YL-300PB

Inkjet Printing & Banding machine

User manual

BINDTec

Contents

1. Safety Instructions

2. Product Overview and Package Contents

3. Part names, Functions, and Print Settings

4. Band Installation and Removal

5. Temperature Control

6. Band Length Adjustment

7. Banding and Printing

8. Replacing the Ink Cartridge and Battery

9. Troubleshooting Checklist

10. Technical Specifications

Product warranty

1 Safety Instructions

For your safety

Please read this user manual carefully before operating the machine.

Maintenance requirements

1. **Ensure that AC220V power is supplied**
   Voltage fluctuations must be kept to a minimum to prevent malfunction.

2. **Do not operate the machine in high temperature or high humidity environments.**
   Such conditions may cause the band to jam around the roller or affect machine operation.

3. **Clean the unit at least once a week.**
   Pay particular attention to keeping the rollers and sensor clean.

4. **Do not tamper with or disassemble the unit.**
   The warranty will be void if serviced by anyone other than authorized personnel.

5. **Do not touch the heater while the machine is operating or within 10 minutes after shutdown.**
   Contact may cause burns or injury.

6. **Turn off the power after using the machine.**

2 Product Overview and Package Contents

Inkjet Printing & Banding Machine(YL-300PB)

*__Multi System__

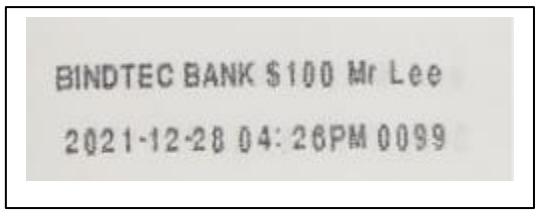
- Banknotes are banded and printed in sequence within the same cycle.

- Printing data is entered via Wi-Fi from the administrator's smartphone.

- The system allows users to enter various data fields such as bank name, branch name, operator, date, time, and current count.

- Inkjet printing method is used.

- One or two lines of information can be printed on each paper band.



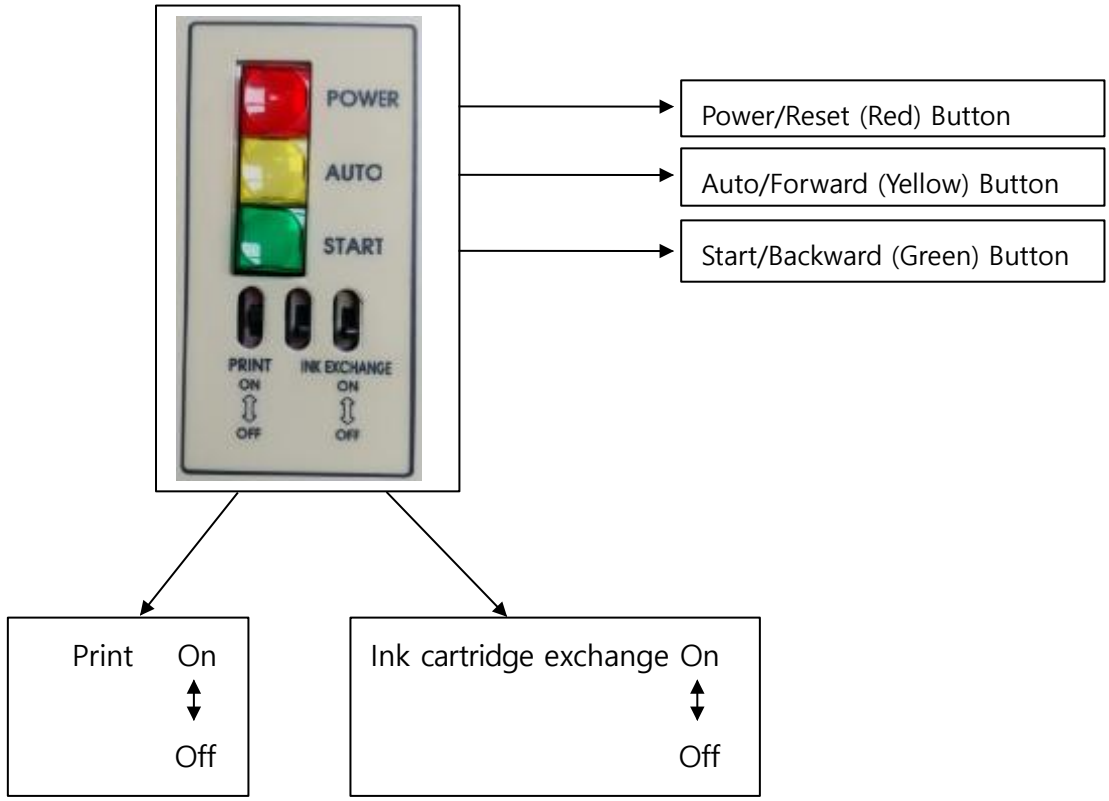
- The administrator can set a password for secure access.

Package Contents

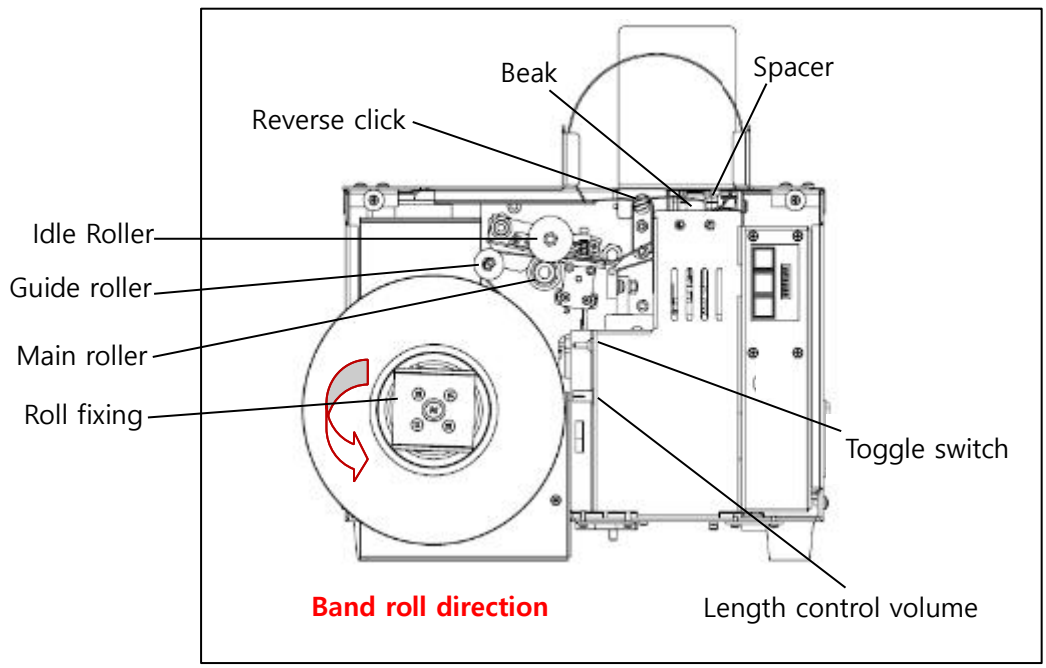
* Manual .....1 pc
* Ink cartridge ..... 2 pcs
* Paper band .....1 roll
* Power cable .....1 pc

3 Part Names, Functions, and Print Settings

[Banding part]



***Enables or disables printing function** ***Activates ink cartridge replacement mode**



[Printing Part]

Please enter the desired information by following the instructions below.

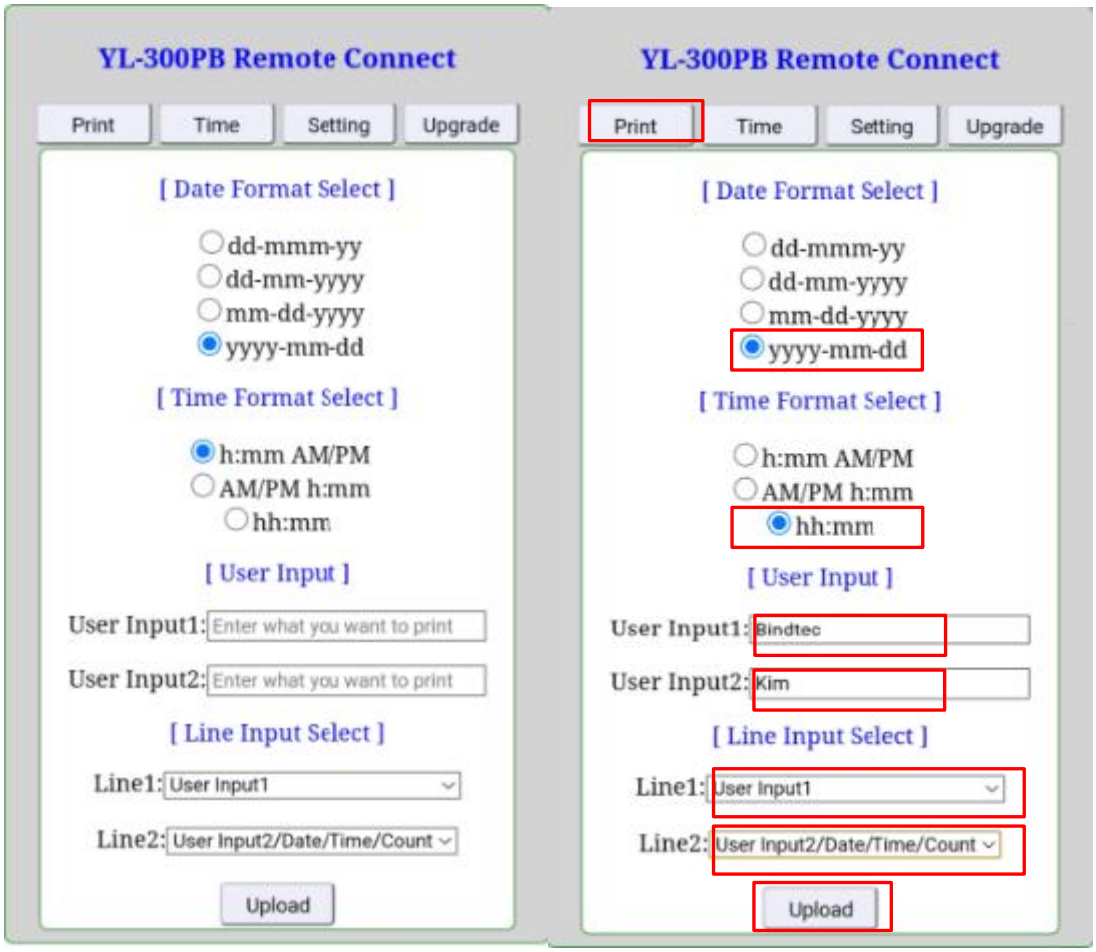
◆ Connecting to smart device

1. On your smart device, select **Bindtec YL-300PB-xxxxxx** from the Wi-Fi list.
When prompted for a password, enter **12345678** to connect.

2. Open an internet browser(e.g., Chrome) and enter **192.168.4.1** in the address bar, and the setup screen will appear.

◆ Print Settings

When the **Print** button is pressed, the following screen appears:



1. Select the desired **Date/Time Format.**
2. Enter the contents to be printed in **User Input 1 and User Input 2.**
3. Select what to print on the **first line.**
4. Select what to print on the **second line.**
5. Click the **Upload** button to save the data.

As an example, select the **4th option** in the **Date Format Select** section, and the **3rd option** in the **Time Format Select** section. Then, enter "Bindtec" in **User Input 1** and "Kim" in **User Input 2**. In the **Line Input Select** section, choose the "User Input1" for **Line 1** and "User Input2/Date/Time/Count" option for **Line 2.** After pressing the **Upload** button to apply the settings, operating the machine will result in the following printout on the band:

==> **Bindtec**
Kim 2021.11.29 13:49 0001

◆ Set the Printing Time

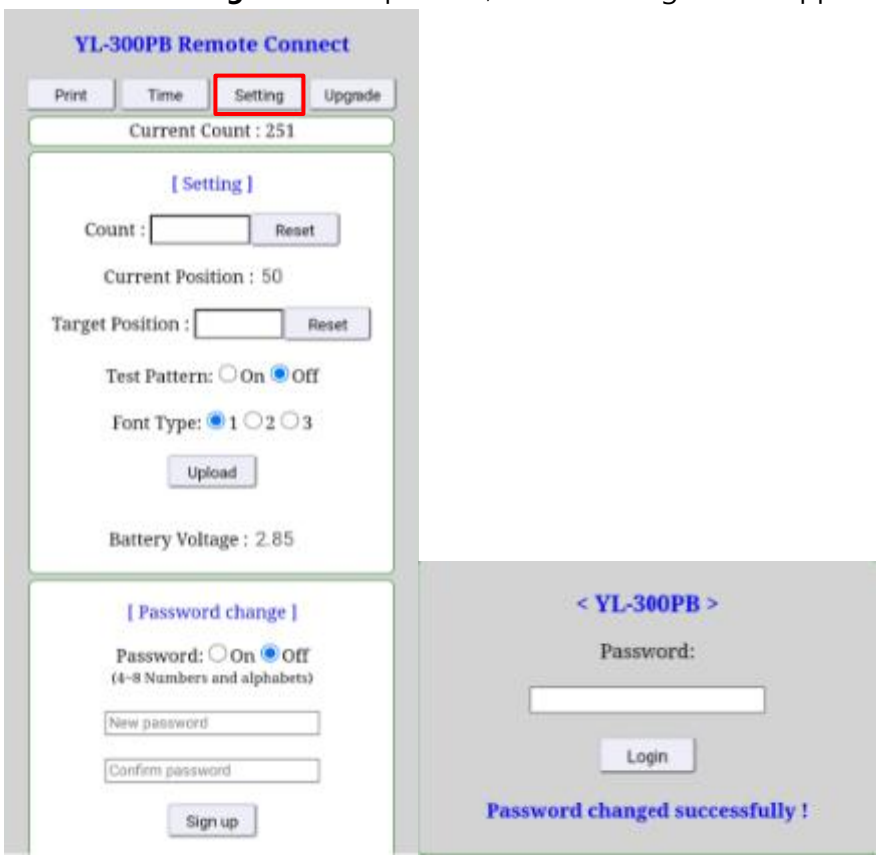
When you press the **Time** button, the following screen appears:

There are two ways to set and save the time.

1. Press the **Upload** button under **Local time** to save the current time from the smart device.
2. Use the **User Time** option to manually set the date and time, then press **Upload** to save.

◆ Print Output Settings

When the **Setting** button is pressed, the following screen appears:



1. **Current Count**: Displays the number of printed items. If you need to revise the count, Enter the desired number in the **Count** field and press **Reset** to apply.

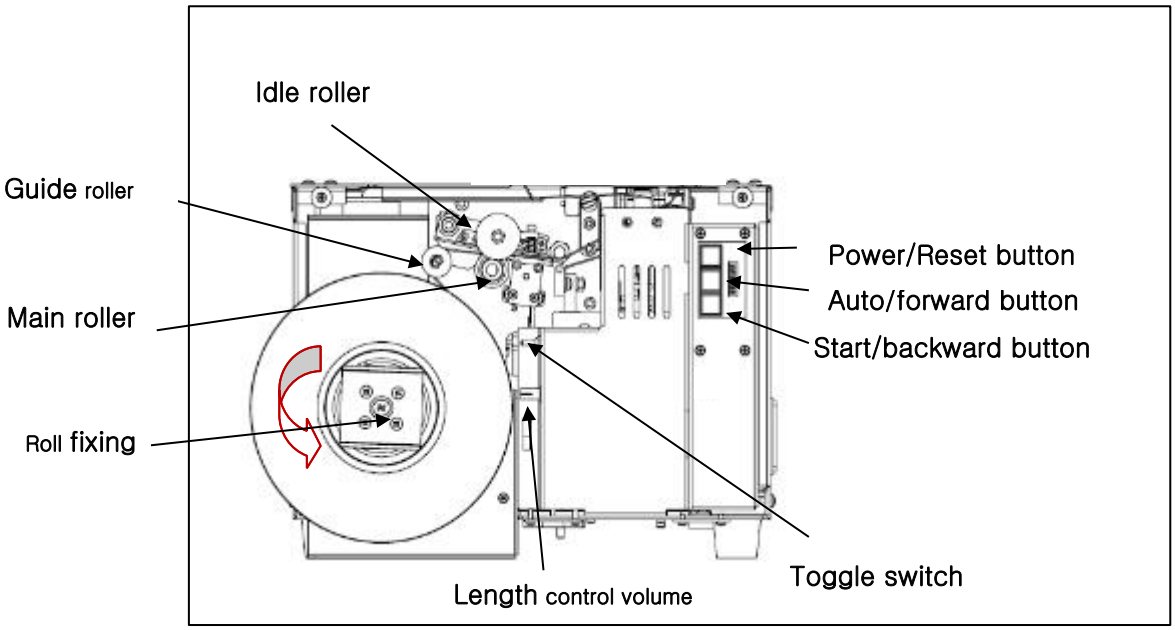
2. **Current Position**: Indicates the starting point of the print on the paper band. Enter a value in the **Target Position** field and press **Reset** to apply. A higher value shifts the print position further to the right.

3. **Font Type**: Select the desired font size(*Font No.3 is the largest*).

4. **Battery Voltage**: Displays the voltage of the coin battery. Replace the battery when it drops below **1.8V**(*If the battery is missing or low, time settings may be lost when power is off).*

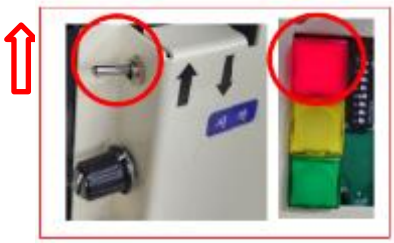
5. **Password Setting:** When a password is saved with this option enabled, a login prompt will appear. **Be sure not to forget the password.** If forgotten, please contact authorized dealer for support.

4 Band Installation and Removal

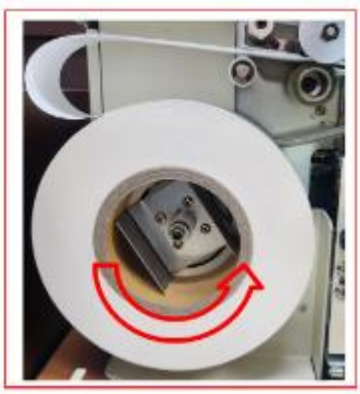


[Band Installation]

1. **Toggle the switch up** to activate **Feeding mode.**
   When Feeding Mode is active, the **Power(RED) button** will blink.



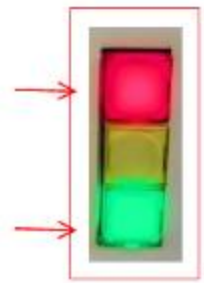
2. **Insert the band onto roll fixing unit** in a **counterclockwise direction.**



3. **Set the band** as shown in the photo on the right.
   Then press the **Yellow button** to feed the band forward.

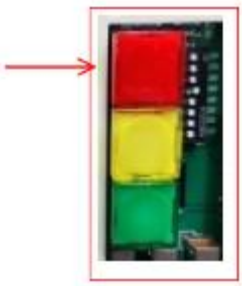
4. **Toggle the switch down** to activate **Banding Mode**.

5. When the **GREEN button** lights up and the **RED button** blinks, press the **Red button**.
   This action cuts the band and prepares the machine for banding.



6. **Adjust the band loop size** using the **Length Control Volume.**

7. If you need to **reload the band**, press and hold the **Red button** for 2 seconds. The machine will cut the existing band and automatically feed a new one.

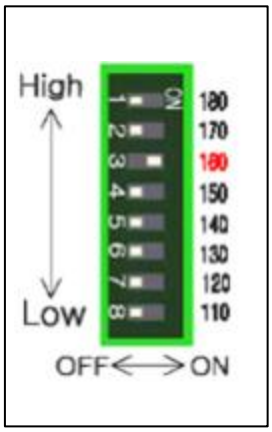


5 Temperature Control

Set the **DIP Switches** to ensure optimal temperature for the band's material and other conditions.

Open the front plate and turn ON the corresponding DIP switch based on the desired temperature.

※ When setting the temperature, only one DIP Switch should be turned ON at a time.

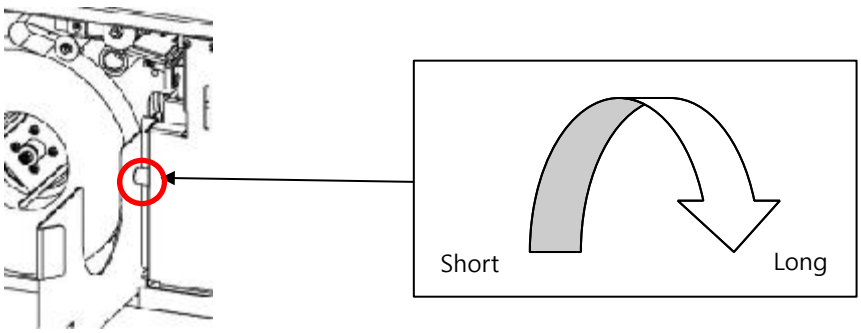


Example

Turn on the switch no. 3 to set the temperature to 160°C.

6 Band Length Adjustment

Use **Length Controller** to adjust band length

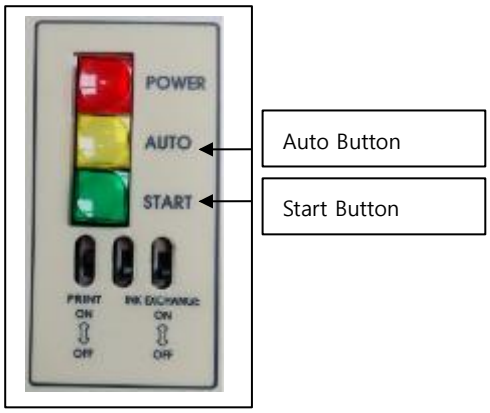


7 Banding and Printing

[Preparation]

1. Connect the power cable to the power inlet
2. Turn on the **power switch.**
3. Feed the band into the unit as described above.
4. Move the **toggle switch** down to enter banding mode.
5. When **power (red) button** blinks and the start (green) button turns on simultaneously, press the power button.

Caution: When installing the band, be sure to check the direction of the band roll and confirm that it is properly aligned with the unit.



[Manual Mode]

1. The machine enters Manual Mode after the band is fed.
2. Place the objects to be bundled inside the band loop.
   The **START button** will begin blinking once the automatic sensor detects the objects.
3. Turn on the print switch, then press the START button to begin banding. The printer will descend and print as the band is applied and cut simultaneously.
4. A new band will automatically be set for the next job.
   The same banding and printing steps will repeat automatically.

*To switch from Manual Mode to Auto Mode, press the AUTO button.

[Auto Mode]

1. Press the AUTO button. The button itself will light up, indicating that the machine has entered Auto Mode.
2. Place the objects to be bundled inside the band loop.
3. The machine will automatically perform banding and printing once the objects are detected by the sensor.

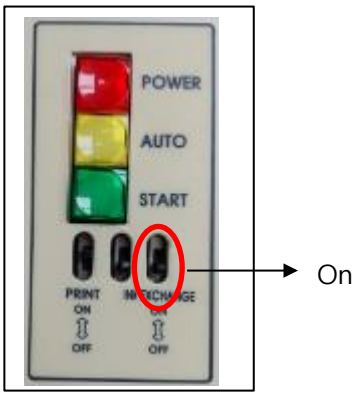
*To return to Manual Mode, press the AUTO button again.

8 Replacing the Ink Cartridge and Battery

[Cartridge exchange]

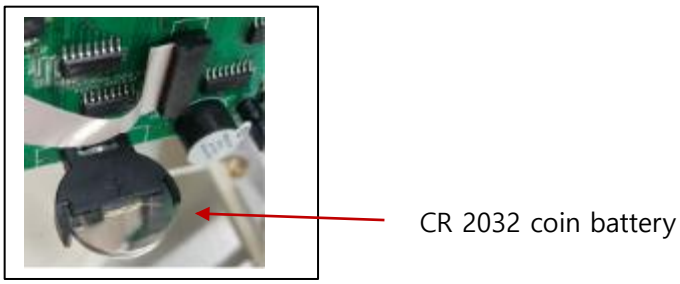
Follow the steps below:

1. Turn on the power and set the **Ink Exchange** switch to **ON**.
   This moves the cartridges to a replaceable position.
   (The right cartridge prints the top line, the left prints the bottom line.)
2. Turn off the power. Remove the desired cartridge by pulling from the upper side.
3. Insert the new cartridge by sliding in the lower side first, then pressing the upper side until it clicks into place.
4. Set the **Ink Exchange** switch to **OFF**.
5. Turn the power back on. The cartridge will return to its original position.



[Battery exchange]

1. Turn off the power.
2. Open the cover on the upper rear side of the machine.
3. Remove the CR2032 coin battery by gently pulling it out.
4. Insert a new battery with the **positive(+) side facing up.**
5. Turn on the power and **reset the time**.



9 Troubleshooting Checklist

If the machine does not operate or operate abnormally, check the following:

1) Make sure the **Power/Reset button** (red) and the **Start/Reverse button** (green) are lit when the power is turned on.

2) If only the **Power/Reset button** (red) is blinking, open the front cover and move the toggle switch to the downward position.
(When the toggle switch is in the upward position, the machine stays in feeding mode and only the red button blinks.)

3) If the **Start button** (green) is blinking even though no object is placed, the sensor may be misaligned. Adjust the cover so the object is properly detected by the sensor.

4) If the band does not stick, re-feed the band and check that it is inserted in the correct direction and properly positioned.

5) If the band is not cut, the cutter may have reached the end of its service life. Contact your local dealer for service.

6) If printing fails, replace the ink cartridge.

***If you need to open the machine lid while in banding mode, switch the machine to **Manual mode** first.

10 Technical Specifications

Speed	18 cycles/minute
Maximum Dimensions of the Bundle	135 (w) x 100(H) mm
Power Supply	AC 110,220V, 50/60Hz 1.6A
Power Consumption	150W
Heater	Plate type
Band Width	Paper 30mm, 40mm
Product Dimensions	410 (W) × 320 (D) × 500 (H) mm
Weight	24kg

WARRANTY

BINDTEC Co., Ltd., warrants that it will repair and replace parts under the following terms if any defects in the material or workmanship of the binder occur within 12 months from the day of purchase by the user.

A purchase receipt or other evidence for the date of purchase must be shown to receive warranty services.

Warranty terms

This warranty is valid only while and if the product is used and handled in a normal and reasonable manner following the User Manual and installation instructions.

Paid services

*Please read the User Manual carefully, as you will be charged for any services requested except for product malfunctions guaranteed under the warranty.

*The product is not covered by warranty if damages or defects have occurred because of:

- Customer misuse or unauthorized tampering or repairs;
- Use of parts other than those designated by **BINDTEC Co., Ltd.**; or
- Natural disaster or the expiration of the normal service lives of any expendable parts.

Model		Applicable Bands	
Date of Purchase		Serial No.	
Purchased At			

BINDTEC CO.,LTD.

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