

# YL-300PB

## Ink jet printing & banding machine

User manual



**BIND**Tec



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## **Product warranty**

# 1

## For your safety



### For your safety

Please carefully read this user manual before operating the machine.



### Maintenance requirements

1. Make sure AC 220V power is supplied. The voltage fluctuation must be kept at a minimum.
2. High temperature, high humidity or any other environmental conditions may render the unit not operational due to the tape being jammed around the roller or otherwise.
3. Please clean the unit once every week. It is particularly important to keep the roller and sensor clean.
4. The warranty is void if the unit is tampered with or disassembled by anyone other than the designated service personnel.
5. Touching the heater when the unit is operational or within 10 minutes of the shutdown of the machine may cause a burn injury.
6. Make sure the power is off after using the unit.

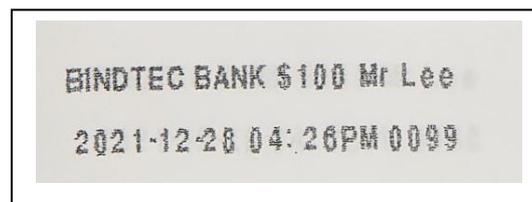
## 2

## Product Introduction and package details

### Ink Jet Printing& Banding Machine(YL-300PB)

#### \*Multi System

- Bank notes are banded and printed at the same time.
- Contents to be printed are typed in using WIFI from the administrator's smart phone.
- Various information including bank name, i.e., Bank name, branch name, operator, year, month, day, hour, minute, current count, and etc. can be typed in.
- Ink jet printing method used.
- It can print either 1 line or 2 lines of information on a paper band.
- The administrator can set a password.



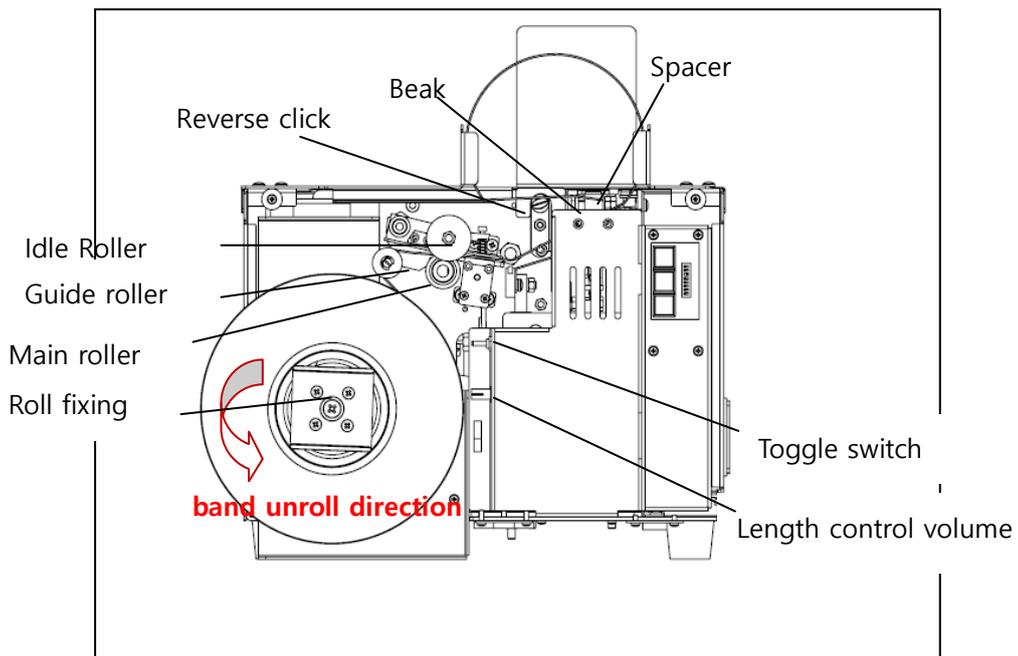
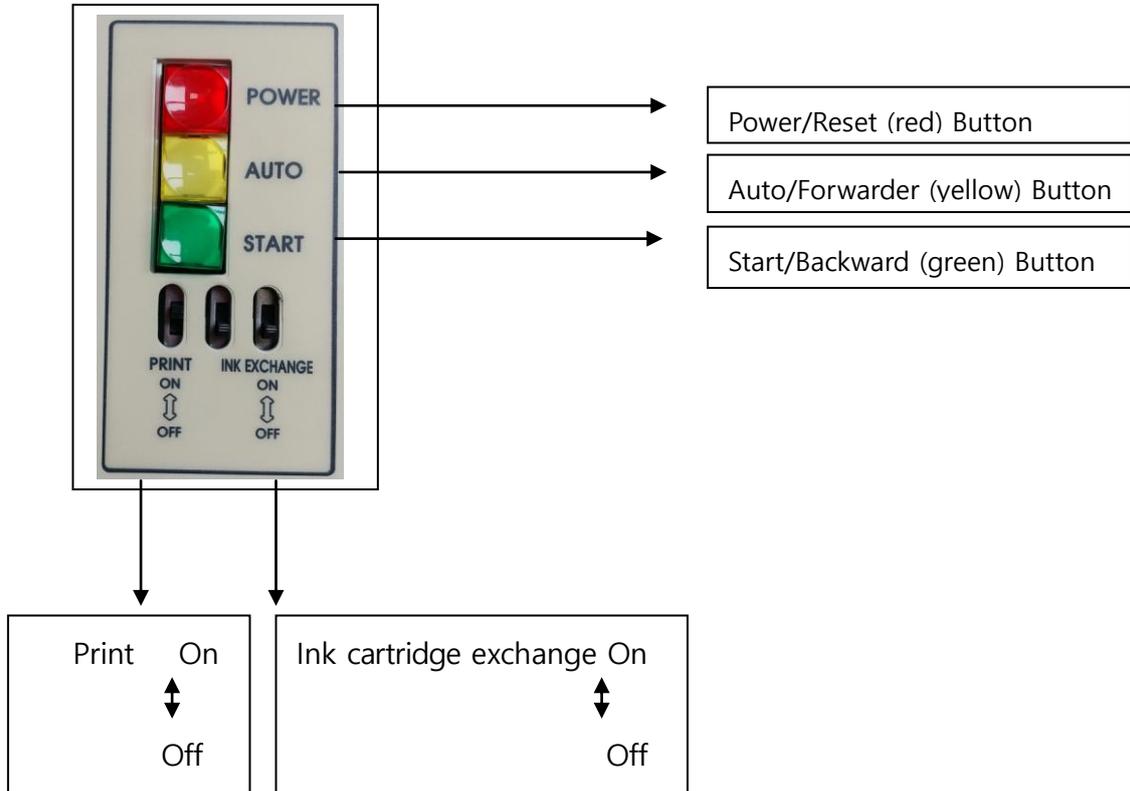
### Package details

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

# 3

## Part name and how to set the printing

### [ Banding part ]



## [ Print Part ]

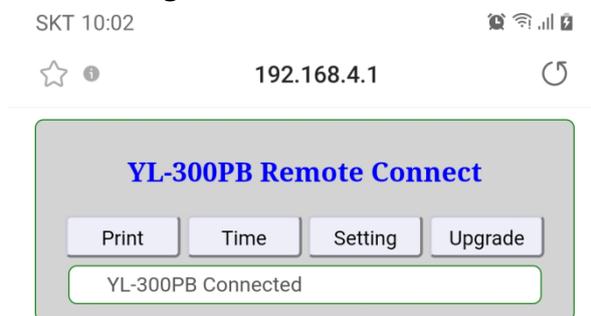
Please enter the desired information according to the method below.

### ◆ Connecting to smart device

1. In the smart device settings, select Bindtec YL-300PB-xxxxxx and when the password window appears, enter 12345678 to connect.



2. Open the Internet (Chrome, etc.) and enter 192.168.4.1 in the address bar to display the following screen.



## ◆ Setting for printing

When you press the Print button, the following screen appears.

The image displays two side-by-side screenshots of the 'YL-300PB Remote Connect' web interface. The left screenshot shows the initial state where all selection options are unselected and input fields are empty. The right screenshot shows the interface after the 'Print' button has been pressed, with red boxes highlighting the selected options and entered text: the 'Print' button, the 'yyyy-mm-dd' date format, the 'hh:mm' time format, 'Bindtec' in User Input1, 'Kim' in User Input2, 'User Input1' in Line1, and 'User Input2/Date/Time/Count' in Line2.

1. Select the desired Date/Time Format.
2. Write the content to be printed in User Input 1 and 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.

Example) Select 4th Data Format, 3rd Select Time Format, write "Bindtec" in User Input1, write "Kim" in User Input2, select 1st in Line1, select 3rd in Line2, press the Upload button and operate the set It is printed as follows.

==> **Bindtec**

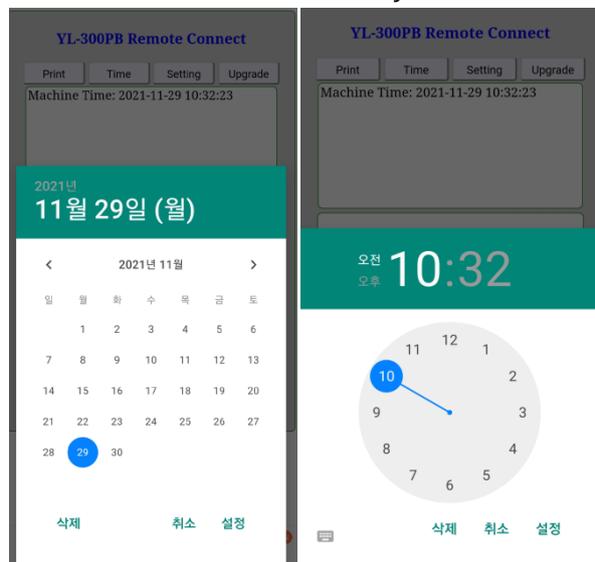
**Kim 2021.11.29 13:49 0001**

◆ Set the printing time

When you press the Time button, the following screen appears.



Time can be saved in two ways



1. If you click the Upload button of Local Time, the time of the smart device is saved as the set time.
2. After selecting the date and time with the User Time selection button, click the Upload button to save the time in the set.

◆ Set the print setting value

Please press the Setting button, the following screen appears.

The image shows two screenshots of the YL-300PB Remote Connect interface. The left screenshot displays the 'Setting' menu with the following options: Print, Time, Setting (highlighted with a red box), and Upgrade. Below these buttons, the 'Current Count : 251' is shown. The '[ Setting ]' section includes a 'Count' field with a 'Reset' button, 'Current Position : 50', a 'Target Position' field with a 'Reset' button, 'Test Pattern:  On  Off', 'Font Type:  1  2  3', an 'Upload' button, and 'Battery Voltage : 2.85'. The right screenshot shows the '< YL-300PB >' password change confirmation screen, featuring a 'Password:' label, an input field, a 'Login' button, and the message 'Password changed successfully !'.

1. Current Count indicates the number of prints. After entering the desired value in the Count Text Box, press the Reset button to reset it to that value.

2. Current Position indicates the starting position of the print. After entering the desired value in the Target Position Text Box, press the Reset button to reset it to that value. As the value increases, the print start position moves to the right.

3. You can select the font size from Font Type. (No. 3 is the largest character).

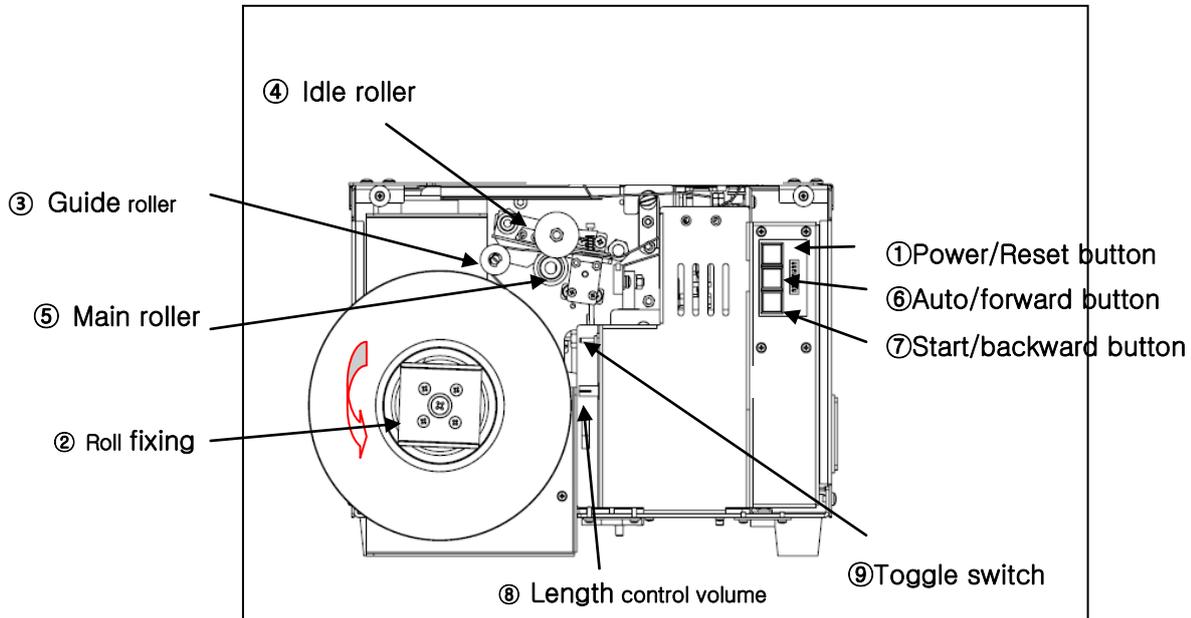
4. You can check the voltage of the coin battery with Battery Voltage. When it goes below 1.8V, the battery needs to be replaced. (If there is no coin battery or the voltage is low, the time data will be lost when the power of the set is turned off).

5. If you save the password after turning on the password, the password input window is displayed. In this case, be careful not to forget the password.

If you forget your password, please contact BINDTEC.

## 4

# Installing and removing of band



1. Open the Front Plate. ⑨ **Toggle Switch** can change the mode from "Feed" to "Start." The machine is in Inserting Band Mode if the switch is raised, and the lamp of the ① **Power Button** will start blinking. Then, put the band in the ② **Band Holder**, and make sure that the band unrolls in the right direction

2. Hold the ends of the band, and push them through the ③ **Guide Roller** and then between the ④ **Idle Roller** and the ⑤ **Main Roller**. Next, press the ⑥ **Auto Button**. The rollers will then turn to move the band forward. At this point, allow the band to roll in automatically as shown in the diagram.

3. Press the ⑦ **Start Button** if too much of the band is rolled in or a jam occurs around the rollers. The roller will then turn the other way to allow for the removal of the band.

4. Adjust the band using the ⑧ **Feeding Controller** to change the length to be fed to the unit.

5. Push down ⑨ **toggle switch**. It will convert to banding mode and the heater be heated. ⑦ **Start Button** will light up if the current temperature is far below the set value. On the other hand, ⑥ **Auto Button** will light up if the temperature is only a little below the set value.

A blinking ① **Power Button** indicates that the current temperature has reached its set value. Moreover, pushing the ① **Power Button** will cut off any leftover band, and a new band should be placed in the machine (please hold the ends of the band during automatic cutting).

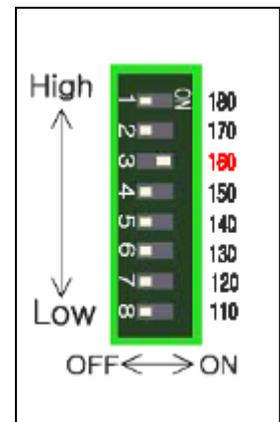
5. If the machine fails to insert the band or refit the band, press the ① **Power Button** hold it for 2 seconds, the band will be cut off and the machine will strap again.

## 5 How to control temperature

Set the **Dip Switches** to ensure optimal temperature for the band's material and other conditions. As such, open the Front Plate to set the corresponding **Dip Switch** depending on your desired temperature.

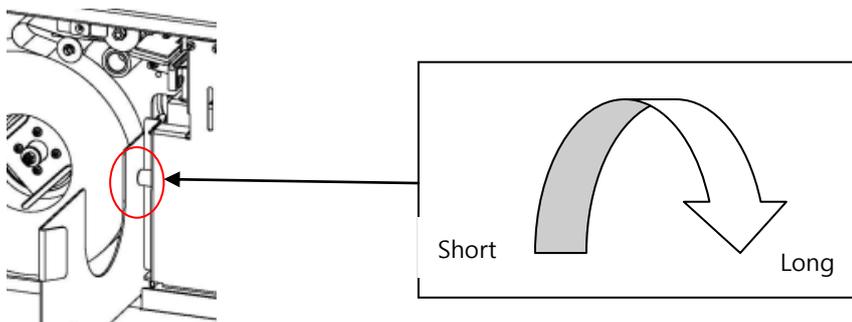
● Example

Press switch no. 3 to set the temperature to 160°C.



## 6 How to control length

Use **Length Controller** to adjust band length



# 7

## How to band and print at the same time

### [Preparation]

1. Connect the power cable to the power inlet
2. Turn the **power switch** ON.
3. Feed the band to the unit as explained above.
4. Move the **toggle switch** down to switch to banding mode.
5. When **power (red) button** blinks and the start (green) button turns on at the same time, push the power button.

**caution!** When installing the band, be sure to check the direction of the band roll and check that the band is exactly installed to the body.

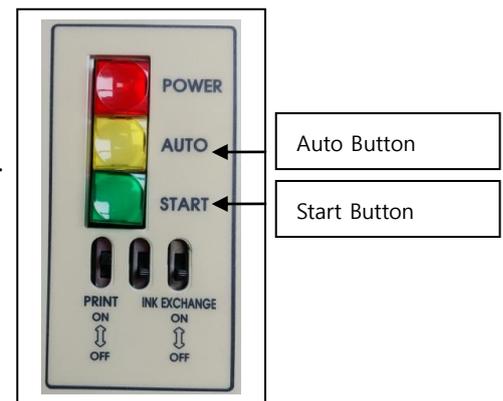
### [Manual Mode]

1. The unit will be in Manual Mode after feeding the band.
2. Put the objects to be bundled inside the band ring  
(**START button** will start blinking once the Automatic sensor detects the objects).
3. Turn on the print switch and press the start button to band, while the printer descends and prints, the band will be cut at the same time.

After banding and printing, the band necessary for the next job are installed again.

The banding and the printing operation continue continuously with this principle.

\* To switch from manual mode to automatic mode, press the Auto button.



### [Auto Mode]

1. Press the AUTO button. The AUTO button will then light up, and the unit will switch to Automatic Mode.
  2. Put the objects to be bundled inside the band ring.
  3. The objects will be bundled & printing automatically once detected by the sensor.
- \* In automatic mode, it is automatically banded without pressing the start button, and if you want to switch manually, just press the automatic button.

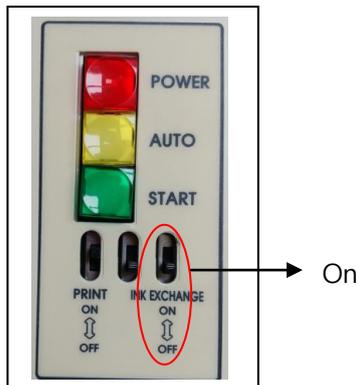
# 8

## How to change ink cartridge and battery

### [Cartridge exchange]

Proceed in the order below.

1. After power on the and move the ink exchange switch upwards(On) to move the cartridge to a good position for replacing the cartridge. (The cartridge on the right prints the top row, and the left one prints the bottom row.)
2. Turn off the power and remove the cartridge to be replaced by pulling the upper side.
3. Install the new cartridge by sliding it on the lower side first, then pushing the upper side until it "ticks" and turn the ink exchange switch off.
4. When the power is turned on again, the cartridge will return to its original position.



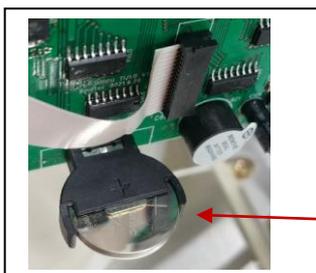
### [Battery exchange]

\* Turn off the power and open the door at the top of the back of the product, then pull out the CR2032 coin battery to remove it.

\* Install a new battery into the battery socket.

**Caution!** Be sure to install the battery with the positive (+) side facing up.

\* Turn on the power and reset the time.



CR 2032 coin battery

# 9

## Checking before troubleshooting

**If the machine does not operate or does not operate smoothly, check the following.**

1) Check if the power/reset button (red) and start/reverse button (green) are turned on when the power is turned on.

2) If only the power/reset button (red) is on and blinking, open the front case and move the toggle switch to the bottom. (If the toggle switch is on the top, only the red button blinks as feeding mode)

3) If the start button (green) is blinking even though no object is placed, it means that the position of the sensor is not correct. So match the case so that it sits well in the sensor position.

4) If the band does not stick, re-feed and check whether the band is inserted in the correct direction or is properly installed in the position where the band is passed.

5) If the band is not cut, the cutter has reached the end of its life, so apply for A/S.

6) If printing does not work, replace the ink cartridge.

**\*If you need to open the lid of the machine in banding mode, you must adjust the button to manual mode.**

## 10 Product specifications

|                    |                                |
|--------------------|--------------------------------|
| Speed              | 18 cycles/minute               |
| Banding Size       | 135 (w) x 100(H) mm            |
| Power Supply       | AC 110,220V /50,60Hz 1.6A      |
| Power Consumption  | 150W                           |
| Heater             | Plate type                     |
| Band Width         | paper 30,40mm                  |
| 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
- An act of God or the expiration of the normal service lives of any expendable parts.

|                  |  |                  |  |
|------------------|--|------------------|--|
| Model            |  | Applicable Bands |  |
| Date of Purchase |  | Serial No.       |  |
| Purchased At     |  |                  |  |







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