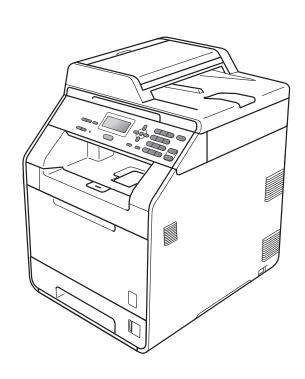


BASIC USER'S GUIDE



DCP-9055CDN

To create a better environment

Please cooperate

Firstly, thank you very much indeed for using our Brother products!

Brother focuses on the earth environment concerned. And make a basic policy which is to concern about the earth environment, including any workflow from product development to discard. The local citizen should be responsible for local society and its environment during these environment protection activities.

Therefore, we hope you'll take part in this environment plan, and pay attention to environment protection points as below while discarding used consumables.

- 1 Please deliver the used package materials to relevant waste disposaloffice for recycle.
- 2 When you discard used consumables, please follow and carry on relevant local regulations properly.
- When the machine need replacing parts for the maintenance and repair, please discard used circuit boards, used electrical parts and products as disposed electrical materials.
- 4 The power consumption is 0 W after you turn off the machine and unplug it from the AC outlet.
- 5 Some parts in the machine can be used on the same series model machines which produced by the same factory.

Note: If you want to replace the parts, please contact your local Brother repair station.

User's Guides and where do I find it?

Which manual?	What's in it?	Where is it?
Safety and Legal	Please read the Safety Instructions before you set up your machine.	Printed / In the box
Quick Setup Guide	Read this Guide first. 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 Chinese English: PDF file / Documentation CD-ROM / In the box
Basic User's Guide	Learn the basic Copy and Scan operations and how to replace consumables. See troubleshooting tips.	For Chinese: Printed / In the box For Chinese English: PDF file / Documentation CD-ROM / In the box
Advanced User's Guide	Learn more advanced operations: Copy, security features and performing routine maintenance.	PDF file / Documentation CD-ROM / In the box
Software User's Guide	Follow these instructions for Printing, Scanning, Network Scanning and using the Brother ControlCenter utility.	PDF file / Documentation CD-ROM / In the box
Network Glossary	This Guide provides basic information about advanced network features of Brother machines along with general networking and common terms.	PDF file / Documentation CD-ROM / In the box
Network User's Guide	This Guide provides useful information of wired network settings and security settings using Brother machine. You can also find supported protocol information for your machine and the detailed troubleshooting tips.	PDF file / Documentation CD-ROM / In the box

Table of Contents (BASIC USER'S GUIDE)

1	General information	1
	Using the documentation	1
	Symbols and conventions used in the documentation	1
	Accessing the Advanced User's Guide, Software User's Guide and	
	Network User's Guide	2
	Viewing Documentation	
	Accessing Brother Support (Windows®)	
	Accessing Brother Support (Macintosh)	4
	Control panel overview	
	Data LED indications	
	Volume settings	
	Beeper volume	9
2	Loading paper	10
	Loading paper and print media	10
	Loading paper in the standard paper tray	
	Loading paper in the multi-purpose tray (MP tray)	
	Scannable area	
	Unprintable area when printing from a computer	17
	Paper settings	
	Paper Type	
	Paper Size	
	Tray Use in copy mode	
	Tray Use in print mode	
	Acceptable paper and other print media	
	Recommended paper and print media	
	Type and size of paper	
	Handling and using special paper	21
3	Loading documents	24
	How to load documents	
	Using the automatic document feeder (ADF)	
	Using the scanner glass	25
4	Making copies	26
	How to copy	26
	Stop copying	
	Copy settings	
5	How to print from a computer	27
	Printing a document	27

6	How to scan to a computer	28
	Scanning a document as PDF file using ControlCenter4 (Windows®)	28
	Changing the SCAN key settings	31
	Before scanning	
	SCAN key settings	
	Scanning using the SCAN key	
Α	Routine maintenance	34
	Replacing the consumable items	34
	Replacing a Toner cartridge	
	Replacing the drum unit	
	Replacing the belt unit	
	Replacing the waste toner box	
	Cleaning and Checking the machine	
	Cleaning the outside of the machine	
	Cleaning the scanner glass	
	Cleaning the laser scanner windows	
	Cleaning the corona wires	66
	Cleaning the drum unit	
	Cleaning the paper pick-up rollers	75
	Calibration	76
	Auto Registration	77
	Manual Registration	77
	Frequency (Color Correction)	77
В	Troubleshooting	78
	Error and maintenance messages	78
	Document is jammed in the top of the ADF unit	
	Document is jammed under the document cover	
	Removing small documents jammed in the ADF	
	Document is jammed at the output tray	
	Paper is jammed in the MP tray	
	Paper is jammed in the Paper Tray 1 or Tray 2	85
	Paper is jammed at the back of the machine	
	Paper is jammed inside the machine	
	Paper is jammed underneath paper tray 1	91
	Troubleshooting	93
	If you are having difficulty with your machine	93
	Improving the print quality	
	Machine Information	104
	Checking the Serial Number	104
	Reset functions	
	How to reset the machine	104
С	Menu and features	105
	On-screen programming	
	How to access the menu mode	
	Menu table	
	Entering text	116

D	Specifications	118
	General	118
	Document Size	120
	Print media	
	Copy	123
	Scanner	124
	Printer	
	Interfaces	126
	Computer requirements	127
	Consumable items	
	Network (LAN)	130
E	Index	131

Table of Contents(ADVANCED USER'S GUIDE)

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

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

1 General setup

Memory storage Ecology features LCD Contrast User Settings List Network Configuration List

2 Security features

Secure Function Lock 2.0

3 Making copies

Copy settings Duplex (2-sided) copying

A Routine maintenance

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

B Options

Optional paper tray (LT-300CL) Memory board

C Glossary

D Index

1

General information

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.

Bold Bold style identifies keys on the

machine control panel or

computer screen.

Italicized style emphasizes an

important point or refers you to

a related topic.

Courier

New

Courier New font identifies the messages shown on the LCD

of the machine.

▲ WARNING

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

▲ CAUTION

<u>CAUTION</u> indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injuries.

IMPORTANT

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



Electrical Hazard icons alert you to a possible electrical shock.



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



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.

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 Copy, Printer, Scanner and Network. When you are ready to learn detailed information about these operations, read the Advanced User's Guide, Software User's Guide, Network Glossary and Network User's Guide that are on the Documentation CD-ROM.

Viewing Documentation

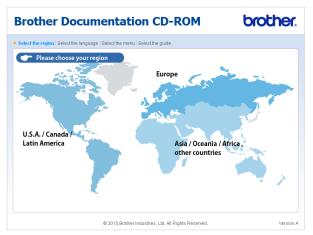
1 Turn on your computer. Insert the Documentation CD-ROM into your CD-ROM drive.



(Windows® users) If the screen does not appear automatically, go to **My Computer** (**Computer**), double-click the CD-ROM icon, and then double-click **index.html**.

(Macintosh users) Double-click the Documentation CD-ROM icon, and then double-click **index.html**.

3 Click your country.



Point to your language, point to View Guide, and then click the guide you want to read.







- (Windows[®] users only) Your web browser may display a yellow bar at the top of the page that contains a security warning about Active X controls. For the page to display correctly you must click on the bar, click Allow Blocked Content, then click Yes in the Security Warning dialog box.
- (Windows[®] users only) ¹ For faster access, you can copy all user documentation in PDF format to a local folder on your computer. Point to your language, then click Copy to local disk.
 - Microsoft[®] Internet Explorer[®] 6.0 or greater.

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



Presto! PageManager must be downloaded and installed before use.

Presto! PageManager User's Guide

Instructions for scanning directly from Presto! PageManager. 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 wired network. You can find basic setup instructions in the *Quick Setup Guide*. For more information about network setup please see the *Network User's Guide* on the Documentation CD-ROM.

Accessing Brother Support (Windows®)

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

■ Click **Brother Support** on the main menu. The following screen will appear:



- To access our website, click Brother Home Page.
- For the latest news and product support information, click
 Brother Solutions Center.
- To visit our website for original Brother Supplies, click **Supplies Information**.
- To access the Brother CreativeCenter for FREE photo projects and printable downloads, click
 - **Brother CreativeCenter.**
- To return to the main page, click **Back** or if you have 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 Installation CD-ROM.

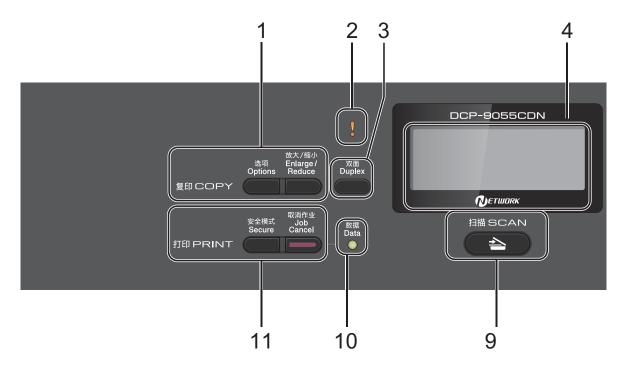
■ Double-click the **Brother Support** icon. The following screen will appear:



- To download and install Presto! PageManager, click Presto! PageManager.
- For the latest news and product support information, click

 Brother Solutions Center.
- To visit our website for original Brother Supplies, click **Supplies Information**.

Control panel overview



1 COPY keys:

Options

You can quickly and easily choose temporary settings for copying.

Enlarge/Reduce

Reduces or enlarges copies.

2 Error LED

Blinks in orange when the LCD displays an error or an important status message.

3 Duplex

You can choose Duplex to copy on both sides of the paper.

4 LCD

Displays messages to help you set up and use your machine.

5 Clear

Deletes entered data or lets you cancel the current setting.

Menu

Lets you access the Menu to program your settings in this machine.

OK

Lets you store your settings in the machine.

Selection keys:

∢ or ▶

Press to scroll backwards or forwards through menu selections.

▲ or **▼**

Press to scroll through the menus and options.

6 Numeric keys

Use these keys to enter text.

7 Stop/Exit

Stops an operation or exits from a menu.

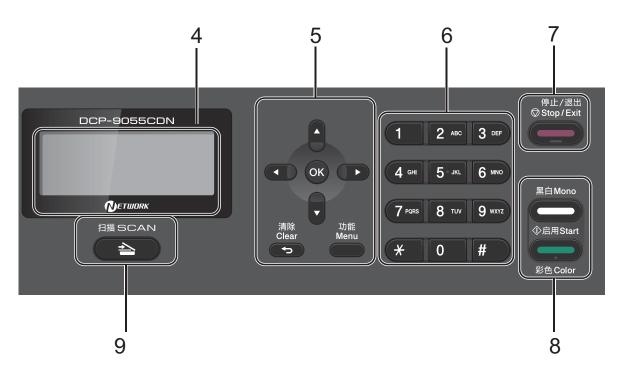
8 Start:

Color

Lets you start making copies in full color.

Mono

Lets you start making copies in black & white.



9 SCAN:



Puts the machine in Scan mode.

10 Data LED

The LED will flash depending on the machine status.

11 PRINT keys:

Secure

You can print data saved in the memory when you enter your four-digit password. (For details about using the Secure key, see the *Software User's Guide*.)

When using Secure Function Lock, you can switch restricted users by holding down ◀ as you press **Secure**. (See Secure Function Lock 2.0 in Chapter 2 of the Advanced User's Guide.)

Job Cancel

Cancels a programmed print job and clears it from the machine's memory. To cancel multiple print jobs, hold down this key until the LCD shows Job Cancel (All).

Data LED indications

The **Data** LED (light emitting diode) will flash depending on the machine's status.



LED	Machine Status	Description
0	Ready Mode	The machine is ready to print, in sleep mode, there is no print data, or the power switch is off.
	Receiving Data	The machine is either receiving data from the computer, processing data in memory, or printing data.
Green		
(blinking)		
Green	Data Remaining in Memory	Print data remains in the machine memory.

Volume settings

Beeper volume

When the beeper is on, the machine will beep when you press a key or make a mistake. You can choose a range of volume levels, from <code>High to Off</code>.

- 1 Press Menu, 1, 2.
- Press ▲ or ▼ to choose Off, Low, Med or High.
 Press OK.
- 3 Press Stop/Exit.

Loading paper

Loading paper and print media

The machine can feed paper from the standard paper tray, optional lower tray or multi-purpose tray.

When you put paper into the paper tray, note the following:

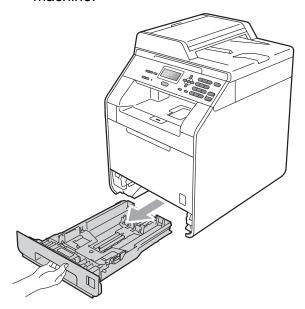
If your application software supports paper size selection on the print menu, you can select it through the software. If your application software does not support it, you can set the paper size in the printer driver or by using the control panel buttons.

Loading paper in the standard paper tray

You can load up to 250 sheets for Tray 1 (Standard paper tray) and 500 sheets for Tray 2 (Optional lower tray). Paper can be loaded up to the maximum paper mark (▼ ▼ ▼) on the sliding paper with guide. (For recommended paper to use, see *Paper capacity of the paper trays* on page 20.)

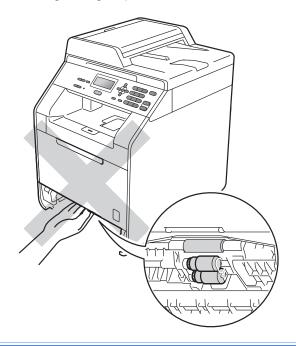
Printing on plain paper, thin paper or recycled paper from the standard paper tray

Pull the paper tray completely out of the machine.

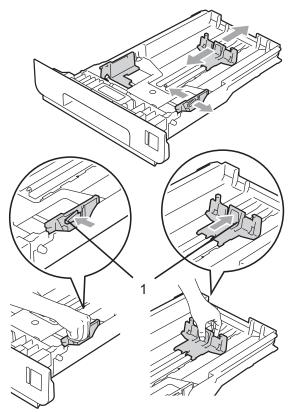


▲ WARNING

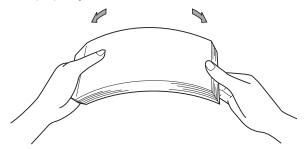
DO NOT touch the shaded parts shown in the illustration. These rollers may be rotating at high speed.



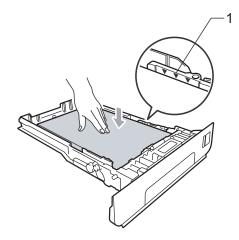
While pressing the green paper-guide release lever (1), slide the paper guides to fit the paper size you are loading in the tray. Make sure that the guides are firmly in the slots.



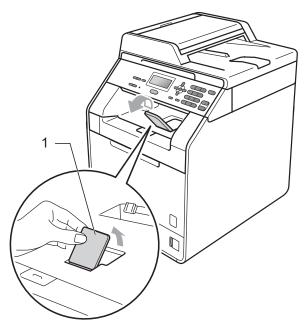
Fan the stack of paper well to avoid paper jams and misfeeds.



- 4 Put paper in the tray and make sure:
 - The paper is below the maximum paper mark (▼ ▼ ▼) (1).
 - Over filling the paper tray will cause paper jams.
 - The side to be printed on must be face down.
 - The paper guides touch the sides of the paper so it will feed properly.



- Dut the paper tray firmly back in the machine. Make sure that it 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.

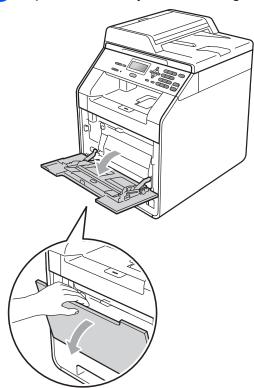


Loading paper in the multipurpose tray (MP tray)

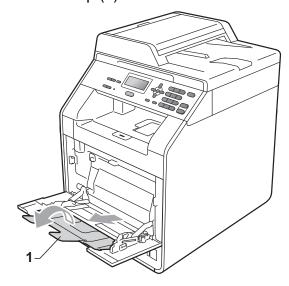
You can load up to 3 envelopes or special print media in the MP tray or up to 50 sheets of plain paper. Use this tray to print or copy on thick paper, bond paper, labels or envelopes. (For recommended paper to use, see *Paper capacity of the paper trays* on page 20.)

Printing on plain paper, bond paper, labels or glossy paper from the MP tray

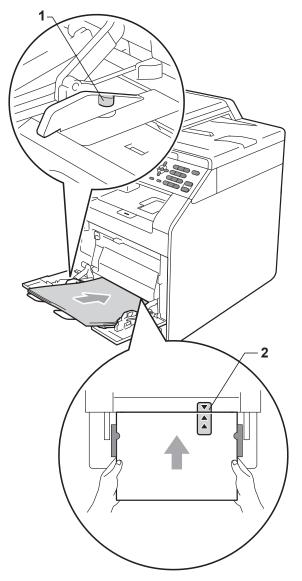
1 Open the MP tray and lower it gently.



Pull out the MP tray support and unfold the flap (1).



- 3 Put paper in the MP tray and make sure:
 - The paper stays under the maximum paper mark (1).
 - The paper edge is positioned between the arrows (2).
 - The side to be printed on must be face up with the leading edge (top of the paper) in first.





When you are using glossy paper, put only one sheet at a time in the MP tray to avoid a paper jam.

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

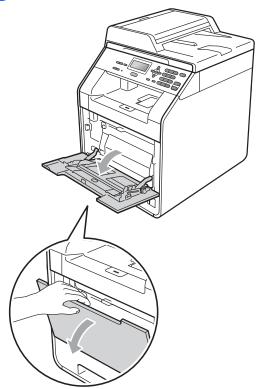


Printing on envelopes and thick paper from the MP tray

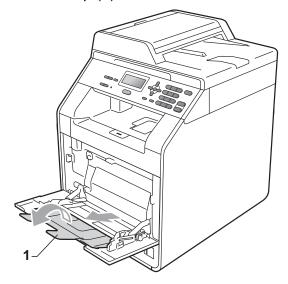
Before loading, press the corners and sides of the envelopes to make them as flat as possible.



Open the MP tray and lower it gently.



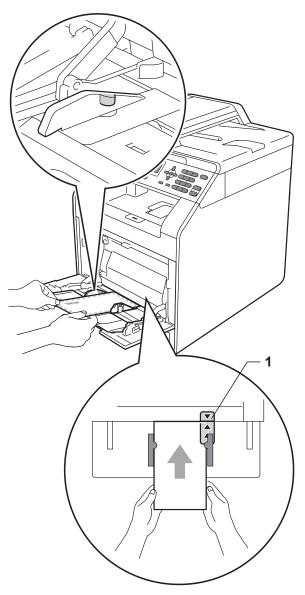
2 Pull out the MP tray support and unfold the flap (1).



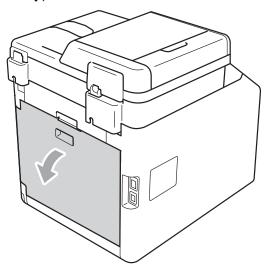
3 Lift up the support flap to prevent envelopes and thick sheets of paper from sliding off the face down output tray. If the support flap is closed you should remove each envelope as soon as it comes out of the machine.



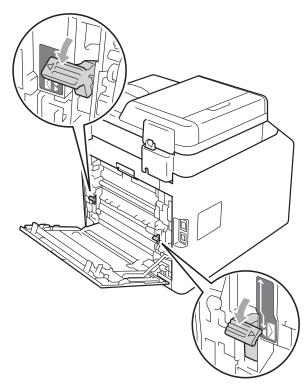
- 4 Put up to 3 envelopes or up to 25 sheets of thick paper (163 g/m²) in the MP tray. If you add more envelopes or paper it may cause a jam. Make sure:
 - The top of envelope edge is positioned between the arrows (1).
 - The side to be printed on must be face up.



Open the back cover (Face-up output tray).



6 Pull down the two gray levers, one on the left-hand side and one on the right-hand side, to the envelope position as shown in the illustration below.



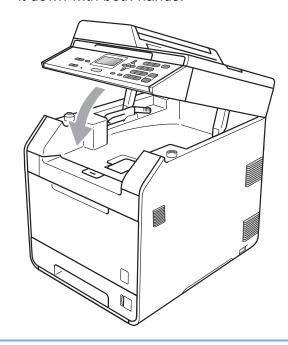
- Close the back cover.
- 8 Send the print data to the machine.
- 9 When you have finished printing, open the back cover and reset the two gray levers which are pulled down at step 6 back to the original position.



- Remove each printed envelope immediately to prevent a paper jam.
- If your thick paper curls during printing, put only one sheet at a time in the MP tray and open the back cover (back output tray) to let the printed pages exit to the back output tray.

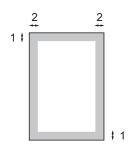
Chapter 2

- To easily remove a small printout from the output tray, lift up the scanner by using both hands as shown in the illustration.
- You can still use the machine while the scanner is up. To close the scanner, push it down with both hands.



Scannable area

The figures below show unscannable areas for Copying.



Document Size	Top (1)	Left (2)
	Bottom (1)	Right (2)
Letter	4 mm	3.96 mm
A4	4 mm	2 mm

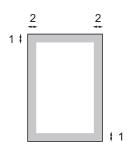


This unscannable area shown above is for a single copy or a 1 in 1 copy using A4 size paper. The area that cannot be scanned will vary by paper size.

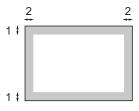
Unprintable area when printing from a computer

When using the printer driver the printable area is smaller than the paper size. The figures below show unprintable areas.

Portrait



Landscape



Windows® printer driver and Macintosh printer driver		
		BRScript printer driver for Windows® and Macintosh
	1	4.23 mm
	2	4.23 mm



The area that cannot be printed on may vary depending on the paper size and the printer driver you are using. The unprintable area shown above is for A4 size paper.

Paper settings

Paper Type

Set up the machine for the type of paper you are using. This will give you the best print quality.

- Do one of the following:
 - To set the paper type for the MP Tray press Menu, 1, 1, 1, 1.
 - To set the paper type for Tray#1 press **Menu**, **1**, **1**, **1**, **2**.
 - To set the paper type for Tray#2 ¹ press **Menu**, **1**, **1**, **3** if you installed the optional tray.
 - 1 Tray#2 appears only if the optional tray is installed
- Press ▲ or ▼ to choose Thin, Plain, Thick, Thicker, Recycled Paper or Glossy Paper. Press OK.
- 3 Press Stop/Exit.



You can choose Glossy Paper for MP Tray.

Paper Size

You can use the following sizes of paper for printing copies: A4, Letter, Legal, Executive, A5, A5 L, A6, B5, B6, Folio (8.5 in. \times 13 in.), 16K (195 \times 270mm), 16K (184 \times 260mm) and 16K (197 \times 273mm).

When you change the size of paper in the tray, you will also need to change the setting for paper size at the same time so your machine can fit the document.

- Do one of the following:
 - To set the paper size for the MP Tray press Menu, 1, 1, 2, 1.

- To set the paper size for Tray#1 press **Menu**, **1**, **1**, **2**, **2**.
- To set the paper size for Tray#2 1 press **Menu**, **1**, **1**, **2**, **3** if you installed the optional tray.
- 1 Tray#2 appears only if the optional tray is installed.
- Press ▲ or ▼ to choose A4, Letter,
 Legal, Executive, A5, A5 L, A6, B5,
 B6, Folio, 16K(195x270mm),
 16K(184x260mm), 16K(197x273mm)
 or Any.
 Press OK.
- 3 Press Stop/Exit.



- The Any option appears only when you choose the MP tray.
- If you choose Any for the MP Tray Paper Size: You must choose MP Only for the Tray Use setting. You cannot use the Any Paper Size selection for the MP tray when making N in 1 copies. You must choose one of the other available Paper Size selections for the MP tray.
- A5 L and A6 size are not available for the Tray#2.
- 16K(195x270mm), 16K(184x260mm) and 16K(197x273mm) size are not available for Tray#1 and Tray#2.

Tray Use in copy mode

You can change the priority tray that the machine will use for printing copies.

When you choose Tray#1 Only, MP Only or Tray#2 Only ¹, the machine pulls the paper only from that tray. If the selected tray is out of paper, No Paper will appear on the LCD. Insert the paper in the empty tray.

To change the tray setting follow the instructions below:

1 Press **Menu**, 1, 4, 1.

Press ▲ or ▼ to choose Tray#1 Only, Tray#2 Only ¹, MP Only, MP>T1>T2 ¹ or T1>T2 ¹>MP. Press OK.

Tray#2 Only or T2 appears only if the optional tray is installed.

3 Press Stop/Exit.



- When loading the documents in the ADF and MP>T1>T2 or T1>T2>MP is selected, the machine looks for the tray with the most suitable paper and pulls paper from that tray. If no tray has suitable paper, the machine pulls paper from the higher priority tray.
- When using the scanner glass, your document is copied from the higher priority tray even if more suitable paper is in another paper tray.

Tray Use in print mode

You can change the default tray the machine will use for printing from your computer.

- 1 Press Menu, 1, 4, 2.
- Press A or V to choose Tray#1 Only,
 Tray#2 Only ¹, MP Only,
 MP>T1>T2 ¹ or T1>T2 ¹>MP.

Press OK.

- Tray#2 Only or T2 appears only if the optional tray is installed.
- 3 Press Stop/Exit.

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: thin paper, plain paper, thick paper, bond paper, recycled paper, glossy paper, labels or envelopes.

For best results, follow the instructions below:

- DO NOT put different types of paper in the paper tray at the same time because it may cause paper jams or misfeeds.
- 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 suitable.

Recommended paper and print media

Paper Type	Item
Plain Paper	APP Blue Flagship 70 g/m ²
	APP Gold Flagship 80 g/m ²
	Advanced Agro Double A 80 g/m ²

Type and size of paper

The machine feeds paper from the installed standard paper tray, multi-purpose tray or optional lower tray.

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

Tray and optional unit	Name
Standard paper tray	Tray 1
Multi-purpose tray	MP Tray
Optional lower tray	Tray 2

Paper capacity of the paper trays

	Paper size	Paper types	No. of sheets
Paper Tray (Tray 1)	A4, Letter, Legal, B5, Executive, A5, A5 (Long Edge), A6, B6, Folio ¹	Plain paper, Thin paper and Recycled paper	up to 250 [80 g/m ²]
Multi-purpose Tray (MP Tray)	Width: 69.8 to 216 mm Length: 116 to 406.4 mm	Plain paper, Thin paper, Thick paper, Thicker paper, Bond paper, Recycled paper, Envelopes, Labels and Glossy paper	50 sheets [80 g/m²] 3 Envelopes 1 Glossy paper
Optional lower Tray (Tray 2)	A4, Letter, Legal, B5, Executive, A5, B6, Folio ¹	Plain paper, Thin paper and Recycled paper	up to 500 [80 g/m ²]

¹ Folio size is 215.9 mm x 330.2 mm

Recommended paper specifications

The following paper specifications are suitable for this machine.

Basis weight	70-90 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 paper made for plain paper copying.

- Use paper that is 70 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 temperature of the machine's fusing process 392 degrees Fahrenheit (200 degrees centigrade).
- If you use bond paper, paper having a rough surface or paper that is wrinkled or creased, the paper may exhibit degraded performance.
- When you are using glossy paper, put only one sheet at a time in the MP tray to avoid a paper jam.

Types of paper to avoid

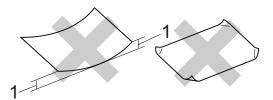
! IMPORTANT

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 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, they may damage your machine. This damage may not be covered under any Brother warranty or service agreement.

Envelopes

Most envelopes designed for laser printers will be suitable for your machine. However, some envelopes may have feed and print-quality problems because of the way they have been made. A suitable envelope should have edges with straight, well-creased folds. The envelope should lie flat and not be of baggy or flimsy construction. You should buy quality envelopes from a supplier who understands that you will be using the envelopes in a laser machine.

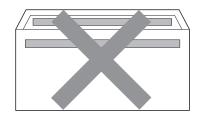
We recommend that you print a test envelope to make sure the print results are what you want.

Types of envelopes to avoid

! IMPORTANT

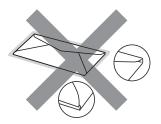
DO NOT use envelopes:

- 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 (have raised writing on them)
- that were previously printed by a laser 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 surface as shown in figure below



with double flaps

with each side folded as shown in 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.

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 392 degrees Fahrenheit (200 degrees centigrade) for a period of 0.1 seconds.

Types of labels to avoid

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









IMPORTANT

- DO NOT feed part used label sheets. The exposed carrier sheet will damage your machine.
- 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.
- DO NOT reuse or insert labels that have previously been used or are missing a few labels on the sheet.

Loading documents

How to load documents

You can 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 356.0 mm
Width:	147.3 to 215.9 mm
Weight:	64 to 90 g/m ²

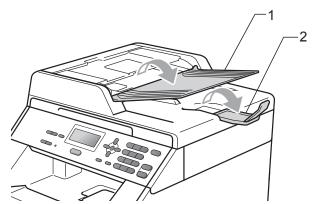
How to load documents

! IMPORTANT

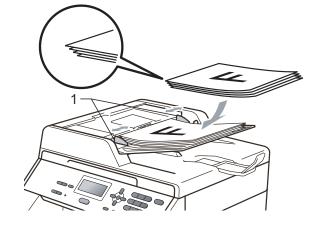
- DO NOT leave thick documents on the scanner glass. If you do this, the ADF may jam.
- DO NOT use paper that is curled, wrinkled, folded, ripped, stapled, paperclipped, pasted or taped.
- DO NOT use cardboard, newspaper or fabric.
- To avoid damaging your machine while using the ADF, DO NOT pull on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

Note

- To scan documents that are not suitable for the ADF, see *Using the scanner glass* on page 25.
- 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) and the ADF document output support flap (2).



- 2 Fan the pages well.
- 3 Place your document face up, top edge first in the ADF until the LCD display message changes and you feel it touch the feed rollers.
- 4 Adjust the paper guides (1) to fit the width of your document.



Using the scanner glass

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

Document Sizes Supported

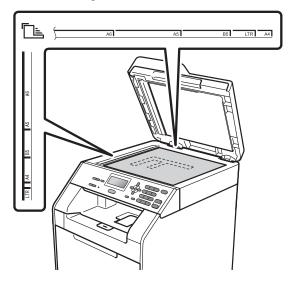
Length:	Up to 297.0 mm
Width:	Up to 215.9 mm
Weight:	Up to 2.0 kg

How to load documents



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

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





Close the document cover.

! IMPORTANT

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

Making copies

How to copy

The following steps show the basic copy operation. For details about each option, see the *Advanced User's Guide*.



1 No. of Copies

You can enter the number of copies you want by using the numeric keys.

- 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 24.)
 - Load your document face down on the scanner glass. (See *Using the* scanner glass on page 25.)
- Press Mono Start or Color Start.



If the LCD shows Please Wait and the machine stops copying while you are making multiple copies, please wait for 30 to 40 seconds until the machine finishes the color registration and cleaning process of the belt unit.

Stop copying

To stop copying, press Stop/Exit.

Copy settings

You can change the following copy settings:

Press ▲ or ▼ to scroll through the copy settings. When the setting you want is highlighted, press **OK**. For details about changing the following copy settings, see *Copy settings* in *Chapter 3* of the *Advanced User's Guide*.

- Enlg/Red (Enlarge/Reduce)
- Stack/Sort
- Quality
- Contrast
- Brightness
- Color Adjust
- Page Layout
- Tray Select
- Duplex

5

How to print from a computer

Printing a document

The machine can receive data from your computer and print it. To print from a computer, install the printer driver. (See *Printing* for Windows® or *Printing* and *Faxing* for Macintosh in *Software User's Guide* for the details about the print settings.)

- 1 Install the Brother printer driver on the Installation CD-ROM. (See the 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**.
- 4 Choose the settings you want in the **Properties** dialog box.
 - Paper Size
 - Orientation
 - Copies
 - Media Type
 - **■** Print Quality
 - Color / Mono
 - **Multiple Page**
 - Duplex / Booklet
 - Paper Source
- Click **OK** to begin printing.

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

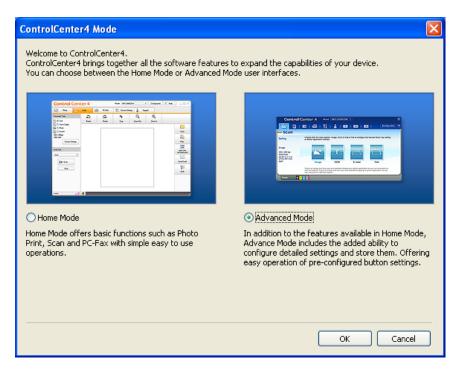
(For Macintosh users) See Scanning in the Software User's Guide.



- The screens on your PC may vary depending on your model.
- The illustrations in this chapter are based on "Advanced Mode" interface.

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.

- Load your document. (See How to load documents on page 24.)
- Open ControlCenter4 by clicking start/All Programs/Brother/XXX-XXXX (where XXX-XXXX is your model name)/ControlCenter4. The ControlCenter4 application will open.
- Choose **Home Mode** or **Advanced Mode** before you use ControlCenter4.

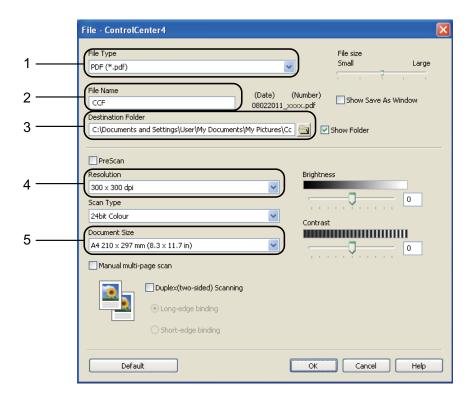


Make sure the machine you want to use is selected from the Model pull-down list.

5 Set the file type for saving to a folder. By default, the scanned data is saved as **JPEG** (*.jpg). Click **Configuration**, and then select **Button settings**, **Scan** and **File**.



The configuration dialog box appears. You can change the default settings.



- 1 Choose **PDF** (*.pdf) from the **File Type** pull-down list.
- 2 You can enter the file name you want to use for the document.
- 3 You can save the file to the default folder, or choose your preferred folder by clicking the **Browse** button.
- 4 You can choose a scanning resolution from the **Resolution** pull-down list.
- 5 You can choose the document size from the pull-down list.
- 6 Click **OK**.

Chapter 6

7 Click File.

The machine starts the scanning process. The folder where the scanned data is saved will open automatically.



6

Changing the SCAN key settings

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 MFL-Pro Suit (including scanner drivers) on the Installation CD-ROM. (See the *Quick Setup Guide*.)
- Configure the machine with a TCP/IP address if network scanning does not work. (See Configuring Network Scanning in the Software User's Guide.)

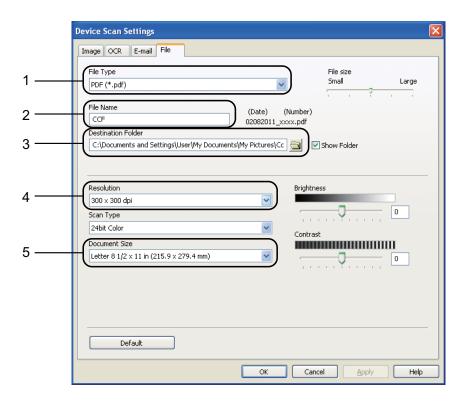
SCAN key settings

You can change your machine's **SCAN** key settings using ControlCenter4.

- 1 Open ControlCenter4 by clicking start/All Programs/Brother/XXX-XXXX (where XXX-XXXX is your model name)/ControlCenter4. The ControlCenter4 application will open.
- 2 Make sure the machine you want to use is selected from the **Model** pull-down list.
- 3 Click the **Device Settings** tab.
- 4 Click Device Scan Settings.



5 Choose the **File** tab. You can change the default settings.



- 1 You can choose the file type from the pull-down list.
- 2 You can enter the file name you want to use for the document.
- 3 You can save the file to the default folder, or choose your preferred folder by clicking the **Browse** button.
- 4 You can choose a scanning resolution from the **Resolution** pull-down list.
- 5 You can choose the document size from the pull-down list.
- 6 Click **OK**.

Scanning using the SCAN key

- 1 Load your document. (See How to load documents on page 24.)
- 2 Press (SCAN).
- 3 Press ▲ or ▼ to choose Scan to PC. Press OK.
- 4 Press ▲ or ▼ to choose File.
 Press OK.
- If you want to change the duplex setting, press ▲ or ▼ to choose 1sided, 2sided (L) edge or 2sided (S) edge.
 Press OK.
- 6 (For Network users)

Press ▲ or ▼ to choose the destination computer you want to send to.

Press OK.

If the LCD prompts you to enter a PIN number, enter the 4-digit PIN number for the destination computer using the dial pad on the control panel. Press **OK**.

Press Mono Start or Color Start.
The machine starts the scanning process.



Choose the scan mode you want.

Scan to:

- Network
- FTP
- E-mail (Scan to PC)
- Image (Scan to PC)
- OCR (Scan to PC)
- File (Scan to PC)



Routine maintenance

Replacing the consumable items

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

Standard Toner See Replacing a Toner cartridge on page 37.	Cyan	TN-370C	Drum unit (DR-370CL) See <i>Replacing the drum unit</i> on page 43.		
	Magenta	TN-370M			
	Yellow	TN-370Y	on page 40.		
	Black	TN-370BK	Belt unit (BU-300CL)		
	Cyan	TN-375C	See Replacing the belt unit on page 49.	The state of the s	
High Capacity Toner See Replacing a Toner cartridge on page 37.	Magenta	TN-375M	Waste toner box (WT-300CL) See Replacing the waste toner box on page 54.		
	Yellow	TN-375Y			
	Black	TN-378BK			

LCD messages	Consumable item to replace	Model name	Approximate life	How to replace
Toner Low Prepare New X Toner Cartridge. X = Black, Cyan, Magenta, Yellow	Toner cartridge, Black	TN-370BK (Standard toner cartridge), TN-378BK (High capacity toner cartridge),	2,500 pages (Standard toner cartridge) ^{1 2} 6,000 pages (High capacity toner cartridge) ^{1 2}	
	Toner cartridge, Cyan	TN-370C (Standard toner cartridge), TN-375C (High capacity toner cartridge),	1,500 pages (Standard toner cartridge) ¹² 3,500 pages (High capacity toner cartridge) ¹²	See page 37.
	Toner cartridge, Magenta	TN-370M (Standard toner cartridge), TN-375M (High capacity toner cartridge),		
	Toner cartridge, Yellow	TN-370Y (Standard toner cartridge), TN-375Y (High capacity toner cartridge)		
WT Box End Soon	Waste toner box	WT-300CL	50,000 pages ¹	See page 54.

¹ A4 or Letter size single-sided pages.

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

You will need to clean the machine regularly and replace the consumable items when the following messages are displayed on the LCD.

LCD messages	Consumable item to replace	Model name	Approximate life	How to replace
Replace Toner	Toner cartridge, Black	TN-370BK (Standard toner cartridge), TN-378BK (High capacity cartridge)	2,500 pages (Standard toner cartridge) ^{1 2} 6,000 pages (High capacity cartridge) ^{1 2}	See page 37.
	Toner cartridge, Cyan	TN-370C (Standard toner cartridge), TN-375C (High capacity cartridge)	1,500 pages	
	Toner cartridge, Magenta	TN-370M (Standard toner cartridge), TN-375M (High capacity cartridge)	(Standard toner cartridge) 1 2 3,500 pages (High capacity	
	Toner cartridge, Yellow	TN-370Y (Standard toner cartridge), TN-375Y (High capacity cartridge)	cartridge) ^{1 2}	
Replace Parts Drum Drum Stop	Drum unit	DR-370CL	25,000 pages (1 page per job; Drum life is approximate and may vary by type of use.) ¹	See page 44.
Replace Parts Belt Unit	Belt unit	BU-300CL	50,000 pages ¹	See page 49.
Replace WT Box	Waste toner box	WT-300CL	50,000 pages ¹	See page 54.
Replace Parts Fuser Unit	Fuser unit		100,000 pages ¹	Call your Brother dealer for a replacement fuser unit.
Replace Parts Laser Unit	Laser unit		100,000 pages ¹	Call your Brother dealer for a replacement laser unit.
Replace Parts PF Kit 1	Paper feeding kit 1		100,000 pages ¹	Call your Brother dealer for a replacement paper feeding kit 1.
Replace Parts PF Kit 2	Paper feeding kit 2		100,000 pages ¹	Call your Brother dealer for a replacement paper feeding kit 2.
Replace Parts PF Kit MP	Paper feeding kit MP		50,000 pages ¹	Call your Brother dealer for a replacement paper feeding kit MP.

A4 or Letter size single-sided pages.

Note

- If you choose not to return your used consumable, please discard the used consumable according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.
- We recommend placing used consumable items on a piece of paper to prevent accidentally spilling or scattering the material inside.

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

- 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 of the toner cartridges is based on ISO/IEC 19798. Frequency of replacement will vary depending on the complexity of printed pages, percentage of coverage and type of media used.

Replacing a Toner cartridge

Model Name: For the model name of toner cartridges, see *Replacing the consumable items* on page 34.

The Standard toner cartridges can print approximately 2,500 pages (black) or approximately 1,500 pages (cyan, magenta, yellow) ¹. The High Yield toner cartridges can print approximately 6,000 pages (black) or approximately 3,500 pages (cyan, magenta, yellow) ¹. Actual page count will vary depending on your average type of document. When a toner cartridge is running low, the LCD shows Toner Low.

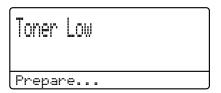
The toner cartridges that come supplied with the machine are standard toner cartridges.

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



- 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 Brother Original toner cartridges. When you want to buy toner cartridges, please call your Brother dealer.
- We recommend that you clean the machine when you replace the toner cartridge. See Cleaning and Checking the machine on page 60.
- If you change the print density setting for lighter or darker printing, the amount of toner used will change.
- Wait to unpack the toner cartridge until immediately before you put it into the machine.

Toner Low



If the LCD shows Toner Low Prepare New X Toner Cartridge., buy a new toner cartridge and have it ready before you get a Replace Toner message. The LCD shows the toner color that is near the end of its life (Cyan, Magenta, Yellow or Black).

Replace Toner

When the following message appears on the LCD, you need to replace the toner cartridge:

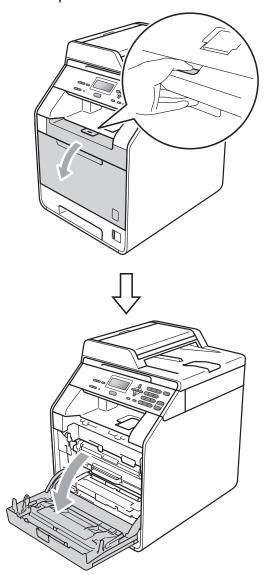


The message in the last line of the LCD indicates which color you need to replace.

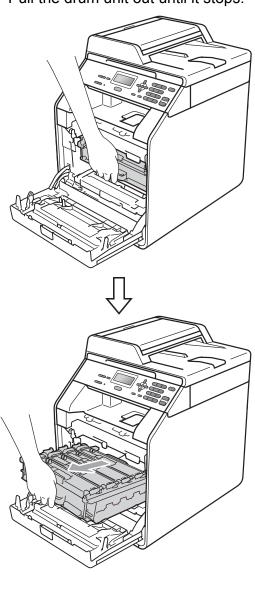
The machine will stop printing until you replace the toner cartridge. A new or unused Brother Original toner cartridge will reset the Replace Toner mode.

Replacing the toner cartridge

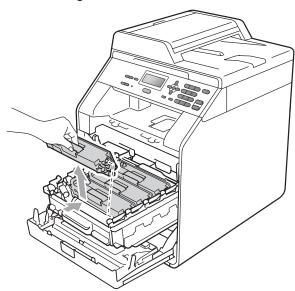
- 1 Make sure that the machine is turned on.
- Press the front cover release button and then open the front cover.



Hold the green handle of the drum unit. Pull the drum unit out until it stops.



4 Hold the handle of the toner cartridge and slightly push it toward the machine to unlock it. Then pull it out of the drum unit. Repeat this for all the toner cartridges.



▲ WARNING

DO NOT put a toner cartridge into a fire. It could explode, resulting in injuries.

DO NOT use cleaning materials that contain ammonia, alcohol, any type of spray or any type of flammable substance to clean the inside or outside of the machine. Doing this may cause a fire or electrical shock.

See To use the product safely in the Safety and Legal Booklet for how to clean the machine.



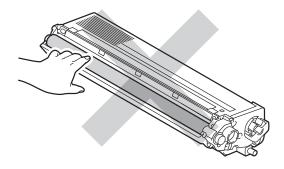




Be careful not to inhale toner.

! IMPORTANT

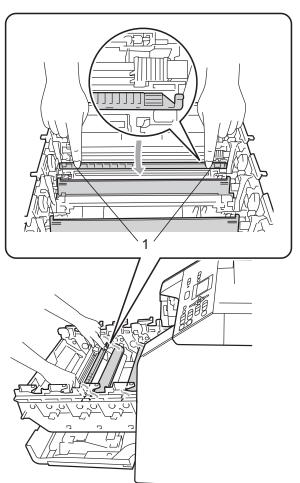
- We recommend that you place the drum unit and/or the toner cartridge on a clean, flat, level, stable surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner.
- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, wipe or wash it off with cold water at once.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustration.



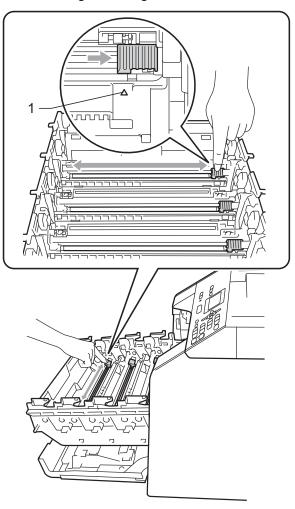


- Be sure to seal up the toner cartridge tightly in a suitable bag so that toner powder does not spill out of the cartridge.
- If you choose not to return your used consumable, please discard the used consumable according to local regulations, keeping it separate from domestic waste. If you have questions,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

5 Push to release the latches of the corona wire cover (1), and then open the cover.



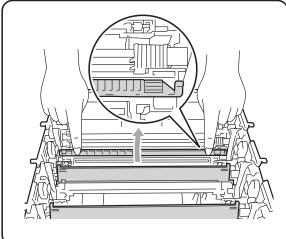
6 Clean the corona wire inside the drum unit by gently sliding the green tab from left to right and right to left several times.

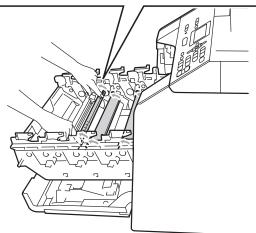


Note

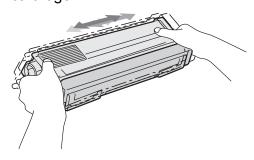
Be sure to return the tab to the home position (\blacktriangle) (1). If you do not, printed pages may have a vertical stripe.

Close the corona wire cover.





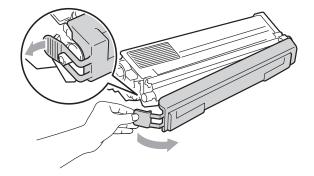
- 8 Repeat steps 6 to 7 to clean each of three remaining corona wires.
- Unpack the new toner cartridge. Gently shake it from side to side several times to distribute the toner evenly inside the cartridge.



! IMPORTANT

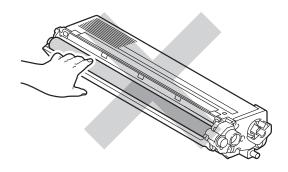
- Unpack the toner cartridge just before you put it in the machine. If a toner cartridge is left unpacked for a long time, the toner life will be shortened.
- If an unpacked drum unit is put in direct sunlight or room light, the unit may be damaged.
- · Brother machines are designed to work with toner of a particular specification and will work to a level of optimum performance when used with Brother Original toner cartridges. Brother cannot guarantee this optimum performance if toner or toner cartridges of other specifications are used. Brother does not therefore recommend the use of cartridges other than Brother Original cartridges with this machine, or the refilling of empty cartridges with toner from other sources. If damage is caused to the drum unit or other part of this machine as a result of the use of toner or toner cartridges other than Brother Original products due to the incompatibility or lack of suitability of those products with this machine, any repairs required as a result may not be covered by the warranty.

10 Pull off the protective cover.

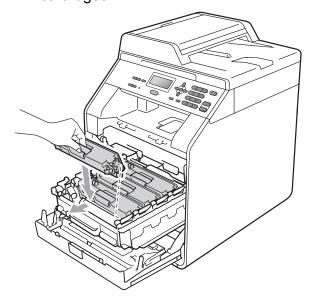


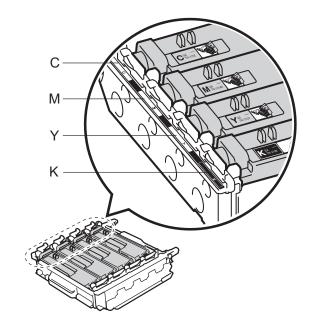
IMPORTANT

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



Hold the handle of the toner cartridge and slide the toner cartridge into the drum unit then slightly pull it toward you until you hear it click into place. Make sure that you match the toner cartridge color to the same color label on the drum unit. Repeat this for all the toner cartridges.





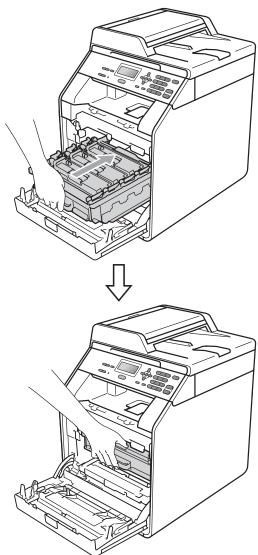
C - Cyan

M - Magenta

Y - Yellow

K - Black

Push the drum unit in until it stops.



(13) Close the front cover of the machine.



After you replace a toner cartridge, DO NOT turn off the machine's power switch or open the front cover until the LCD clears the Please Wait message and returns to Ready mode.

Replacing the drum unit

Model name: DR-370CL

A new drum unit can print approximately 25,000 A4 or Letter size single-sided pages.

! IMPORTANT

For best performance, use a Brother Original drum unit and Brother Original toner units. Printing with a third-party drum unit or toner unit may reduce not only the print quality but also the quality and life of the machine itself. Warranty coverage may not apply to problems caused by the use of third-party drum or toner units.

Drum Error



The corona wires have become dirty. Clean the corona wires in the drum unit. (See *Cleaning the corona wires* on page 66.)

If you cleaned the corona wires and Drum Error was not cleared then the drum unit is at the end of its life. Replace the drum unit with a new one.

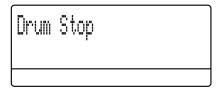
Replace Drum



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

After replacement, reset the drum counter by following the instructions included with the new drum unit.

Drum Stop



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

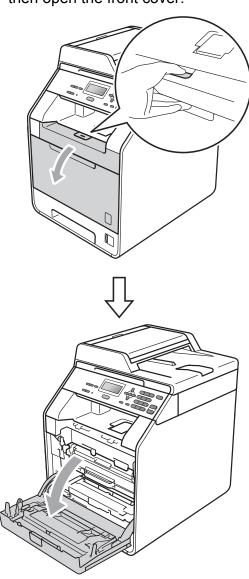
After replacement, reset the drum counter by following the instructions included with the new drum unit.

Replacing the drum unit

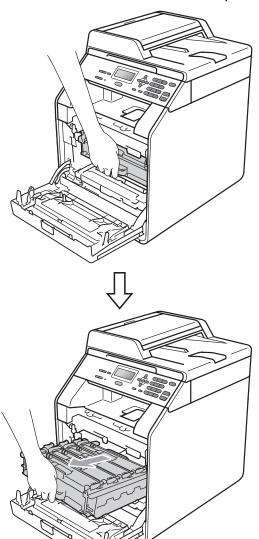
! IMPORTANT

- 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 *Cleaning and Checking the machine* on page 60.)
- 1 Make sure that the machine is turned on.

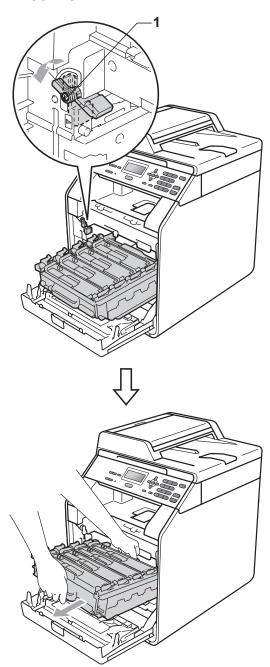
2 Press the front cover release button and then open the front cover.



Hold the green handle of the drum unit. Pull the drum unit out until it stops.

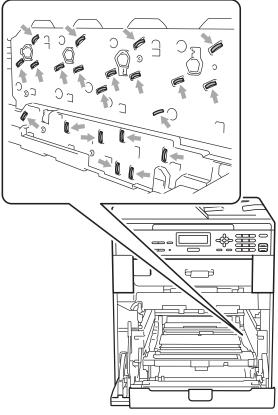


4 Turn the green lock lever (1) at the left of the machine anticlockwise to the release position. Holding the green handles of the drum unit, lift the front of the drum unit and remove it from the machine.

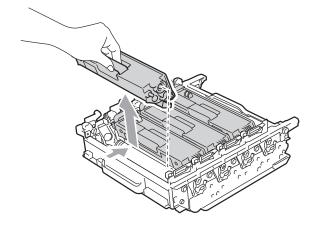


! IMPORTANT

 We recommend that you place the drum unit and/or the toner cartridge on a clean, flat surface with a sheet of disposable paper or cloth 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.



- Hold the green handles of the drum unit when you carry it. DO NOT hold the side of the drum unit.
- 5 Hold the handle of the toner cartridge and slightly push it to unlock it. Then pull it out of the drum unit. Repeat this for all the toner cartridges.



▲ WARNING

DO NOT put a toner cartridge into a fire. It could explode, resulting in injuries.

DO NOT use cleaning materials that contain ammonia, alcohol, any type of spray, or any type of flammable substance to clean the outside or inside of the machine. Doing this may cause a fire or electrical shock.

See To use the product safely in the Safety and Legal Booklet for how to clean the machine.





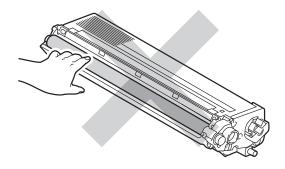


Be careful not to inhale toner.

!MPORTANT

- Handle the toner cartridge carefully. If toner scatters on your hands or clothes, wipe or wash it off with cold water at once.
- We recommend that you place the drum unit and/or the toner cartridge on a clean, flat surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner.

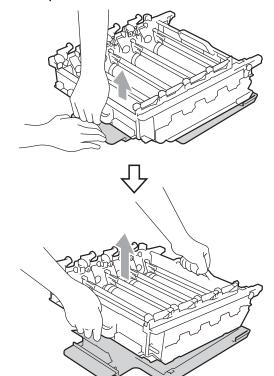
 To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.





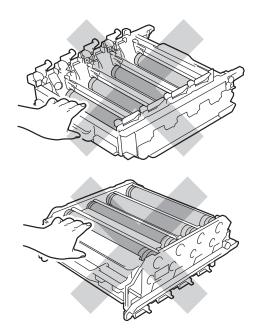
- Be sure to seal up the used drum unit tightly in a bag so that toner powder does not spill out of the unit.
- If you choose not to return your used consumable, please discard the used consumable according to local regulations, keeping it separate from domestic waste. If you have questions, call your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

6 Unpack the new drum unit and remove the protective cover.

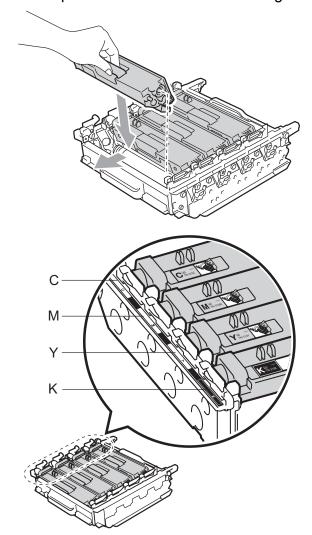


! IMPORTANT

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



- Unpack the drum unit just before you put it in the machine. Exposure to direct sunlight or room light may damage the drum unit.
- 7 Hold the handle of the toner cartridge and slide the toner cartridge into the new unit, then slightly pull it toward you until you hear it click into place. Make sure that you match the toner cartridge color to the same color label on the drum unit. Repeat this for all the toner cartridges.

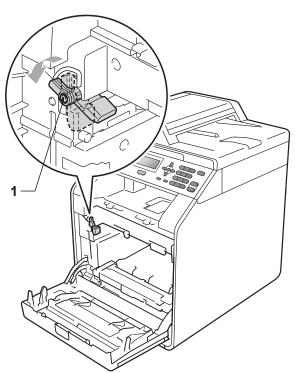


C - Cyan

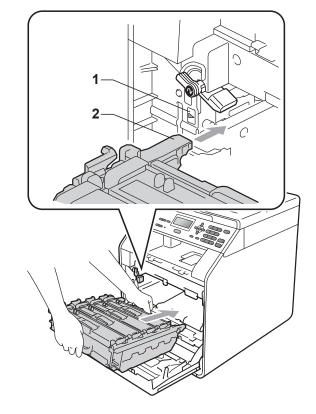
M - Magenta

Y - Yellow K - Black

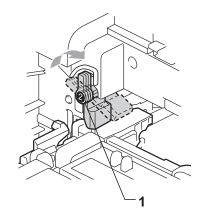
8 Make sure the green lock lever (1) is in the release position as shown in the illustration.



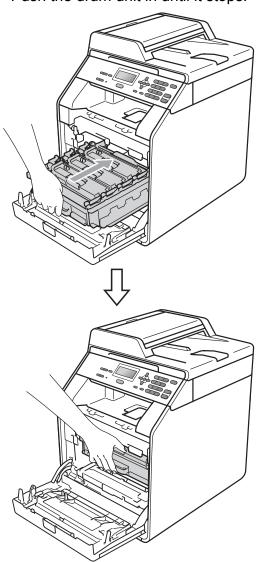
9 Match the guide ends (2) of the drum unit to the ► marks (1) on both sides of the machine, then gently slide the drum unit into the machine until it stops at the green lock lever.



10 Turn the green lock lever (1) clockwise to the lock position.



11 Push the drum unit in until it stops.



12 Close the front cover of the machine.

Resetting the drum counter

When you replace a drum unit with a new one, you need to reset the drum counter by completing the following steps:

- 1 Press Menu, 5, 8.
- 2 Press A or V to choose Drum. Press OK.
- 3 Press 1 to reset the drum unit counter.
- 4 Press Stop/Exit.

Replacing the belt unit

Model name: BU-300CL

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

Replace Belt

When the following message appears on the LCD, you need to replace the belt unit:

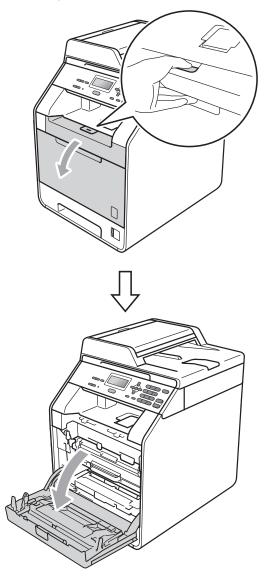
Replace Parts

Belt Unit

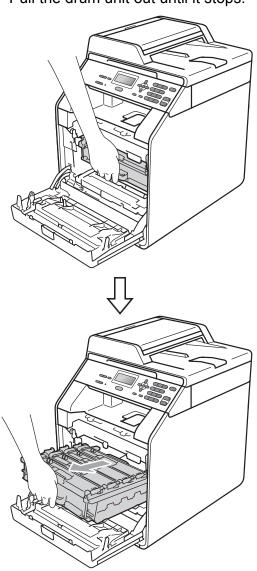
! IMPORTANT

- 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.
- Make sure that the machine is turned on.

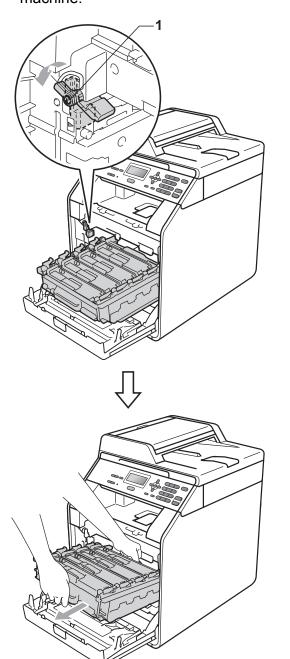
2 Press the front cover release button and then open the front cover.



Hold the green handle of the drum unit. Pull the drum unit out until it stops.

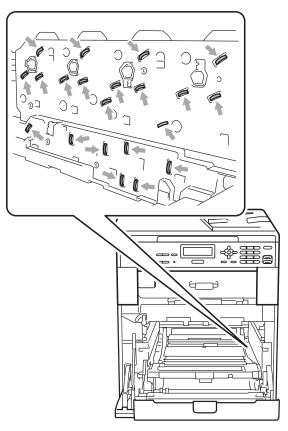


4 Turn the green lock lever (1) at the left of the machine anticlockwise to the release position. Holding the green handles of the drum unit, lift the front of the drum unit and remove it from the machine.

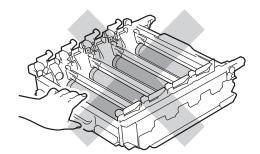


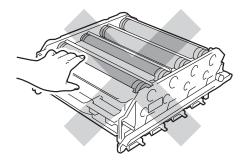
IMPORTANT

 We recommend that you place the drum unit and/or the toner cartridge on a clean, flat surface with a sheet of disposable paper or cloth 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.

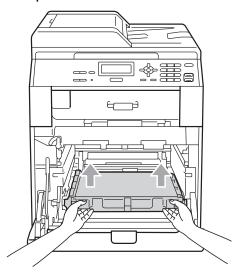


- Hold the green handles of the drum unit when you carry it. DO NOT hold the side of the drum unit.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.



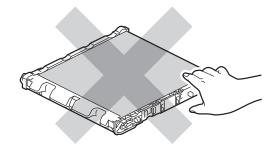


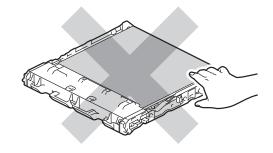
Hold the green handle of the belt unit with both hands and lift the belt unit up, then pull it out.



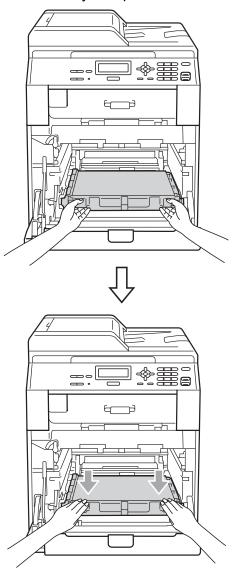
! IMPORTANT

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

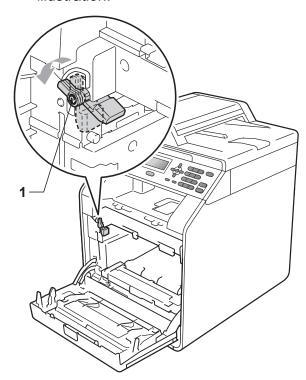




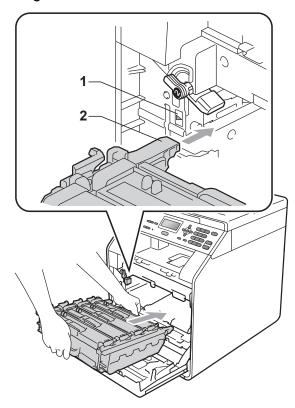
- 6 Unpack the new belt unit.
- 7 Put the new belt unit back in the machine. Make sure the belt unit is level and fits firmly into place.



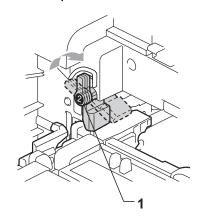
8 Make sure the green lock lever (1) is in the release position as shown in the illustration.



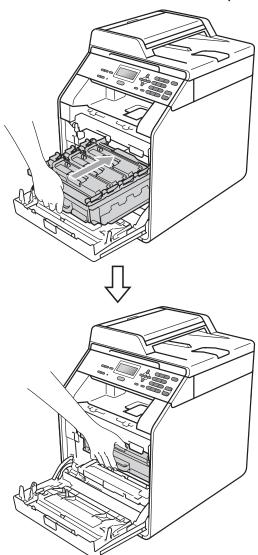
9 Match the guide ends (2) of the drum unit to the ► marks (1) on both sides of the machine, then gently slide the drum unit into the machine until it stops at the green lock lever.



10 Turn the green lock lever (1) clockwise to the lock position.



11 Push the drum unit in until it stops.



12 Close the front cover of the machine.

Resetting the belt unit counter

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

- 1 Press Menu, 5, 8.
- Press A or ▼ to select Belt Unit.
 Press OK.
- 3 Press 1 to reset the belt unit counter.
- 4 Press Stop/Exit.

Replacing the waste toner box

Model name: WT-300CL

A new waste toner box can print approximately 50,000 A4 or Letter size single-sided pages.

WT Box End Soon

If the LCD 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 following message appears on the LCD, you need to replace the waste toner box:

▲ WARNING

DO NOT put the waste toner box into a fire. It could explode.

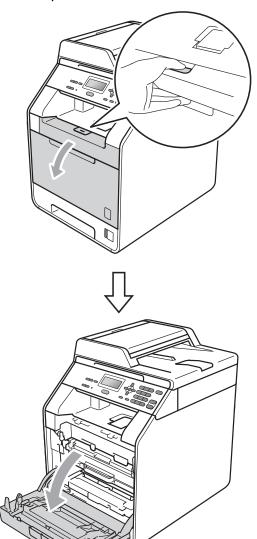
Be careful not to spill the toner. DO NOT inhale or allow it to get into your eyes.

IMPORTANT

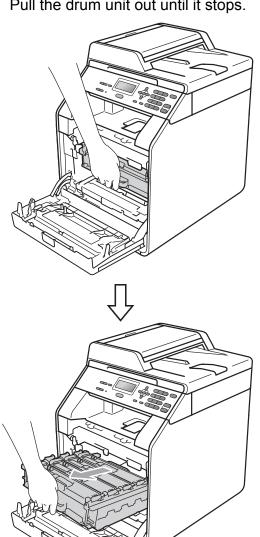
DO NOT reuse the waste toner box.

1 Make sure that the machine is turned on.

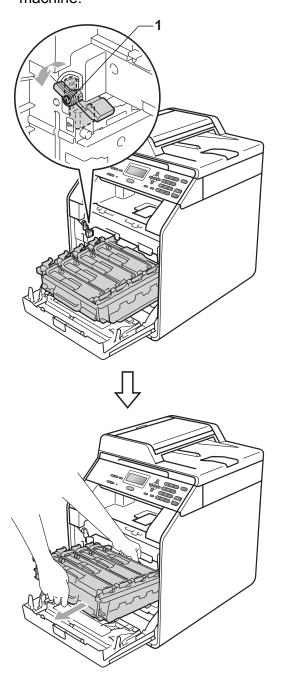
Press the front cover release button and then open the front cover.



Hold the green handle of the drum unit. Pull the drum unit out until it stops.

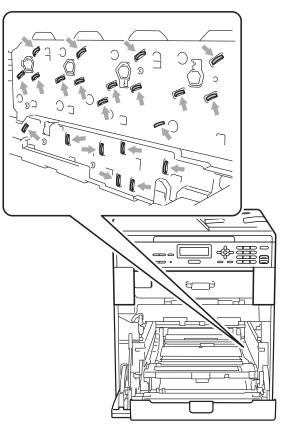


4 Turn the green lock lever (1) at the left of the machine anticlockwise to the release position. Holding the green handles of the drum unit, lift the front of the drum unit and remove it from the machine.

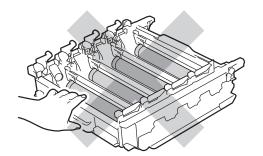


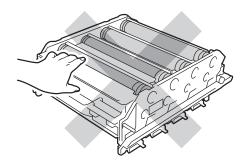
! IMPORTANT

 We recommend that you place the drum unit and/or the toner cartridge on a clean, flat surface with a sheet of disposable paper or cloth 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.

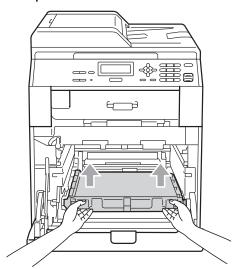


- Hold the green handles of the drum unit when you carry it. DO NOT hold the side of the drum unit.
- To avoid print quality problems, DO NOT touch the shaded parts shown in the illustrations.



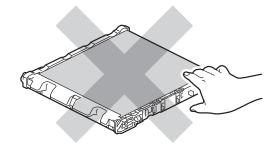


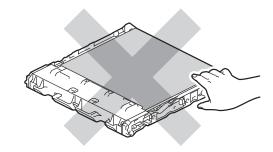
5 Hold the green handle of the belt unit with both hands and lift the belt unit up, then pull it out.



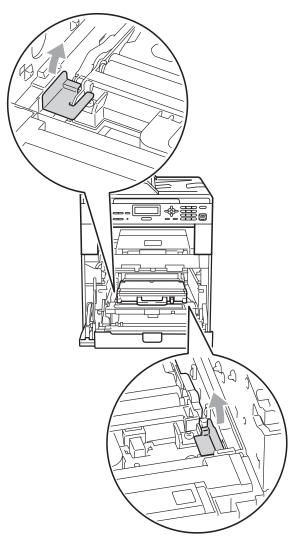
! IMPORTANT

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





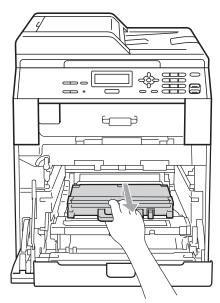
6 Remove two pieces of orange packing material and discard them.





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

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



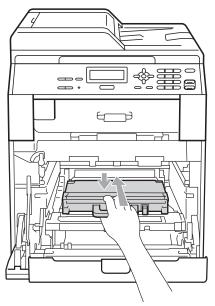
A CAUTION

Handle the waste toner box carefully in case you accidentally spill or scatter toner. If toner scatters on your hands or clothes, wipe or wash it off with cold water at once.

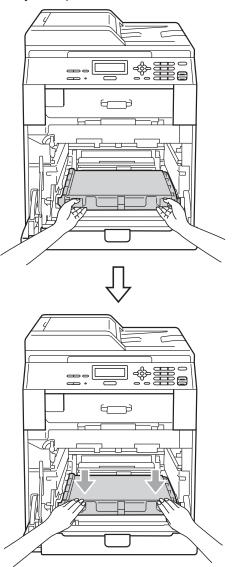


Discard the used waste toner box according to local regulations, keeping it separate from domestic waste. If you have questions, call your local waste disposal office.

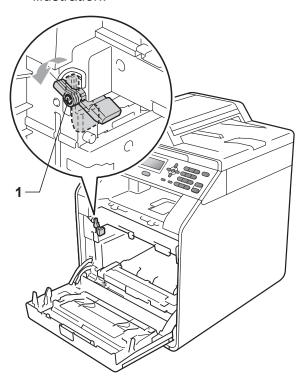
8 Unpack the new waste toner box and put the new waste toner box in the machine using the green handle. Make sure the waste toner box is level and fits firmly into place.



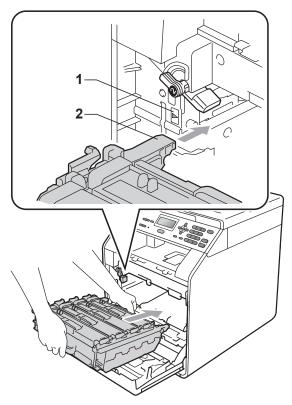
9 Put the belt unit back into the machine. Make sure the belt unit is level and fits firmly into place.



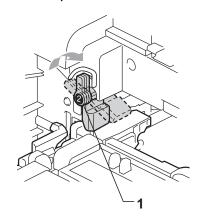
Make sure the green lock lever (1) is in the release position as shown in the illustration.



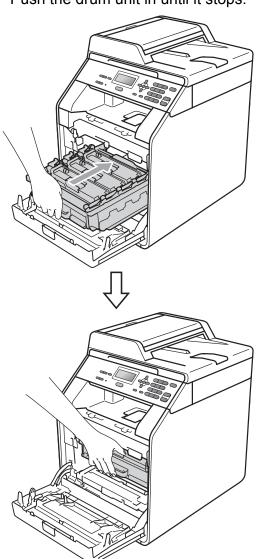
Match the guide ends (2) of the drum unit to the ► marks (1) on both sides of the machine, then gently slide the drum unit into the machine until it stops at the green lock lever.



12 Turn the green lock lever (1) clockwise to the lock position.



13 Push the drum unit in until it stops.



Close the front cover of the machine.

Cleaning and Checking the machine

Clean the outside and inside of the machine regularly with a dry, lint-free cloth. When you replace the toner cartridge or the drum unit, make sure that you clean the inside of the machine. If printed pages are stained with toner, clean the inside of the machine with a dry, lint-free cloth.

WARNING

DO NOT use any flammable substances, spray or organic solvent/liquids containing alcohol/ammonia to clean the inside or outside of the machine. Doing this may cause a fire or electrical shock.







Be careful not to inhale toner.

! IMPORTANT

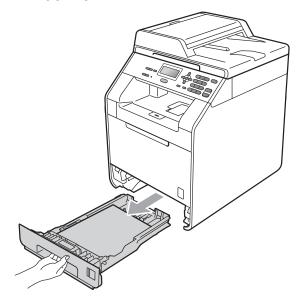
Use neutral detergents. Cleaning with volatile liquids such as thinner or benzine will damage the surface of the machine.

Cleaning the outside of the machine

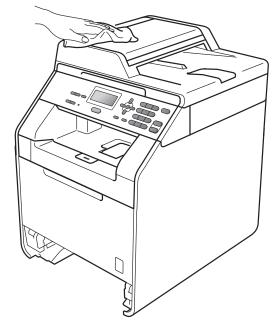


Turn off the machine. Disconnect all cables, and then unplug the power cord from the electrical socket.

Pull the paper tray completely out of the machine.

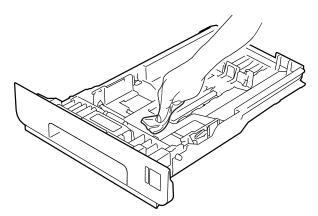


Wipe the outside of the machine with a dry, lint-free soft cloth to remove dust.



4 Remove any paper that is in the paper tray.

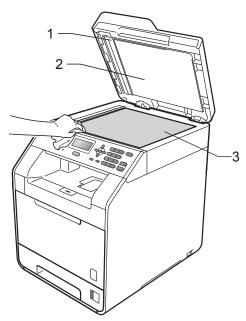
Wipe the inside and the outside of the paper tray with a dry, lint-free soft cloth to remove dust.



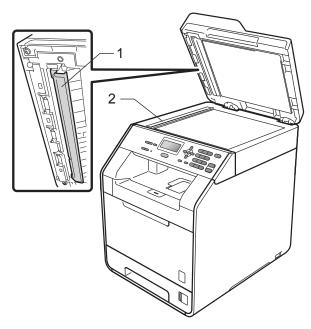
- 6 Re-load the paper and put the paper tray firmly back in the machine.
- Plug the machine's power cord back into the electrical socket first, and connect all cables. Turn on the machine.

Cleaning the scanner glass

- 1 Turn off the machine. Disconnect all cables, and then unplug the power cord from the electrical socket.
- 2 Lift the document cover (1). Clean the white plastic surface (2) and scanner glass (3) underneath it with a soft lint-free cloth moistened with water.



In the ADF unit, clean the white bar (1) and the scanner glass strip (2) underneath it with a soft lint-free cloth moistened with water.



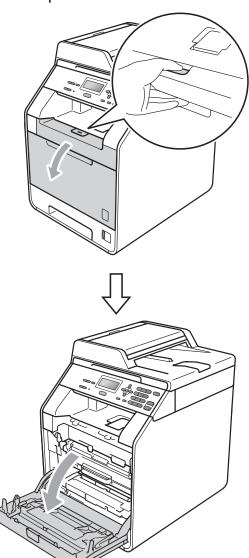


In addition to cleaning the scanner glass and glass strip with a soft lint-free cloth moistened with water, run your finger tip over the glass to see if you can feel anything on it. If you feel dirt or debris, clean the glass again concentrating on that area. You may need to repeat the cleaning process three or four times. To test, make a copy after each cleaning.

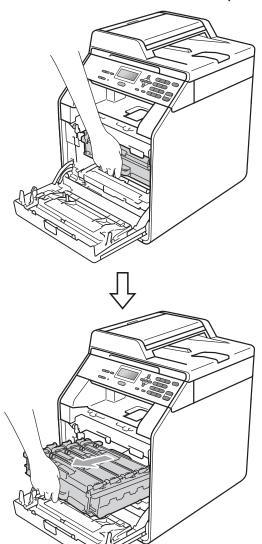
4 Plug the machine's power cord back into the electrical socket first, and connect all cables. Turn on the machine.

Cleaning the laser scanner windows

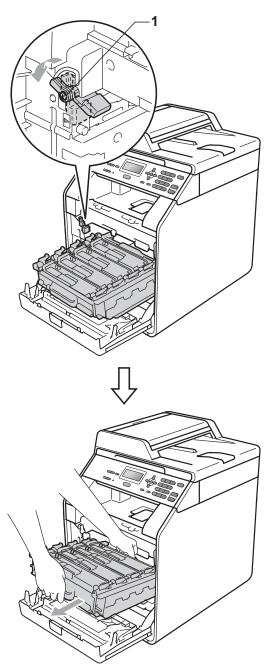
- 1 Turn off the machine. Disconnect all cables, and then unplug the power cord from the electrical socket.
- Press the front cover release button and then open the front cover.



Hold the green handle of the drum unit. Pull the drum unit out until it stops.

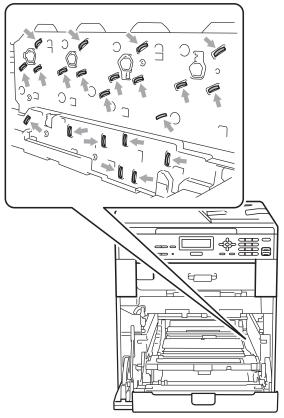


4 Turn the green lock lever (1) at the left of the machine anticlockwise to the release position. Holding the green handles of the drum unit, lift the front of the drum unit and remove it from the machine.

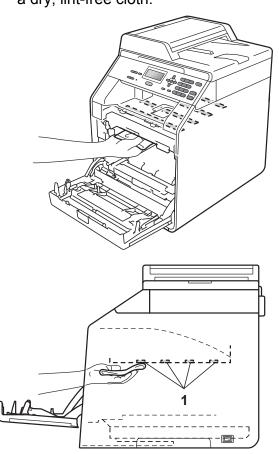


! IMPORTANT

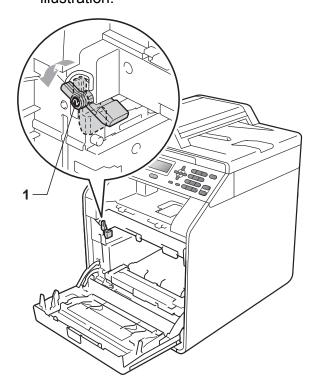
 We recommend that you place the drum unit and/or the toner cartridge on a clean, flat surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner. To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



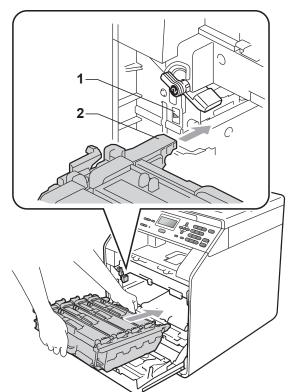
 Hold the green handles of the drum unit when you carry it. DO NOT hold the side of the drum unit. Wipe the four scanner windows (1) with a dry, lint-free cloth.



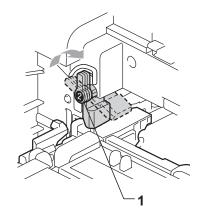
6 Make sure the green lock lever (1) is in the release position as shown in the illustration.



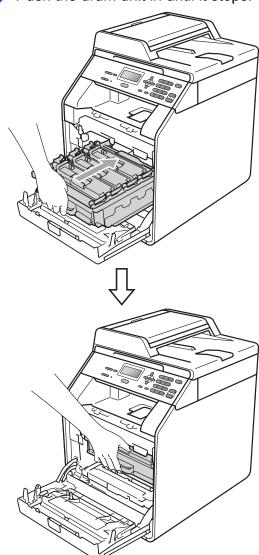
Match the guide ends (2) of the drum unit to the ▶ marks (1) on both sides of the machine, then gently slide the drum unit into the machine until it stops at the green lock lever.



8 Turn the green lock lever (1) clockwise to the lock position.



9 Push the drum unit in until it stops.

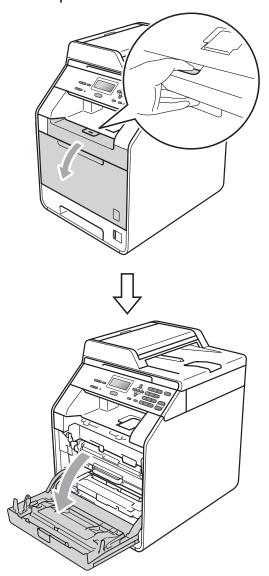


- Olose the front cover of the machine.
- Plug the machine's power cord back into the electrical socket first, and connect all cables. Turn on the machine.

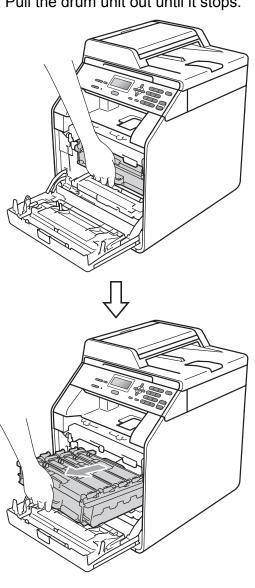
Cleaning the corona wires

If you have print quality problems, clean the four corona wires as follows:

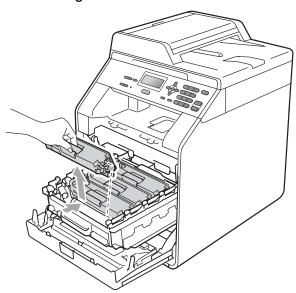
1 Press the front cover release button and then open the front cover.



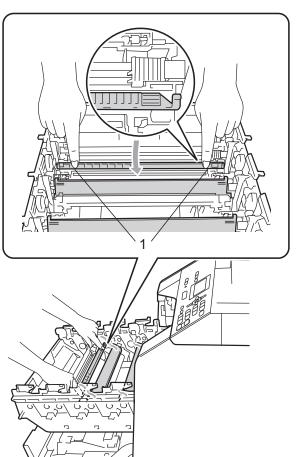
2 Hold the green handle of the drum unit. Pull the drum unit out until it stops.



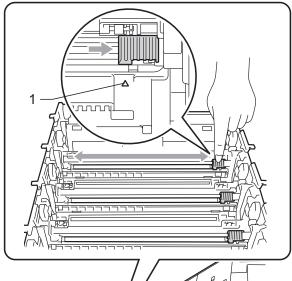
3 Hold the handle of the toner cartridge and slightly push it toward the machine to unlock it. Then pull it out of the drum unit. Repeat this for all the toner cartridges.

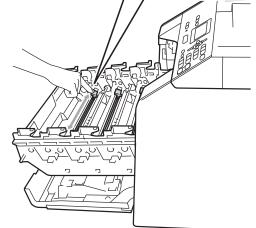


Push to release the latches of the corona wire cover (1), and then open the cover.



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

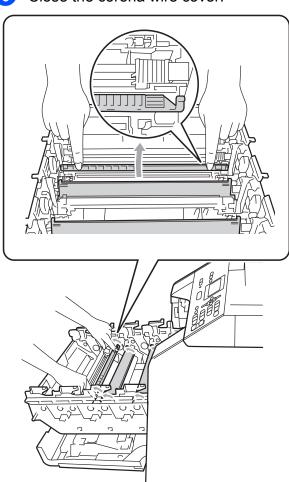






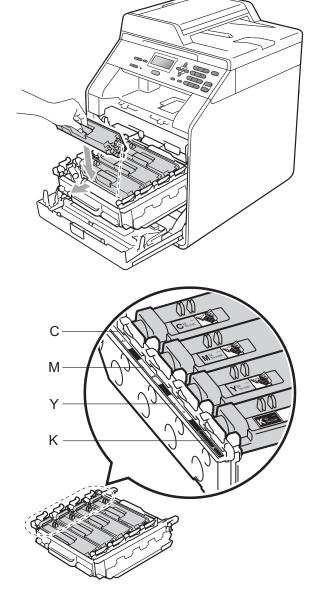
Be sure to return the tab to the home position (\blacktriangle) (1). If you do not, printed pages may have a vertical stripe.

6 Close the corona wire cover.



Repeat steps 4 to 6 to clean each of three remaining corona wires.

8 Hold the handle of the toner cartridge and slide the toner cartridge into the drum unit then slightly pull it toward you until you hear it click into place. Make sure that you match the toner cartridge color to the same color label on the drum unit. Repeat this for all the toner cartridges.



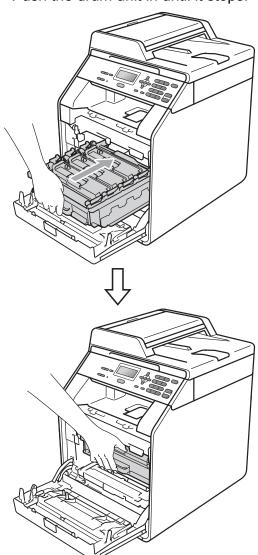
C - Cyan

M - Magenta

Y - Yellow

K - Black

9 Push the drum unit in until it stops.

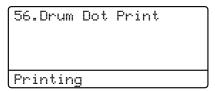


Olose the front cover of the machine.

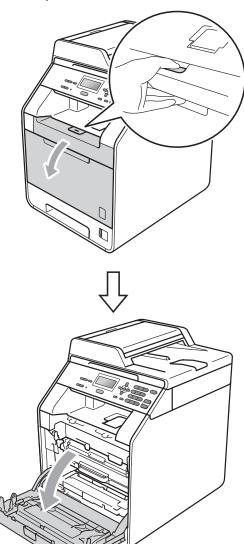
Cleaning the drum unit

If your printout has colored dots at 94 mm intervals the drum may have something stuck to the drum surface, such as glue from a label. Follow the steps below to solve the problem.

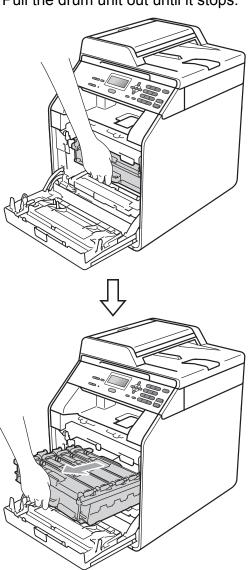
1 Make sure that the machine is in the Ready mode. Press **Menu**, **5**, **6**, then press **Mono Start** or **Color Start** to print the drum dot check sheet.



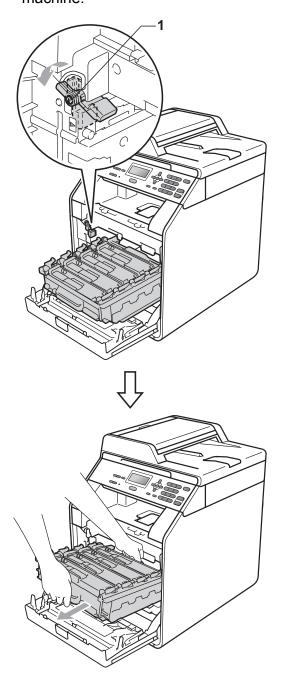
- 2 Turn off the machine. Disconnect all cables, and then unplug the power cord from the electrical socket.
- 3 Press the front cover release button and then open the front cover.



4 Hold the green handle of the drum unit. Pull the drum unit out until it stops.

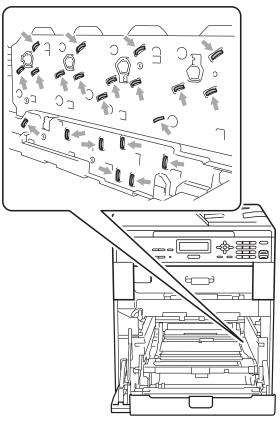


5 Turn the green lock lever (1) at the left of the machine anticlockwise to the release position. Holding the green handles of the drum unit, lift the front of the drum unit and remove it from the machine.

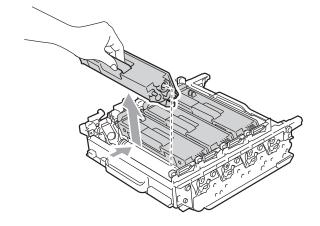


! IMPORTANT

 We recommend that you place the drum unit and/or the toner cartridge on a clean, flat surface with a sheet of disposable paper or cloth 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.

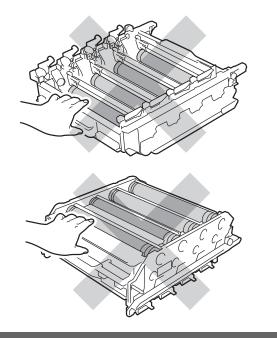


- Hold the green handles of the drum unit when you carry it. DO NOT hold the side of the drum unit.
- 6 Hold the handle of the toner cartridge and slightly push it to unlock it. Then pull it out of the drum unit. Repeat this for all the toner cartridges.

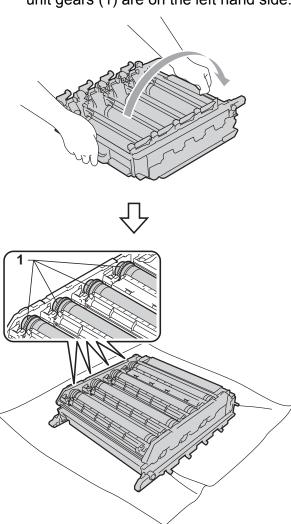


IMPORTANT

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



7 Turn the drum unit over by holding the green handles. Make sure that the drum unit gears (1) are on the left hand side.



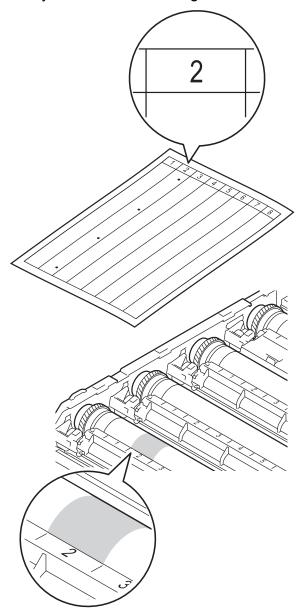
- 8 Note the following information from the drum dot check sheet:
 - Dot color

For example, a mark on the cyan drum would produce a cyan dot on the check sheet.

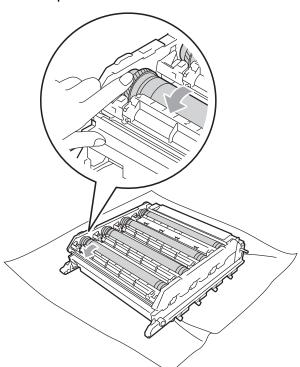
■ Dot location

Note which of the printed columns the dot appears in.

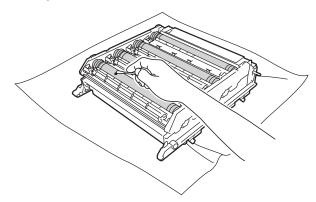
On the problem color drum, use the numbered markers next to the drum roller to find the mark. For example, a cyan dot in column 2 on the check sheet would mean that there is a mark on the cyan drum in the "2" region.



Turn the drum unit gear toward you by hand while looking at the surface of the suspected area.



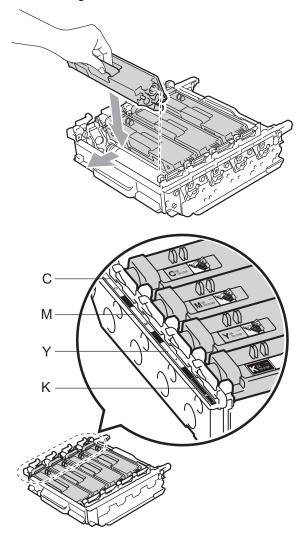
When you have found the mark on the drum that matches the drum dot check sheet, wipe the surface of the drum gently with a cotton swab until the dust or paper powder on the surface comes off.



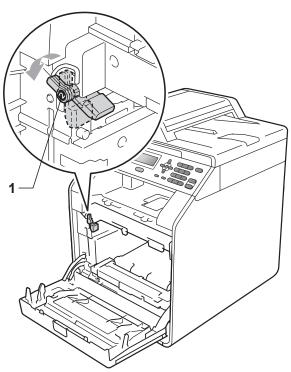
! IMPORTANT

DO NOT clean the surface of the photosensitive drum with a sharp object.

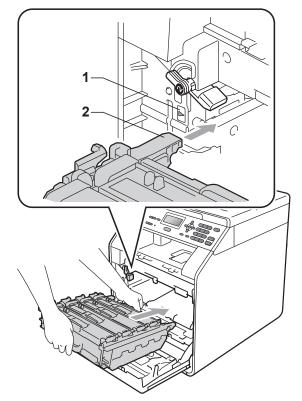
Hold the handle of the toner cartridge and slide the toner cartridge into the drum unit then slightly pull it toward you until you hear it click into place. Make sure that you match the toner cartridge color to the same color label on the drum unit. Repeat this for all the toner cartridges.



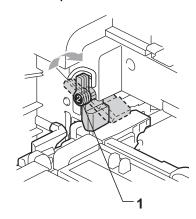
C - Cyan M - Magenta Y - Yellow K - Black Make sure the green lock lever (1) is in the release position as shown in the illustration.



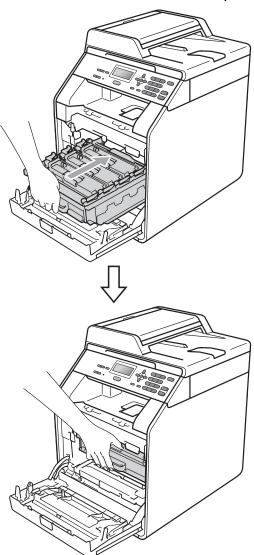
Match the guide ends (2) of the drum unit to the ▶ marks (1) on both sides of the machine, then gently slide the drum unit into the machine until it stops at the green lock lever.



Turn the green lock lever (1) clockwise to the lock position.



16 Push the drum unit in until it stops.



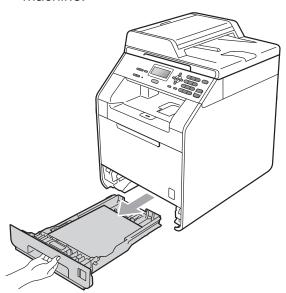
17 Close the front cover of the machine.

Plug the machine's power cord back into the electrical socket first, and connect all cables. Turn on the machine.

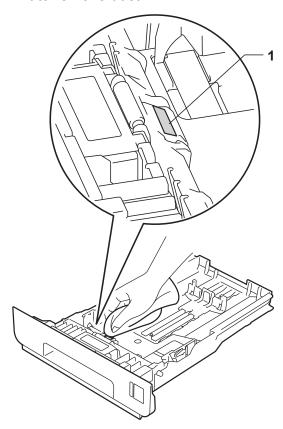
Cleaning the paper pick-up rollers

If you have paper feed problems, clean the pick-up rollers as follows:

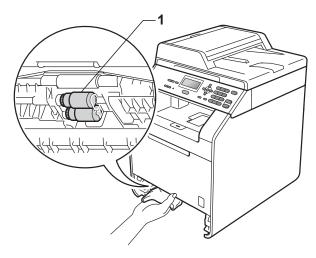
- 1 Turn off the machine. Unplug the power cord from the electrical socket.
- 2 Pull the paper tray completely out of the machine.



3 Tightly wring out a lint-free cloth soaked in lukewarm water, and then wipe the separator pad (1) of the paper tray with it to remove dust.



Wipe the two pick-up rollers (1) inside the machine to remove dust.



- Out the paper tray back in the machine.
- 6 Plug the machine's power cord back into the electrical socket. Turn on the machine.

Calibration

The output density for each color may vary depending on the environment the machine is in such as temperature and humidity. Calibration helps you to improve the color density.

- 1 Press Menu, 3, 6.
- 2 Press A or ▼ to select Calibrate.
- 3 Press **OK**.
- 4 Press 1 to select Yes.
- 5 Press Stop/Exit.

You can reset the calibration parameters back to those set at the factory.

- 1 Press Menu, 3, 6.
- 2 Press ▲ or ▼ to Reset.
- 3 Press **OK**.
- 4 Press 1 to select Yes.
- 5 Press Stop/Exit.



- If an error message is displayed, press Stop/Exit and try again. (For more information, see Error and maintenance messages on page 78.)
- If you print using the Windows[®] printer driver, the driver will get the calibration data automatically if both Use Calibration Data and Get device data automatically are on. The default settings are on. (See Advanced tab in the Software User's Guide.)

 If you print using the Macintosh printer driver, you need to perform the calibration using the Status Monitor. After turning the Status Monitor on, choose Color Calibration from the Control menu. (See Status Monitor in the Software User's Guide. When the StatusMonitor is open, choose Control / Color Calibration from the menu bar.)

Auto Registration

Registration

If solid areas of color or images have cyan, magenta or yellow fringes, you can use the auto-registration feature to correct the problem.

- 1 Press Menu, 3, 7.
- 2 To start, press 1. To exit, press 2.
- 3 Press Stop/Exit.

Manual Registration

If color still appears incorrectly after autoregistration, you will need to perform manual registration.

- 1 Press Menu, 3, 8, 1.
- Press Mono Start or Color Start to start printing the color registration chart.
- When the machine has finished printing the registration chart, press 2 (Set Regist.) to correct the color manually.
- 4 Starting at 1 (1 Magenta Left) on the chart, check which colored bar has the most uniform print density and enter its number into the machine using the

 ▲ and ▼ keys.

 Press OK.

Repeat for 2 (2 Cyan Left), 3 (3 Yellow Left), 4, 5, 6 to 9.

5 Press Stop/Exit.

Frequency (Color Correction)

You can set how often the color correction (Color Calibration and Auto Registration) occurs. The default setting is Normal. The color correction process consumes some amount of the toner.

- 1 Press Menu, 3, 9.
- Press ▲ or ▼ to choose Normal, Low or
 Off.
 Press OK.
- 3 Press Stop/Exit.

B

Troubleshooting

Error and maintenance messages

As with any sophisticated office product, errors may occur and consumable items may need 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 below.

You can clear most errors and perform routine maintenance messages 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/.

Error Message	Cause	Action
Access Denied	The function you want to use is restricted by Secure Function Lock.	Contact your administrator to check your Secure Function Lock Settings.
Calibrate	Calibration failed.	Press Mono Start or Color Start and try it again.
		Turn off the machine. Wait a few seconds, then turn it on again.
		Put in a new drum unit. (See Replacing the drum unit on page 44.)
		Put in a new belt unit. (See Replacing the belt unit on page 49.)
		■ Put in a new waste toner box. (See Replacing the waste toner box on page 54.)
		If the problem continues, call your Brother dealer.
Cartridge Error 1 Put the Black (K) Toner Cartridge back in. 1 The toner cartridge color with the problem	The toner cartridge is not installed correctly.	Pull out the drum unit and remove the toner cartridge for the color that is indicated on the LCD, then re-install toner cartridge in the drum unit. Put the drum unit back into the machine again.
is shown in the message.		
Condensation	One of the issues that can cause this error is that condensation may form inside the machine after a room temperature change.	Leave switched ON. Fully open the front cover. Wait 30 minutes, switch OFF and close cover, then switch ON. If this does not clear the error, call your Brother dealer.

Error Message	Cause	Action
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 LCD shows Cooling Down, and Wait for a while.	Make sure that you can hear the fan in the machine spinning and that the exhaust outlet is not blocked by something. 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. If the fan is not spinning, disconnect the machine from the power for several minutes, then reconnect it.
Cover is Open	The front cover is not completely closed.	Close the front cover of the machine.
Cover is Open	The ADF cover is not completely closed.	Close the ADF cover of the machine.
	The ADF is open while loading a document.	Close the ADF cover of the machine, then press Stop/Exit .
Cover is Open	The fuser cover is not completely closed or paper was jammed in the back of the machine when you turned on the power.	 Close the fuser cover of the machine. Make sure paper is not jammed inside the back of the machine, and then close the fuser cover and press Mono Start or Color Start.
DIMM Error	 The DIMM is not installed correctly. The DIMM is broken. The DIMM does not meet the required specifications. 	 Turn off the machine and remove the DIMM. Confirm the DIMM meets the required specifications. (See Memory board in Appendix B of the Advanced User's Guide.)
		 Re-install the DIMM correctly. Wait a few seconds, and then turn it on again. If this error message appears again, replace the DIMM with a new one. (See Installing extra memory in Appendix B of the Advanced User's Guide.)
Document Jam	The document was not inserted or fed correctly, or the document scanned from the ADF was too long.	See Document is jammed in the top of the ADF unit on page 83 or Using the automatic document feeder (ADF) on page 24.
Drum Error	The corona wire on the drum unit needs to be cleaned.	Clean the corona wire on the drum unit. (See Cleaning the corona wires on page 66.)
Drum Stop	It is time to replace the drum unit.	Replace the drum unit. (See Replacing the drum unit on page 44.)

Error Message	Cause	Action
Duplex Disabled	The back of the machine is not	Close the back cover of the machine.
Close the Back Cover of the machine.	closed completely.	
Duplex Disabled Reload paper, then press Start.	Although the size of paper in the paper tray matches the paper size that was selected from the control panel or printer driver, the machine has stopped printing when it encountered an additional, different size of paper in the tray.	Make sure the paper tray contains only the size of paper you select in either the control panel or printer driver, then press Mono Start or Color Start.
	The paper tray was pulled out before the machine completed printing on both sides of the paper.	Re-install the paper tray and press Mono Start or Color Start.
EL Error	The machine has a mechanical problem.	Open the front cover and close it again.
Fuser Error	The temperature of the fuser unit does not rise to a specified temperature within the specified time.	Turn the power switch off, wait a few seconds, and then turn it on again. Leave the machine for 15 minutes with the power on.
	The fuser unit is too hot.	
Init Unable XX	The machine has a mechanical problem.	Turn the power switch off, and then turn it on again.
(XX=Error Code)		If the problem continues, call your Brother dealer.
Jam Duplex	The paper is jammed underneath Paper Tray 1.	(See Paper is jammed underneath paper tray 1 on page 91.)
Jam Inside	The paper is jammed inside the machine.	(See <i>Paper is jammed inside the machine</i> on page 88.)
Jam MP Tray	The paper is jammed in the MP tray of the machine.	(See Paper is jammed in the MP tray on page 84.)
Jam Rear	The paper is jammed in the back of the machine.	(See Paper is jammed at the back of the machine on page 86.)
Jam Tray 1 Jam Tray 2	The paper is jammed in the paper tray of the machine.	(See Paper is jammed in the Paper Tray 1 or Tray 2 on page 85.)
Limit Exceeded	The printing limit set by Secure Function Lock 2.0 was reached.	Contact your administrator to check your Secure Function Lock Settings.
Low Temperature	The room temperature is too low for the machine to operate.	Increase the room temperature to allow the machine to operate.
No Belt Unit	The belt unit is not installed correctly.	Re-install the belt unit. (See Replacing the belt unit on page 49.)

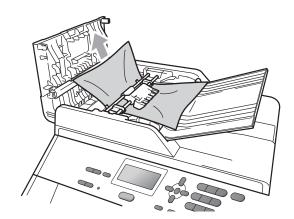
Error Message	Cause	Action
No Paper	The machine is out of paper or paper is not correctly loaded in the paper tray.	Do one of the following:
		■ Refill the paper in the paper tray.
		■ Remove the paper and load it again.
		■ If the problem is not resolved, the paper pick-up roller may need to be cleaned. Clean the paper pick-up roller. (See Cleaning the paper pick-up rollers on page 75.)
No Permission	You have attempted to print in color using a Secure Function Lock ID that is restricted to mono printing only. The print job will be cancelled.	Contact your administrator to check your Secure Function Lock Settings.
No Toner	The toner cartridge for the color indicated on the LCD is not installed correctly.	Pull out the drum unit. Take out the toner cartridge for the color indicated on the LCD, and then put it back into the drum unit.
No Tray	The paper tray indicated on the LCD is not installed properly.	Re-install the paper tray that is indicated on the LCD.
No Waste Toner	The waste toner box is not installed properly.	Re-install the waste toner box. (See Replacing the waste toner box on page 54.)
Not Available	The attempted function is restricted by Secure Function Lock 2.0.	Contact your administrator to check your Secure Function Lock Settings.
Out of Memory	The machine's memory is full.	Do one of the following:
		Press Mono Start or Color Start to copy the scanned pages. (Copy operation in progress)
		Press Stop/Exit and wait until the other operations in progress finish, and then try again.
		■ Reduce print quality. (See Advanced tab in the Software User's Guide.)
		Add optional memory. (See Memory board in Appendix B of the Advanced User's Guide.)
Print Unable XX	The machine has a mechanical	Do one of the following:
(XX=Error Code)	problem.	Turn the power switch off, wait a few minutes, and then turn it on again.
		If the problem continues, call your Brother dealer.

Error Message	Cause	Action
Registration	Registration failed.	Press Mono Start or Color Start and try again.
		Do one of the following:
		Turn off the machine's power switch. Wait a few seconds, then turn it on again.
		■ Try Manual Registration, Menu , 3 , 8 . (See <i>Manual Registration</i> on page 77.)
		Put in a new belt unit. (See Replacing the belt unit on page 49.)
		If the problem continues, call your Brother dealer.
Replace Parts Belt Unit	It is time to replace the belt unit.	Replace the belt unit. (See Replacing the belt unit on page 49.)
Replace Parts	It is time to replace the drum unit.	Replace the drum unit.
Drum		(See Replacing the drum unit on page 44.)
	The drum unit counter was not	Reset the drum unit counter.
	reset when a new drum was installed.	(See Resetting the drum counter on page 49.)
Replace Parts Fuser Unit	It is time to replace the fuser unit.	Call your Brother dealer or a Brother Authorized Service Center to replace the fuser unit.
Replace Parts PF Kit 1	It is time to replace the paper feeding kit.	Call your Brother dealer or a Brother Authorized Service Center to replace the PF Kit.
PF Kit 2		PF NIL.
PF Kit MP		
Replace Toner	The toner cartridge is at the end of its life.	Replace the toner cartridge for the color indicated on the LCD. (See <i>Replacing a Toner cartridge</i> on page 37.)
Replace WT Box	It is time to replace the waste toner box.	Replace the waste toner box. (See Replacing the waste toner box on page 54.)
Scan Unable XX	The machine has a mechanical	■ Turn the power switch off and then turn it
(XX=Error Code)	problem.	on again. ■ If the problem continues, call your Brother dealer.
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 to let the printed paper out on the back output tray. Remove the printed pages and then press Mono Start or Color Start .
Size Error DX	The paper size defined in the printer driver is not usable for the automatic duplex printing.	Press Mono Start or Color Start . Choose a paper size which is supported by the duplex tray. (See <i>Type and size of paper</i> on page 19.)

Error Message	Cause	Action
Size mismatch	The paper in the tray is not the correct size.	Load the correct size of paper in the tray and set the "Paper Size" (Menu , 1 , 1 , 2). (See <i>Paper Size</i> on page 18.)
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 to let the printed paper out on the back output tray and then press Mono Start or Color Start .
Toner Error	One or more toner cartridges are not installed correctly.	Pull out the drum unit. Take out all the toner cartridges, and then put them back into the drum unit.
Toner Low	The toner cartridge is near the end of its life.	Buy a new toner cartridge for the color that is indicated on the LCD before you get a Replace Toner message.
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.

Document is jammed in the top of the ADF unit

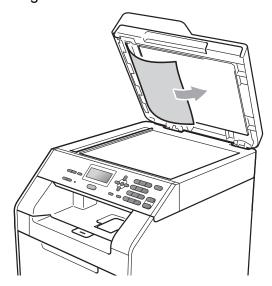
- Take out any paper from the ADF that is not jammed.
- Open the ADF cover.
- 3 Pull the jammed document out to the left.



- 4 Close the ADF cover.
- 5 Press Stop/Exit.

Document is jammed under the document cover

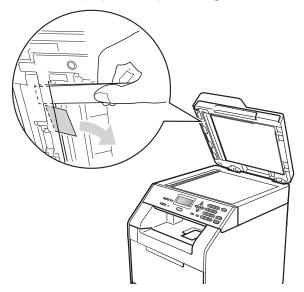
- 1 Take out any paper from the ADF that is not jammed.
- 2 Lift the document cover.
- 3 Pull the jammed document out to the right.



- 4 Close the document cover.
- 5 Press Stop/Exit.

Removing small documents jammed in the ADF

- Lift the document cover.
- 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 Stop/Exit.

Document is jammed at the output tray

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

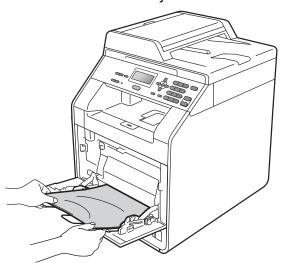


3 Press Stop/Exit.

Paper is jammed in the MP tray

If the LCD shows Jam MP Tray, follow these steps:

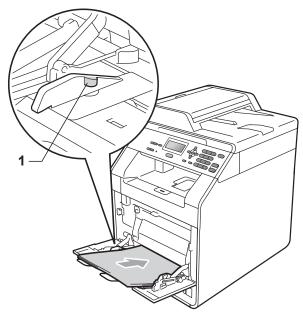
- 1 Remove the paper from the MP tray.
- Remove any jammed paper from in and around the MP tray.



3 Fan the paper stack, and then put it back in the MP tray.



When loading paper in the MP tray, make sure that the paper stays under the maximum paper height guides (1) on both sides of the tray.



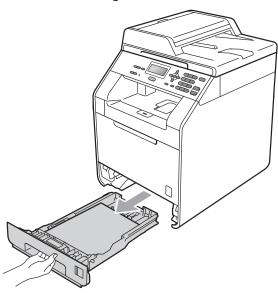
5 Press **Mono Start** or **Color Start** to resume printing.

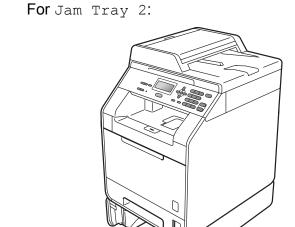
Paper is jammed in the Paper Tray 1 or Tray 2

If the LCD shows Jam Tray 1 or Jam Tray 2, follow these steps:

1 Pull the paper tray completely out of the machine.

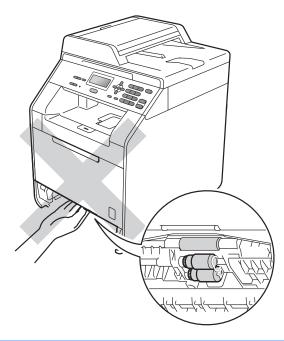
For Jam Tray 1:



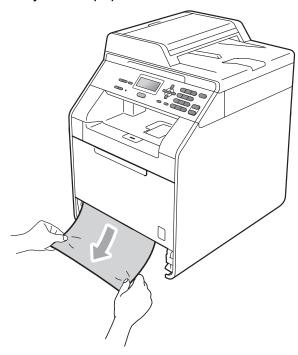


▲ WARNING

DO NOT touch the shaded parts shown in the illustration. These rollers may be rotating at high speed.



Use both hands to slowly pull out the jammed paper.



IMPORTANT

If the paper cannot easily be removed in this direction, stop and follow the instructions for *Paper is jammed inside the machine* on page 88.



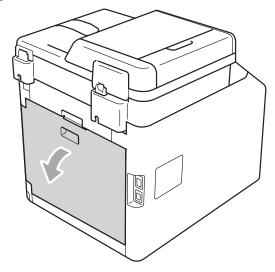
Pulling out the jammed paper downwards allows you to remove the paper easier.

- Make sure the paper is below the maximum paper mark (▼ ▼ ▼) of the paper tray. While pressing the green paper-guide release lever, slide the paper guides to fit the paper size. Make sure that the guides are firmly in the slots. (See Loading paper in the standard paper tray on page 10.)
- 4 Put the paper tray firmly back in the machine.

Paper is jammed at the back of the machine

If the LCD shows <code>Jam Rear</code>, a paper jam occurred behind the back cover. Follow these steps:

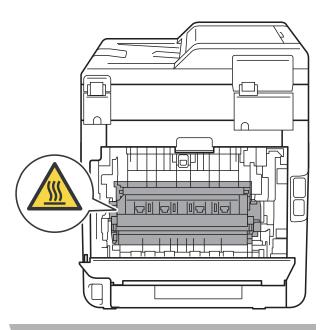
- 1 Leave the machine turned on for 10 minutes to cool down.
- 2 Open the back cover.



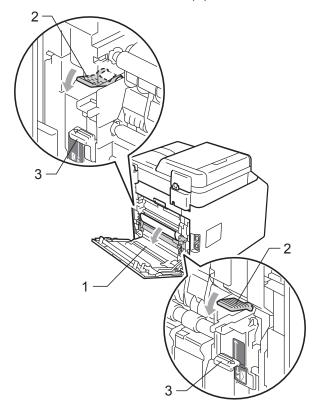
A CAUTION

MHOT 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.



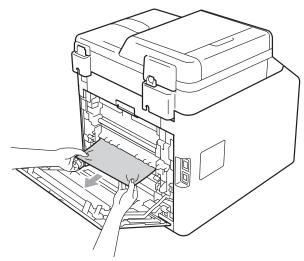
3 Pull the green tabs (2) at the left and right hand sides toward you and fold down the fuser cover (1).



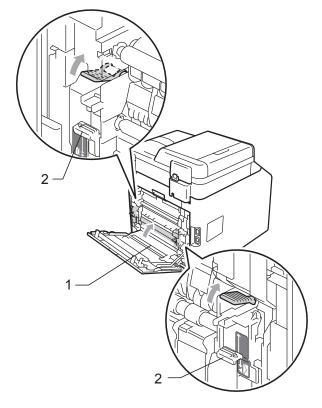


If the envelope levers (3) inside the back cover are pulled down to the envelope position, lift these levers to the original position before pulling the green tabs (2) down.

4 Using both hands, gently pull the jammed paper out of the fuser unit.



5 Close the fuser cover (1).





If you print on envelopes, pull down the envelope levers (2) to the envelope position again before closing the back cover.

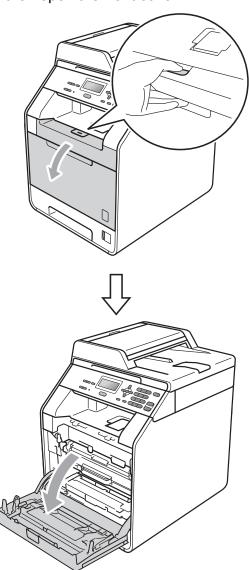
6 Fully close the back cover.

Paper is jammed inside the machine

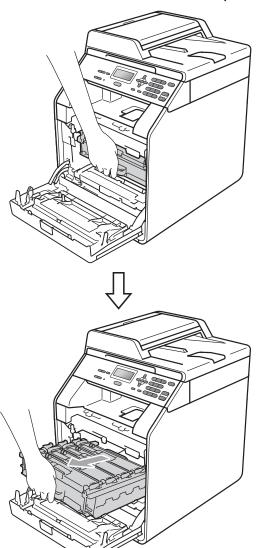
If the LCD shows Jam Inside, follow these steps:

1 Turn off the machine. Disconnect all cables, and then unplug the power cord from the electrical socket.

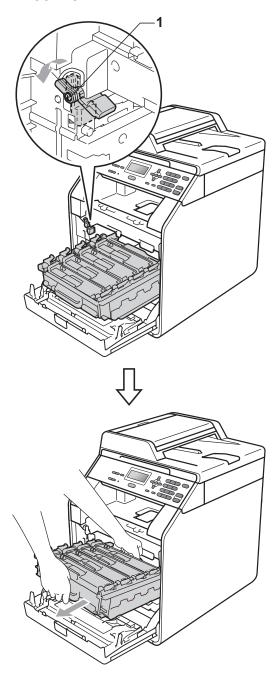
Press the front cover release button and then open the front cover.



Hold the green handle of the drum unit. Pull the drum unit out until it stops.

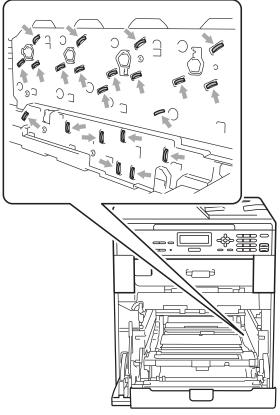


4 Turn the green lock lever (1) at the left of the machine anticlockwise to the release position. Holding the green handles of the drum unit, lift the front of the drum unit and remove it from the machine.

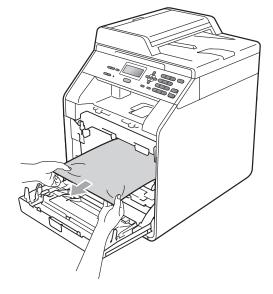


! IMPORTANT

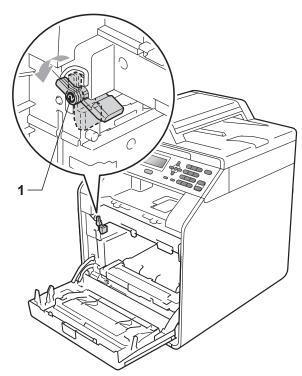
 We recommend that you place the drum unit and the toner cartridges on a clean, flat surface with a sheet of disposable paper or cloth underneath it in case you accidentally spill or scatter toner. To prevent damage to the machine from static electricity, DO NOT touch the electrodes shown in the illustration.



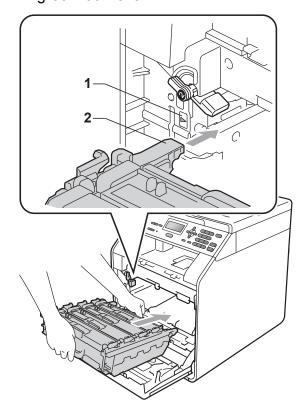
- Hold the green handles of the drum unit when you carry it. DO NOT hold the side of the drum unit.
- Dull out the jammed paper slowly.



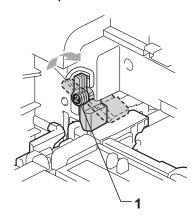
6 Make sure the green lock lever (1) is in the release position as shown in the illustration.



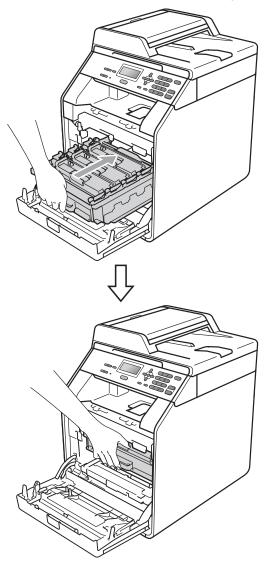
Match the guide ends (2) of the drum unit to the ▶ marks (1) on both sides of the machine, then gently slide the drum unit into the machine until it stops at the green lock lever.



8 Turn the green lock lever (1) clockwise to the lock position.



9 Push the drum unit in until it stops.



10 Close the front cover of the machine.



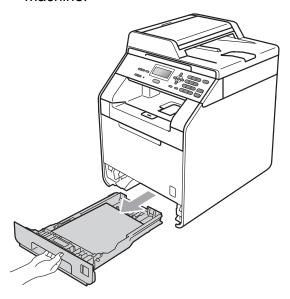
If you turn off the machine during Jam Inside, the machine will print incomplete data from your computer. Before you turn on the machine, delete the print spool job on your computer.

Plug the machine's power cord back into the electrical socket first, and reconnect all cables. Turn on the machine.

Paper is jammed underneath paper tray 1

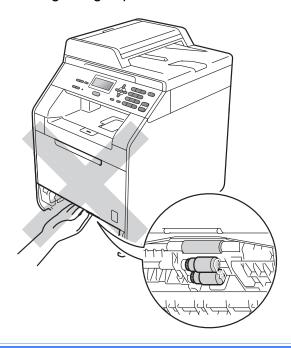
If the LCD shows Jam Duplex, follow these steps:

1 Pull the paper tray completely out of the machine.

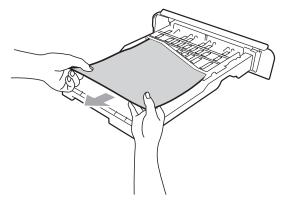


▲ WARNING

DO NOT touch the shaded parts shown in the illustration. These rollers may be rotating at high speed.



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



3 Put the paper tray firmly back in the machine.

Troubleshooting

If you think there is a problem with your machine, check the chart below and follow the troubleshooting tips.

Most problems can be easily resolved 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/.

If you are having difficulty with your machine

Check the chart below and follow the troubleshooting tips.

Copy difficulties

Difficulties	Suggestions
Can not make a copy	Contact your administrator to check your Secure Function Lock settings.
Vertical black line appears in copies.	Black vertical lines on copies are typically caused by dirt or correction fluid on the glass strip, or one or more corona wires are dirty. (See <i>Cleaning the scanner glass</i> on page 61 and <i>Cleaning the corona wires</i> on page 66.)
Copies are blank.	Make sure you are loading the document properly. (See <i>Using the automatic document feeder (ADF)</i> on page 24 or <i>Using the scanner glass</i> on page 25.)

Printing difficulties

Difficulties	Suggestions
No printout.	■ Check that the machine is plugged in and the power switch is turned on.
	Check that the toner cartridge and drum unit are installed correctly. (See Replacing the drum unit on page 44.)
	Check the interface cable connection on both the machine and your computer. (See the Quick Setup Guide.)
	Check that the correct printer driver has been installed and chosen.
	Check to see if the LCD is showing an error message. (See Error and maintenance messages on page 78.)
	■ Check the machine is online: (Windows® 7 and Windows Server® 2008 R2) Click the Start button and Devices and Printers. Right-click Brother DCP-XXXX Printer. Make sure that Use Printer Offline is unchecked. (Windows Vista®) Click the Start button, Control Panel, Hardware and
	Sound, and then Printers. Right-click Brother DCP-XXXX Printer. Make sure that Use Printer Offline is unchecked.
	(Windows [®] XP and Windows Server [®] 2003/2008) Click the Start button and choose Printers and Faxes . Right-click Brother DCP-XXXX Printer . Make sure that Use Printer Offline is unchecked.
	(Windows [®] 2000) Click the Start button and choose Settings and then Printers . Right-click Brother DCP-XXXX Printer . Make sure that Use Printer Offline is unchecked.
	■ Contact your administrator to check your Secure Function Lock settings.

Printing difficulties (continued)

Difficulties	Suggestions
The machine prints unexpectedly or it prints garbage.	Pull out the paper tray and wait until the machine stops printing. Then turn off the machine and disconnect from the power for several minutes.
	Check the settings in your application to make sure it is set up to work with your machine.
The machine prints the first couple of pages correctly, then some	Check the settings in your application to make sure that it is set up to work with your machine.
pages have text missing.	Your computer is not recognising the machine's input buffer's full signal. Make sure that you connected the interface cable correctly. (See the Quick Setup Guide.)
The headers or footers appear when the document displays on the screen but they do not show up when it is printed.	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>Scannable area</i> on page 16.)
The machine does not print on both sides of the paper even though the printer driver setting is Duplex.	Check the paper size setting in the printer driver. You need to choose A4 [60 to 105 g/m^2].
The machine is not printing or has	Press Job Cancel.
stopped printing.	As the machine cancels the job and clears it from the memory it may produce an incomplete printout.

Scanning difficulties

Difficulties	Suggestions
TWAIN errors appear while scanning.	Make sure that the Brother TWAIN driver is chosen as the primary source. In Presto! PageManager, click File , Select source and choose the Brother TWAIN driver.
OCR does not work.	Try increasing the scanning resolution.
	(Macintosh users) Presto! PageManager must be downloaded and installed before use. See Accessing Brother Support (Macintosh) on page 4 for further instructions.
Network scanning does not work.	See Network difficulties on page 96.
Cannot scan.	Contact your administrator to check your Secure Function Lock Settings.

Software difficulties

Difficulties	Suggestions
Cannot install software or print.	Run the Repair MFL-Pro Suite program on the CD-ROM. This program will repair and reinstall the software.
Cannot perform '2 in 1' or '4 in 1' printing.	Check that the paper size setting in the application and in the printer driver are the same.
The machine does not print from Adobe [®] Illustrator [®] .	Try to reduce the print resolution. (See <i>Advanced tab</i> in the <i>Software User's Guide</i> .)

Paper handling difficulties

Difficulties	Suggestions
The machine does not feed paper.	■ If there is no paper, load a new stack of paper into the paper tray.
The LCD shows No Paper or a Paper Jam message.	If there is paper in the paper tray, make sure it is straight. If the paper is curled, you should straighten it. Sometimes it is helpful to remove the paper, turn the stack over and put it back into the paper tray.
	■ Reduce the amount of paper in the paper tray, and then try again.
	■ Make sure that manual feed mode is not chosen in the printer driver.
	Clean the paper pick-up roller. See Cleaning the paper pick-up rollers on page 75.
	If the LCD shows the Paper Jam message and you still have a problem, see Error and maintenance messages on page 78.
The machine does not feed paper	■ Make sure that MP tray is chosen in the printer driver.
from the MP tray.	■ Fan the paper well and put it back in the tray firmly.
How do I print on envelopes?	You can load envelopes in the MP tray. Your application must be set up 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.)
What paper can I use?	You can use thin paper, plain paper, thick paper, bond paper, recycled paper, glossy paper, envelopes and labels that are made for laser machines. (For details, see <i>Acceptable paper and other print media</i> on page 19.)
There is a paper jam.	Clear the jammed paper. (See Error and maintenance messages on page 78.)

Print quality difficulties

Difficulties	Suggestions
Printed pages are curled.	Low quality thin or thick paper or not printing on the recommended side of the paper could cause this problem. Try turning over the stack of paper in the paper tray.
	Make sure that you choose the Paper Type that suits the print media type you are using. (See Acceptable paper and other print media on page 19.)
Printed pages are smeared.	The Paper Type setting may be incorrect for the type of print media you are using, or the print media may be too thick or have a rough surface. (See Acceptable paper and other print media on page 19 and Basic tab in the Software User's Guide.)
Printouts are too light.	If this problem occurs when making copies, set Toner Save mode to Off in the machine menu settings. (See <i>Toner Save</i> in <i>Chapter 1</i> of the <i>Advanced User's Guide</i>)
	Set Toner Save mode to Off in the Advanced tab in the printer driver. (See Advanced tab in the Software User's Guide.)
	In the Basic tab of the printer driver, click the Settings button and check the Enhance Black Printing check box.

Network difficulties

Difficulties	Suggestions
Cannot print over a wired Network.	If you are having Network problems see the <i>Network User's Guide</i> for more information.
	Make sure your machine is powered on and is on-line and in the Ready mode. Print the Network Configuration list to see your current Network settings. (See Network Configuration List in Chapter 1 of the Advanced User's Guide.) Reconnect the LAN cable to the hub to verify that the cable and network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable. You can check the current wired network status from the Network control panel menu.
The network scanning feature does not work.	(Windows®) 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:
	■ In Name: Enter any description, for example Brother NetScan.
	■ In Port number: Enter 54925.
	■ In Protocol: UDP is selected.
	Please refer to the instruction manual that came with your third-party Security/Firewall Software or contact the software manufacturer.
	For more details, you can read FAQs and troubleshooting suggestions at http://solutions.brother.com/ .
	(Macintosh) Re-select your machine in the Device Selector application located in Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector or from the model list in ControlCenter2.
Your computer cannot find your machine.	(Windows®) The firewall setting on your PC may be rejecting the necessary network connection. (For details, see the instructions above.)
	(Macintosh) Re-select your machine in the Device Selector application located in Macintosh HD/Library/Printers/Brother/Utilities/DeviceSelector or from the Model pop-up menu of ControlCenter2.

Other

Difficulties	Suggestions
The machine will not turn on.	Adverse conditions on the power connection (such as lightning or a power surge) may have triggered the machine's internal safety mechanisms. Turn the machine off and unplug the power cord. Wait for ten minutes, then plug in the power cord and turn the machine on.
	If the problem is not solved, turn off the machine. Plug the power cord into a different known working outlet and turn on the machine.

Improving the print quality

If you have a print quality problem, print a test page first (**Menu**, **3**, **2**, **3**). If the printout looks good, the problem is probably not the machine. Check the interface cable connections or 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.



Brother does not recommend the use of cartridges other than Brother Original cartridges or the refilling of used cartridges with toner from other sources.

- 1 To get the best print quality, we suggest using the recommended paper. Check that you use paper that meets our specifications. (See *Acceptable paper and other print media* on page 19.)
- 2 Check that the drum unit and toner cartridges are installed properly.

Examples of poor print quality	Recommendation
White lines, bands or ribbing across the page	■ Put in a new drum unit. (See Replacing the drum unit on page 44.)
Colors are light or unclear on the whole page	Make sure Toner Save mode is off in the control panel of the machine or the printer driver.
	■ Make sure that you choose the correct media type in the printer driver or in the machine's Paper Type menu setting. (See Acceptable paper and other print media on page 19 and Basic tab in the Software User's Guide.)
	■ Shake all four toner cartridges gently.
	■ Wipe the laser scanner windows with a dry lint-free soft cloth. (See Cleaning the laser scanner windows on page 62.)
	■ Perform the calibration. (See <i>Calibration</i> on page 76.)

Examples of poor print Recommendation quality White streaks or bands down ■ Wipe the laser scanner windows with a dry lint-free soft cloth. (See the page Cleaning the laser scanner windows on page 62.) ■ Clean the drum unit. (See *Cleaning the drum unit* on page 69.) Identify the missing color and put in a new toner cartridge. (See Replacing a Toner cartridge on page 37.) To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. Colored streaks or bands down ■ Clean all four corona wires (one for each color) inside the drum unit by sliding the green tab. (See Cleaning the corona wires on page 66.) the page ■ Make sure the corona wire green tabs are at their home positions (▲). ■ Clean the scanner glass and scanner glass strip. (See Cleaning the scanner glass on page 61.) ■ Replace the toner cartridge that matches the color of the streak or band. (See Replacing a Toner cartridge on page 37.) To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ Put in a new drum unit. (See Replacing the drum unit on page 44.) ■ If colored lines appear at 30 mm intervals, replace the toner cartridge Colored lines across the page that matches the color of the line. (See Replacing a Toner cartridge on page 37.) To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ If colored lines appear at 94 mm intervals, put in a new drum unit. (See Replacing the drum unit on page 44.) White spots or hollow print ■ Make sure that the media type settings in the printer driver and in the machine's Paper Type menu matches the type of paper you are using. (See Acceptable paper and other print media on page 19 and Basic tab in the Software User's Guide.) Check the machine's environment. Conditions such as high humidity can cause white spots or hollow print. (See To use the product safety in the Safety and Legal Booklet.)

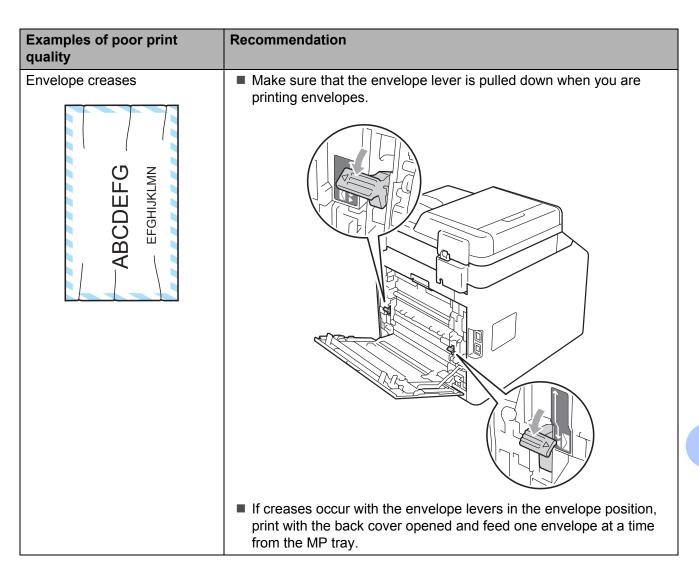
Examples of poor print Recommendation quality Completely blank or some ■ Put in a new toner cartridge. (See Replacing a Toner cartridge colors are missing on page 37.) To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ Put in a new drum unit. (See Replacing the drum unit on page 44.) ■ If the problem is not solved after printing, the drum may have foreign Colored spots at 94 mm material, such as glue from a label, stuck on the drum surface. Clean the drum unit. (See *Cleaning the drum unit* on page 69.) 94 mm ■ Put in a new drum unit. (See *Replacing the drum unit* on page 44.) 94 mm Colored spots at 30 mm ■ Identify the color causing the problem and put in a new toner cartridge. (See Replacing a Toner cartridge on page 37.) To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting 30 mm tips. 30 mm Toner scatter or toner stain ■ Check the machine's environment. Conditions such as high humidity and high temperatures may cause this print quality problem. (See Choosing a location in the Safety and Legal Booklet.) ■ Identify the color causing the problem and put in a new toner cartridge. (See Replacing a Toner cartridge on page 37.) To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips. ■ If the problem continues, put in a new drum unit. (See Replacing the

drum unit on page 44.)

Examples of poor print quality	Recommendation
The color of your printouts is not what you expected	Make sure Toner Save mode is off in the control panel of the machine or the printer driver.
	■ Perform the calibration. (See <i>Calibration</i> on page 76.)
	Adjust the color by using the custom setting in the printer driver and by using the control panel of the machine. Colors the machine can print and colors you see on a monitor are different. The machine may not be able to reproduce the colors on your monitor.
	If colors appear in the printed gray areas, make sure there is a check in the Improve Gray Color check box of the printer driver. (See Basic tab for Windows® printer driver, Advanced tab for Macintosh
	printer driver or <i>Features</i> for Macintosh BR-Script printer driver in the <i>Software User's Guide</i> .)
	If shaded areas look dull, remove the check from the Improve Gray Color check box.
	■ If a printed black graphic is too light, choose Enhance Black Printing mode in the printer driver. (See Settings Dialog for Windows® printer driver, Advanced options for Windows® BR-Script printer driver, Print Settings for Macintosh printer driver or Printer Features for Macintosh BR-Script printer driver in the Software User's Guide.)
	Identify the color causing the problem and put in a new toner cartridge. (See Replacing a Toner cartridge on page 37.)
	■ Put in a new drum unit. (See Replacing the drum unit on page 44.)
All one color	■ Put in a new drum unit. (See Replacing the drum unit on page 44.)
Color misregistration	■ Make sure that the machine is on a solid level surface.
B	■ Perform the auto color registration using the control panel (see <i>Auto Registration</i> on page 77) or perform the manual color registration using the control panel (see <i>Manual Registration</i> on page 77).
	 Put in a new drum unit. (See Replacing the drum unit on page 44.) Put in a new belt unit. (See Replacing the belt unit on page 49.)

Examples of poor print	Recommendation			
quality	Recommendation			
Uneven density appears	■ Perform the calibration. (See <i>Calibration</i> on page 76.)			
periodically across the page	Adjust the contrast or brightness when you are in copy mode. (See Adjusting Contrast, Color and Brightness in Chapter 3 of the Advanced User's Guide.)			
B	■ Identify the color that is uneven and put in a new toner cartridge for that color. (See <i>Replacing a Toner cartridge</i> on page 37.) To identify the color of the toner cartridge, visit us at http://solutions.brother.com/ to view our FAQs and troubleshooting tips.			
	■ Put in a new drum unit. (See <i>Replacing the drum unit</i> on page 44.)			
Thin lines do not print	Make sure Toner Save mode is off in the control panel of the machine or the printer driver.			
	■ Change the print resolution.			
	If you use a Windows [®] printer driver, choose Improve Pattern Printing or Improve Thin Line in Settings from the Basic tab. (See Settings Dialog in the Software User's Guide.)			
Wrinkle	Change to the recommended type of paper. (See Recommended paper and print media on page 19.)			
AdCCGG outstandOcGGETON(NCZ strajdente an) depisionroppen AdCCGG outstandOcGGETON(NCZ strajdente an) depisionroppen AdCCGG outstandOcGGETON(NCZ straidente and depisionroppen AdCCGG outstandO	■ Make sure that the back cover is closed properly.			
	Make sure that the two gray levers inside the back cover are in the up position.			
	■ Make sure that the media type settings in the printer driver and in the machine's Paper Type menu matches the type of paper you are using. (See Acceptable paper and other print media on page 19 and Basic tab in the Software User's Guide.)			
Offset image	Make sure that the media type settings in the printer driver and in the machine's Paper Type menu matches the type of paper you are using. (See Acceptable paper and other print media on page 19 and Basic tab in the Software User's Guide.)			
	Make sure that the two gray levers inside the back cover are in the up position.			
	■ Check the machine's environment. Conditions such as low humidity and low temperatures may cause this print quality problem. (See Choosing a location in the Safety and Legal Booklet.)			
	■ Put in a new drum unit. (See <i>Replacing the drum unit</i> on page 44.)			

Examples of poor print quality	Recommendation
Poor fixing	■ Make sure that the media type settings in the printer driver and in the machine's Paper Type menu matches the type of paper you are using. (See Acceptable paper and other print media on page 19 and Basic tab in the Software User's Guide.)
	Make sure that the two gray levers inside the back cover are in the up position.
	■ Choose Improve Toner Fixing mode in the printer driver. (See Other Print Options (For Windows® printer driver), Advanced options (For Windows® BR-Script printer driver), Print Settings (For Macintosh printer driver) or Printer Features (For Macintosh BR-Script printer driver) in the Software User's Guide.) If this selection does not provide enough improvement, change the printer driver setting in Media Type to a thick setting.
Curled or wavy	■ Choose Reduce Paper Curl mode in the printer driver when you do not use our recommended paper. (See Other Print Options (For Windows® printer driver), Advanced options (For Windows® BR-Script printer driver), Print Settings (For Macintosh printer driver) or Printer Features (For Macintosh BR-Script printer driver) in the Software User's Guide.)
	■ 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 avoid high temperatures and high humidity.
	Open the back cover (face-up output tray) to let the printed paper out on the back output tray.



Machine Information

Checking the Serial Number

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

- 1 Press Menu, 5, 2.
- 2 Press Stop/Exit.

Reset functions

The following reset functions are available:

- 1 Network
 - You can reset the print server back to its default factory settings such as the password and IP address information.
- 2 All Settings

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

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



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

How to reset the machine

- 1 Press Menu, 1, 8.
- Press ▲ or ▼ to choose the reset function you want to use.
 Press OK.
- 3 Do one of the following;
 - To reset the settings, press 1 and go to step 4.
 - To exit without making changes, press 2 and go to step **⑤**.

- You will be asked to reboot the machine. Do one of the following;
 - To reboot the machine press **1**. The machine will begin the reset.
 - To exit without rebooting the machine, press 2. Go to step **⑤**.
- 5 Press Stop/Exit.



You can also reset the Network settings by pressing **Menu**, **4**, **0**.

C

Menu and features

On-screen programming

Your machine has been designed to be easy to use. The LCD provides on-screen programming using the menu keys.

We have created step by step on-screen instructions to help you program your machine. Simply follow the steps as they guide you through the menu selections and programming options.

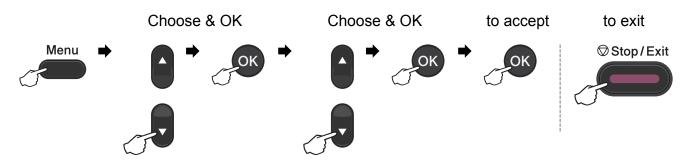
How to access the menu mode

- 1 Press Menu.
- 2 Choose an option.
 - Press 1 for General Setup menu.
 - Press 2 for Copy menu.
 - Press 3 for Printer menu.
 - Press 4 for Network menu.
 - Press **5** for Machine Info. menu.

You can also scroll through each menu level by pressing ▲ or ▼ for the direction you want.

- 3 Press **OK** when the option you want appears on the LCD.
 The LCD will then show the next menu level.
- Press ▲ or ▼ to scroll to your next menu selection.
- Press **OK**.
 When you have finished setting an option, the LCD will show Accepted.
- 6 Press Stop/Exit to exit Menu mode.

Menu table



Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
1.General	1.Paper	1.Paper Type	1.MP Tray	Thin	Sets the type of	18
Setup				Plain*	paper in the paper tray.	
				Thick		
				Thicker		
				Recycled Paper		
				Glossy Paper		
			2.Tray#1	Thin	Sets the type of	18
			Plain*	paper in the paper tray.		
				Thick		
				Thicker		
				Recycled Paper		
			3.Tray#2	Thin	Sets the type of	18
			(This menu	Plain*	paper in the paper tray.	
			only appears if you have the	Thick		
			optional	Thicker		
			tray#2.)	Recycled Paper		
	1 See Adva	nced User's Guide) .	•	•	•
	² See Quick	Setup Guide.				
	³ See Softw	are User's Guide.				
	The fact	ory settings are sh	own in Bold with	an asterisk.		



Continued Cont	paper in the paper	+				
(Continued) Legal Executive A5 A5 L A6 B5 B6 Folio 16K (197x273mm) Any Any A1 A2 A2 A3 A4 A4 A4 A4 A5 A5 L A6 B5 B6 A5 A5 L A6 B5 B6 Folio Adjusts the volume level of the beecer.		A4*	1.MP Tray	2.Paper Size	1.Paper	1.General
Legal Executive A5	tray.	Letter			(Continued)	Setup
A5 A5 L A6 B5 B6 Folio 16K(195x270mm) 16K(184x260mm) 16K(197x273mm) Anny 2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) A5 B5 B6 Folio A2* Letter Legal Executive A5 A5 L A6 B5 B6 Folio A4* Letter Legal Executive A5 A5 A5 L A6 B5 B6 Folio A4* Letter Legal Executive A5 A6 B7 B7 B8 B6 Folio Adjusts the volume level of the beeper.		Legal			(**************************************	Continued)
A5 L A6 B5 B6 Folio 16K(195x270mm) 16K(197x273mm) Any 2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Executive A5 B5 B6 Folio A4* Letter Legal Executive A5 A6 B5 B6 Folio Adjusts the volume level of the beeper.	2	Executive				
A6 B5 B6 Folio 16K(195x270mm) 16K(197x273mm) Any 2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) A5 B5 B6 Folio A6 B5 B6 Folio A4* Letter Legal Executive A5 B5 B6 Folio A4* Letter Legal Letter Legal Executive A5 A6 B7 A6 B7 A6 B7 A6 B8 A6 B8 B8 B8 B8 Folio A4* A4* Letter Legal Executive A5 A5 A6 B7 A6 B7 A6 B8 A6 B8 A6 B8		A5				
B5 B6 Folio 16K(195x270mm) 16K(197x273mm) Any 2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Legal Executive A5 B5 B6 Folio A4* Letter Legal Executive A5 B6 Folio A4* Letter Legal Executive A5 B6 Folio A4* A4* A4* Letter Legal Executive A5 B6 Folio A5 B6 Folio A5 B6 Folio Adjusts the volume level of the beeper.		A5 L				
B6 Folio 16K(195x270mm) 16K(197x273mm) Any 2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) A5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.		A6				
Folio 16K(195x270mm) 16K(184x260mm) 16K(197x273mm) Any 2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.		В5				
16K(195x270mm) 16K(184x260mm) 16K(197x273mm) Any 2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) B6 B7 B8 B8 B9		В6				
2. Tray#1 2. Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3. Tray#2 (This menu only appears if you have the optional tray#2.) A5 B5 B6 Folio 2. Beeper — Off Adjusts the volume level of the beeper.		Folio				
2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.	70mm)	16K(195x270mm)				
2.Tray#1 2.Tray#1 A1* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) A2.Beeper A6 B5 B6 Folio A2.Beeper A4* Letter Legal Executive A5 B5 B6 Folio A4* A4* Letter Legal Executive A5 B5 B6 Folio Adjusts the volume level of the beeper.	50mm)	16K(184x260mm)				
2.Tray#1 A4* Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Executive A5 B5 B6 Folio A2* Sets the size of the paper in the paper tray. Sets the size of the paper tray. Sets the size of the paper in the paper tray. Sets the size of the paper tray. A4* Letter Legal Executive A5 B5 B6 Folio A5 B6 Folio Adjusts the volume level of the beeper.	73mm)	16K(197x273mm)				
Letter Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Legal Executive A5 B5 B6 Folio 2.Beeper — Off Letter Legal Executive A5 A6 B5 B6 Folio Adjusts the volume level of the beeper.		Any				
Legal Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Legal Executive A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.	Sets the size of the 18	A4*	2.Tray#1			
Executive A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Bega1 Executive A5 B6 Folio Sets the size of the paper in the paper tray. Legal Executive A5 B5 B6 Folio Adjusts the volume level of the beeper.		Letter				
A5 A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Executive A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.	tray.	Legal				
A5 L A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Executive A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.	٤	Executive				
A6 B5 B6 Folio 3.Tray#2 (This menu only appears if you have the optional tray#2.) Legal Executive A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.		A5				
3.Tray#2 (This menu only appears if you have the optional tray#2.) 2.Beeper — Off Adjusts the volume level of the beeper.		A5 L				
3. Tray#2 (This menu only appears if you have the optional tray#2.) 2. Beeper — Off Adjusts the volume level of the beeper.		A6				
This menu only appears if you have the optional tray#2.) 2.Beeper — — Off Adjusts the volume level of the beeper.		В5				
3.Tray#2 (This menu only appears if you have the optional tray#2.) 2.Beeper — Off Adjusts the volume level of the beeper.		В6				
(This menu only appears if you have the optional tray#2.) 2.Beeper — Off Adjusts the volume level of the beeper.		Folio				
control only appears if you have the optional tray#2.) Legal Executive A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.	Sets the size of the 18	A4*	3.Tray#2			
only appears if you have the optional tray#2.) Legal Executive A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.		Letter	(This menu			
you have the optional tray#2.) Executive A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.	tray.		only appears if			
tray#2.) A5 B5 B6 Folio 2.Beeper — Off Adjusts the volume level of the beeper.		_				
2.Beeper — Off Adjusts the volume level of the beeper.	ž	Executive				
2.Beeper — Off Adjusts the volume level of the beeper.		A5	uay#2.)			
2.Beeper — Off Adjusts the volume level of the beeper.		B5				
2.Beeper — Off Adjusts the volume level of the beeper.		B6				
2.Beeper — Off Adjusts the volume level of the beeper.						
level of the beeper.					_	
Low level of the beeper.		Off	_	-	2.Beeper	
	level of the beeper.	Low				
Med*		Med*				
High		High				

See Software User's Guide.



Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
1.General Setup (Continued)	3.Ecology	1.Toner Save	_	On Off*	Increases the page yield of the toner cartridge.	See ¹ .
		2.Sleep Time	_	Range varies depending on models.	Conserves power.	
				003Min*		
	4.Tray Use	1.Copy	_	Tray#1 Only	Chooses the tray that	18
				Tray#2 Only	will be used for Copy mode.	
				MP Only		
				MP>T1>T2*		
				T1>T2>MP		
				(Tray#2 or T2 appears only if you installed the optional paper tray.)		
		2.Print	_	Tray#1 Only	Chooses the tray that will be used for Print mode.	19
				Tray#2 Only		
				MP Only		
				MP>T1>T2*		
				T1>T2>MP		
				(Tray#2 or T2 appears only if you installed the optional paper tray.)		
	5.LCD	_	_	-□□□□■+	Adjusts the contrast	See ¹ .
Contrast	Contrast			+	of the LCD.	
				-□□■□□+*		
				-□■□□□+		
				-■□□□□+		
	¹ See Advan	ced User's Guide).	-		•
	² See Quick	Setup Guide.				
	3 See Softwa	re User's Guide.				
	The facto	ry settings are sh	own in Bold with	an asterisk		



Level 1	Level 2	Level 3	Level 4	Options	Descriptions	Page
Setup (Continued)	6.Function Lock	_	_	_	Can restrict selected machine operation for up to 25 individual users and all other non-authorized Public users.	See ¹ .
	7.Document Scan	1.Glass ScanSize	_	A4* Letter	Adjusts the scan area of the scanner glass to the size of the document.	See ³ .
	2.1	2.File Size	1.Color	Small	You can set your own	See ³ .
				Middle*	default settings of the data compression	
				Large	rate.	
			2.Gray	Small		
				Middle*		
				Large		
	8.Reset	1.Network	_	1.Reset	Restores all network	104
				2.Exit	settings to factory default.	
		2.All	_	1.Reset	Restores all the	
		Settings		2.Exit	machine settings to factory default.	
	0.Local Language	_	_	(Choose your language.)	Allows you to change the LCD language for your country.	See ² .

See Quick Setup Guide.

See Software User's Guide.



Level 1	Level 2	Level 3	Options	Descriptions	Page
2.Copy	1.Quality	_	Auto*	You can choose the	See ¹ .
			Text	Copy resolution for your type of	
			Photo	document.	
			Graph		
	2.Brightness	_	-□□□□■+	Adjust the brightness	
			-□□□■□+	for copies.	
			-□□■□□+*		
			-□■□□□+		
			-■□□□□+		
	3.Contrast	_	-□□□□■+	Adjusts the contrast	
			-□□□■□+	for copies.	
			-□□■□□+*		
			-□■□□□+		
			-■□□□□+		
	4.Color Adjust	1.Red	-□□□□■+	Adjusts the red color for copies.	
			-□□□■□+		
			-□□■□□+*		
			-□■□□□+		
			-∎□□□□+		
		2.Green	-□□□□■+	Adjusts the green	
			-□□□■□+	color for copies.	
			-□□■□□+*		
			-□■□□□+		
			-∎□□□□+		
		3.Blue	-□□□□■+	Adjusts the blue color	
			-□□□■□+	for copies.	
			-□□■□□+*		
			-□■□□□+		
			-∎□□□+		
	¹ See Advanced	User's Guide.			
	The factory se	ettings are shown in B	old with an asterisk.		

Level 1	Level 2	Level 3	Options	Descriptions	Page
3.Printer	1.Emulation	_	Auto* HP LaserJet	Chooses the emulation mode.	See ¹
			BR-Script 3	Delete e Pet ef the	
	2.Print Options	1.Internal Font	1.HP LaserJet	Prints a list of the machine's internal	
			2.BR-Script 3	fonts.	
		2.Configuration	_	Prints a list of the machine's printer settings.	
		3.Test Print	_	Prints a test page.	
	3.Duplex	_	Off*	Enables or disables	
			On(Long Edge)	duplex printing. You can also choose long	
			On(Short Edge)	edge or short edge duplex printing.	
	4.Output Color	_	Auto*	Chooses color or	
			Color	black & white printed documents. If you	
			B&W	choose Auto, the machine selects a suitable option for the document (Color or	
				B&W).	
	5.Reset Printer	_	1.Reset	Restores the printer	
			2.Exit	settings to the original factory default settings.	
	6.Calibration	_	Calibrate	Adjusts the color	76
			Reset	density or returns the color calibration to the factory settings.	
	7.Auto Regist.	_	1.Start	Adjust the print	77
			2.Exit	position of each color automatically.	
	1 See Software U	l Iser's Guide.	1	actornationly.	



Level 1	Level 2	Level 3	Options	Descriptions	Page
3.Printer (Continued)	8.Manual Regist.	1.Print Chart	_	Print the chart to manually check the registration of the colors.	77
		2.Set Regist.	1 Magenta Left	Sets the correction	
			2 Cyan Left	value on the chart you printed from	
			3 Yellow Left	Print Chart.	
			4 Magenta Center		
			5 Cyan Center		
			6 Yellow Center		
			7 Magenta Right		
			8 Cyan Right		
			9 Yellow Right		
	9.Frequency	_	Normal*	Sets the interval time	77
			Low	you want to carry out the auto registration	
			Off	and the calibration.	
	¹ See Software U	Jser's Guide.			•
	The factory se	ettings are shown in B	old with an asterisk.		

Level 1	Level 2	Level 3	Level 4	Options	Descriptions
4.Network	1.TCP/IP	1.Boot Method	_	Auto* Static RARP	Chooses the BOOT method that best suits your needs.
				BOOTP	
		2.IP Address	_	DHCP [000-255]. [000-255]. [000-255].	Enter the IP address.
		3.Subnet Mask	_	[000-255]. [000-255]. [000-255]. [000-255]	Enter the Subnet mask.
		4.Gateway	_	[000-255]. [000-255]. [000-255].	Enter the Gateway address.
		5.Node Name	_	BRNXXXXXXXXXXX	Enter the Node name.
		6.WINS Config	_	Auto* Static	Chooses the WINS configuration mode.
		7.WINS Server	_	Primary	Specifies the IP
				[000-255]. [000-255]. [000-255]	address of the primary or secondary WINS server.
				Secondary	
				[000-255]. [000-255]. [000-255].	
		8.DNS Server	_	Primary [000-255].[000-255]. [000-255].[000-255] Secondary [000-255].[000-255].	Specifies the IP address of the primary or secondary DNS server.
				[000-255]. [000-255]	
		9.APIPA	_	On* Off	Automatically allocates the IP address from the link-local address range.
		0.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.
	See Network U	Jser's Guide.			
	The factor	ory settings are show	n in Bold with an	asterisk.	

Level 1	Level 2	Level 3	Level 4	Options	Descriptions
4.Network	2.Ethernet	_	_	Auto*	Chooses the Ethernet
(Continued)				100B-FD	link mode.
				100B-HD	
				10B-FD	
				10B-HD	
	3.Status	_	_	Active 100B-FD	Shows the Ethernet
				Active 100B-HD	link status.
				Active 10B-FD	
				Active 10B-HD	
				Inactive	
	4.MAC Address	_	_	_	Shows the MAC address of the machine.
	5.Scan To FTP	_	_	Color 100 dpi*	Chooses the file
				Color 200 dpi	format to send the scanned data via
				Color 300 dpi	FTP.
				Color 600 dpi	
				Gray 100 dpi	
				Gray 200 dpi	
				Gray 300 dpi	
				B&W 200 dpi	
				B&W 200x100 dpi	
	6.ScanTo	_	_	Color 100 dpi*	You can scan a black
	Network			Color 200 dpi	and white or color document directly to a
				Color 300 dpi	CIFS server on your
				Color 600 dpi	local network or on the internet.
				Gray 100 dpi	
				Gray 200 dpi	
				Gray 300 dpi	
				B&W 200 dpi	
				B&W 200x100 dpi	
	0.Network	1.Reset	_	1.Yes	Restore all network
	Reset			2.No	settings to factory default.
		2.Exit	_	_	

Level 1	Level 2	Level 3	Options	Descriptions	Page
5.Machine Info.	1.Date&Time	1.Date&Time	_	Puts the date and time on the LCD.	See ² .
		2.Time Zone	UTCXXX:XX	Sets the time zone for your country.	See ³ .
	2.Serial No.	_	_	You can check the serial number of your machine.	104
	3.Page Counter	_	Total	You can check the	See ¹ .
			List	number of total pages the machine has	
			Сору	printed during its life.	
			Print		
	4.User Settings	_	_	Lists your settings.	
	5.Network Config	_	_	Lists your Network settings.	
	6.Drum Dot Print	_	_	Prints the drum dot check sheet.	69
	7.Parts Life	1.Drum	_	You can check the	See ¹ .
		2.Belt Unit	_	percentage of a machine part's life	
		3.Fuser	_	that remains	
		4.Laser	_	available.	
		5.PF Kit MP	_	(PF Kit 2 appears only	
		6.PF Kit 1	_	if you installed the optional paper tray.)	
		7.PF Kit 2	-		

- See Advanced User's Guide.
- See Quick Setup Guide.
- See Network User's Guide.



Entering text

When setting certain menu selections, you will need to type text characters. The numeric keys have letters printed on them. The keys: $\mathbf{0}$, $\mathbf{\#}$ and $\mathbf{*}$ do *not* have printed letters because they are used for special characters.

Press the appropriate numeric key the number of times shown in this reference table to access the character you want.

Press Key	one time	two times	three times	four times	five times	six times	seven times	eight times	nine times
1	@		1	1	@		1	1	@
2	а	b	С	Α	В	С	2	а	b
3	d	е	f	D	Е	F	3	d	е
4	g	h	i	G	Н	I	4	g	h
5	j	k	1	J	K	L	5	j	k
6	m	n	0	M	Ν	0	6	m	n
7	р	q	r	s	Р	Q	R	S	7
8	t	u	٧	Т	U	V	8	t	u
9	W	X	у	Z	W	Χ	Y	Z	9

For menu selections that do not allow lower case character selection, please use this reference table.

Press Key	one time	two times	three times	four times	five times
2	Α	В	С	2	Α
3	D	Е	F	3	D
4	G	Н	I	4	G
5	J	K	L	5	J
6	М	N	0	6	М
7	Р	Q	R	S	7
8	Т	U	V	8	Т
9	W	Χ	Υ	Z	9

Inserting spaces

To enter a space in a number, press ▶ once between numbers. To enter a space in a name, press ▶ twice between characters.

Making corrections

If you entered a letter incorrectly and want to change it, press ◀ or ▶ to move the cursor to the incorrect character, and then press **Clear**.

Repeating letters

To enter a character on the same key as the previous character, press ▶ to move the cursor right before pressing the key again.

Special characters and symbols

Press *, # or 0, then press ◀ or ▶ to move the cursor to the symbol or character you want. Press OK to choose it. The symbols and characters below will appear depending on your menu selection.

Press *	for	(space)!"#\$%&'()*+,/
Press#	for	:;<=>?@[]^_\~' {}
Press 0	for	ÄËÖÜÀÇÈÉO

Conversion and Enter Characters

You can register your name in Chinese or English in this machine, you can switch between the alphabet input mode and the Chinese-entry mode by pressing ▲ button, the current input mode will appear in the lower right corner of LCD. Simplified Chinese can be converted from Pinyin entry.

For example, if you want to enter "Good 公司", follow the below procedures:

1 Make sure you are in the alphabet input mode.

will appear in the lower right corner.

Press [₄

] repeatedly until showing G, and press ▶.

By pressing the correct button repeatedly, you can access the character you want, and press ▶.

If you need to enter a letter that is NOT on the same button as the letter before it, you needn't press ▶, just press the correct button.

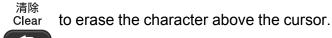
2 Press ▲ to enter the Chinese-entry mode.

will appear in the lower right corner.

Press [◀•] one time until showing Pinyin g, and press ▶, the cursor move to the next. By pressing the correct button repeatedly, you can access the Pinyin you want. In actual operation of entering Pinyin, some Chinese words and phrases appear in the lower part of LCD, then press ▼, the cursor come to this lower part.

3 Press ▲, ▼, ◀ or ▶ to move the cursor to choose " 公司 " which you exactly want. Press **OK** to complete.

During the above operation, you can press



Specifications

General

Printer Type Laser

Print Method Electrophotography by semiconductor laser beam scanning

Memory Capacity 128 MB

LCD (liquid crystal

display)

15 characters × 5 lines (2 bytes)

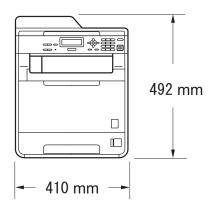
Power Source 220 - 240 V AC 50/60Hz

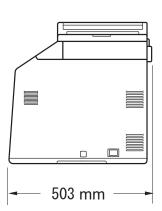
Power Consumption ¹ Peak: 1200 W

Copying (Average): Approx. 570 W ²

Deep Sleep (Average): Approx. 1.2 W Ready (Average): Approx. 70 W

Dimensions





Weight With Consumables: 26.5 kg

Noise level Sound power

Operating LWAd = 6.82 B (A)

(Color Printing):

Operating LWAd = 6.74 B (A)

(Monochrome Printing):

Standby: LWAd = 4.8 B (A)

¹ USB connection to PC

When making a copy from one sheet

Sound pressure

Operating (Printing): LPAm = 57 dB (A)
Standby: LPAm = 33 dB (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)

Up to 35 pages (Staggered) [80 g/m²]

ADF (automatic document

feeder)

Document Size

Document Size (Single-sided)

ADF Width: 147.3 to 215.9 mm

ADF Length: 147.3 to 356.0 mm

Scanner Glass Max. 215.9 mm

Width:

Scanner Glass Max. 297 mm

Length:

Print media

Paper Input Paper Tray

■ Paper Type: Plain paper, Thin paper or Recycled paper

■ Paper Size: Letter, A4, B5 (ISO/JIS), A5,

A5 (Long Edge), B6 (ISO), A6, Executive,

Legal and Folio

■ Paper Weight: 60 to 105 g/m²

■ Maximum Paper Tray Up to 250 sheets of 80 g/m²

Capacity: Plain paper

Multi-purpose tray (MP tray)

■ Paper Type: Envelope, Env. Thin, Env. Thick, Labels ¹,

Glossy paper, Thin paper, Thick paper,

Thicker paper, Recycled paper, Bond paper or Plain paper

■ Paper Size: Width: 69.8 to 216 mm

Length: 116 to 406.4 mm

■ Paper Weight: 60 to 163 g/m^{2 2}

■ Maximum Paper Tray Up to 50 sheets of 80 g/m²

Capacity: Plain paper

Paper Tray 2 (option)

■ Paper Type: Plain paper, Thin paper or Recycled paper

■ Paper Size: Letter, A4, B5 (ISO/JIS), A5, B6 (ISO),

Executive, Legal and Folio

■ Paper Weight: 60 to 105 g/m²

■ Maximum Paper Tray Up to 500 sheets of 80 g/m²

Capacity: Plain paper

Paper Output Face-Down Output Tray Up to 150 sheets (face-down print delivery

to the output paper tray)

Face-Up Output Tray

One sheet (face-up print delivery to the

Face-up output tray)

Duplex Printing

Manual Duplex: YesAutomatic Duplex: YesPaper Size A4

■ Paper Size (Automatic Duplex):

■ Paper Weight 60 to 105 g/m²

(Automatic Duplex):

■ Paper Type Plain paper, Thin paper, Recycled paper or

(Automatic Duplex): Glossy paper

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

² 60 to 105 g/m² for duplex print.

Copy

Color/Black Yes/Yes

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 1200×600 dpi

First Copy Out Time Less than 19 seconds (from the READY mode and standard

(Monochrome) tray)

First Copy Out Time Less than 21 seconds (from the READY mode and standard

(Color) tray)

Scanner

Color/Black Yes/Yes

TWAIN Compliant Yes (Windows® 2000 Professional/Windows® XP/

Windows® XP Professional x64 Edition/Windows Vista®/

Windows® 7)

Mac OS X 10.4.11 - 10.6.x 1

WIA Compliant

Yes (Windows® XP/Windows Vista®/Windows® 7)

Color Depth 48 bit internal / 24 bit external color

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

Grayscale 256 levels

For the latest driver updates for the Mac OS X you are using, visit us at http://solutions.brother.com/.

Maximum 1200×1200 dpi scanning with the WIA driver in Windows[®] XP (resolution up to 19200×19200 dpi can be chosen by using the scanner utility)

Printer

Automatic 2-sided Yes

(Duplex) Print

Emulations

PCL6, BR-Script3 (PostScript[®] 3™)

Resolution 600 dpi \times 600 dpi, 2400 dpi (2400 \times 600) quality

Print Speed Up to 14 sides/minute (Up to 7 sheets/minute)

(Monochrome Duplex) (A4 size)

Print Speed Up to 14 sides/minute (Up to 7 sheets/minute)

(Color Duplex) (A4 size)

Print Speed Up to 24 pages/minute (A4 size) ¹

(Monochrome)

Print Speed Up to 24 pages/minute (A4 size) ¹

(Color)

First Print Out Time Less than 16 seconds (from the READY mode and standard tray)

(Monochrome)

First Print Out Time Less than 16 seconds (from the READY mode and standard tray)

(Color)

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

Interfaces

USB It is recommended to use a USB 2.0 cable (Type A/B) that is no more

than 2 meters long. 12

Ethernet ³ Use an Ethernet UTP cable category 5 or greater.

- 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 See *Network (LAN)* on page 130 and the Network User's Guide for detailed network specifications.

Computer requirements

Minimum System Requirements and Supported PC Software Functions								
Computer Platform & Operating System Version		Processor Minimum Speed	Minimum RAM	Recommended RAM	Hard Disk Space to install		Supported PC	Supported PC
					For Drivers	For Applications	Software Functions	Interface ³
Windows [®] Operating System ¹	Windows [®] 2000 Professional	Intel [®] Pentium [®] II or equivalent	64 MB	256 MB	150 MB	500 MB	Printing, Scanning	USB, 10/100 Base Tx
•	Windows [®] XP Home ² ⁴ Windows [®] XP Professional ² ⁴		128 MB					(Ethernet)
	Windows [®] XP Professional x64 Edition ^{2 4}	64-bit (Intel [®] 64 or AMD64) supported CPU	256 MB	512 MB				
	Windows Vista ^{® 4}	Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU	512 MB	1 GB	500 MB	1.2 GB		
	Windows [®] 7 ⁴	Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU	1 GB (32-bit) 2 GB (64-bit)	1 GB (32-bit) 2 GB (64-bit)	650 MB			

	Minimum System Requirements and Supported PC Software Functions							
Computer Platform & Operating System Version		Processor Minimum Speed	Minimum RAM	Recommended RAM	Hard Disk Space to install		Supported PC	Supported PC
					For Drivers	For Applications	Software Functions	Interface ³
Windows [®] Operating System ¹	Windows Server® 2003 (print only via network)	Intel [®] Pentium [®] III or equivalent	256 MB	512 MB	50 MB	N/A	Printing	10/100 Base Tx (Ethernet)
	Windows Server® 2003 x64 Edition (print only via network)	64-bit (Intel [®] 64 or AMD64) supported CPU						
	Windows Server® 2008 (print only via network)	Intel [®] Pentium [®] 4 or equivalent 64-bit (Intel [®] 64 or AMD64) supported CPU	512 MB	2 GB				
	Windows Server [®] 2008 R2 (print only via network)	64-bit (Intel [®] 64 or AMD64) supported CPU						
Macintosh Operating System	Mac OS X 10.4.11 10.5.x	PowerPC G4/G5 Intel [®] Core™ Processor	512 MB	1 GB	80 MB	400 MB	Printing, Scanning	USB, 10/100 Base Tx
	Mac OS X 10.6.x	Intel [®] Core™ Processor	1 GB	2 GB				(Ethernet)

¹ Internet Explorer[®] 6.0 or greater.

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

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

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

³ Third party USB ports are not supported.

Presto! PageManager on the CD-ROM supports Microsoft[®] Windows[®] 2000, Windows[®] XP, Windows Vista[®] and Windows[®] 7.

Consumable items

Toner Cartridge Life Standard Toner Cartridge:

TN-370BK (Black): Approx. 2,500 pages (A4) ¹
TN-370C (Cyan): Approx. 1,500 pages (A4) ¹

TN-370C (Cyan): Approx. 1,500 pages (A4) ¹
TN-370M (Magenta): Approx. 1,500 pages (A4) ¹

TN-370M (Magenta): Approx. 1,500 pages (A4) ¹
TN-370Y (Yellow): Approx. 1,500 pages (A4) ¹

High Capacity Toner Cartridge:

TN-378BK (Black): Approx. 6,000 pages (A4) ¹

TN-375C (Cyan): Approx. 3,500 pages (A4) ¹

TN-375M (Magenta): Approx. 3,500 pages (A4) ¹

TN-375Y (Yellow): Approx. 3,500 pages (A4) ¹

Drum Unit DR-370CL Approx. 25,000 pages (A4) ²

Belt Unit BU-300CL Approx. 50,000 pages (A4)

Waste Toner Box WT-300CL Approx. 50,000 pages (A4)

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



- Brother does not recommend the use of consumables other than genuine Brother consumables.
- Your machine warranty may not cover any damage arising from the use of non genuine Brother consumables.

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

Network (LAN)



For details about the full Network specifications, see Network User's Guide.

LANYou can connect your machine to a network for Network Printing and

Network Scanning ¹. Also included is Brother BRAdmin Light ² Network

Management software.

Wired Network Security

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

See Computer requirements on page 127.

² BRAdmin Professional and Web BRAdmin are available as a download from http://solutions.brother.com/.

Index

A	F
ADF (automatic document feeder) using24	Folio
Apple Macintosh See Software User's Guide.	G
В	Grayscale124
Belt unit	H
replacing49	HELP LCD messages
C	Menu Table106
Cleaning corona wires66	L
drum unit69	Labels12, 20, 22
laser scanner windows62	LCD (liquid crystal display)6, 105
scanner61	
Consumable items34, 35, 36	M
Control panel overview6	
ControlCenter2 (for Macintosh)	Machine information
See Software User's Guide.	how to reset the machine 104
ControlCenter4 (for Windows®)	reset functions 104
See Software User's Guide.	serial number104
Сору	status LED 8
keys6	Macintosh
•	See Software User's Guide.
D	Maintenance, routine 60
	replacing
Document	belt unit49
how to load24, 25	drum unit43
Drum unit	toner cartridge37
cleaning	waste toner box54
replacing43	Menu Table106
ropidonig	Mode, entering
E	copy
	scan7
Envelopes13, 20, 21, 22	
Error messages on LCD78	N
Init Unable XX80	14
No Paper81	Network
Out of Memory81	printing
Print Unable XX81	See Network User's Guide.
Scan Unable XX82	
00aii 01iabic AA02	scanning See Software User's Guide

O Out of Memory message81 Scanner glass using25 Scanning See Software User's Guide. Secure kev7 Paper 19, 121 Status LED8 how to load10 in multi-purpose tray12 in paper tray10 recommended 19, 20 tray capacity20 Toner cartridge type 18, 19 replacing 37 Presto! PageManager See Software User's Guide. See also Help document jam83, 84 in the Presto! PageManager application. error messages on LCD78 Print if you are having difficulty difficulties93 copy quality93 drivers125 network 96 quality 95, 97 paper handling95 resolution125 print quality95, 97 specifications125 printing 93 **Printing** scanning 94 See Software User's Guide. software 94 Programming your machine105 maintenance messages on LCD 78 paper jam84, 85, 86, 88, 91 Quality printing95, 97 Volume, setting beeper 9 R W Replacing belt unit49 Waste toner box drum unit43 replacing54 Windows[®] toner cartridge37 See Software User's Guide. waste toner box54 Resolution copy123 print125

scan124



The machine is approved for use in the country of purchase only, local Brother companies or their dealers will only support machines purchased in their own countries.