot/mm
	Vertical	Standard: 3.85 line/mm
		Fine: 7.7 line/mm
		Photo: 7.7 line/mm
	Superfine: 15.4 line/mm	
Address Book		200 names
Groups		Up to 20
Broadcasting		250 (200 Address Book/50 Manual Dial)
Automatic Redial		Yes, 1 time after 5 minutes
Memory Transmission		Up to 500 ¹ pages
Out of Paper Reception		Up to 500 ¹ pages

¹ 'Pages' refers to the 'ITU-T Test Chart #1' (a typical business letter, Standard resolution, JBIG code). Specifications and printed materials are subject to change without prior notice.

Copy

Model		MFC-9330CDW
Copy Width		Max. 210 mm
Multiple Copies		Stacks or Sorts up to 99 pages
Reduce/Enlarge		25% to 400% (in increments of 1%)
Resolution		Up to 600 × 600 dpi
First Copy Out Time ¹	Black & White	Less than 19 seconds at 23 °C / 115 V
	Color	Less than 22 seconds at 23 °C / 115 V

¹ From Ready mode and standard tray

Scanner

Model		MFC-9330CDW
Color / Black		Yes / Yes
TWAIN Compliant		Yes (Windows® XP / Windows Vista® / Windows® 7 / Windows® 8 Mac OS X v10.6.8 / 10.7.x / 10.8.x ¹)
WIA Compliant		Yes (Windows® XP / Windows Vista® / Windows® 7 / Windows® 8)
ICA Compliant		Yes (Mac OS X v10.6.8 / 10.7.x / 10.8.x)
Color Depth	Color	48 bit color processing (Input) 24 bit color processing (Output)
	Gray Scale	16 bit color processing (Input) 8 bit color processing (Output)
Resolution		Up to 19200 × 19200 dpi (interpolated) ² Up to 1200 × 2400 dpi (optical) ² (from Scanner Glass) Up to 1200 × 600 dpi (optical) ² (from ADF)
Scanning Width		Max. 210 mm

¹ For the latest driver updates for the version of OS X you are using, visit us at <http://solutions.brother.com/>.

² Maximum 1200 × 1200 dpi scanning with the WIA driver in Windows® XP, Windows Vista®, Windows® 7 and Windows® 8 (resolution up to 19200 × 19200 dpi can be selected by using the scanner utility)

Printer

Model		MFC-9330CDW
Automatic 2-sided Print		Yes
Emulations		PCL6, BR-Script3 (PostScript® 3™)
Resolution		600 dpi × 600 dpi
Print Speed (2-sided)	Black & White	Up to 7 sides/minute (Up to 3.5 sheets/minute) (A4 size) ¹
	Color	Up to 7 sides/minute (Up to 3.5 sheets/minute) (A4 size) ¹
Print Speed	Black & White	Up to 22 pages/minute (A4 size) ¹
	Color	Up to 22 pages/minute (A4 size) ¹
First Print Time ²	Black & White	Less than 16 seconds at 23 °C / 115 V
	Color	Less than 16 seconds at 23 °C / 115 V

¹ The print speed may vary depending on the type of document you print.

² From Ready mode and standard tray

Interfaces

Model	MFC-9330CDW
USB	Hi-Speed USB 2.0 ^{1 2} We recommend using a USB 2.0 cable (Type A/B) that is no more than 2.0 meters long.
Ethernet ³	10BASE-T / 100BASE-TX Use a straight-through Category 5 (or greater) twisted-pair cable.
Wireless LAN ³	IEEE 802.11b/g/n (Infrastructure mode/Ad-hoc mode) IEEE 802.11g/n (Wi-Fi Direct™)

¹ Your machine has a Hi-Speed USB 2.0 interface. The machine can also be connected to a computer that has a USB 1.1 interface.

² Third party USB ports are not supported.

³ For detailed network specifications, see *Network* on page 198 and *Network User's Guide*.

Network

NOTE

For more information about the Network specifications, see Network User's Guide.

Model		MFC-9330CDW
LAN		You can connect your machine to a network for Network Printing, Network Scanning, PC-Fax Send, PC-Fax Receive (Windows® only) and Remote Setup ¹ . Also included is Brother BRAdmin Light ^{2 3} Network Management software.
Protocols	IPv4	ARP, RARP, BOOTP, DHCP, APIPA(Auto IP), WINS/NetBIOS name resolution, DNS Resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, ICMP, Web Services (Print/Scan), SNTP Client
	IPv6	NDP, RA, DNS resolver, mDNS, LLMNR responder, LPR/LPD, Custom Raw Port/Port9100, POP3, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS server, TFTP client and server, SMTP Client, ICMPv6, SNTP Client, Web Service (Print/Scan)
Security Protocols	Wired	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (EAP-MD5, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos
	Wireless	APOP, POP before SMTP, SMTP-AUTH, SSL/TLS (IPPS, HTTPS, SMTP, POP), SNMP v3, 802.1x (LEAP, EAP-FAST, PEAP, EAP-TLS, EAP-TTLS), Kerberos
Wireless Network Security		WEP 64/128 bit, WPA-PSK (TKIP/AES), WPA2-PSK (AES)
Wireless Network Setup Support Utility	AOSS™	Yes
	WPS	Yes

¹ See *Computer requirements* on page 200.

² (For Windows® users) Brother BRAdmin Light is available on the CD-ROM provided with the machine.
(For Macintosh users) Brother BRAdmin Light is available as a download from <http://solutions.brother.com/>.

³ (For Windows® users) If you require more advanced machine management, use the latest Brother BRAdmin Professional utility version that is available as a download from <http://solutions.brother.com/>.

Direct Print feature

Model	MFC-9330CDW
Compatibility	PDF version 1.7 ¹ , JPEG, Exif + JPEG, PRN (created by Brother printer driver), TIFF (scanned by all Brother MFC or DCP models), XPS version 1.0
Interface	USB direct interface

¹ PDF data including a JBIG2 image file, a JPEG2000 image file or a transparency file is not supported.

Computer requirements

Computer Platform & Operating System Version		PC Interface			Processor	Hard Disk Space to install	
		USB ²	10/100Base-TX (Ethernet)	Wireless 802.11b/g/n		For Drivers	For Applications
Windows® Operating System	Windows® XP Home ^{1 4} Windows® XP Professional ^{1 4}	Printing PC-Fax ³ Scanning			32bit (x86) or 64bit (x64) processor	150 MB	310 MB
	Windows® XP Professional x64 Edition ^{1 4}				64bit (x64) processor		
	Windows Vista® ^{1 4}				32bit (x86) or 64bit (x64) processor	500 MB	500 MB
	Windows® 7 ^{1 4}					650 MB	1.2 GB
	Windows® 8 ^{1 4}						
	Windows Server® 2003	N/A	Printing		32bit (x86) or 64bit (x64) processor	50 MB	N/A
	Windows Server® 2003 x64 Edition				64bit (x64) processor		
	Windows Server® 2008				32bit (x86) or 64bit (x64) processor		
	Windows Server® 2008 R2				64bit (x64) processor		
	Windows Server® 2012						
Macintosh Operating System	Mac OS X v10.6.8	Printing			Intel® Processor	80 MB	400 MB
	OS X v10.7.x	PC-Fax (Send) ³					
	OS X v10.8.x	Scanning					

¹ For WIA, 1200 x 1200 resolution. Brother Scanner Utility enables enhancing up to 19200 x 19200 dpi.

² Third party USB ports are not supported.

³ PC-Fax supports black and white only.

⁴ Presto! PageManager on the CD-ROM supports Microsoft®, Windows® XP, Windows Vista®, Windows® 7 and Windows® 8.

For the latest driver updates, visit <http://solutions.brother.com/>.

All trademarks, brand and product names are the property of their respective companies.

Consumable items

Model			MFC-9330CDW	Order No.
Toner Cartridge	Inbox	Black	Approx. 1,000 pages A4 or Letter page ¹	—
		Cyan Magenta Yellow	Approx. 1,000 pages A4 or Letter page ¹	—
		Standard	Black	Approx. 2,500 pages A4 or Letter page ¹
	Standard	Cyan Magenta Yellow	Approx. 1,400 pages A4 or Letter page ¹	TN-261C TN-261M TN-261Y
		High Yield	Black	—
	High Yield		Cyan Magenta Yellow	Approx. 2,200 pages A4 or Letter page ¹
Drum Unit			Approx. 15,000 pages A4 or Letter page (1 page / job) ²	DR-261CL ³ DR-261CL-BK ⁴ DR-261CL-CMY ⁵
Belt Unit			Approx. 50,000 pages A4 or Letter page ⁶	BU-220CL
Waste Toner Box			Approx. 50,000 pages A4 or Letter page ⁶	WT-220CL

¹ Approx. cartridge yield is declared in accordance with ISO/IEC 19798.

² Drum life is approximate and may vary by type of use.

³ Contains 4 pc. Drum Set.

⁴ Contains 1 pc. Black Drum Unit.

⁵ Contains 1 pc. Color Drum Unit.

⁶ Approx. yield is based on A4 or Letter single-sided pages.

Brother numbers

IMPORTANT

For technical and operational help, you must call the country where you bought the machine. Calls must be made from within that country.

Register your product

Please complete the Brother Warranty Registration or, for your convenience and most efficient way to register your new product, register on-line at

<http://welcome.brother.com/tw-zh/support-downloads/register-products/warranty.html>

Frequently asked questions (FAQs)

The Brother Solutions Center is our one-stop resource for all your machine needs. You can download the latest drivers, software and utilities, read FAQs and troubleshooting tips to learn how to get the most from your Brother product.

<http://solutions.brother.com/>

You can check here for Brother driver updates.

Customer Service

Toll Free Number: 0800600211

Service Hour: 9am ~ 6pm, Monday to Friday (Except Public Holidays)

Service center locations

For service center in Taiwan, contact your local Brother Office. Address and telephone contact information for Taiwan office can be found at <http://www.brother.com/> by selecting Taiwan.

Internet Addresses

Brother Global Web Site: <http://www.brother.com/>

For Frequently Asked Questions (FAQs), Product Support and Technical Questions, and Driver Updates and Utilities: <http://solutions.brother.com/>

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