

Clearing original document jams

When an original document jams in the document feeder, a warning message appears on the display.

 To avoid tearing the document, remove the jammed document slowly and carefully.

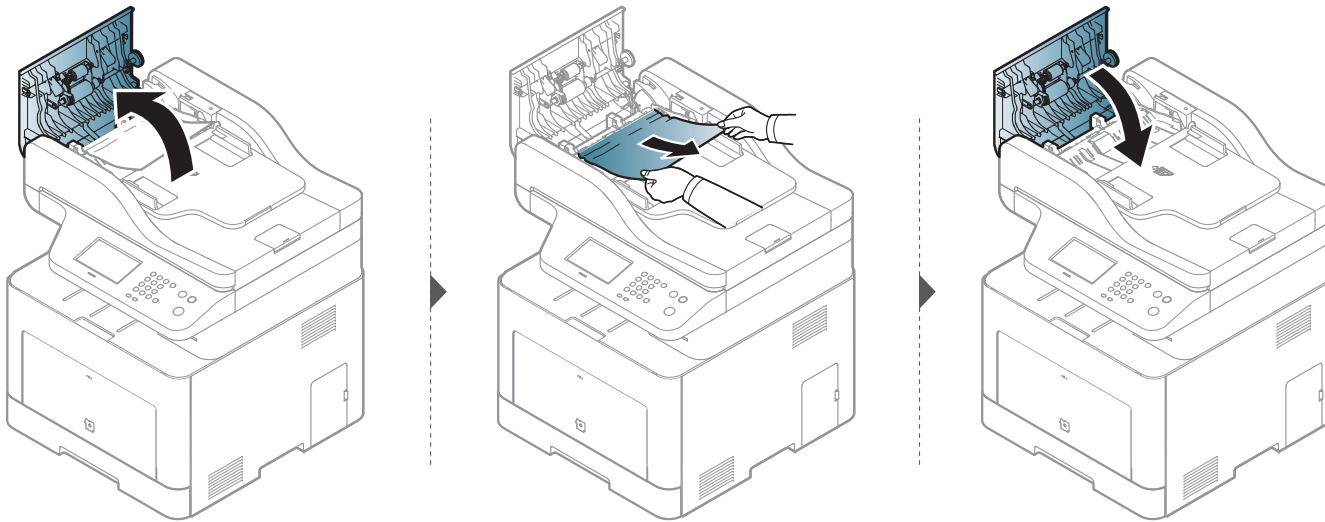
 To prevent document jams, use the scanner glass for thick, thin or mixed paper- originals.

Clearing original document jams

Original paper jam in front of scanner



- Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 21).
- This troubleshooting may not be available depending on model or optional goods (see "Variety feature" on page 8).

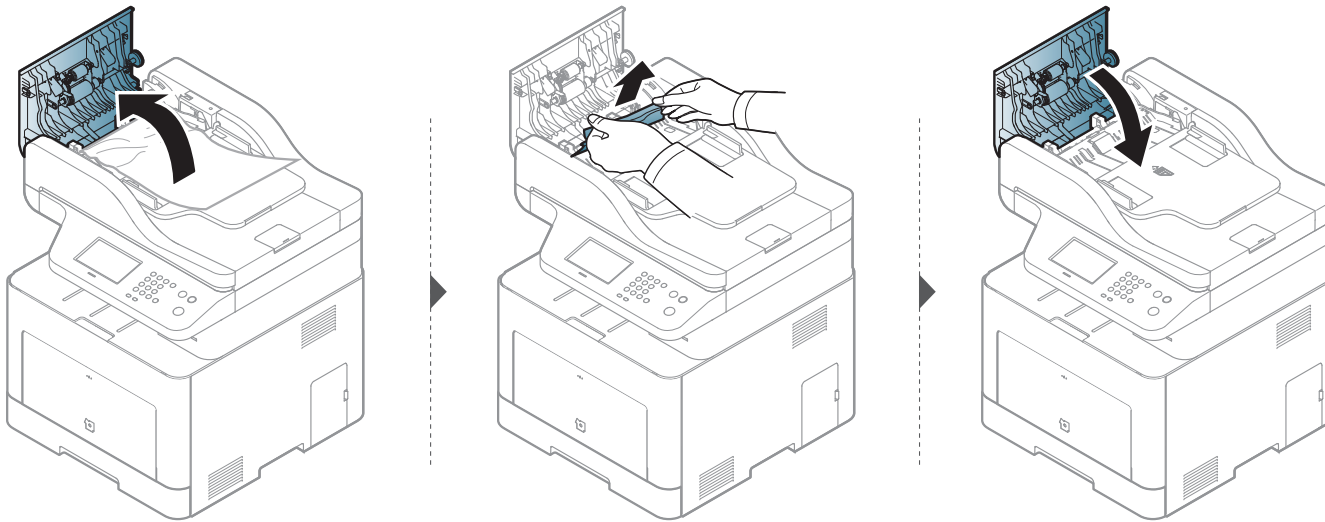


Clearing original document jams

Original paper jam inside of scanner



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- This troubleshooting may not be available depending on model or optional goods (see "Variety feature" on page 8).



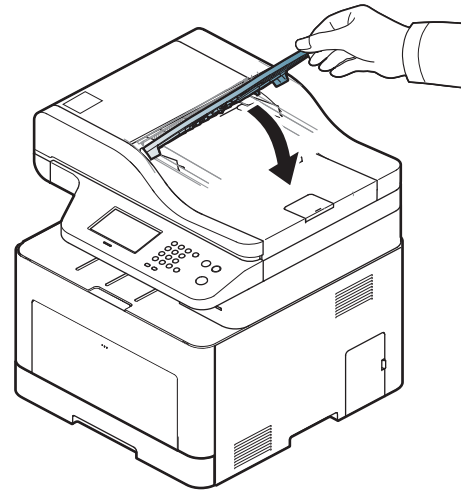
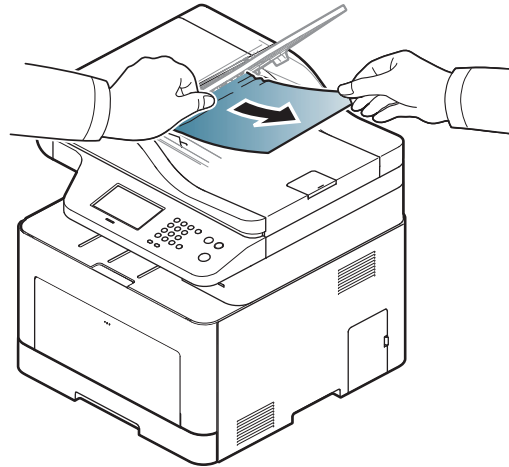
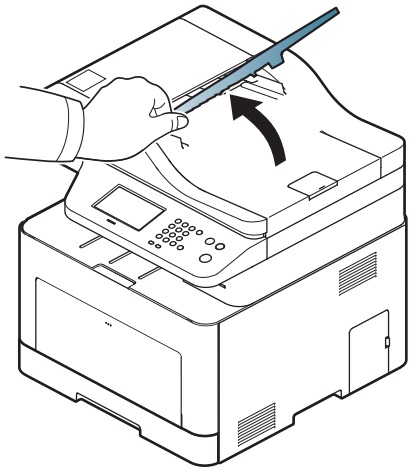
Clearing original document jams

Original paper jam in exit area of scanner



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- This troubleshooting may not be available depending on model or optional goods (see "Front view" on page 21).

- 1 Remove any remaining pages from the document feeder.
- 2 Gently remove the jammed paper from the document feeder.

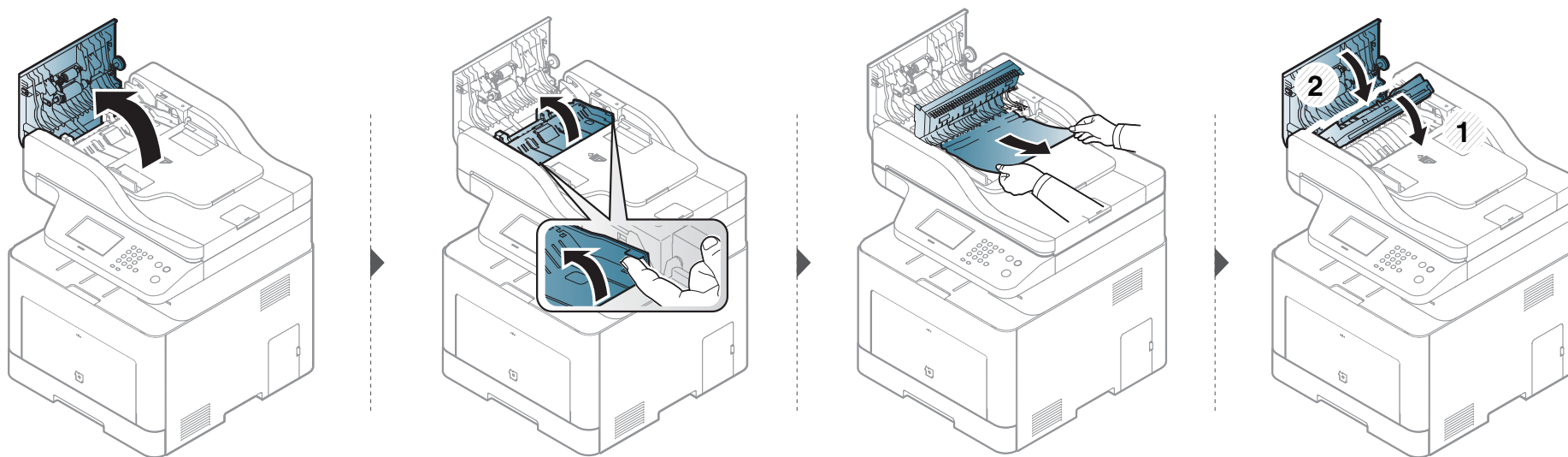


Clearing original document jams

Original paper jam in scanner duplex path



- Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 21).
- This troubleshooting may not be available depending on model or optional goods (see "Front view" on page 21).



Clearing paper jams



To avoid tearing the paper, pull the jammed paper out slowly and gently.

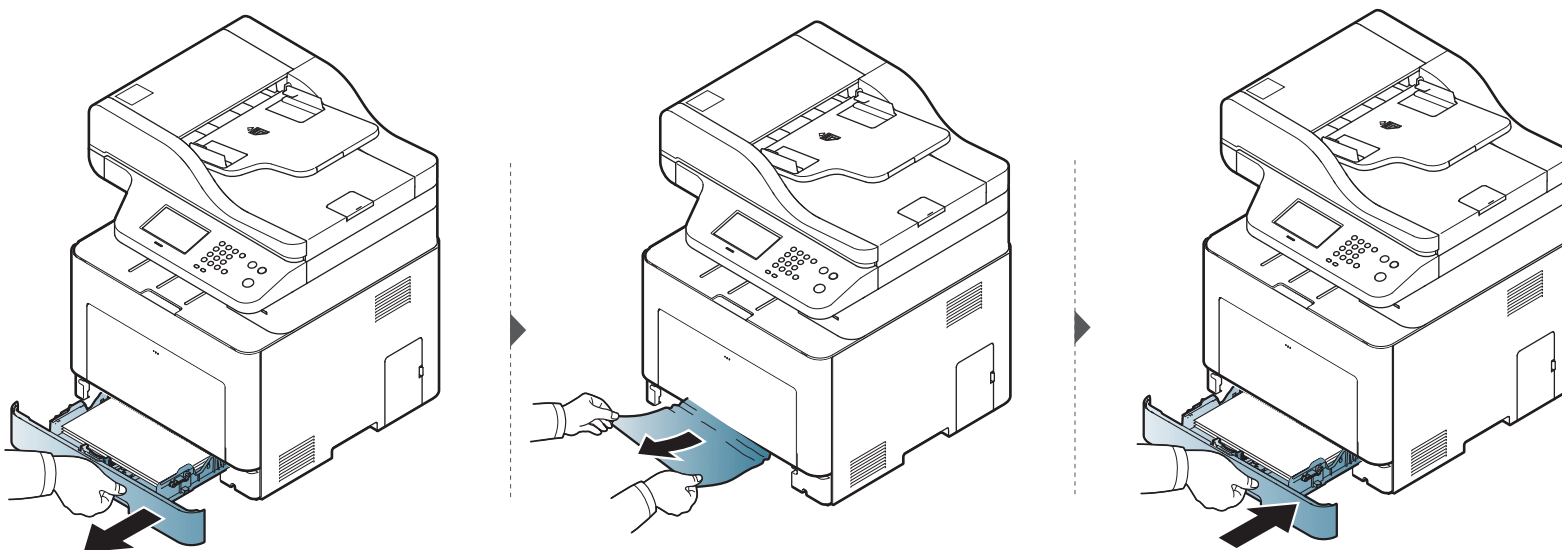
In tray1



Click this link to open an animation about clearing a jam.



Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 21).

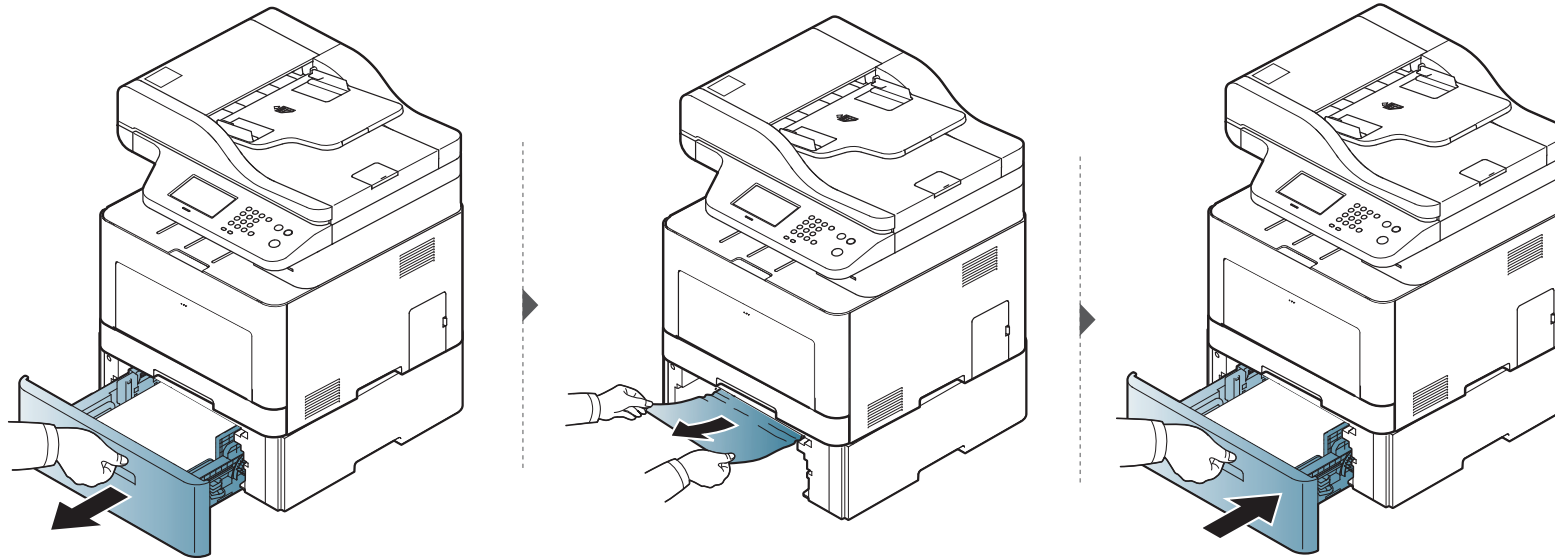


Clearing paper jams

In optional tray

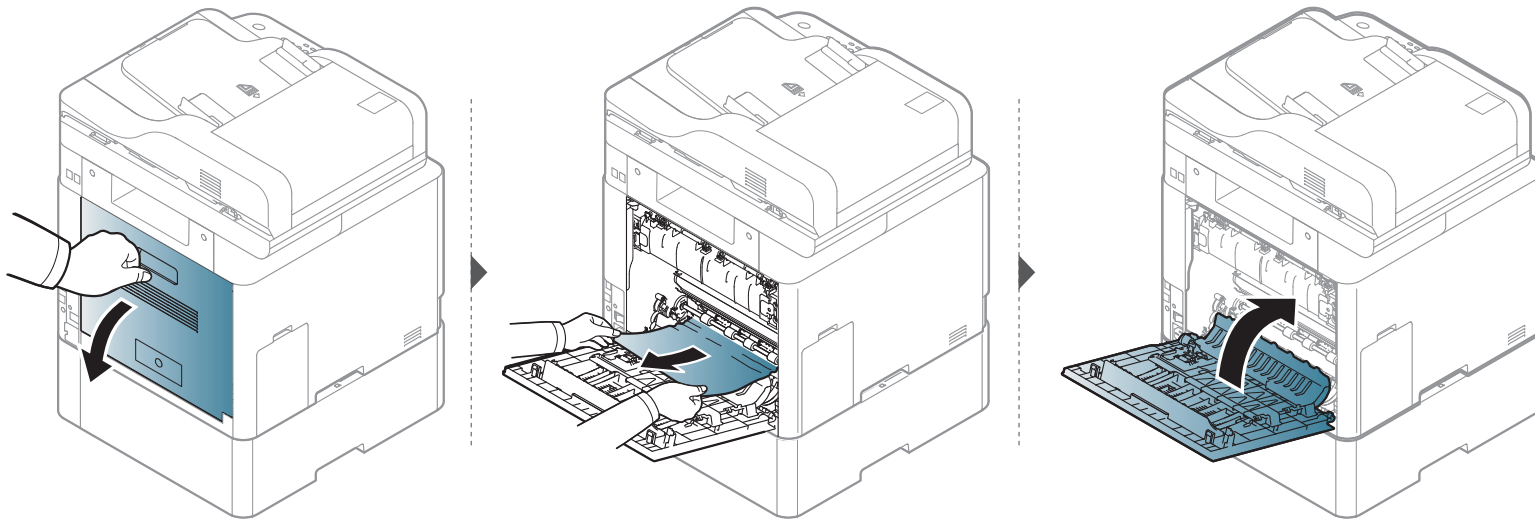


Click this link to open an animation about clearing a jam.



Clearing paper jams

If you do not see the paper in this area, stop and go to next step:

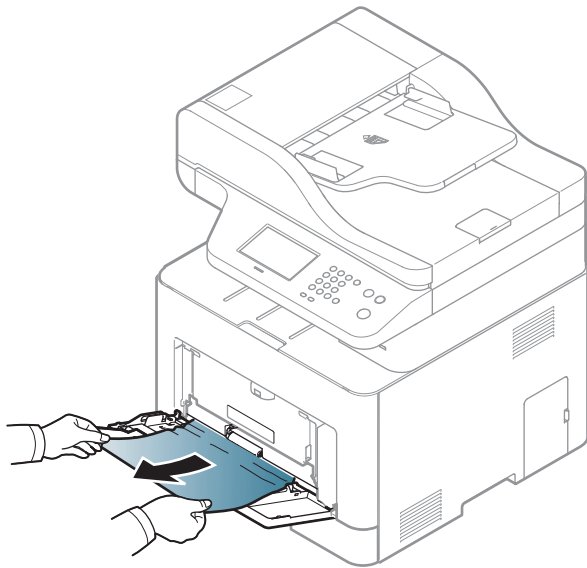


Clearing paper jams

In the manual feeder/multi-purpose tray

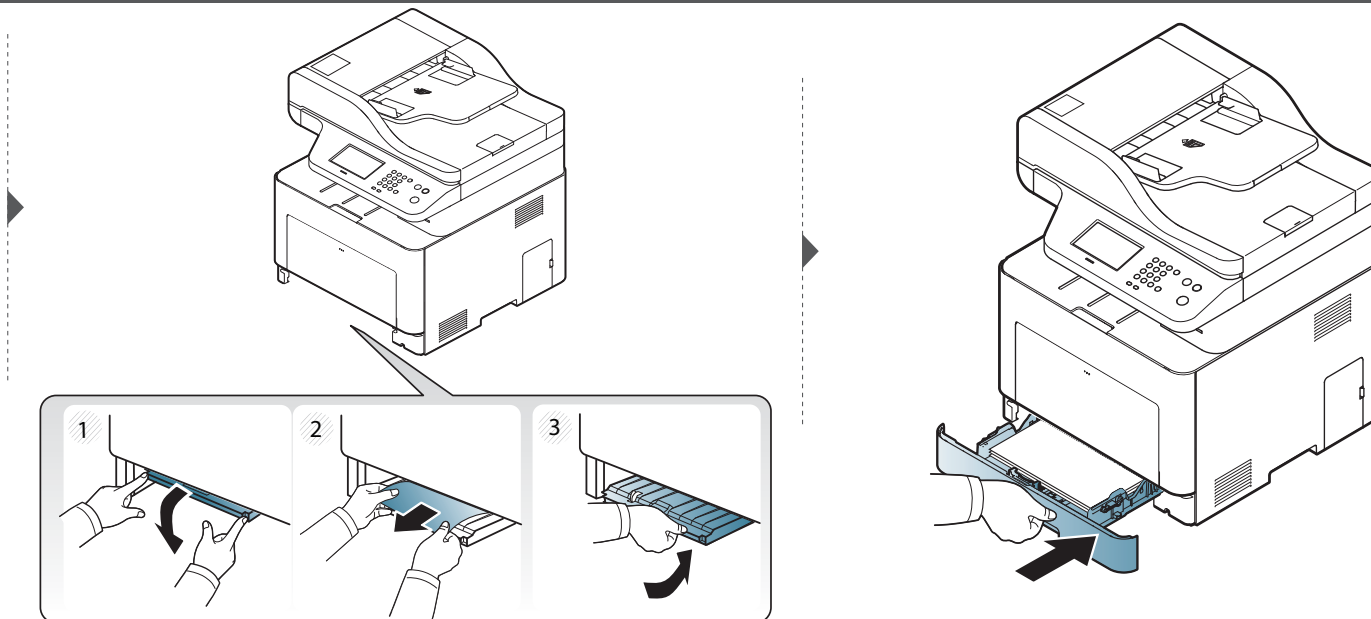
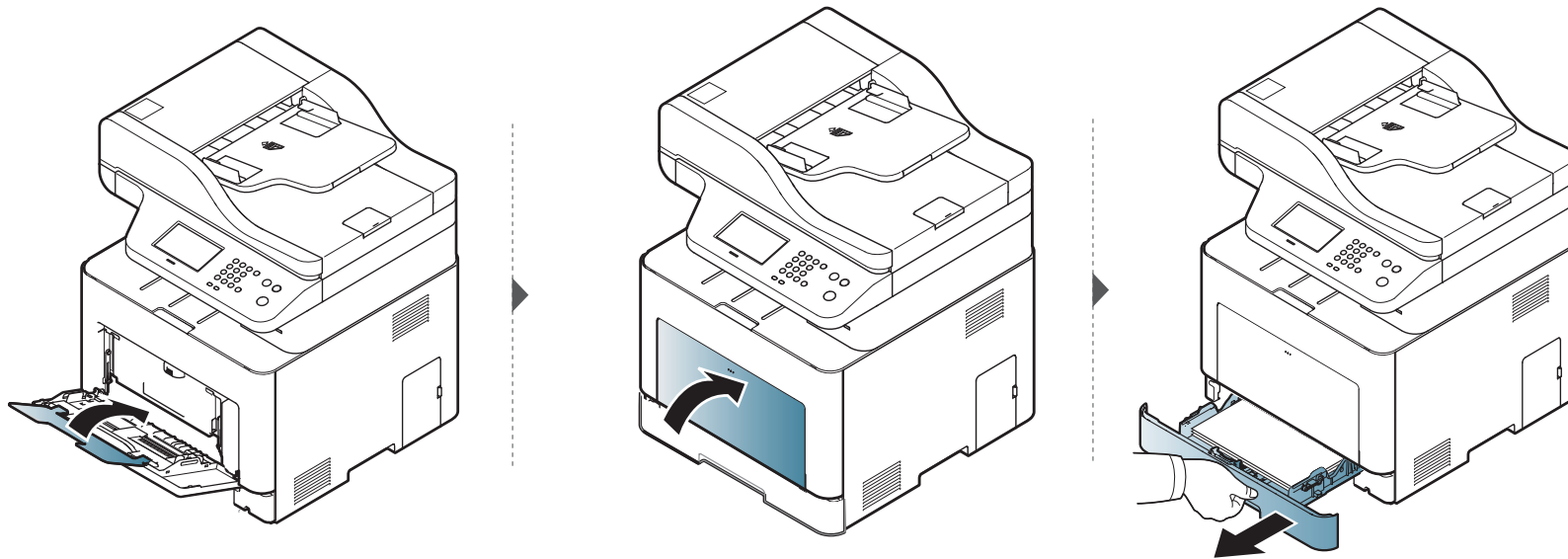


Click this link to open an animation about clearing a jam.



Clearing paper jams

If you do not see the paper in this area, stop and go to next step:



Clearing paper jams

Inside the machine



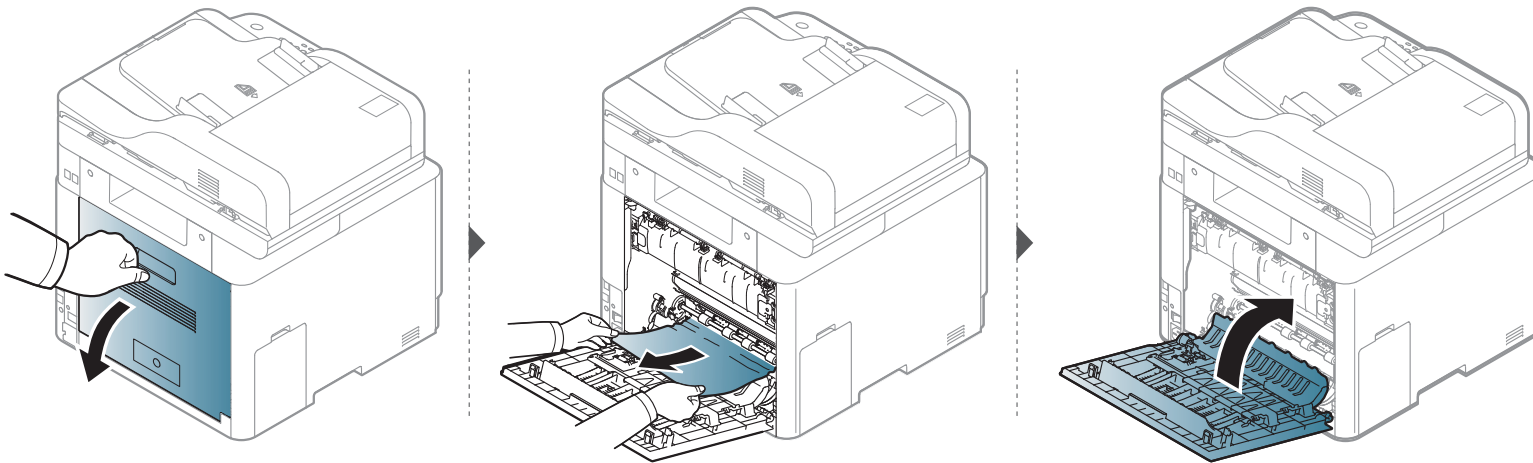
Click this link to open an animation about clearing a jam.



The fuser area is hot. Take care when removing paper from the machine.



Illustrations on this user's guide may differ from your machine depending on its options or models. Check your machine type (see "Front view" on page 21).



Clearing paper jams

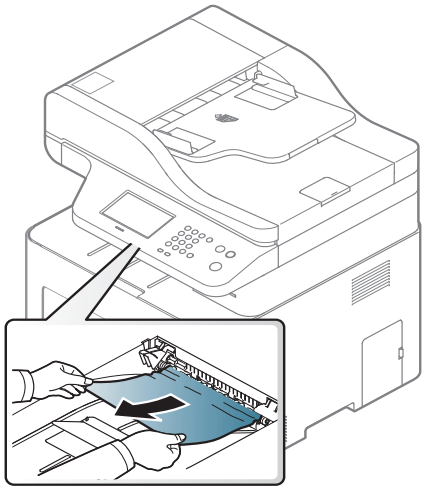
In the exit area



Click this link to open an animation about clearing a jam.

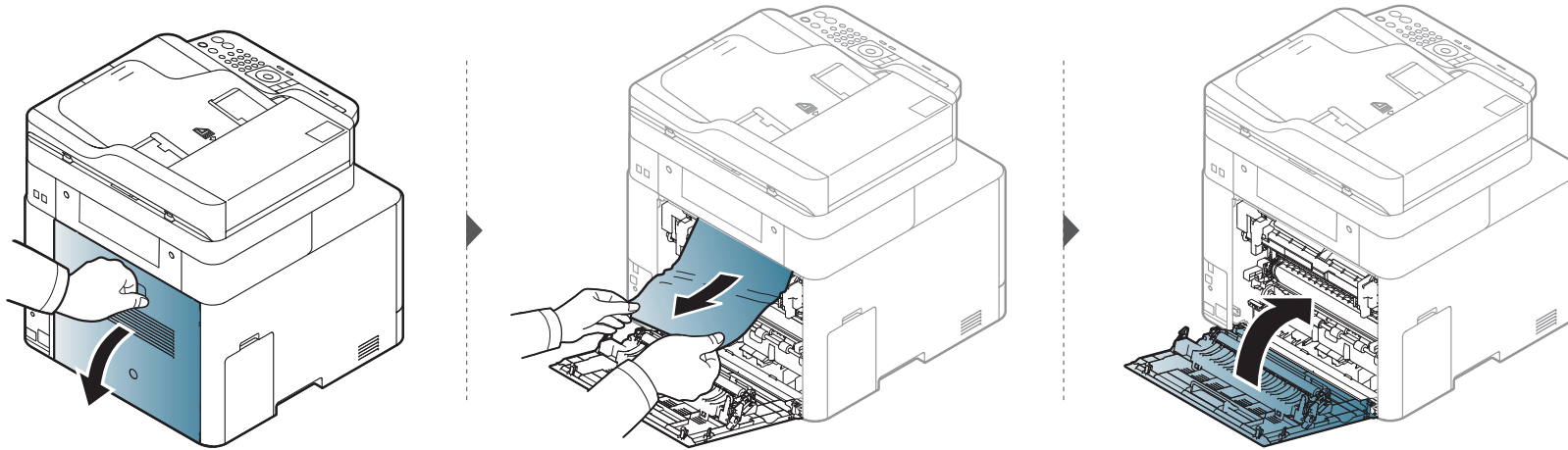


The fuser area is hot. Take care when removing paper from the machine.



Clearing paper jams

If you do not see the paper in this area, stop and go to next step:

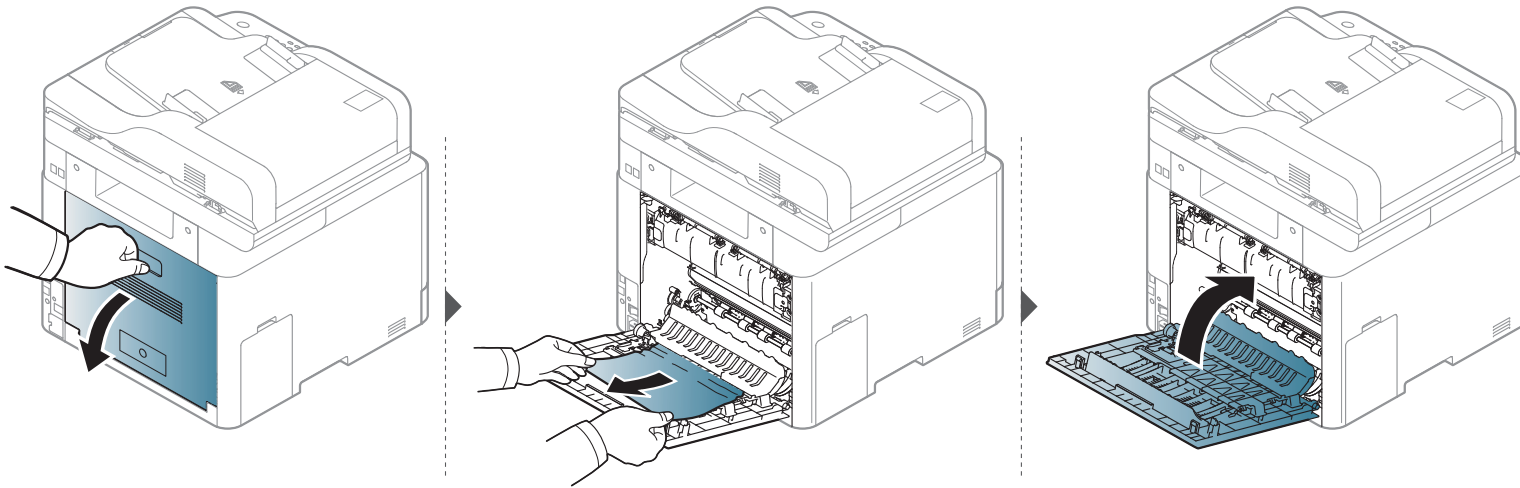


Clearing paper jams

In the duplex unit area



Click this link to open an animation about clearing a jam.



Understanding the status LED

The color of the LED indicates the machine's current status.



- Some LEDs may not be available depending on model or country (see "Control panel overview" on page 23).
- To resolve the error, look at the error message and its instructions from the troubleshooting part (see "Understanding display messages" on page 122).
- You also can resolve the error with the guideline from the computer's Samsung Printing Status window (see "Using Samsung Printer Status" on page 308).
- If the problem persists, call a service representative.

LED	Status		Description
Status	Off		The machine is off-line.
	Green	Blinking	When the backlight blinks, the machine is receiving or printing data.
		On	• The machine is on-line and can be used.
	Red	Blinking	• A minor error has occurred and the machine is waiting for the error to be cleared. Check the display message. When the problem is cleared, the machine resumes. • Small amount of toner is left in the cartridge. The estimated cartridge life^a of toner is close. Prepare a new cartridge for replacement. You may temporarily increase the printing quality by redistributing the toner (see "Redistributing toner" on page 84).^b
		On	• A toner cartridge has almost reached its estimated cartridge life^a. It is recommended to replace the toner cartridge (see "Replacing the toner cartridge" on page 86). • The cover is opened. Close the cover. • There is no paper in the tray. Load paper in the tray. • The machine has stopped due to a major error. Check the display message (see "Understanding display messages" on page 122). • A paper jam has occurred (see "Clearing paper jams" on page 111).

Understanding the status LED

LED	Status		Description
Wireless^b	Blue	Blinking	The machine is connecting to a wireless network.
		On	The machine is connected to a wireless network (see "Wireless network setup" on page 177).
		Off	The machine is disconnected from a wireless network.
 Power/ WakeUp	Blue	On	The machine is in power save mode.
		Off	The machine is in ready mode or machine's power is off.
Eco	Green	On	Eco mode is on (see "Eco printing" on page 57).
		Off	Eco mode is off.

a. Estimated cartridge life means the expected or estimated toner cartridge life, which indicates the average capacity of print-outs and is designed pursuant to ISO/IEC 19798. The number of pages may be affected by operating environment, percentage of image area, printing interval, graphics, media and media size. Some amount of toner may remain in the cartridge even when red LED is on and the printer stops printing.

b. Some LEDs may not be available depending on model or country (see "Control panel overview" on page 23).

Understanding display messages

Messages appear on the control panel display to indicate the machine's status or errors. Refer to the tables below to understand the messages' and their meaning, and correct the problem, if necessary.



- You can resolve the error with the guideline from the computer's Printing Status program window (see "Using Samsung Printer Status" on page 308).
- If a message is not in the table, reboot the power and try the printing job again. If the problem persists, call a service representative.
- When you call for service, provide the service representative with the contents of display message.
- Some messages may not appear on the display depending on the options or models.
- [error number] indicates the error number.
- [tray type] indicates the tray number.
- [media type] indicates the media type.
- [media size] indicates the media size.
- [color] indicates the color of toner.
- [unit type] indicates the unit type.

Paper Jam-related messages

Message	Meaning	Suggested solutions
• Original paper jam inside of scanner. Remove jam • Original paper jam in front of scanner. Remove jam	The loaded original document has jammed in document feeder.	Clear the jam (see "Clearing original document jams" on page 106).
• Paper Jam in Tray1	Paper has jammed in the tray.	Clear the jam (see "In tray1" on page 111).
• Paper Jam in Tray2	Paper has jammed in the optional tray.	Clear the jam (see "In optional tray" on page 112).
• Paper Jam in MP Tray	Paper has jammed in the multi-purpose tray.	Clear the jam (see "In the manual feeder/multi-purpose tray" on page 114).
• Jam inside machine	Paper has jammed inside the machine.	Clear the jam (see "Inside the machine" on page 116).
• Jam inside of duplex	Paper has jammed inside the duplex area.	Clear the jam (see "In the duplex unit area" on page 119).
• Jam in exit area	Paper has jammed in the paper exit area.	Clear the jam (see "In the exit area" on page 117).

Understanding display messages

Toner-related messages

Message	Meaning	Suggested solutions
Error [error number] Toner Failure: [error number] [color] Install [color] toner again [color] toner not installed Install [color] toner cartridge	A toner cartridge is not installed.	Reinstall the toner cartridge.
	A toner cartridge is not being detected	Reinstall the toner cartridge two or three times to confirm it is seated properly. If the problem persists, contact the service representatives.
	Protective film is not removed from toner.	Remove the protective film from the toner cartridge. Refer to Quick Installation Guide provided with your machine.
[color]toner Not compatible [color] toner cartridge is not compatible. Check guide	The indicated toner cartridge is not suitable for your machine.	Install the corresponding toner cartridge with a Samsung-genuine cartridge (see "Replacing the toner cartridge" on page 86).

Message	Meaning	Suggested solutions
Prepare new [color] toner Prepare new [color] toner cartridge Replace new [color] toner Replace with new [color] toner cartridge	Small amount of toner is left in the indicated cartridge. The estimated cartridge life of toner is close.	Prepare a new cartridge for a replacement. You may temporarily increase the printing quality by redistributing the toner (see "Redistributing toner" on page 84).
	The indicated toner cartridge has almost reached its estimated cartridge life ^a .	- You can choose Stop or Continue as shown on the control panel. If you select Stop, the printer stops printing. If you select Continue, the printer keeps printing but the printing quality cannot be guaranteed. - Replace the toner cartridge for the best print quality when this message appears. Using a cartridge beyond this stage can result in printing quality issues (see "Replacing the toner cartridge" on page 86).
	The indicated toner cartridge has reached its estimated cartridge life ^a .	
		Replace the toner cartridge (see "Replacing the toner cartridge" on page 86).

Understanding display messages

- a. Estimated cartridge life means the expected or estimated toner cartridge life, which indicates the average capacity of print-outs and is designed pursuant to ISO/IEC 19798 (see "Available consumables" on page 78). The number of pages may be affected by operating environment, percentage of image area, printing interval, media, percentage of image area, and media size. Some amount of toner may remain in the cartridge even when replace new cartridge appears and the machine stops printing.



Samsung does not recommend using a non-genuine Samsung toner cartridge such as refilled or remanufactured. Samsung cannot guarantee a non-genuine Samsung toner cartridge's quality. Service or repair required as a result of using non-genuine Samsung toner cartridges will not be covered under the machine warranty.

Tray-related messages

Message	Meaning	Suggested solutions
• Output bin full • Output bin full. Remove printed paper	The output tray is full.	Remove papers from the output tray, the printer resumes printing.

Message	Meaning	Suggested solutions
• Paper jam or empty in tray	• Paper has jammed in the paper feed area. • There is no paper in tray.	• Clear the jam (see "Clearing paper jams" on page 111). • Load paper in tray (see "Multi-purpose (or Manual feeder) tray" on page 42).
• Paper Empty in tray 1 • Paper is empty in tray 1. Load paper	There is no paper in tray 1.	Load paper in tray 1 (see "Tray 1 / optional tray" on page 40).
• Paper Empty in tray 2 • Paper is empty in tray 2. Load paper	There is no paper in tray 2.	Load paper in tray 2 (see "Tray 1 / optional tray" on page 40).
• Paper Empty in MP • Paper is empty in MP tray. Load paper	There is no paper in the multi-purpose tray.	Load paper in the multi-purpose tray (see "Multi-purpose (or Manual feeder) tray" on page 42).

Understanding display messages

Network-related messages

Message	Meaning	Suggested solutions
• IP Conflict • This IP address conflicts with that of other system	The network IP address you have set is being used by someone else.	Check the IP address and reset it if necessary (see Advanced Guide).
• 802.1x Network Error • 802.1x Network Error Contact the Admin.	Fail to authenticate.	Check the network authentication protocol. If the problem persists, contact your network administrator.

Misc. messages

Message	Meaning	Suggested solutions
• Adjusting Color Registration...	The machine is adjusting the color registration.	Wait a few minutes.
• Calibrating image density...	The machine is calibrating the image density.	Wait a few minutes.

Message	Meaning	Suggested solutions
• Door is open. Close it	The front cover or rear cover is not securely latched.	Close the cover until it locks into place.
• Scanner door open • Door of scanner is open. Close the door	The document feeder cover is not securely latched.	Close the cover until it locks into place.
• Error: [error number] Actuator [unit type] Failure: [error number] Call for service • Error: [error number] [unit type] Failure: [error number] Turn off then on. Call for service if the problem persists. • Error: [error number] [unit type] Unit Failure: [error number] Please turn off then on	The machine unit cannot be controlled.	Reboot the power and try the printing job again. If the problem persists, please call for service.
• Not Proper room temp • Not Proper room temperature. Change room temperature	The machine is in a room with improper room temperature.	Move the machine to a room with proper room temperature (see "Specifications" on page 129).

Understanding display messages

Message	Meaning	Suggested solutions
• Prepare TR. belt Prepare new image transfer belt unit	The life of the transfer belt has expired.	Replace the transfer belt with a new one. Contact the service representatives.
• Replace Fuser unit Replace with new fuser unit	The life of the fuser unit will be expired.	Replace the fuser unit with a new one. Contact the service representatives.
• Install TR. belt unit Install image transfer belt unit	The transfer belt is not installed.	Install a Samsung-genuine transfer belt. Contact the service representatives.
• TR. belt Not compatible Image transfer belt unit is not compatible. Check guide	The transfer belt of the machine is not for your machine.	Install the a Samsung-genuine part designed for your machine. Contact the service representatives.
• Waste toner Full Waste toner container is almost full. Replace with new one	The life span of the waste toner container has expired and the printer will stop printing until a new waste toner container is placed into the printer.	Replace a waste toner container with a Samsung-genuine waste toner container.

Message	Meaning	Suggested solutions
• Waste Not Installed Waste toner tank is not installed. install it	The waste toner container is not installed.	Install the waste toner container. If it is already installed, try to reinstall the waste toner container. If the problem persists, call for service.
• Replace pickup roller Replace with new [tray type] pickup roller	The life of the tray1, tray2 or MP tray pick-up roller will expired soon.	Replace the tray pick-up roller with a new one. Contact the service representatives.
• Replace retard roller End of life, Replace with new [tray type] retard roller	The life of the tray1 or tray2 retard roller has expired.	Replace the tray retard roller with a new one. Contact the service representatives.
• Memory Full Fax memory is full. Print or remove received fax job	The memory is full. No more fax data can be received.	Print or remove the received fax data in the memory.
• Scanner Locked Scanner locking switch is locked. Pull Blue Latch towards you.	The scanner is locked.	Reboot the power. If the problem persists, please call for service.

Understanding display messages

Message	Meaning	Suggested solutions
• Error: [error number] Fax System Failure: [error number] Install fax modem card again	There is a problem in the fax system.	Install the fax card. If it is already installed, try to reinstall the fax card. If the problem persists, call for service.
• Error: [error number] UI System Failure: [error number] Call for service	There is a problem in the UI system.	Unplug the power cord and plug it back in. If the problem persists, call for service.
• Error: [error number] EngineSystem Failure: [error number] Call for service	There is a problem in the engine system.	Unplug the power cord and plug it back in. If the problem persists, call for service.



5. Appendix

This chapter provides product specifications and information concerning applicable regulations.

- **Specifications** 129
- **Regulatory information** 141
- **Copyright** 154



Specifications

General specifications



The specification values listed below are subject to change without notice. See www.samsung.com for possible changes in information.

Items		Description
Dimension^a	Width x Length x Height	469 x 452.5 x 504.3 mm (18.46 x 17.81 x 19.85 inches)
Weight^a	Machine with consumables	26.7 Kg (58.86 lbs)
Noise Level^{bc}	Ready mode	Less than 32 dB (A)
	Print mode	Less than 52 dB (A)
	Copy mode	Scanner glass
		Document feeder
	Scan mode	Scanner glass
		Document feeder
Temperature	Operation	10 to 30 °C (50 to 86 °F)
	Storage (packed)	-20 to 40 °C (-4 to 104 °F)
Humidity	Operation	20 to 80% RH
	Storage (packed)	10 to 90% RH
Power rating^d	110 volt models	AC 110 - 127 V
	220 volt models	AC 220 - 240 V
Power consumption	Average operating mode	Less than 450 W
	Ready mode	Less than 18 W
	Power save mode^e	Less than 2.4 W
	Power off mode^f	Less than 0.1 W

Specifications

Items		Description
Wireless ^g	Module	SPW-B43143U

- a. Dimensions and weight are measured without a handset.
- b. Sound Pressure Level, ISO 7779. Configuration tested: basic machine installation, A4 paper, simplex printing.
- c. China only: If the equipment's noise is louder than 63 db (A) ,the equipment should be placed in region of relatively independent advice.
- d. See the rating label on the machine for the correct voltage (V), frequency (hertz) and of current (A) for your machine.
- e. The power consumption of power save mode may be affected by machine’s status, setting conditions, operating environment.
- f. Power consumption can be completely avoided only when the power cable is not connected.
- g. Wireless models only (see "Features by model" on page 6).

Specifications

Print media specifications

Type	Size	Dimensions	Weight/Capacity ^a	
			C267x series	
			Tray1/ Optional tray	Multi-purpose tray
Plain paper ^{bc}	Letter	216 x 279 mm (8.5 x 11 inches)	70 to 90 g/m ² (19 to 24 lbs bond) • Tray1: 250 sheets of 80 g/m ² (21 lbs bond) • Optional tray: 520 sheets of 80 g/m ² (20 lbs bond)	70 to 90 g/m ² (19 to 24 lbs bond) • 50 sheets
	Legal	216 x 356 mm (8.5 x 14 inches)		
	US Folio	216 x 330 mm (8.5 x 13 inches)		
	A4	210 x 297 mm (8.27 x 11.69 inches)		
	Oficio	216 x 343 mm (8.5 x 13.5 inches)		
	JIS B5	182 x 257 mm (7.17 x 10.12 inches)		
	ISO B5	176 x 250 mm (6.93 x 9.84 inches)		
	Executive	184 x 267 mm (7.25 x 10.5 inches)		
	Statement	140 x 216 mm (5.5 x 8.5 inches)		
	A5	148 x 210 mm (5.83 x 8.27 inches)		
	A6	105 x 148 mm (4.13 x 5.83 inches)	70 to 90 g/m ² (19 to 24 lbs bond) • 150 sheets of 80 g/m ² (21 lbs bond) Not available in optional tray.	

Specifications

Type	Size	Dimensions	Weight/Capacity ^a	
			C267x series	
			Tray1/ Optional tray	Multi-purpose tray
Envelope	Envelope Monarch	98 x 191 mm (3.87 x 7.5 inches)	75 to 90 g/m ² (20 to 24 lbs bond)	75 to 90 g/m ² (20 to 24 lbs bond)
	Envelope No. 10	105 x 241 mm (4.12 x 9.5 inches)	• 20 sheets	• 5 sheets
	Envelope No. 9	98 x 225 mm (3.87 x 8.87 inches)	Not available in optional tray.	
	Envelope DL	110 x 220 mm (4.33 x 8.66 inches)		
	Envelope C5	162 x 229 mm (6.38 x 9.02 inches)		
	Envelope C6	114 x 162 mm (4.49 x 6.38 inches)		
Thick paper^{bc}	Refer to the Plain paper section	Refer to the Plain paper section	91 to 105 g/m ² (24 to 28 lbs bond) • 50 sheets of 105 g/m ² (28 lbs bond)	91 to 105 g/m ² (24 to 28 lbs bond) • 10 sheets
Thicker paper^{bc}	Refer to the Plain paper section	Refer to the Plain paper section	164 to 220 g/m ² (43 to 59 lbs bond) • 50 sheets of 220 g/m ² (59 lbs bond) Not available in optional tray.	164 to 220 g/m ² (43 to 59 lbs bond) • 10 sheets)
Thin paper	Refer to the Plain paper section	Refer to the Plain paper section	60 to 70 g/m ² (16 to 19 lbs bond) • 250 sheets of 70 g/m ² (19 lbs bond)	60 to 70 g/m ² (16 to 19 lbs bond) • 50 sheets

Specifications

Type	Size	Dimensions	Weight/Capacity ^a	
			C267x series	
			Tray1/ Optional tray	Multi-purpose tray
Cotton, Color, Pre-printed	Refer to the Plain paper section	Refer to the Plain paper section	75 to 90 g/m ² (20 to 24 lbs bond) • 250 sheets of 80 g/m ² (21 lbs bond) Not available in optional tray.	75 to 90 g/m ² (20 to 24 lbs bond) • 50 sheets
Recycled	Refer to the Plain paper section	Refer to the Plain paper section	70 to 90 g/m ² (19 to 24 lbs bond) • 250 sheets of 80 g/m ² (21 lbs bond)	70 to 90 g/m ² (19 to 24 lbs bond) • 50 sheets
Transparency	Letter, Legal, A4	Refer to the Plain paper section	138 to 146 g/m ² (35 to 39 lbs bond) • 50 sheets Not available in optional tray.	138 to 146 g/m ² (35 to 39 lbs bond) • 10 sheets
Labels^d	Letter, Legal, US Folio, A4, JIS B5, ISO B5, Executive, A5	Refer to the Plain paper section	120 to 150 g/m ² (32 to 40 lbs bond) • 50 sheets Not available in optional tray.	120 to 150 g/m ² (32 to 40 lbs bond) • 10 sheets

Specifications

Type	Size	Dimensions	Weight/Capacity ^a	
			C267x series	
			Tray1/ Optional tray	Multi-purpose tray
Card stock ^{bc}	Letter, Legal, US Folio, A4, JIS B5, ISO B5, Executive, A5	Refer to the Plain paper section	121 to 163 g/m ² (32 to 43 lbs bond) • 50 sheets	121 to 163 g/m ² (32 to 43 lbs bond) • 10 sheets
Bond paper	Refer to the Plain paper section	Refer to the Plain paper section	105 to 120 g/m ² (28 to 32 lbs bond) • 50 sheets	105 to 120 g/m ² (28 to 32 lbs bond) • 10 sheets
Archive, Punched paper, Letterhead	Refer to the Plain paper section	Refer to the Plain paper section	• 250 sheets	• 50 sheets

Specifications

Type	Size	Dimensions	Weight/Capacity ^a	
			C267x series	
			Tray1/ Optional tray	Multi-purpose tray
Glossy Photo ^b	Letter, A4, Postcard 4x6	Refer to the Plain paper section	111 to 130 g/m ² (30 to 35 lbs bond) for tray1 • Tray1: 30 sheets • Optional tray: 50 sheets	111 to 130 g/m ² (30 to 35 lbs bond) • 5 sheets
		Refer to the Plain paper section	131 to 175 g/m ² (35 to 47 lbs bond) • Tray1: 30 sheets • Optional tray: 50 sheets	131 to 175 g/m ² (35 to 47 lbs bond) • 5 sheets
		Refer to the Plain paper section	176 to 220 g/m ² (47 to 59 lbs bond) • Tray1: 30 sheets • Optional tray: 50 sheets	176 to 220 g/m ² (47 to 59 lbs bond) • 5 sheets
Minimum size (custom)		• Tray1: 98 x 127 mm (3.86 x 5 inches) • Optional tray: 148.5 x 210 mm (5.85 x 8.27inches) • Multi-Purpose tray/ Manual Feeder: 76 x 127 mm (3 x 5 inches)	• 60 to 220 g/m² (16 to 59 lbs bond) for tray1 • 60 to 163 g/m² (16 to 43 lbs bond) for optional tray.	60 to 220 g/m ² (16 to 59 lbs bond)
Maximum size (custom)		216 x 356 mm (8.5 x 14 inches)		

a. Maximum capacity may differ depending on media weight, thickness, and environmental conditions.

b. Post card 4 x 6 is supported for tray1, Manual feeder, or Multi-purpose tray.

Specifications

- c. Index card (3x5) is supported for Manual feeder and Multi-purpose tray.
- d. The smoothness of the labels used in this machine is 100 to 250 (sheffield). This means the numeric level of smoothness.

Specifications

System requirements

Microsoft® Windows®

Operating system	Requirement (recommended)		
	CPU	RAM	free HDD space
Windows® XP	Intel® Pentium® III 933 MHz (Pentium IV 1 GHz)	128 MB (256 MB)	1.5 GB
Windows Server® 2003	Intel® Pentium® III 933 MHz (Pentium IV 1 GHz)	128 MB (512 MB)	1.25 GB to 2 GB
Windows Server® 2008	Intel® Pentium® IV 1 GHz (Pentium IV 2 GHz)	512 MB (2 GB)	10 GB
Windows Vista®	Intel® Pentium® IV 3 GHz	512 MB (1 GB)	15 GB
Windows® 7	Intel® Pentium® IV 1 GHz 32-bit or 64-bit processor or higher	1 GB (2 GB)	16 GB
	• Support for DirectX® 9 graphics with 128 MB memory (to enable the Aero theme). • DVD-R/W Drive		
Windows Server® 2008 R2	Intel® Pentium® IV 1.4 GHz (x64) processors (2 GHz or faster)	512 MB (2 GB)	10 GB
Windows® 8 Windows® 8.1	Intel® Pentium® IV 1 GHz 32-bit or 64-bit processor or higher	2 GB (2 GB)	20 GB
	• Support for DirectX® 9 graphics with 128 MB memory (to enable the Aero theme). • DVD-R/W Drive		
Windows Server® 2012 Windows Server® 2012 R2	Intel® Pentium® IV 1.4 GHz (x64) processors (2 GHz or faster)	512 MB (2 GB)	32GB

Specifications



- Internet Explorer 6.0 or higher is the minimum requirement for all Windows operating systems.
- Users who have administrator rights can install the software.
- **Windows Terminal Services** is compatible with your machine.

Mac

Operating system	Requirements (Recommended)		
	CPU	RAM	Free HDD space
Mac OS X 10.5	• Intel® processors • 867 MHz or faster Power PC G4/G5	512 MB (1 GB)	1 GB
Mac OS X 10.6	• Intel® processors	1 GB (2 GB)	1 GB
Mac OS X 10.7-10.9	• Intel® processors	2 GB	4 GB

Specifications

Linux

Items	Requirements
Operating system	Red Hat Enterprise Linux 5, 6 Fedora 11, 12, 13, 14, 15, 16, 17, 18, 19 OpenSUSE 11.0, 11.1, 11.2, 11.3, 11.4, 12.1, 12.2, 12.3 Ubuntu 10.04, 10.10, 11.04, 11.10, 12.04, 12.10, 13.04 SUSE Linux Enterprise Desktop 10, 11 Debian 5.0, 6.0, 7.0, 7.1 Mint 13, 14, 15
CPU	Pentium IV 2.4GHz (Intel Core™2)
RAM	512 MB (1 GB)
Free HDD space	1 GB (2 GB)

Unix

Items	Requirements
Operating system	Sun Solaris 9, 10, 11 (x86, SPARC) HP-UX 11.0, 11i v1, 11i v2, 11i v3 (PA-RISC, Itanium) IBM AIX 5.1, 5.2, 5.3, 5.4, 6.1, 7.1 (PowerPC)
Free HDD space	Up to 100 MB

Specifications

Network environment



Network and wireless models only (see "Features by model" on page 6).

You need to set up the network protocols on the machine to use it as your network machine. The following table shows the network environments supported by the machine.

Items	Specifications
Network interface	• Ethernet 10/100/1000 Base-TX Wired Lan • 802.11b/g/n Wireless LAN
Network operating system	• Windows® XP, Windows Server® 2003, Windows Vista®, Windows® 7, Windows Server® 2008 R2 • Various Linux OS • Mac OS X 10.5 -10.9 • UNIX OS
Network protocols	• TCP/IPv4 • DHCP, BOOTP • DNS, WINS, Bonjour, SLP, UPnP • Standard TCP/IP Printing (RAW), LPR, IPP, WSD • SNMPv 1/2/3, HTTP, IPSec • TCP/IPv6 (DHCP, DNS, RAW, LPR, SNMPv 1/2/3, HTTP, IPSec)
Wireless security	• Authentication: Open System, Shared Key, WPA Personal, WPA2 Personal (PSK) • Encryption: WEP64, WEP128, TKIP, AES

Regulatory information

This machine is designed for a normal work environment and certified with several regulatory statements.

Laser safety statement

The printer is certified in the U.S. to conform to the requirements of DHHS 21 CFR, chapter 1 Subchapter J for Class I (1) laser products, and elsewhere is certified as a Class I laser product conforming to the requirements of IEC 60825-1 : 2007.

Class I laser products are not considered to be hazardous. The laser system and printer are designed so there is never any human access to laser radiation above a Class I level during normal operation, user maintenance or prescribed service condition.

Warning

Never operate or service the printer with the protective cover removed from laser/scanner assembly. The reflected beam, although invisible, can damage your eyes.

When using this product, these basic safety precautions should always be followed to reduce risk of fire, electric shock, and injury to persons:



CAUTION - CLASS 3B. INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM.

DANGER - INVISIBLE LASER RADIATION WHEN OPEN. AVOID DIRECT EXPOSURE TO BEAM.

DANGER - KLASSE 3B. UNSICHTBARE LASERSTRAHLUNG, WENN OFFEN. STRAHLENAUSSETZUNG VERMEIDEN.

VORSICHT - UNSICHTBARE LASERSTRAHLUNG KLASSE 3 B, WENN ABDECKUNG GEÖFFNET. NICHT DEM STRAHL AUSSETZEN.

ATTENZIONE - CLASSE 3B. RADIZIONI LASER INVISIBILI CON IL DISPOSITIVO APERTO. EVITARE L'ESPOSIZIONE AL RAGGIO.

PRECAUCIÓN - RADIACIÓN LÁSER INVISIBLE DE CLASE 3B PRESENTE AL ABRIR. EVITE LA EXPOSICIÓN AL HAZ.

PERIGO - CLASSE 3B. RADIAÇÃO LASER INVISÍVEL AO ABRIR. EVITE EXPOSIÇÃO DIRECTA AO FEIXE.

GEVAAR - KLASSE 3B. ONZICHTBARE LASERSTRALING INDIEN GEOPEND. VERMIJD BLOOTSTELLING AAN DE STRAAL.

ADVARSEL - KLASSE 3B. USYNLIG LASERSTRÅLING VED ÅBNING. UNNGÅ UDSÆTTELSE FOR STRÅLING.

ADVARSEL - KLASSE 3B. USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES. UNNGÅ EKSPONERING FOR STRÅLEN.

VARNING - KLASSE 3B OSYNLIG LASERSTRÅLNING NÅR DENNA DEL ÄR ÖPPNAD. STRÅLEN ÄR FARLIG.

VAROITUS - LUOKAN 3B NÄKYMÄTTÖMÄLLE LASER-SÄTEILYÄ AVATTUNA. VÄLTÄ ALTISTUMISTA SÄTEELLE.

注意 - CLASS 3B. 严禁打开，以免被不可见激光辐射泄漏灼伤

주의 - 열리면 등급 3B 비가시 레이저 방사선 이 방출됩니다. 광선에 노출을 피하십시오.

Ozone safety



This product's ozone emission rate is under 0.1 ppm. Because ozone is heavier than air, keep the product in a place with good ventilation.

Regulatory information

Mercury Safety



Contains Mercury, Dispose According to Local, State or Federal Laws.(U.S.A. only)

Power saver



This printer contains advanced energy conservation technology that reduces power consumption when it is not in active use.

When the printer does not receive data for an extended period of time, power consumption is automatically lowered.

ENERGY STAR and the ENERGY STAR mark are registered U.S. marks.

For more information on the ENERGY STAR program see <http://www.energystar.gov>

For ENERGY STAR certified models, the ENERGY STAR label will be on your machine. Check if your machine is ENERGY STAR certified.

Recycling



Recycle or dispose of the packaging material for this product in an environmentally responsible manner.

China only

回收和再循环

为了保护环境，我公司已经为废弃的产品建立了回收和再循环系统。我们会为您提供回收同类废旧产品的服务。
当您要废弃您正在使用的产品时，请您及时与授权耗材更换中心取得联系，我们会及时为您提供服务。

Regulatory information

Website: <http://www.samsung.com/cn/support/location/supportServiceLocation.do?page=SERVICE.LOCATION>

中国能效标识

型号	能效等级	典型能耗 (kW·h)
CLX-4195FW/C1860FW	1	1.84
CLX-4195FN	1	1.62
CLX-4195N	1	1.59
CLX-6260ND	1	1.60
CLX-6260FW/CLX-6260FD/CLX-6260FR	1	1.78

依据国家标准 GB 25956-2010



仅适用于海拔2000m以下地区安全使用。

《2000m 以下 地区 安全 使用 说明》

“本产品 仅 适用于 海拔 2000m 以下 地区 安全 使用。”

دېگىز يۈزىدىن 2000 مېتر تۆۋەن رايونلاردا بىخەتەر ئىشلەتكىلى بولىدۇ

Dan hab yungh youq gij digih haijbaz 2000 m doxroengz haenx ancienz sawjyungh.

Correct disposal of this product (Waste electrical & electronic equipment)

(Applicable in countries with separate collection systems)



This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other s of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.

Regulatory information

(The United States of America only)

Dispose unwanted electronics through an approved recycler. To find the nearest recycling location, go to our website: www.samsung.com/recyclingdirect Or call, (877) 278 - 0799

State of California Proposition 65 Warning (US Only)

The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of chemicals known to the State of California to cause cancer or reproductive toxicity and requires businesses to warn of potential exposure to such chemicals.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
This appliance can cause low-level exposure to the chemicals, which can be minimized by operating the appliance in a well ventilated area.

Taiwan only

警告

本電池如果更換不正確會有爆炸的危險
請依製造商說明書處理用過之電池

Radio frequency emissions

FCC information to the user

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Regulatory information

- Consult the dealer or experienced radio TV technician for help.



Change or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Canadian radio interference regulations

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled “Digital Apparatus”, ICES-003 of the Industry and Science Canada.

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: “Appareils Numériques”, ICES-003 édictée par l’Industrie et Sciences Canada.

United States of America

Federal Communications Commission (FCC)

Intentional emitter per FCC Part 15

Low power, Radio LAN devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz/5 GHz Band, may be present (embedded) in your printer system. This section is only applicable if these devices are present. Refer to the system label to verify the presence of wireless devices.

Wireless devices that may be in your system are only qualified for use in the United States of America if an FCC ID number is on the system label.

The FCC has set a general guideline of 20 cm (8 inches) separation between the device and the body, for use of a wireless device near the body (this does not include extremities). This device should be used more than 20 cm (8 inches) from the body when wireless devices are on. The power output of the wireless device (or devices), which may be embedded in your printer, is well below the RF exposure limits as set by the FCC.

This transmitter must not be collocated or operation in conjunction with any other antenna or transmitter.

Operation of this device is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Regulatory information



Wireless devices are not user serviceable. Do not modify them in any way. Modification to a wireless device will void the authorization to use it. Contact manufacturer for service.

FCC Statement for Wireless LAN use:



While installing and operating this transmitter and antenna combination the radio frequency exposure limit of 1m W/cm² may be exceeded at distances close to the antenna installed. Therefore, the user must maintain a minimum distance of 20cm from the antenna at all times. This device cannot be colocated with another transmitter and transmitting antenna.

Russia only



Germany only

Das Gerät ist nicht für die Benutzung am Bildschirmarbeitsplatz gemäß BildscharbV vorgesehen.

Turkey only

- **RoHS**
EEE Yönetmeliğine Uygundur.
This EEE is compliant with RoHS.
- Bu ürünün ortalama yaşam süresi 7 yıl, garanti süresi 2 yıldır.

Thailand only

This telecommunication equipment conforms to NTC technical requirement.

Canada only

This product meets the applicable Industry Canada technical specifications. / Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

Regulatory information

The Ringer Equivalence Number (REN) is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five. / L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas cinq.

Fax Branding

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone facsimile machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission the following information:

- 1 the date and time of transmission
- 2 identification of either business, business entity or individual sending the message; and
- 3 telephone number of either the sending machine, business, business entity or individual.

The Telephone Company may make changes in its communications facilities, equipment operations or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service

Ringer Equivalence Number

The Ringer Equivalence Number and FCC Registration Number for this machine may be found on the label located on the bottom or rear of the machine. In some instances you may need to provide these numbers to the telephone company.

The Ringer Equivalence Number (REN) is a measure of the electrical load placed on the telephone line, and is useful for determining whether you have "overloaded" the line. Installing several s of equipment on the same telephone line may result in problems making and receiving telephone calls, especially ringing when your line is called. The sum of all Ringer Equivalence Numbers of the equipment on your telephone line should be less than five in order to assure proper service from the telephone company. In some cases, a sum of five may not be usable on your line. If any of your telephone equipment is not operating properly, you should immediately remove it from your telephone line, as it may cause harm to the telephone network.

Regulatory information

The equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. If requested, this number must be provided to the telephone company.



FCC Regulations state that changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment. In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service, providing that they:

- a** promptly notify the customer.
- b** give the customer an opportunity to correct the equipment problem.
- c** inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

You should also know that:

- Your machine is not designed to be connected to a digital PBX system.
- If you intend to use a computer modem or fax modem on the same phone line as your machine, you may experience transmission and reception problems with all the equipment. It is recommended that no other equipment, except for a regular telephone, share the line with your machine.

- If your area experiences a high incidence of lightning or power surges, we recommend that you install surge protectors for both the power and the telephone lines. Surge protectors can be purchased from your dealer or telephone and electronic specialty stores.
- When programming emergency numbers and/or making test calls to emergency numbers, use a non-emergency number to advise the emergency service dispatcher of your intentions. The dispatcher will give you further instructions on how to actually test the emergency number.
- This machine may not be used on coin service or party lines.
- This machine provides magnetic coupling to hearing aids.

You may safely connect this equipment to the telephone network by means of a standard modular jack, USOC RJ-11C.

Replacing the Fitted Plug (for UK Only)

Important

The mains lead for this machine is fitted with a standard (BS 1363) 13 amp plug and has a 13 amp fuse. When you change or examine the fuse, you must re-fit the correct 13 amp fuse. You then need to replace the fuse cover. If you have lost the fuse cover, do not use the plug until you have another fuse cover.

Contact the people from you purchased the machine.

Regulatory information

The 13 amp plug is the most widely used in the UK and should be suitable. However, some buildings (mainly old ones) do not have normal 13 amp plug sockets. You need to buy a suitable plug adaptor. Do not remove the moulded plug.



If you cut off the moulded plug, get rid of it straight away.

You cannot rewire the plug and you may receive an electric shock if you plug it into a socket.

Important warning:



You must earth this machine.

The wires in the mains lead have the following color code:

- **Green and Yellow:** Earth
- **Blue:** Neutral
- **Brown:** Live

If the wires in the mains lead do not match the colors marked in your plug, do the following:

You must connect the green and yellow wire to the pin marked by the letter “E” or by the safety ‘Earth symbol’ or colored green and yellow or green.

You must connect the blue wire to the pin which is marked with the letter “N” or colored black.

You must connect the brown wire to the pin which is marked with the letter “L” or colored red.

You must have a 13 amp fuse in the plug, adaptor, or at the distribution board.

Declaration of conformity (European countries)

Approvals and Certifications

Hereby, Samsung Electronics, declares that this [CLX-419xN/CLX-626xND] is in compliance with the essential requirements and other relevant provisions of Low Voltage Directive (2006/95/EC), EMC Directive (2004/108/EC).



Hereby, Samsung Electronics, declares that this [C267xFW] is in compliance with the essential requirements and other relevant provisions of R&TTE Directive 1999/5/EC.

The declaration of conformity may be consulted at **www.samsung.com**, go to Support > Download center and enter your printer (MFP) name to browse the EuDoC.

January 1, 1995: Council Directive 2006/95/EC Approximation of the laws of the member states related to low voltage equipment.

January 1, 1996: Council Directive 2004/108/EC, approximation of the laws of the Member States related to electromagnetic compatibility.

Regulatory information

March 9, 1999: Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity. A full declaration, defining the relevant Directives and referenced standards can be obtained from your Samsung Electronics Co., Ltd. representative.

EC Certification

Certification to 1999/5/EC Radio Equipment & Telecommunications Terminal Equipment Directive (FAX)

This Samsung product has been self-certified by Samsung for pan-European single terminal connection to the analogue public switched telephone network (PSTN) in accordance with Directive 1999/5/EC. The product has been designed to work with the national PSTNs and compatible PBXs of the European countries:

In the event of problems, you should contact the Euro QA Lab of Samsung Electronics Co., Ltd. in the first instance.

The product has been tested against TBR21. To assist in the use and application of terminal equipment which complies with this standard, the European Telecommunication Standards Institute (ETSI) has issued an advisory document (EG 201 121) which contains notes and additional requirements to ensure network compatibility of TBR21 terminals. The product has been designed against, and is fully compliant with, all of the relevant advisory notes contained in this document.

European radio approval information (for products fitted with EU-approved radio devices)

Low power, Radio LAN type devices (radio frequency (RF) wireless communication devices), operating in the 2.4 GHz/5 GHz band, may be present (embedded) in your printer system which is intended for home or office use. This section is only applicable if these devices are present. Refer to the system label to verify the presence of wireless devices.



Wireless devices that may be in your system are only qualified for use in the European Union or associated areas if a CE mark with a Notified Body Registration Number and the Alert Symbol is on the system label.

The power output of the wireless device or devices that may be embedded in your printer is well below the RF exposure limits as set by the European Commission through the R&TTE directive.

European states qualified under wireless approvals:

EU countries

European states with restrictions on use:

EU

In France, this equipment may only be used indoors.

EEA/EFTA countries