

YL-420PM(L)

USER MANUAL

BINDTec

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Safety features overview and precaution



For your safety

Please read this user manual carefully before operating the banding machine.



Maintenance requirements

1. Make sure that the power is supplied. Voltage fluctuation must be kept at a minimum.
2. High temperature and humidity or any other environmental conditions may render the unit non-operational as the film may get jammed around the roller and so on.
3. Please clean the unit often. In particular, it is important to keep the sensor part and upper cover clean using dry and soft fabrics.
4. Warranty will be 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 in operation or within 10 min of the machine's shutdown may cause burns and injuries.
6. Ensure that the power is off after using the unit.

*** Don't lift the arch when moving the machine.**

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Product introduction and accessories

Automatic banding machine with film YL-420PM,YL-420PML

- * Able to band 1,000 bills
- * Able to band tightly by pressing the banknotes
- * Consume 20mm width film
- * Only one minute for pre-heating
- * No odor, no harmful gas while operating
- * Able to band banknotes(100 bills), vouchers, bankbooks, cards, documents for various banding(Press off)



YL-420PM

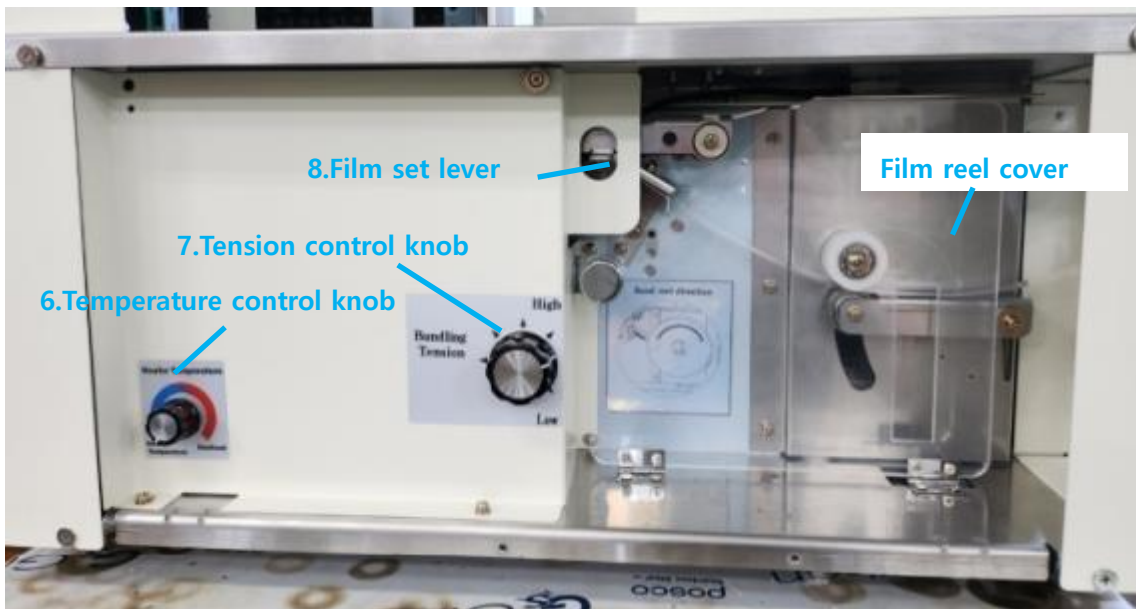
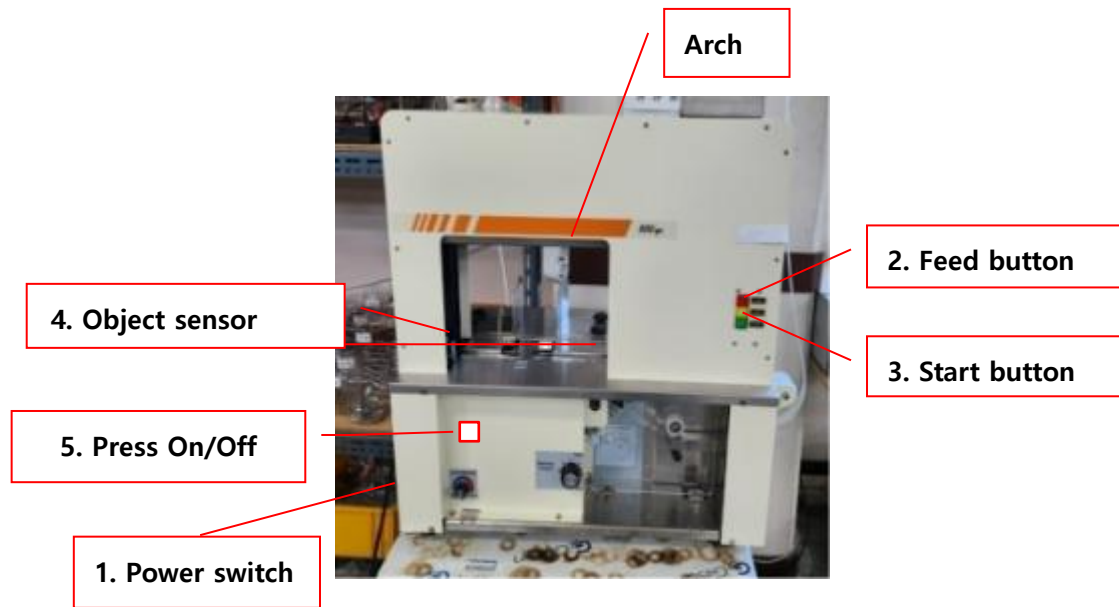
YL-420PML



[Accessories]

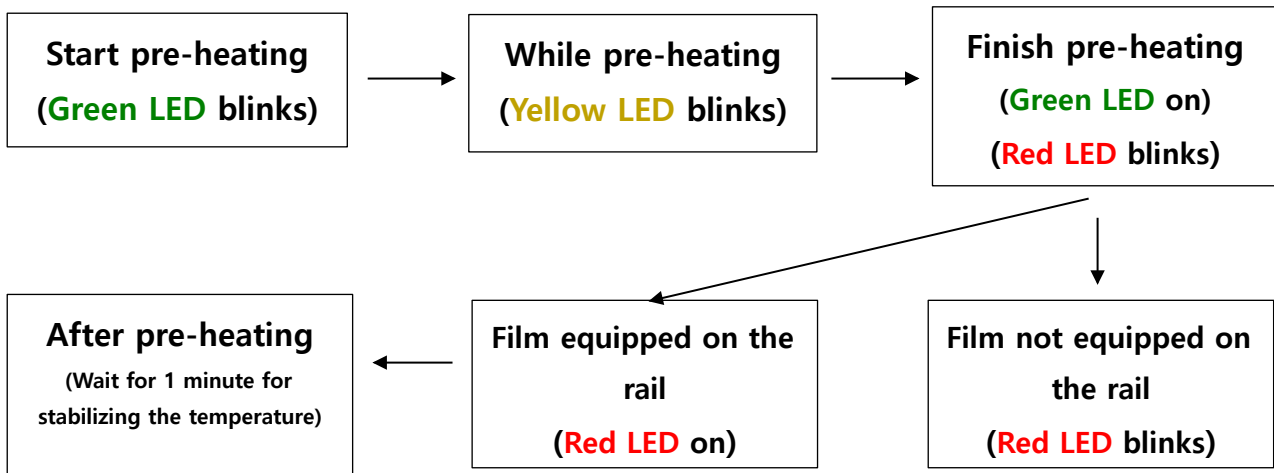
- Manual 1 copy
- Film 1 roll
- Guide 1 set (420PM)
- Power cable 1 pc

3 Part names and functions



Before operating YL-420PM

After turning on the switch of YL-420PM, it does not work until it finishes pre-heating



1. Power switch

Turn the power ON or OFF

2. Feed button(Red LED)

The film is fed to the rail when the red button is pressed

3. Start button(Green LED)

It starts banding object once the button is pressed

4. Object sensor

It detects an object that is put on the machine for banding, and then the Green LED blinks

5. Press On/Off

Able to turn on the press function by turning on the toggle switch

6. Temperature control knob

Able to adjust the heater temperature for the film

The temperature rises by turning the knob to clockwise

7. Tension control knob

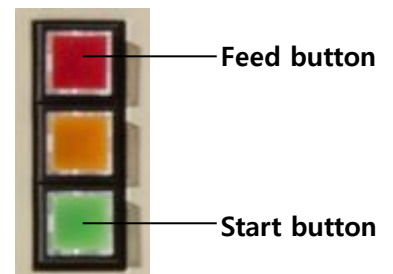
Able to adjust the banding tension

The tension increases by turning the knob to clockwise

8. Film set lever

Uses for feeding the film

Push up the lever, insert the film and press feed button for feeding the film to the rail



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Film installation

4-1) How to feed the film for 420PM

1) Check the condition of the film.

Cut off the end of the new film with scissors if it is roughly cut, wrinkled, or unclean as such poor conditions may cause a jam.

2) Pull the front cover and film reel cover to open them.

3) Set the film so that the reel rotates **clockwise** to feed the film, as shown in the following picture.

Push up the film set lever and insert the film between the rollers.



4) Close the film reel and front covers.

5) Press the feed button(**Red LED**) for feeding the film to the rail.

- Caution** - If the end of the film becomes damaged, it may have been installed incorrectly. Cut off the end using scissors.
- Make sure to close the film reel cover.
 - Pay attention as the adhesive on the start and end of the film roll may cause a jam and damage the machine.

4-2) How to feed the film for 420PML

1) Check the condition of the film.

Cut off the end of the new film with scissors if it is roughly cut, wrinkled, or unclear as such poor conditions may cause a jam.

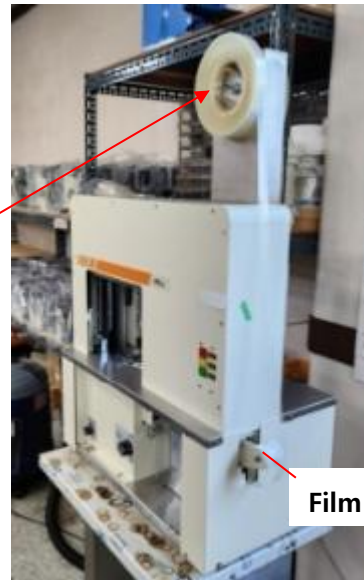
2) Set the film to the roll fixing, located on the top of the machine so that the reel rotates **clockwise** to feed the film.

3) Put the film on the film feed roller first and insert it to the inside of the machine.

4) Open the film reel cover and make a gap between the rollers by pushing down film fix lever. Then, insert the film through the gap. Finally, release the lever for fixing the film.

5) Push up the film set lever and insert the film between the rollers slowly, and release the lever for fixing the film.

6) Close the film feed cover and press the feed button(**Red LED**) to feed the film.



Film set lever



5 How to band products

(Press On : Banding for 1,000 bills / Press Off : Banding for 100 bills)

1) Make sure to check that the film is feeded to the rail.

(If the film is not feeded properly, **Red LED** blinks)

2) Put the product inside of the arch for banding and check if the start button(**Green LED**)blinks.

3) Press the start button(**Green LED**) for banding products.

4) Take out the products after banding it.

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Checking before troubleshooting

Check the following if the machine is not able to operate or the operation is not done smoothly :

1) If the start button(**Green LED**) is OFF:

- *Check if the power cord is unplugged.
- *Check if the power switch is turned OFF.
- Plug the power cord and turn on the power switch.

2) If the Feed button(**Red LED**) blinks:

- *Check if the film is fed.
- *Check if the film is fed properly to the hold plate slide.
- Press the Feed button(**Red LED**) to set the film to its initial position.

3) If the start button(**Green LED**) blinks without products on the sensor:

- *Check if the sensor is unclean.
- Turn off the power switch and then clean the object sensor.

4) If the film is not able to be cut:

- The cutter needs to be replaced.

5) If the film is not welded properly:

- *Check if the heater temperature is too low.
- Rise the heater temperature by turning its control knob clockwise.
- *Check if the film roll is set in the opposite direction.
- Please refer '4. Film installation' to set it correctly.

6) If the welded part of the film makes smoke or odor:

- The temperature is too high. Please lower the heat temperature.

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Extra functions

7-1) Feed button function



Feed button

- 1) Press and hold the **Feed button**(Red LED). This will make the film be cut and the hold plate slide steps back from its original position.
- 2) While the hold plate slide is stepping back, push the **Feed button**(Red LED) once briefly, the slide will be back to its original position(Ready to band).
- 3) While the machine is ready to band, press and hold the **Feed button**(Red LED). This will make the machine operate 1) or if you push the button once briefly, the roller will rotate and feed the film to the rail.

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Specifications

Banding speed	YL-420PM : 7 cycles/minute
Arch size	240(W) × 215(H) mm
Power supply	AC110/220V, 50/60Hz
Power consumption	250W
Tension	7kg~
Film width	20mm
Dimensions	420PM : 560(W) x 300(D) x 625(H)mm
	420PML : 620(W) x 300(D) x 855(H)mm
Weight	YL-420PM : 36kg
	YL-420PML : 36kg + line
	Automated line : According to consignees' request

Product 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 machine 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 films	
Date of Purchase		Serial No.	
Purchased at			



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