


5.1.1.1.1. Wi-Fi configuration Tool

1. Function Description

The Wi-Fi configuration tool is used to configure the printer with the SSID, the encryption method and the password provided by the user to connect the printer to the wireless network.

-  **Note:**
- If the PC has a wireless network card, you can select an SSID from the wireless network list detected by the PC.
 - If the PC has no wireless network card, you can choose to enter the SSID manually.
 - You can also get the SSID list by printing the wireless network information page, and then enter the SSID manually.

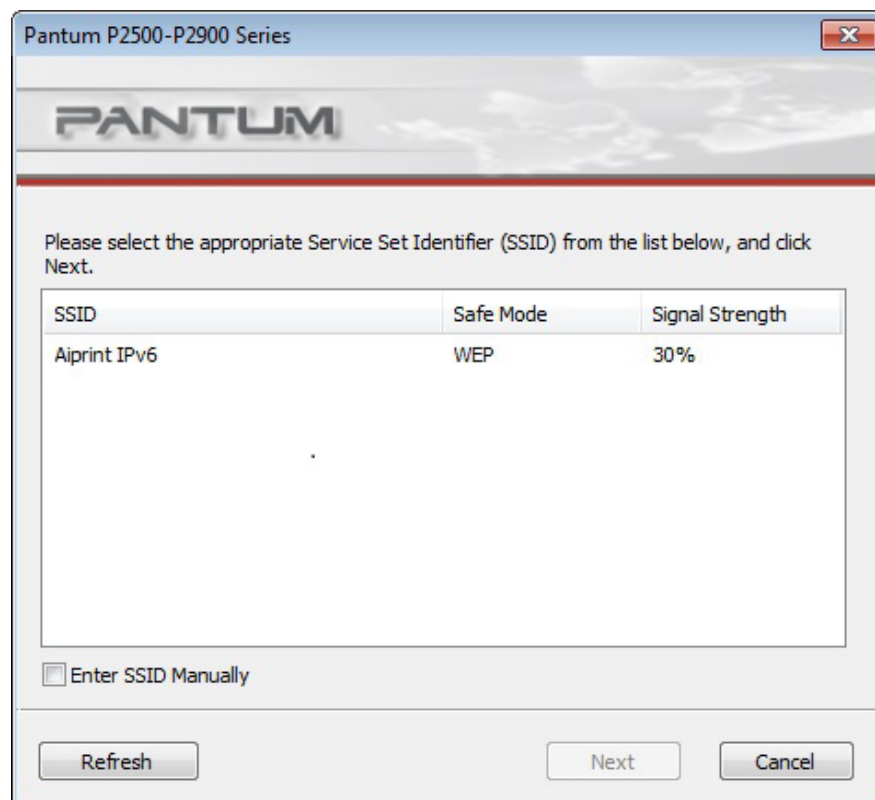
2. Steps

1) Detect the wireless network card

The Wi-Fi configuration tool uses the wireless network card on computer to search for the wireless network. When the computer does not have a wireless network card, the option of Manually enter the SSID will be automatically checked on the Wireless Network List page. Please skip to Step 3 in this case.

2) Wireless Network List

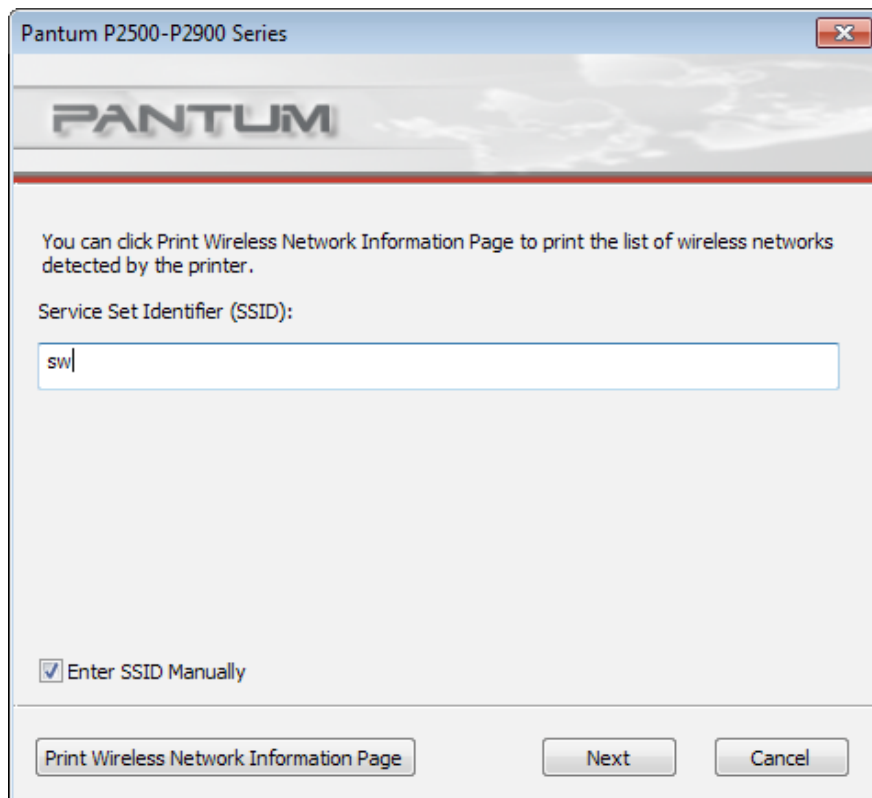
After launching the configuration tool, the screen of Network List detected by the wireless network configuration program appears, where you can select the wireless network.



- The network list shows the information found by the program, e.g., SSID, which is sorted by SSID. Users can select an item in the list, and then click on Next to enter the Information Input interface.
- Manually enter the SSID: click to switch to the screen of Manually Enter the SSID.

3) Screen of Manually Enter the SSID

This screen appears when the user check the option of Manually Enter the SSID.



The screenshot shows a software window titled "Pantum P2500-P2900 Series". At the top is the "PANTUM" logo. Below the logo, a message states: "You can click Print Wireless Network Information Page to print the list of wireless networks detected by the printer." This is followed by the label "Service Set Identifier (SSID):" and a text input field containing the characters "sw". At the bottom left, there is a checked checkbox labeled "Enter SSID Manually". At the bottom of the window, there are three buttons: "Print Wireless Network Information Page", "Next", and "Cancel".

SSID: enter the service set identifier of the network that you want to connect during printing, with the maximum length of 32 characters.

Print the wireless network information page: allows you to print the wireless network list found by the printer.

4) Screen of Information Entry

Screen of Information Entry: allows you to enter the wireless network.

The screenshot shows a window titled "Pantum P2500-P2900 Series" with a close button in the top right corner. The window has a header with the "PANTUM" logo. Below the header, the text "Verify the wireless credential and click Next." is displayed. The form contains the following fields and controls:

- Service Set Identifier (SSID):** A text input field containing the text "SW".
- Safe Mode:** A dropdown menu currently showing "WPA/WPA2".
- Password:** A text input field containing ten asterisks "*****".
- Show Password:** An unchecked checkbox.
- Navigation Buttons:** "Previous", "Next", and "Cancel" buttons are located at the bottom right of the window.

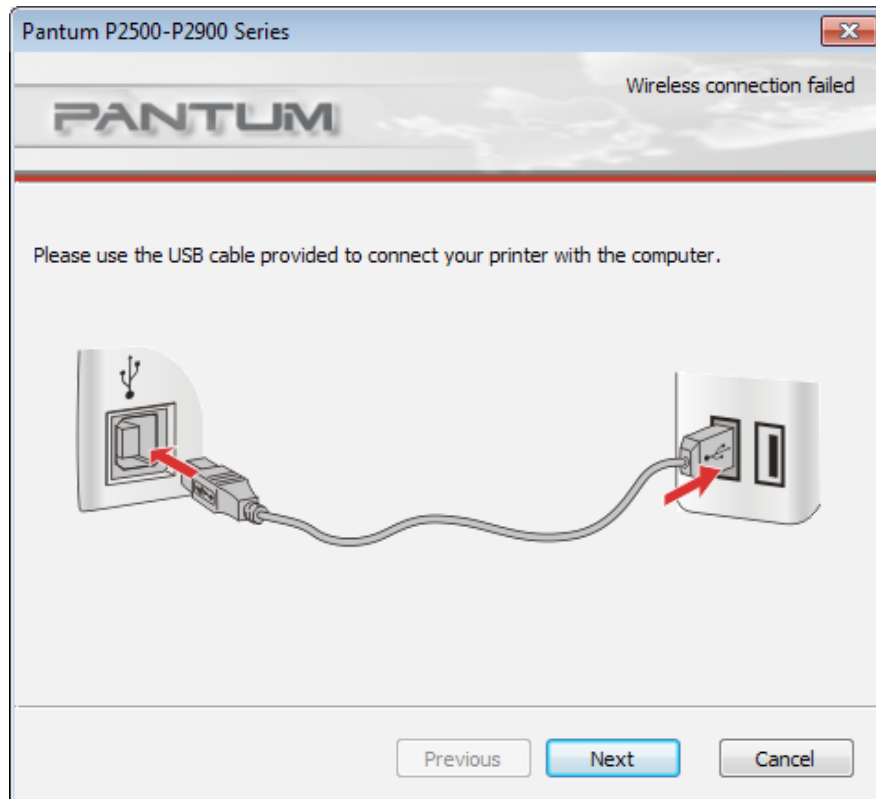
Safe Mode: three types are available currently, namely None, WEP, and WPA/WPA2. When it is None, the password entry field will be hidden, which means no password is needed while connecting the SSID provided. The range for WEP entry is 1~26 characters, and that of WPA/WPA2 is 8~64 characters.

Show Password: it is unchecked by default; when it is checked, the password entered will be displayed as it is instead of asterisks.

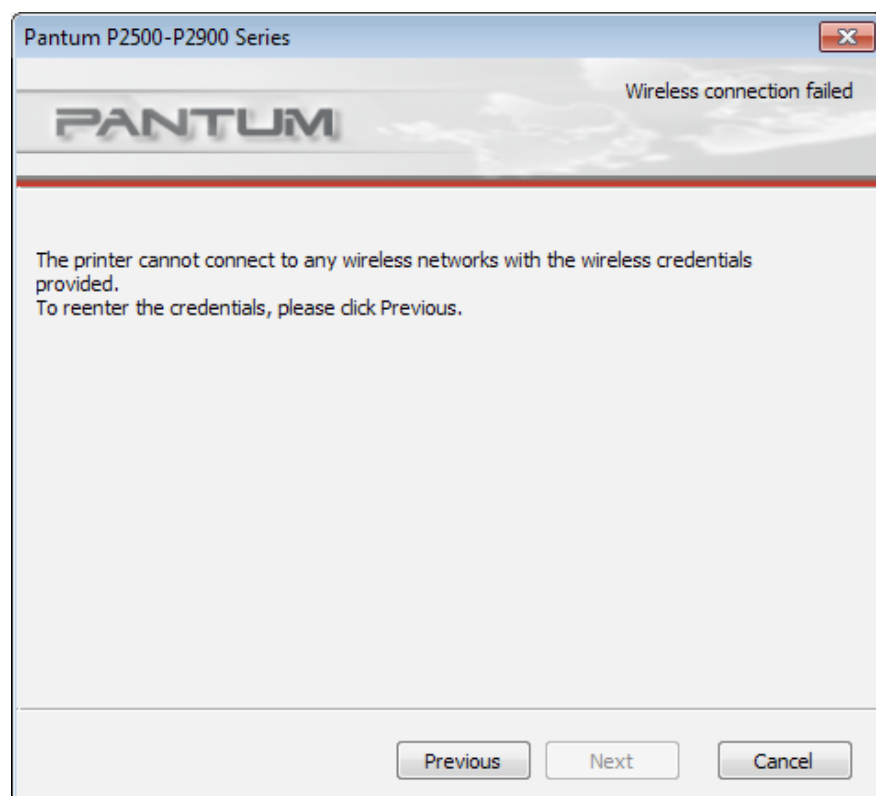
5) Configuration Screen

Screen of Network Configuration: provides the wireless network configuration results for the printer. The screen displays the progress of PC sending configuration message to the printer to set up wireless connection.

The following message will appear if the printer is not connected to the PC:



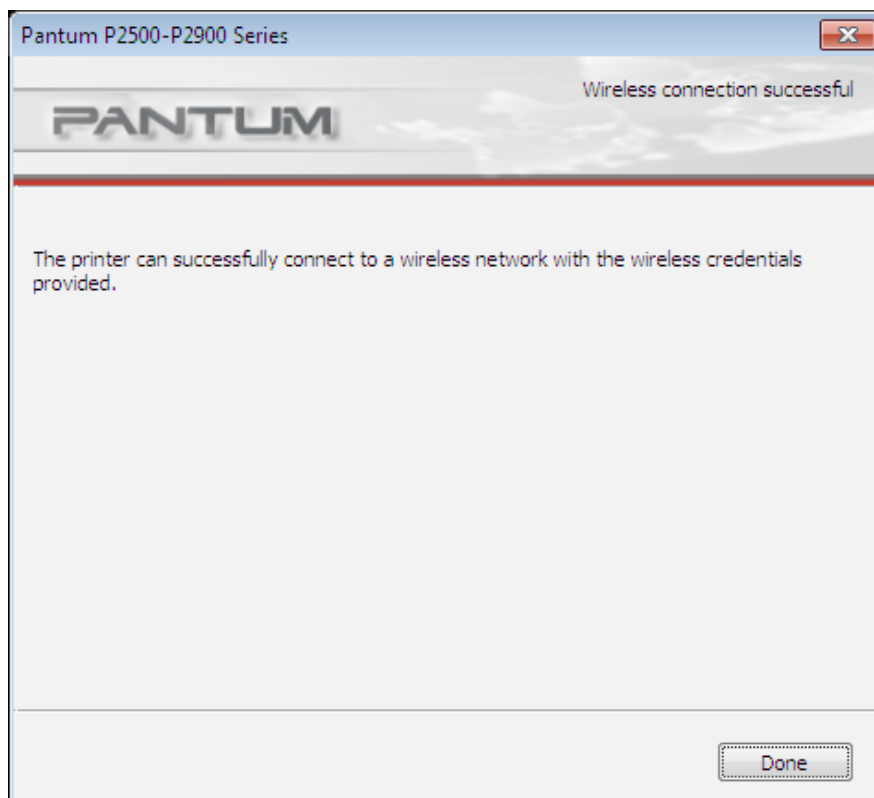
The following message will appear if the printer fails to apply the configuration by using the wireless network provided:



The following message will appear if the printer can apply the configuration by using the wireless network provided, but the PC does not support the wireless network:



The following message will appear for successful wireless connection when the printer can apply the configuration by using the wireless network provided and the PC supports the wireless network:



5.1.2. Configuration with Wi-Fi Direct

When Wi-Fi Hotspot is active, terminal (Station) users can find and connect the printer's Wi-Fi Hotspot by searching for it. The Wi-Fi Hotspot is enabled by default. It can be connected without a password and coexist with Station or wired network.

	Feature	Description	Comment
1	SSID	Pantum-AP-XXXXXX by default XXXXXX should be replaced with the last three digits of the mac address	The XXXXXX section can be modified in WebPage
2	Frequency band	Auto by default	Can be modified in WebPage
3	IP Address	192.168.223.1 by default	Can be modified in WebPage
4	Subnet Mask	255.255.255.0 by default	Can be modified in WebPage
5	DHCP Service	Enabled by default	
6	DHCP service starting address	192.168.223.100 by default	Can be modified in WebPage
7	DHCP service ending address	192,168,223,200 by default	Can be modified in WebPage

5.2. Turn off the Wireless Device

If you want to disconnect the printer with the wireless network, you can turn off the wireless device within the printer.

1. You can disconnect the wireless network by pressing the Wi-Fi button on the printer's control panel for over 2 seconds.
2. To verify whether the wireless device is turned off, press and hold the Cancel/Continue button to print a copy of the configuration page. The wireless network is disconnected successfully if the printer's IP address on the configuration page is 0.0.0.0.

Pantum Mobile Print

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6. Pantum Mobile Print

6.1. What's Pantum Mobile Print

Pantum Mobile Print is a free application, which allows users to directly print photos, documents and WebPages from the mobile terminal. It is available to mobile operating systems with Android 2.3 or later and supports a resolution of 240 * 320dpi or higher. It connects your mobile device with the printer through Wi-Fi access points. You just need to install the Pantum Mobile Print application for configuring the network settings, then it will automatically detect compatible printers to print, which is very convenient and efficient.

6.2. Download Pantum Mobile Print

To download the Pantum Mobile Print application, please visit Pantum official website www.pantum.com.

6.3. Supported Mobile Operating System

Android OS 2.3 or later.

Print

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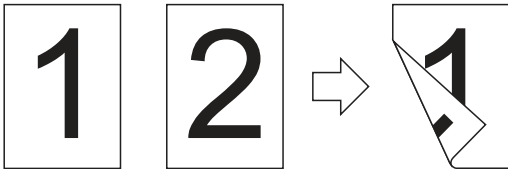
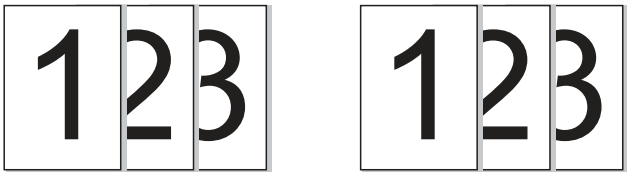

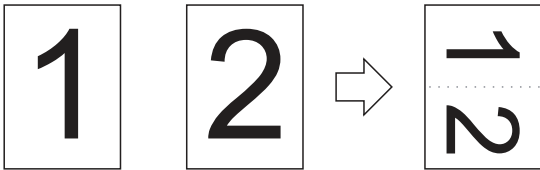
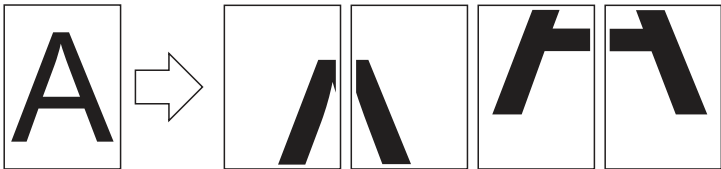
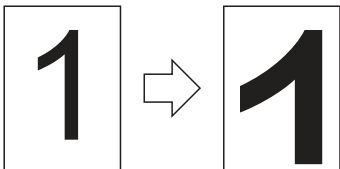

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7. Print

7.1. Print Function

The print function can be achieved through the settings of various properties in the Printing Preferences, and some of the functions are as follows.

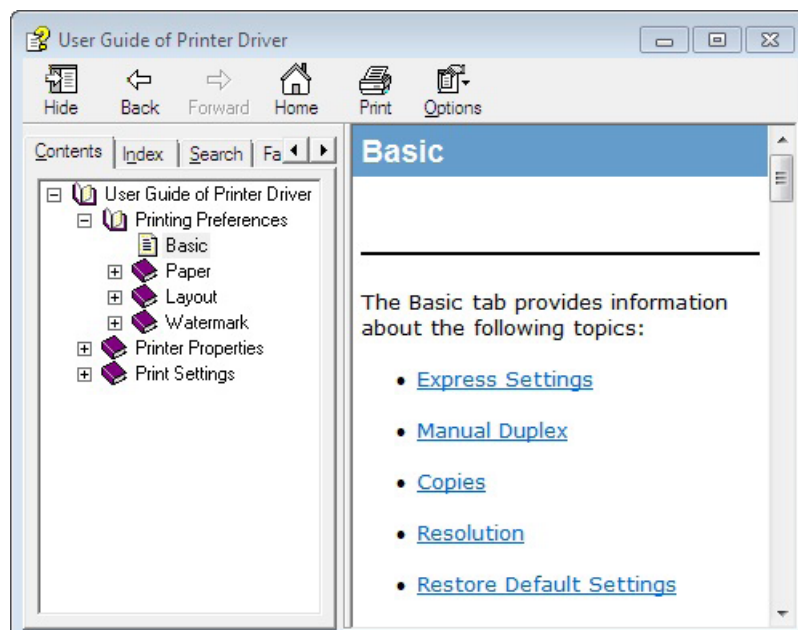
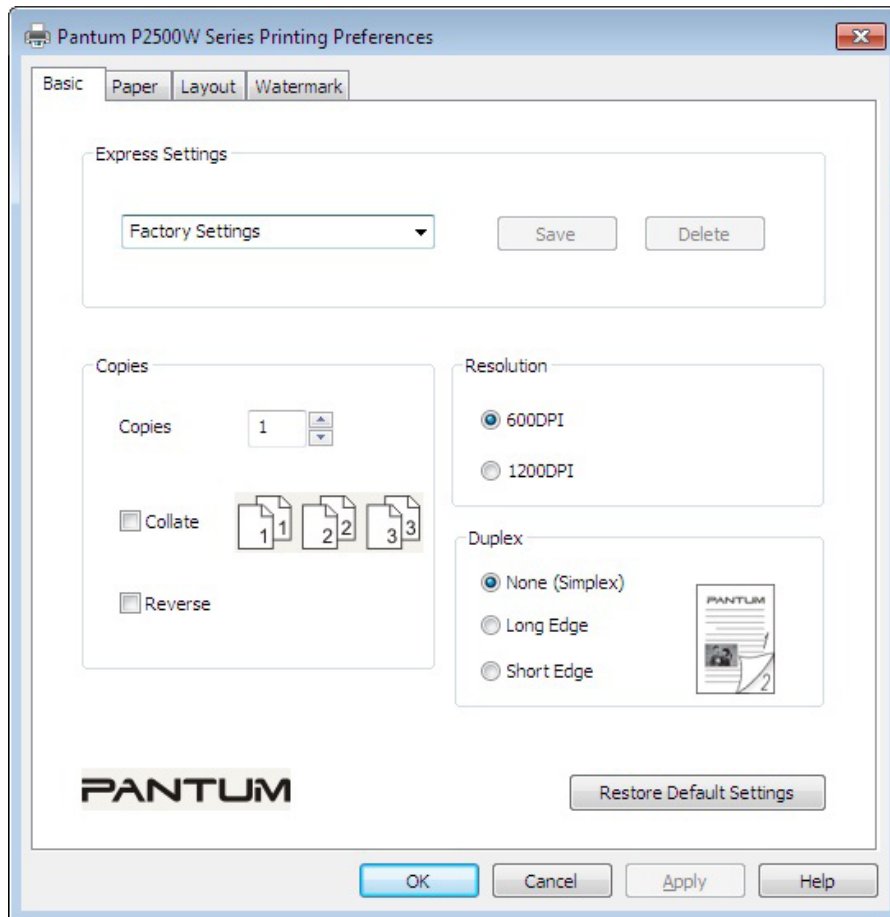
Functions	Diagram
Manual Duplex	
Collate	
Reverse Print	
N-in-1	
Poster Print (for Windows system only)	
Zoom Print	
Custom Size	



- Note:**
- You can select the 2 x 2 Poster Print in N-in-1 to enable the poster printing function.
 - You can open the Printing Preferences and click Help button to view the specific function explanation. For information about how to open the help document, see Section 7.2.

7.2. Opening Help Document

You can open the Printing Preferences and click Help button (for Windows system only). The help document contains the user guide where you can find the information on print settings.



7.3. Manual Duplex

1. The printer driver supports manual duplex.



Note: • If the paper is thin, it may wrinkle.

- If the paper is curled, make it flat and put it back into the manual feeder tray or automatic feeder tray.
- If the manual duplex function causes a paper jam, see Section 10.1 for handling it.

2. Ensure that certain amount of paper is loaded into the automatic feeder tray before printing.

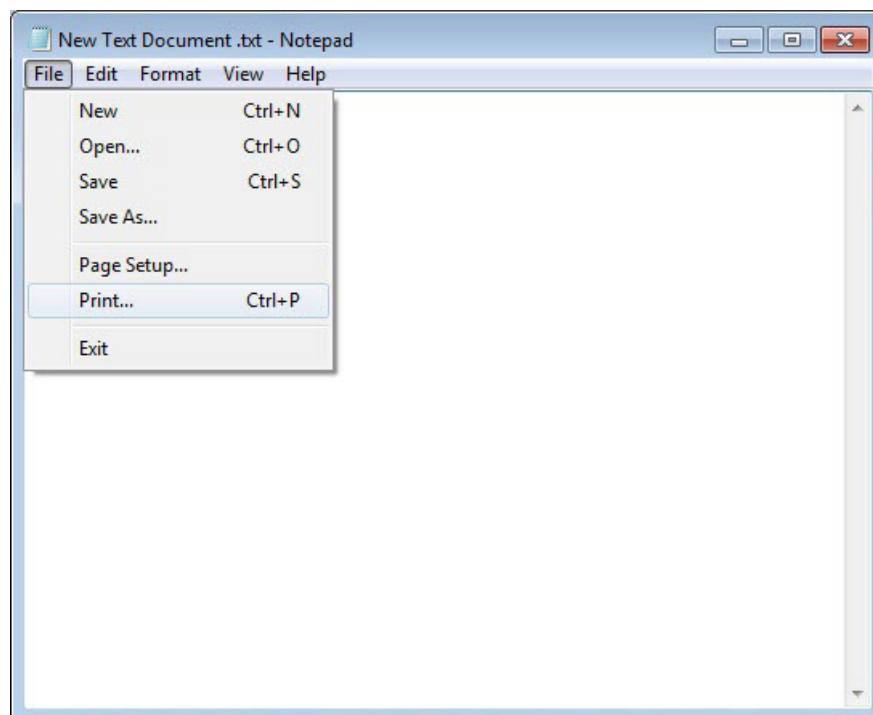


Note: • For loading paper, see Section 2.2.

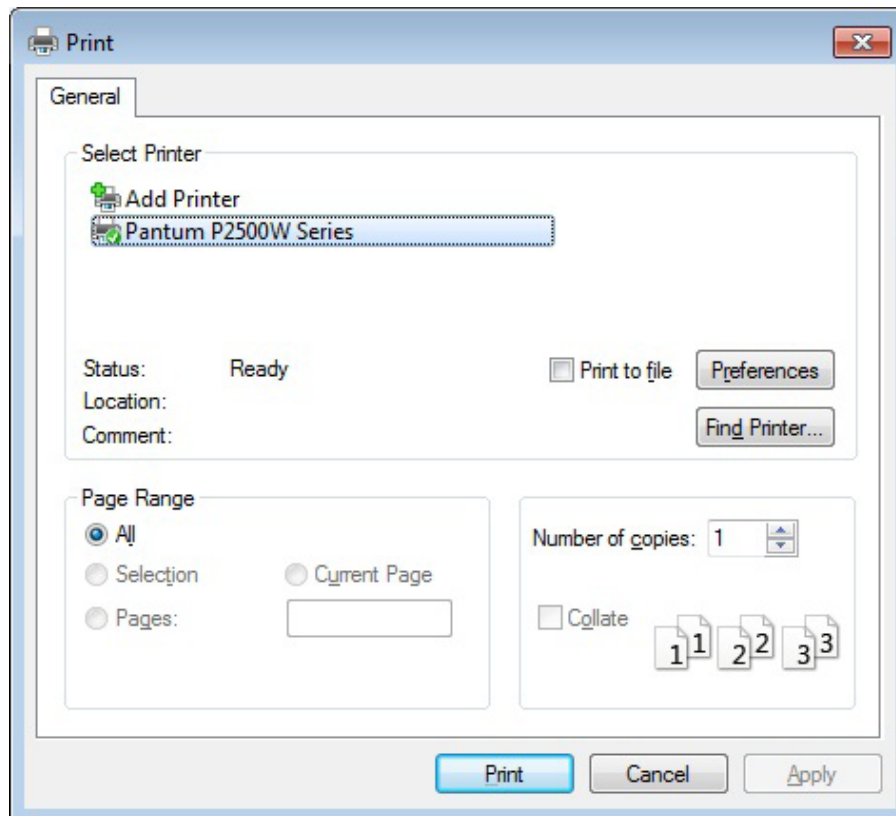
- For the type of media that can be printed with the automatic feeder tray, see Chapter 2.1. It is recommended to use the standard paper.
- Some paper media are not suitable for the duplex printing. Trying the duplex printing with it may damage the printer. When Paper Type is Thick or Transparency, please do not try Duplex Printing. If 2 x 2 Poster Print is checked in the Printing Preferences dialog box, Manual Duplex will not be supported.
- Paper will get jammed or cannot be fed in when the automatic feeder tray is loaded with more than 150 sheets.

3. Printing steps are as follows (for Windows system only) :

a) Open the document to be printed from the application (such as Notepad), and select Print from the File menu

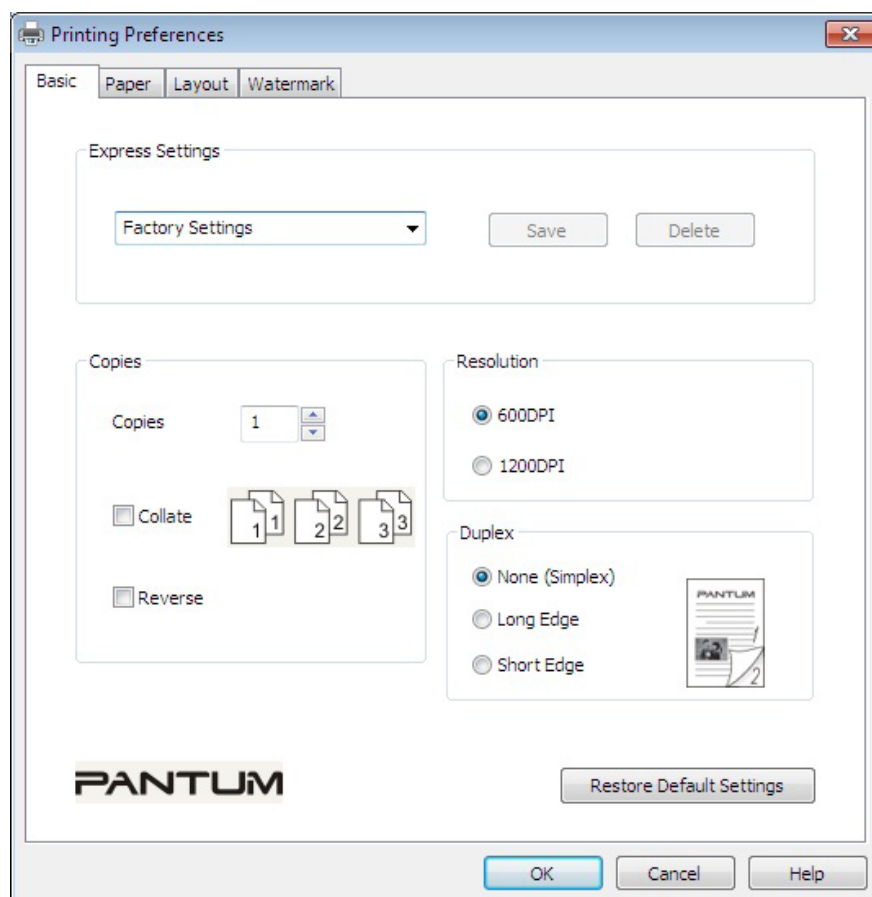


b) Select Pantum printer

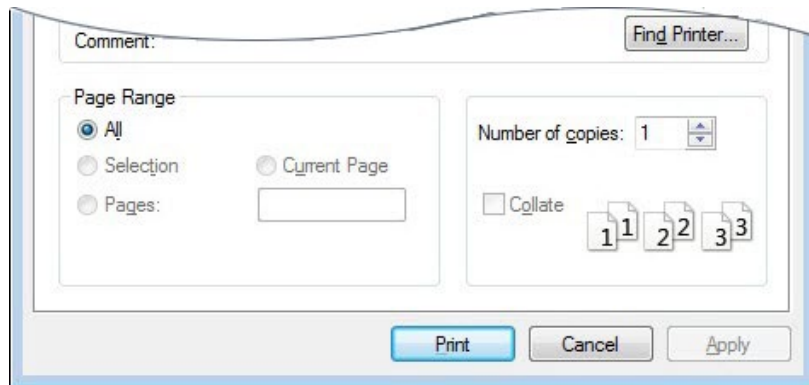


Click Preferences to set up for printing.

c) Check Manual Duplex in the Basic tab and click OK after completing the settings



d) Click Print.

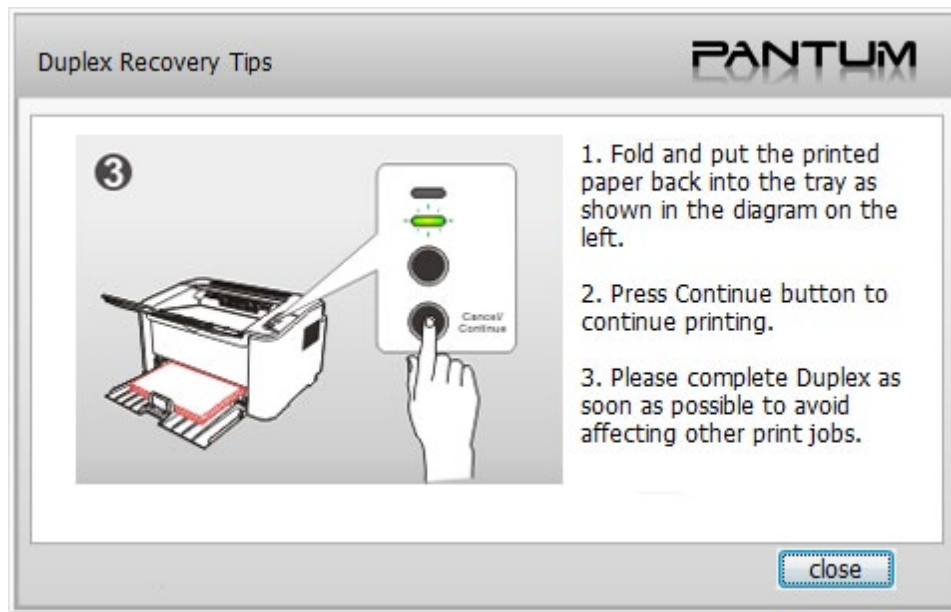


Note: • It is recommended to raise the output tray to prevent the paper from sliding out of it. If you choose not to raise the output tray, we recommend that you immediately remove the printed paper output from the printer.

e) Send the print job after choosing Manual Duplex, then the following prompt window will appear, telling you the next specific operations. Interfaces are different depending on the models.



f) After turning over the paper according to the prompt, press Continue button of the printer to go on printing the other side.



g) You can click Close button to close this prompt window, and it will not appear until the next Manual Duplex job comes in.

7.4. Cancel Print Job

Press and hold the Cancel/Continue button on the control panel to cancel the job you want to cancel during the printing process.

Control Panel

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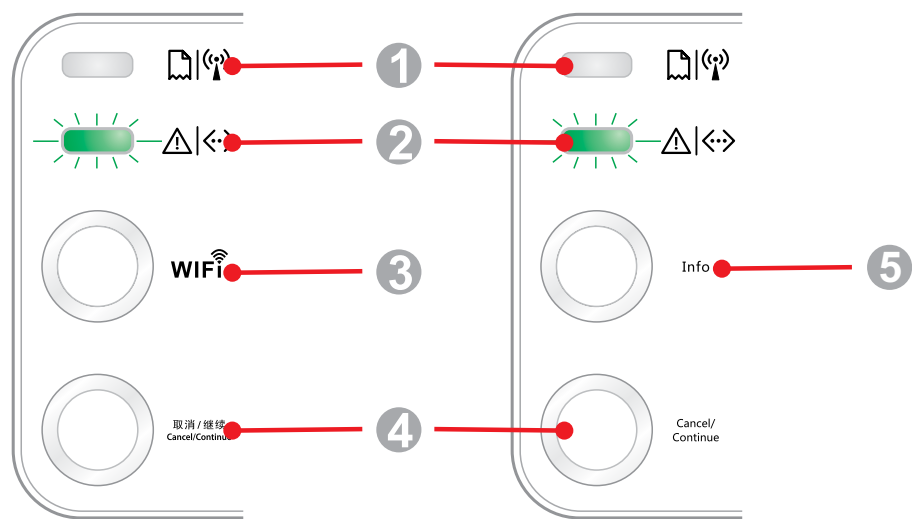
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8. Control Panel

8.1. Control Panel Overview for P2200/P2500 Series

The printer control panel layout includes 2 buttons and 2 multi-colored LED indicators as shown below. The diagram on the left shows the control panel of the printer with USB+WiFi interface, while the one on the right displays the control panel of the printer with USB interface only:



Serial No.	Name
1	Multi-colored LED1 indicator
2	Multi-colored LED2 indicator
3	WiFi search button
4	Cancel/Continue button
5	Information button

8.1.1. Functions of Buttons on the Control Panel

8.1.1.1. Operation Function of Wi-Fi Search Button

If there is no Wi-Fi connection, short-press this button to launch Wi-Fi connection and search Wi-Fi Hotspot AP; stop searching if it fails to find any Access Point (AP) within 2 minutes.

If there is no Wi-Fi connection, press and hold this button to launch WPS connection, and meanwhile press the WPS button on the wireless router within 2 minutes; stop WPS connection if Wi-Fi connection cannot be established within 2 minutes.

If there is WIFI connection while no Wi-Fi print job, press and hold this button to disconnect Wi-Fi connection.

If there is Wi-Fi connection and Wi-Fi print job, wait until the job is completed and then press and hold this button to disconnect the Wi-Fi connection.

8.1.1.2. Operation Function of Cancel/Continue Button

If the printer is in sleep mode, press or press and hold this button can wake it up.

Press and hold this button during printing can cancel the current print job.







8.1.1.3. Operation Function of Information Button

When the printer is in ready mode, press and hold this button can print the test page.

8.1.2. Function of LED Indicators on the Control Panel









8.1.2.1. LED1 Status Indication

The meanings of the status indication of LED1 are as follows:

Serial No.	Paper/WiFi Multi-colored LED1 Status Indication	Status Description (For printers with USB+WiFi interface)	Status Description (For printers with USB interface)
1		No WiFi connection, no paper error, sleep mode LED1 off	No WiFi connection, no paper error, sleep mode LED1 off
2		Searching WiFi, no indication of paper error LED1 with green light flashing slowly	N/A
3		Connecting WiFi..., no indication of paper error LED1 with green light flashing quickly	N/A
4		Successful WiFi connection, no paper error LED1 with green light staying on	N/A
5		Paper Jam Error LED1 with red light staying on	Paper Jam Error LED1 with red light staying on
6		Paper shortage in printing, or failed in feeding LED1 with red light flashing quickly	Paper shortage in printing, or failed in feeding LED1 with red light flashing quickly























8.1.2.2. LED2 Status Indication

The meanings of the status indication of LED2 are as follows:

Serial No.	Data/ Cartridge Multi-colored LED2 Status Indication	Status Description (For printers with USB+WiFi interface and the ones with USB interface only)
1		Starting and warming up the printer, waking up and warming up the printer, and warming up the printer by opening and closing its cover. LED2 with green light flashing slowly
2		The printer is ready LED2 with green light staying on
3		Sleep LED2 with green light on and flashing slowly
4		Printing Multi-colored LED2 with green light flashing quickly
5		Alarming for toner low LED2 with orange light on and flashing quickly
6		Cartridge error (not installed, mismatch, expired) LED2 with orange light staying on
7		Serious printer error (heating roller abnormalities, laser motor abnormalities, communication error, opened cover, etc.) LED2 with red light staying on
8		A job is cancelled via the panel LED2 with light flashing quickly

8.1.2.3. Indication of LED1 and LED2 Combination Status

You can refer to the indicator combination list for information on the working status of the printer. Some of the LED1 and LED2 combined indications are as follows:

Serial No.	Status		Status Description
	Paper/WIFI (Multi-colored LED1)	Data/Cartridge (Multi-colored LED2)	
1			Paper jam, the printer is ready LED1 with red light staying on, LED2 off
2			Paper jam during printing LED1 with red light staying on, multi-colored LED2 off
3			Paper jam, alarming for toner low LED1 with red light staying on, LED2 off
4			Paper jam, cartridge error (not installed, mismatch, expired), the multi-colored indicator (orange) stays on LED1 with red light staying on, LED2 with orange light on
5			Paper jam, serious printer error (heating roller abnormalities, laser motor abnormalities, communication error, opened cover, etc.) LED1 off, LED2 with red light staying on
6			Paper jam, a job is cancelled via the panel LED1 off, LED2 with green light flashing quickly
7			Paper shortage in printing, or failed in feeding, only showing paper errors LED1 with red light flashing quickly, LED2 off
8			Paper shortage in printing, or failed in feeding, alarming for toner low LED1 with red light flashing quickly, LED2 off
9			Paper shortage in printing, or failed in feeding, cartridge error (not installed, mismatch, expired) LED1 off, LED2 with orange light staying on
10			Paper shortage in printing, or failed in feeding, and meanwhile, serious printer error (heat roller abnormalities, laser motor abnormalities, communication error, opened cover, etc.) LED1 off, LED2 with red light staying on
11			A job is being cancelled via the panel because of paper shortage in printing or failure in feeding LED1 with green light off, LED2 with green light flashing quickly

Routine Maintenance

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9. Routine Maintenance

9.1. Cleaning the Printer

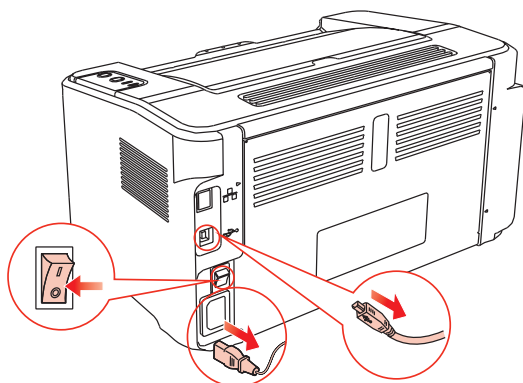


Note: • Please use mild detergents.

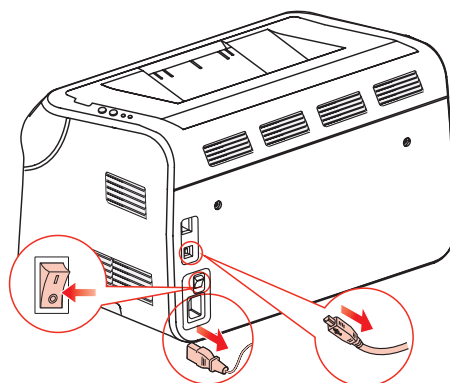
Please clean the printer in accordance with the following steps:

1. Turn off the main power switch and unplug the power cord and USB cable.

P2500 Series

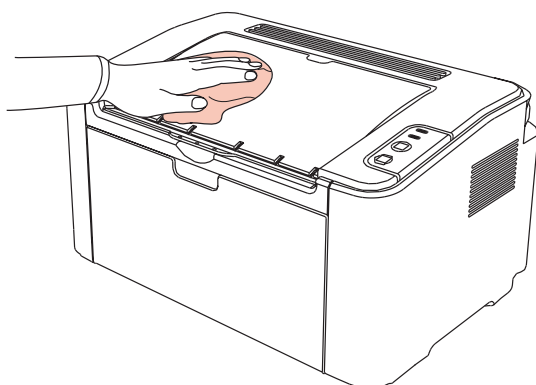


P2900 Series

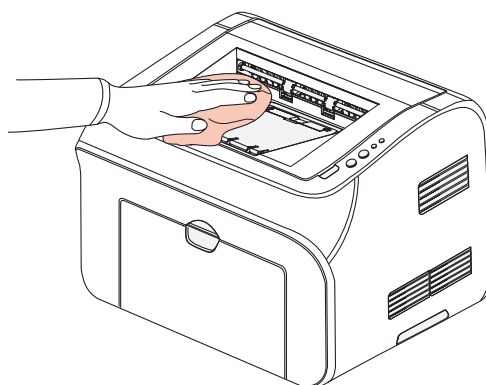


2. Use a soft cloth to wipe the outside of the printer clean.

P2500 Series

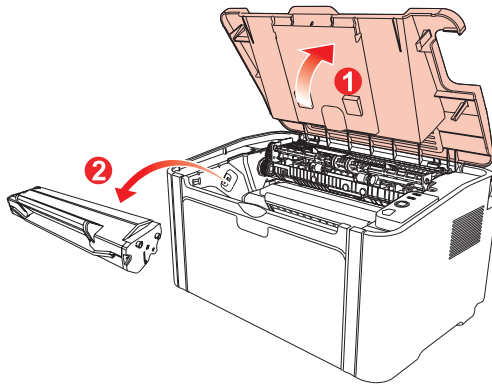


P2900 Series

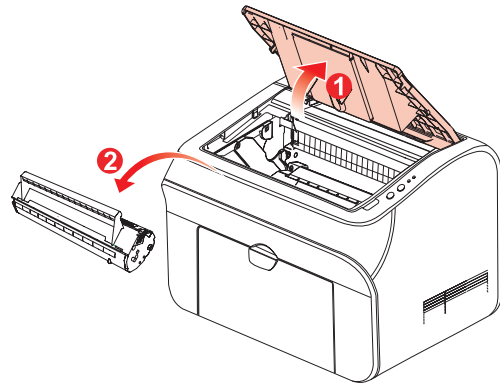


3. Open the upper cover and take out the laser toner cartridge.

P2500 Series



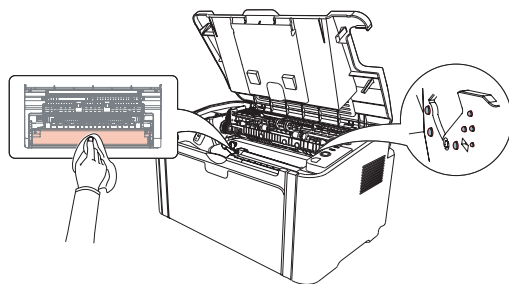
P2900 Series



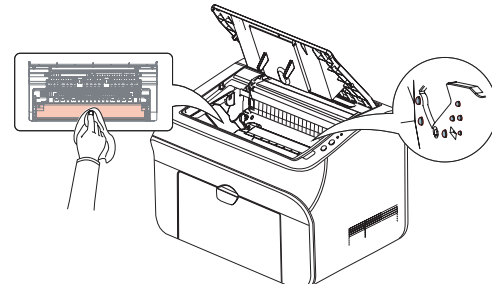
Note: • When removing the laser toner cartridge, put the cartridge in a protective bag or wrap it with thick paper to avoid direct light damaging the photosensitive drum.

4. Clean the inside of the printer by using a dry and lint-free cloth to gently wipe the shaded area as shown in the figure below.

P2500 Series



P2900 Series



9.2. Maintenance of Laser Toner Cartridge

9.2.1. Use and Maintenance of Laser Toner Cartridge

For better print quality, please use the original Pantum laser toner cartridge.



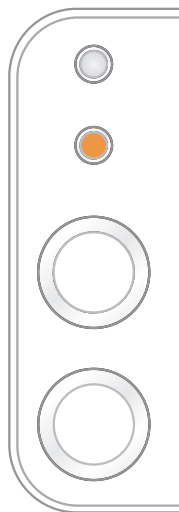
Note: when using the laser toner cartridge, please pay attention to the following:

- Unless used immediately, otherwise, do not remove the laser toner cartridge from the package.
- Do not attempt to refill the laser toner cartridge without authorization. Otherwise, the resulting damage is not included in the printer warranty.
- Please store the laser toner cartridge under a cool and dry environment.
- Toner inside the laser toner cartridge is combustible. Please do not put the laser toner cartridge near any source of ignition, so as to avoid causing a fire.
- When removing or disassembling the laser toner cartridge, please pay attention to the toner leakage problem. In case of the toner leakage resulting in that the toner contacts with your skin or splashes into your eyes and mouth, please immediately wash with clear water, and consult a doctor immediately if you feel unwell.
- When placing the laser toner cartridge, please keep it away from the area reachable by children.

9.2.2. Service Life of Laser Toner Cartridge

Service life of the laser toner cartridge depends on the amount of toner that print jobs require.

When the printer LED indicator shows the status in the following figure, it indicates that the laser toner cartridge life has expired and needs to be replaced.



9.2.3. Replace Laser Toner Cartridge



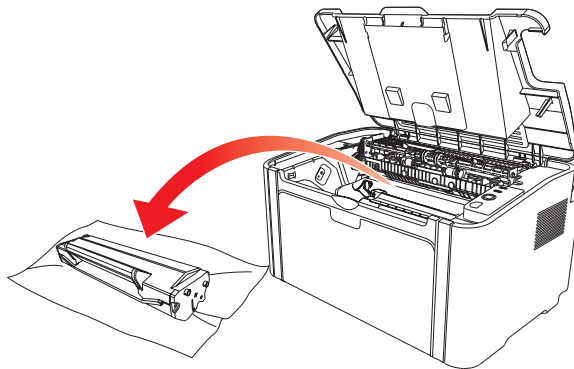
Note: before replacing the laser toner cartridge, please pay attention to the following:

- The laser toner cartridge surface may contain toner. Please remove it carefully to avoid spilling.
- Put the removed laser toner cartridge on a piece of paper to avoid the toner from accidentally spilling.
- After removing the protective cover, please immediately install the laser toner cartridge into the printer, so as to avoid photosensitive drum damage caused by exposing to too much direct sunlight or indoor light.
- While installing the laser toner cartridge, do not touch the surface of the photosensitive drum so as not to scratch it.

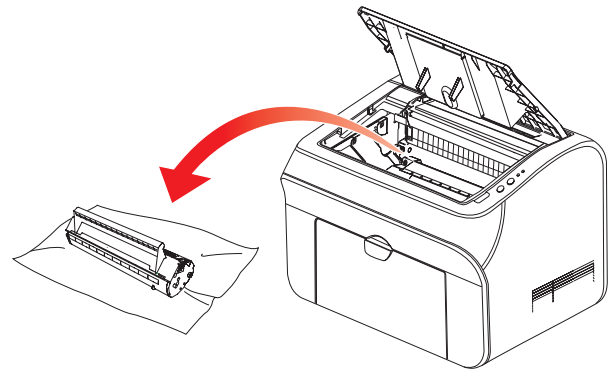
Replacement steps are as follows:

1. Open the upper cover, and remove the empty laser toner cartridge along the guides.

P2500 Series

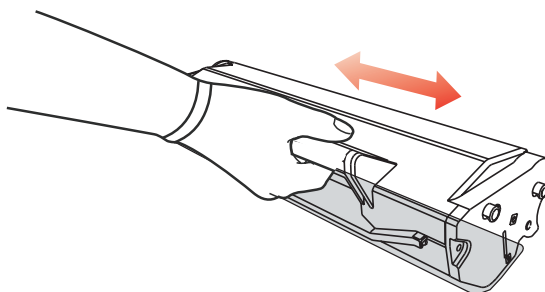


P2900 Series

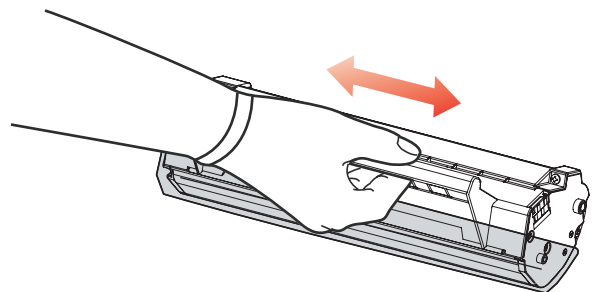


2. Open the package of a new laser toner cartridge, hold the handle of the cartridge and gently shake around 5-6 times, so as to make the toner evenly distributed inside the cartridge.

P2500 Series

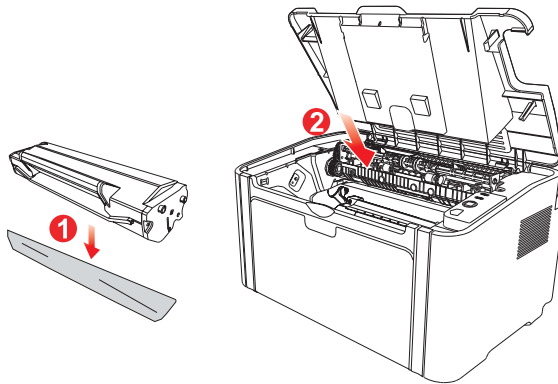


P2900 Series

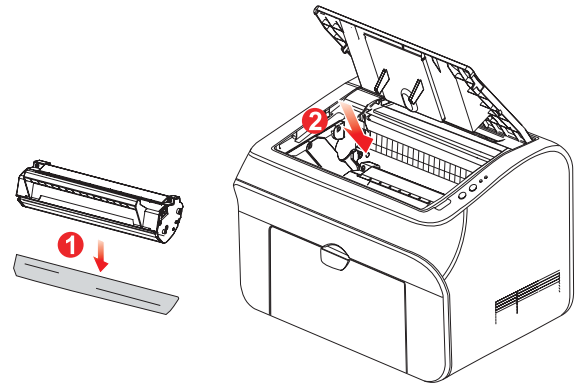


3. Remove the protective cover, and put the laser toner cartridge into the printer along the guides

P2500 Series

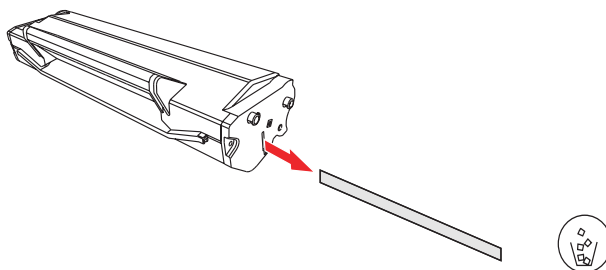


P2900 Series

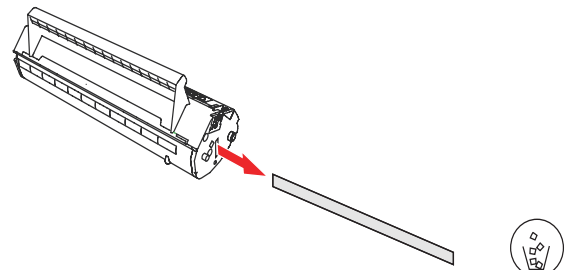


Note: • Check whether there is any seal on it before installing the laser toner cartridge into the printer; if there is any, please tear off the seal and then install the cartridge.

P2500 Series

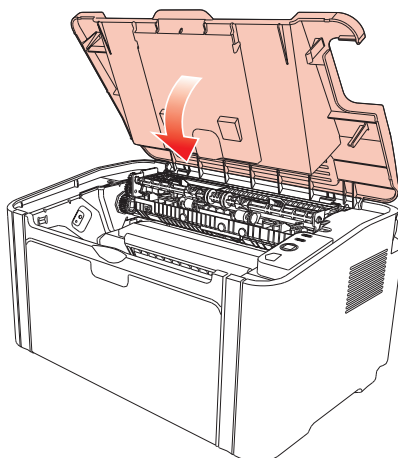


P2900 Series

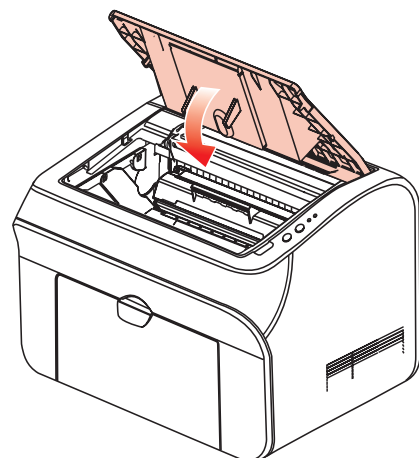


4. Close the upper cover tightly

P2500 Series



P2900 Series



Troubleshooting

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10. Troubleshooting

Please read this section carefully. It can help you solve common trouble in the printing process. If the problems appeared cannot be solved, please contact Pantum Aftersales Service Center.

Prior to handling common trouble, first check that:

- The power cord is connected correctly and the printer is powered on.
- All of the protective parts are removed.
- The laser toner cartridge is correctly installed.
- The output bin is fully closed.
- The paper is correctly loaded into the tray.
- The interface cable is correctly connected between the printer and the computer.
- The correct printer driver is selected and installed properly.
- The computer port is properly configured and is connected to the proper printer port.

10.1. Clearing Jammed Paper



Note: • Remove the jammed paper in accordance with the following steps, close the upper cover and tidy the paper in the tray, then the printer will automatically resume printing. If the printer cannot automatically start printing, please press the button on the control panel.

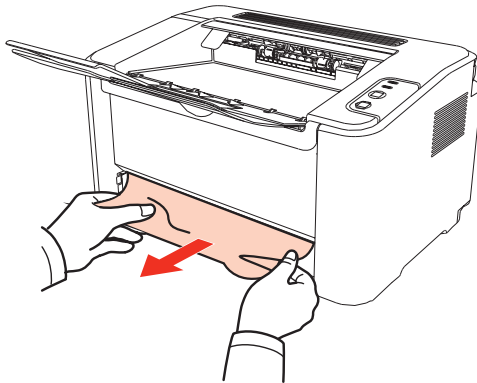
- If the printer still does not start printing, please check whether all the jammed paper inside the printer are cleared.
 - If you cannot remove the jammed paper yourself, please contact your local Pantum authorized repair center or send the printer to the nearest Pantum authorized service center for repair.
-

10.1.1. Paper Jam in the Feed Port

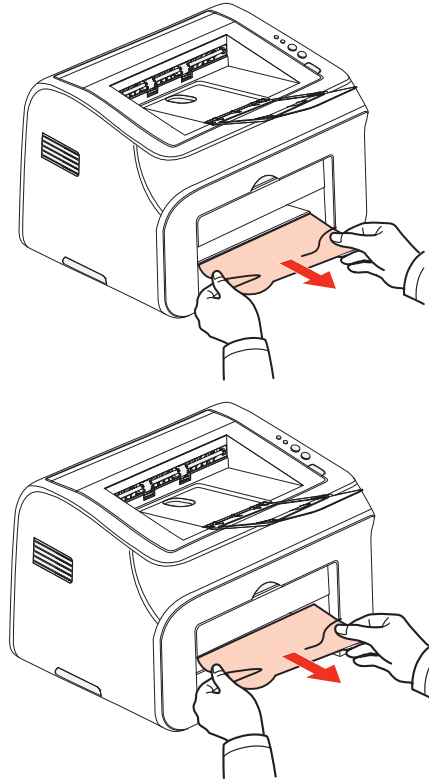
If the output bin is open, please close it first.

Gently pull the jammed paper straight out.

P2500 Series



P2900 Series (automatic feeder tray and manual feeder tray)

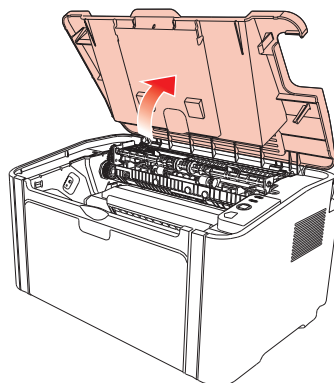


If the paper does not move while being pulled, or there is no paper in this area, please check the inside of the printer.

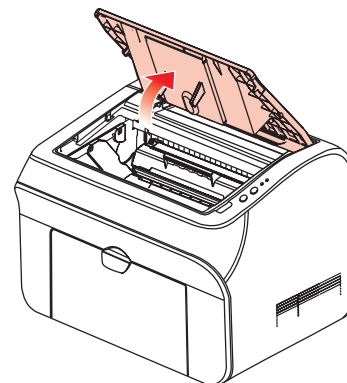
10.1.2. Paper Jam inside the Printer

1. Open the upper cover.

P2500 Series

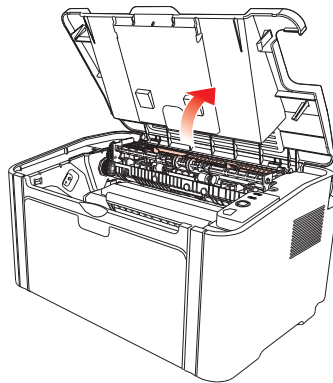


P2900 Series

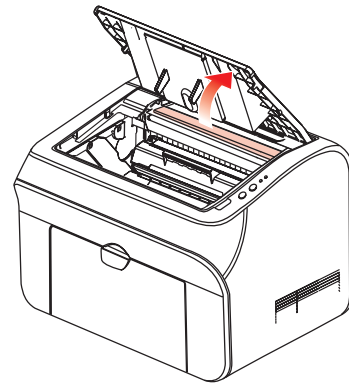


2. Open the upper fuser guide to decrease the pressure of compression spring.

P2500 Series

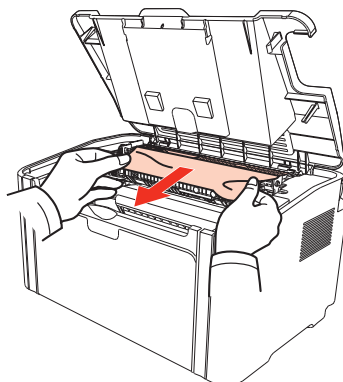


P2900 Series

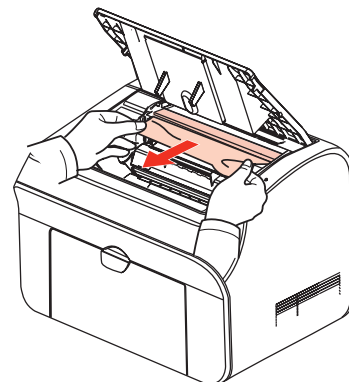


3. Pull the jammed paper out of the fuser unit.

P2500 Series



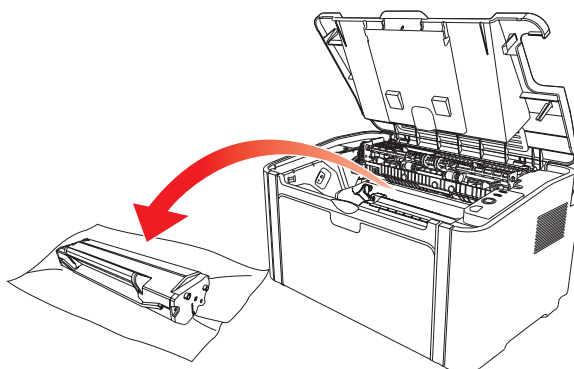
P2900 Series



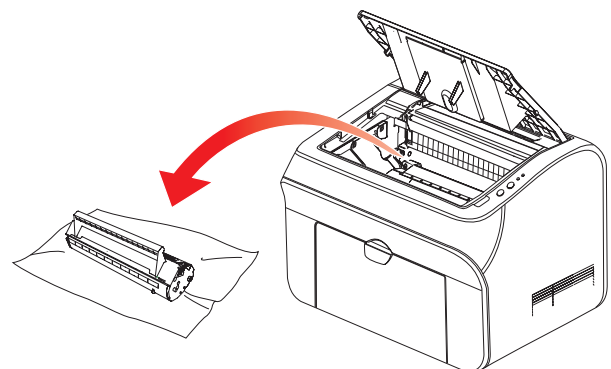
If no jammed paper is found, please go to the next step.

4. Remove the laser toner cartridge along the guides

P2500 Series

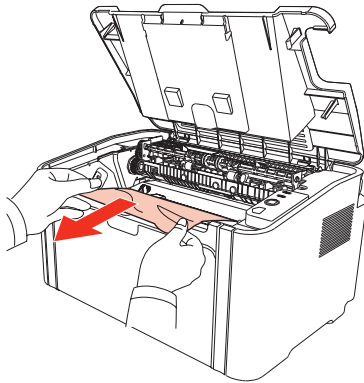


P2900 Series

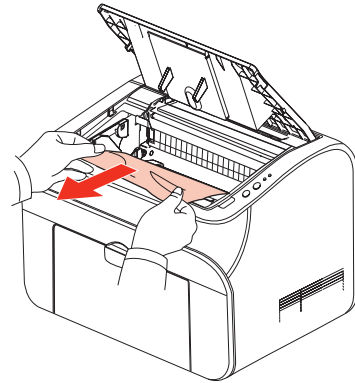


5. Slowly pull the jammed paper out along the paper output orientation.

P2500 Series

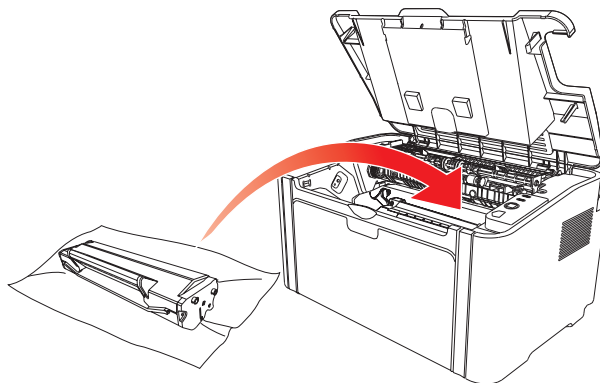


P2900 Series

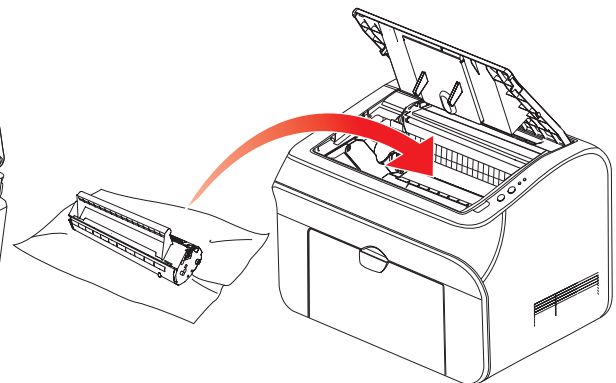


6. After removing the jammed paper, insert the laser toner cartridge into the printer along the guides until you hear a click assuring you that the cartridge is fully inserted.

P2500 Series

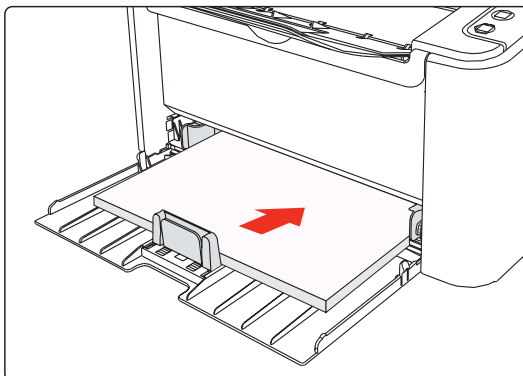


P2900 Series

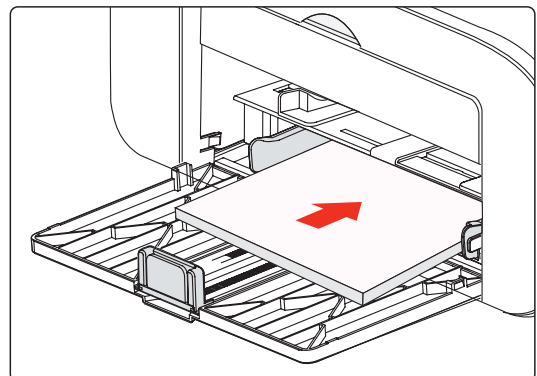


7. Put the paper in the tray neatly, and do not carry out the next print until the indicator resumes print-ready status.

P2500 Series



P2900 Series



10.2. Common Troubleshooting

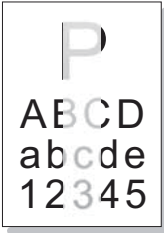
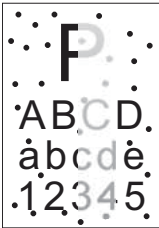


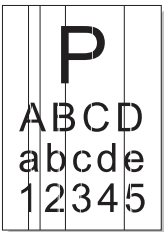
10.2.1. Common Trouble

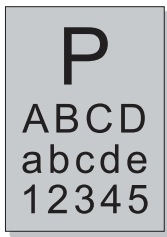
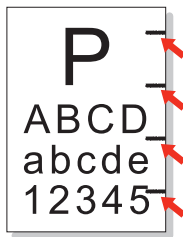
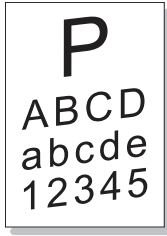
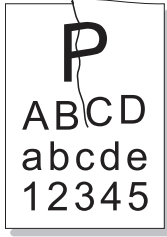
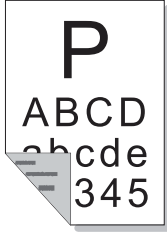
Trouble	Cause	Solution
Printer Problems		
The printer does not work	The cable between the computer and the printer is not connected properly. Error in specifying the print port. The printer is offline, and Use Printer Offline is checked. The printer does not recover from an internal error, such as a paper jam, paper empty, etc.	Disconnect and then reconnect the printer cable. Check the printer settings to ensure that the print job is sent to the correct port. If the computer has more than one port, make sure that the printer is connected to the correct port. Make sure that the printer is in the normal online status.
Problems in Handling Paper		
Paper feed failure	The print media is loaded incorrectly. The print media is beyond the usage specification range. The feed roller is dirty.	Please correctly load the print media. If you use special print media for printing, please print with the manual feeder tray. Please use the print media within the specification range. Clean the feed roller.
Paper Jam	There is too much paper in the tray. The print media is beyond the usage specification range. There is foreign matter in the feed channel. The feed roller is dirty. Internal parts failure.	Remove excess paper from the tray. If you print on special print media, please use the manual feeder tray. Make sure to use the paper that meets specifications. If you print on special print media, please use the manual feeder tray. Clean the feed channel. Clean the feed roller.
Print with multipage fed in	Excessive static electricity on the print media. The print media is damp and sticks together. Internal parts failure.	Separate the print media to eliminate some static electricity. It is suggested that you use the recommended print media. Separate the print media or use better and dry print media.


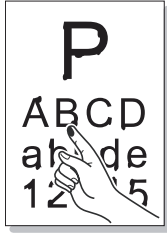
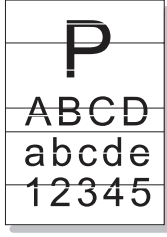


Note: • If the problem remains, please contact Pantum Customer Service.

10.2.2. Image Defects

Trouble	Cause	Solution
 <p>The printout is whitish or light</p>	<ul style="list-style-type: none"> • Toner is low. • The print media does not meet usage specification, such as the media is damp or too rough. • The resolution in the print program is set too low. • The laser toner cartridge is damaged. 	<ul style="list-style-type: none"> • Please properly use the print media within the specification range. • Setup the print resolution in the program.
 <p>Toner spots</p>	<ul style="list-style-type: none"> • The laser toner cartridge is dirty or leaks toner. • The laser toner cartridge is damaged. • The print media that does not meet usage specification, such as the media is damp or too rough. • The feed channel is dirty. 	<ul style="list-style-type: none"> • Please use the print media within the specification range. • Clean the feed channel.
 <p>White spots</p>	<ul style="list-style-type: none"> • The print media that does not meet usage specification, such as the media is damp or too rough. • The feed channel is dirty. • The internal part of the laser toner cartridge is damaged. • The reflective glass of the laser inside the printer is dirty. 	<ul style="list-style-type: none"> • Please use the print media within the specification range. • Clean the feed channel. • Clean the reflective glass of the laser.
 <p>Toner comes off</p>	<ul style="list-style-type: none"> • The print media that does not meet usage specification, such as the media is damp or too rough. • The inside of the printer is dirty. • The laser toner cartridge is damaged. • The internal part of the printer is damaged. 	<ul style="list-style-type: none"> • Please use the print media within the specification range. If you use special print media, please print with the manual feeder tray. • Clean the inside of the printer.
 <p>Black vertical stripes</p>	<ul style="list-style-type: none"> • The laser toner cartridge is dirty. • The internal part of the laser toner cartridge is damaged. • The reflective glass of the laser inside the printer is dirty. • The feed channel is dirty. 	<ul style="list-style-type: none"> • Clean the reflective glass of the laser at the back of the printer. • Clean the feed channel at the back of the printer.

Trouble	Cause	Solution
 <p>Black background (gray background)</p>	<ul style="list-style-type: none"> • The print media that does not meet usage specification, such as the media is damp or too rough. • The laser toner cartridge is dirty. • The internal part of the laser toner cartridge is damaged. • The feed channel is dirty. • The transfer voltage inside the printer is abnormal. 	<ul style="list-style-type: none"> • Please use the print media within the specification range. • Clean the feed channel inside the printer.
 <p>Cyclical traces appear</p>	<ul style="list-style-type: none"> • The laser toner cartridge is dirty. • The internal part of the laser toner cartridge is damaged. • The fuser component is damaged. 	<ul style="list-style-type: none"> • Clean the laser toner cartridge or replace it with a new one. • Please contact Pantum Customer Service to repair and replace the fuser component.
 <p>Skewed pages</p>	<ul style="list-style-type: none"> • The print media is loaded incorrectly. • The feed channel of the printer is dirty. 	<ul style="list-style-type: none"> • Ensure correct loading of the print media. • Clean the feed channel inside the printer.
 <p>Wrinkled paper</p>	<ul style="list-style-type: none"> • The print media is loaded incorrectly. • The print media does not meet the usage specification. • The feed channel inside the printer is dirty. • The fuser component of the printer is damaged. 	<ul style="list-style-type: none"> • Ensure correct loading of the print media. • Please use the print media within the specification range for printing. • Clean the feed channel inside the printer.
 <p>The back of the printout is dirty</p>	<ul style="list-style-type: none"> • The laser toner cartridge is dirty. • The transfer roller inside the printer is dirty. • The transfer voltage inside the printer is abnormal. 	<ul style="list-style-type: none"> • Clean the laser toner cartridge or replace it with a new one. • Clean the internal transfer components of the printer.

Trouble	Cause	Solution
 <p>Whole page dark</p>	<ul style="list-style-type: none"> • The laser toner cartridge is installed incorrectly. • The internal part of the laser toner cartridge is damaged. • Abnormal charge inside the printer; the laser toner cartridge is not charged. 	<ul style="list-style-type: none"> • Ensure to install the cartridge correctly.
 <p>The toner does not adhere to the paper</p>	<ul style="list-style-type: none"> • The print media that does not meet usage specification, such as the media is damp or too rough. • The inside of the printer is dirty. • The laser toner cartridge is damaged. • The internal part of the printer is damaged. 	<ul style="list-style-type: none"> • Please use the print media within the specification range. If you use special print media, please print with the manual feeder tray. • Clean the inside of the printer.
 <p>Horizontal stripes</p>	<ul style="list-style-type: none"> • The laser toner cartridge is incorrectly installed. • The laser toner cartridge might be damaged. • The internal part of the printer is damaged. 	<ul style="list-style-type: none"> • Ensure to install the cartridge correctly.

Product Specification

11

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11. Product Specification

11.1. P2200/P2500 Series Specification



Note: • Specification values are slightly different for different models of printers with different functions. These values are based on the initial data. For more information about the latest specification, please visit: www.pantum.com

11.1.1. Specification Overview

Processor		600MHZ
Memory		64MB/128MB
Power Supply		220V Model: AC 220-240V, 50/60Hz, 3.0A 100V Model: AC 100-127V, 50/60Hz, 6.0A 110V Model: AC 110-127V, 50/60Hz, 6.0A (Note: For the power supply and voltage that is suitable for this printer, please refer to the nameplate on the back of the printer. Please strictly use the power supply for the printer according to its specification.)
Model: P2200/P2201/P2203/P2207/P2209/ P2500/P2501/P2503/P2505/P2507/ P2509/P2500W/P2500N/P2505N		
Communication interface		Hi-Speed USB 2.0; WiFi 802.11b/g/n
Operation environment	Best print quality	10-32 °C
	Humidity range for operation	20 to 80% RH
Product Size (W*D*H)		about 337mm*220mm*178mm
Weight (excluding the laser toner cartridge)		about 4.3kg (excluding the attached laser toner cartridge)
Control Panel		LED

11.1.2. Printing Specification

Print Speed	A4	20/22ppm
	Letter	21/23ppm
First Page Print Time		8s
Print Language		GDI
Maximum print size		Legal (216mm*355.6mm)
Durability	Recommended Monthly Page Volume	700 pages
	Maximum Monthly Page Volume	15000 pages
Paper Input Capacity	Standard Tray	150 pieces (80g/m ²)
Paper Output Capacity	Print-side down	100 pieces (80g/m ²)
Print Media	Media Type	Plain paper, thin paper, thick paper, transparent film, card paper, label paper, envelope
	Media size	A4, A5, JIS B5, ISO B5, A6, Letter, Legal, Executive, Folio, Oficio, Statement, Japanese Postcard, Monarch Env, DL Env, C5 Env, C6 Env, No.10 Env, ZL, Big 16K, Big 32K, 16K, 32K, B6, Yougata4, Postcard, Younaga3, Nagagata3, Yougata2.
	Media weight	60~163g/m ²

11.2. P2900 Series Specification



Note: • Specification values are slightly different for different models of printers with different functions. These values are based on the initial data. For more information about the latest specification, please visit: www.pantum.com

11.2.1. Specification Overview

Processor		600MHZ
Memory		64MB/128MB
Power Supply		220V Model: AC 220-240V, 50/60Hz, 3.0A 100V Model: AC 100-127V, 50/60Hz, 6.0A 110V Model: AC 110-127V, 50/60Hz, 6.0A (Note: For the power supply and voltage that is suitable for this printer, please refer to the nameplate on the back of the printer. Please strictly use the power supply for the printer according to its specification.)
Communication interface		Hi-Speed USB 2.0; WiFi 802.11b/g/n 100Base-Tx Ethernet;
Operation environment	Best print quality	10-32 °C
	Humidity range for operation	20%-80% RH
Product Size (W*D*H)		380*261*236mm
Weight (excluding the laser toner cartridge)		about 5.3kg (excluding the attached laser toner cartridge)
Control Panel		LED

11.2.2. Printing Specification

Print Speed	A4	24ppm
	Letter	25ppm
First Page Print Time		< 8.5s
Print Language		GDI
Maximum print size		Legal (216mm*355.6mm)
Durability	Recommended Monthly Page Volume	700 pages
	Maximum Monthly Page Volume	20,000 pages
Paper Input Capacity	Standard Tray	150 pieces (80g/m ²)
	Multipurpose Tray	1 piece (60~163g/m ²)
Paper Output Capacity	Print-side down	100 pieces (80g/m ²)
Print Media	Media Type	Plain paper, thin paper, thick paper, transparent film, card paper, label paper, envelope
	Media size	A4, A5, JIS B5, ISO B5, A6, Letter, Legal, Executive, Folio, Oficio, Statement, Japanese Postcard, Monarch Env, DL Env, C5 Env, C6 Env, No.10 Env, ZL, Big 16K, Big 32K, 16K, 32K, B6, Yougata4, Postcard, Younaga3, Nagagata3, Yougata2.
	Media weight	60~163g/m ²

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