

YL-420

USER MANUAL



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Safety Features Overview and precaution



For your safety

Please read this user manual carefully before operating the binder.



Maintenance requirements

1. Make sure the 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 often. It is particularly important to keep the sensor part and upper cover clean with dried and soft fabrics
4. 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.

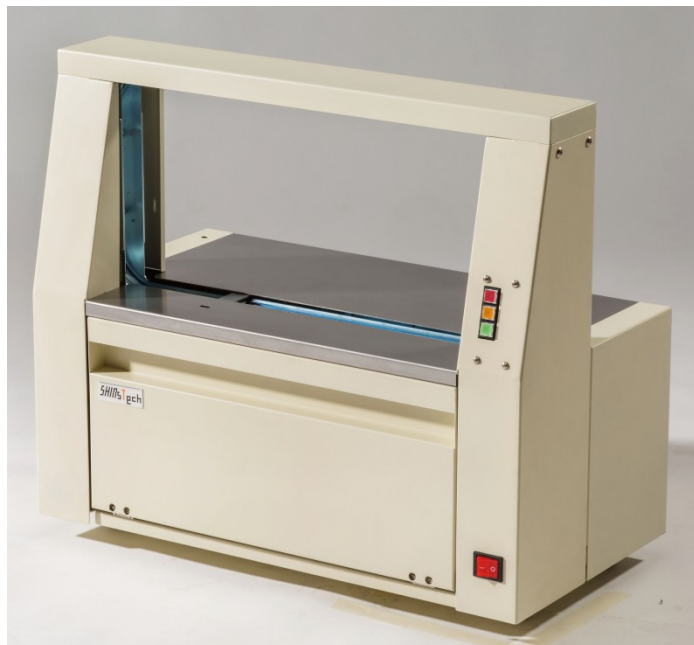
* When you move the machine don't up with **arch**

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Product Introduction and accessory

Automatic binding machine with paper /film (YL-420)

- * The ease of installation and compactness makes for efficient use.
- * Use 30mm paper and film band
- * Binding without heating time
- * Automatic temperature control
- * It perform all packages without odor



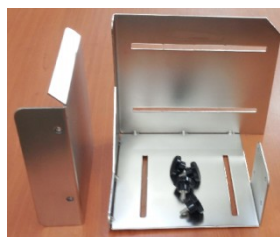
Manual 1pcs



band 1roll



Guide 1set



sheet 3pcs

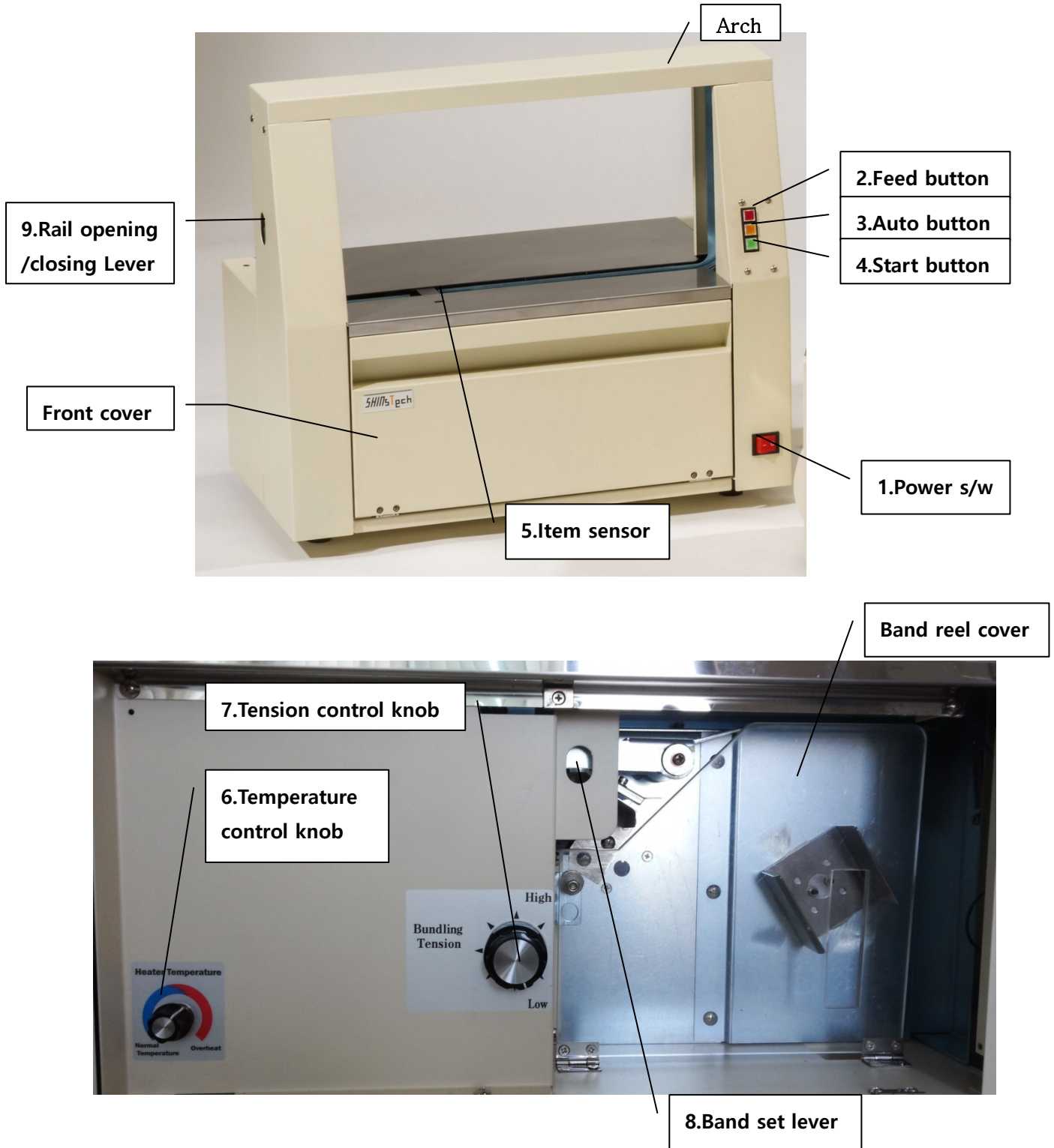


Tool 1pcs



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Part name and function



1) Power Switch

It is the power ON or OFF

2) Feed Button

When the red button is pressed, the band is fed

When the band is normally set, the **RED LED** is light.

But it is not normally set, **RED LED** blink.

3) Auto Button

When the button is pressed **Orange color LED** is light.

It is Auto-start function. Orange color LED is off, it is manual function.

When the sensor detects any items the machine works at auto-start function.

4) Start Button

This button is used to start binding. When the power s/w is ON, **Green LED** is light

5) Item Sensor (For checking if any item exists)

It works when the item to be bound is on the machine and then, **Green LED** blink.

6) Temperature control knob

This control knob is used to adjust the heater temperature

When the control knob is turned clockwise,

the heater temperature is raised.



7) Tension control knob

This control knob is used to adjust the band

binding tension. When the control knob is turned

clockwise, the binding tension is increased.



8) Band set lever

This lever is used to set a band. Up the lever and then feed the band.

9) Rail opening/closing lever

This lever is used to manually open or close the guide. When the guide is jammed with a band, push the lever down to open the guide and remove the band.

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Band Installation

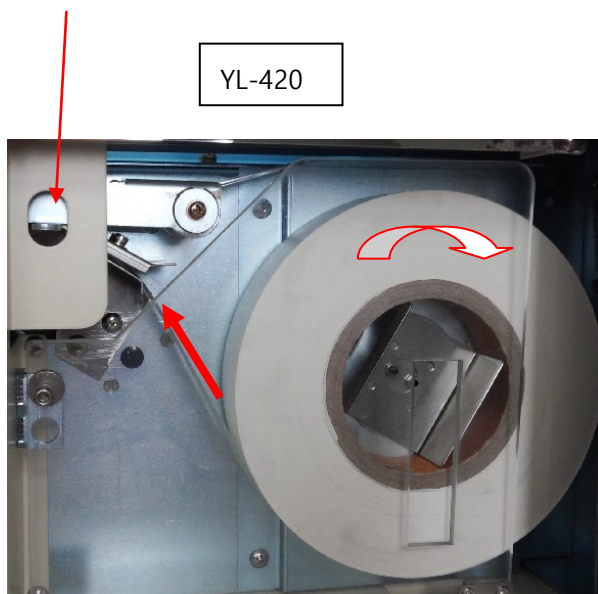
1) Confirm the band condition

Peel off the end of a new band and cut off up to its pasted with scissors.

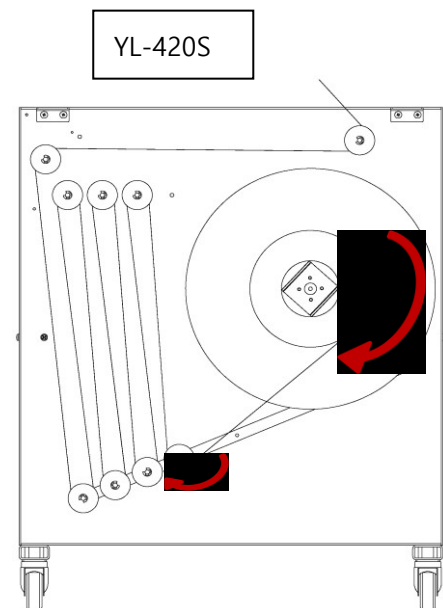
2) Open the front cover and band reel cover

3) Set the band to be clockwise direction as below photo.

Up the band set lever and then insert the band between the rollers.



YL-420



YL-420S

4) Close the band reel cover and front cover

5) Turn on the power s/w and then press the feed button.

When the band has been set, the **Feed button LED** is light

caution

-If the end of band is broken, setting the band may fail. Cut off the end if the band completely.

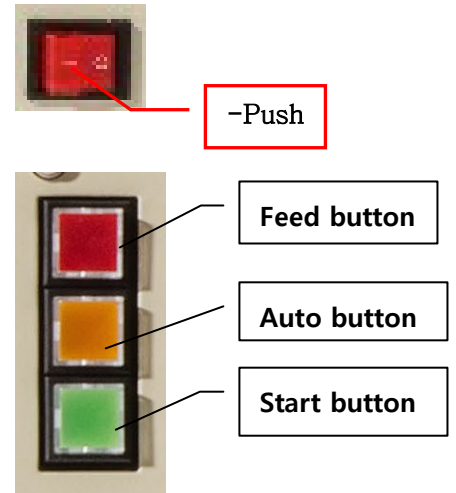
-Be sure to close the band reel cover.

-Be careful about the adhesive band attached to be beginning and end of band winding. If the guide is jammed with the adhesive band, the machine may be damaged.

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Operation

- 1) Turn on the power s/w.
- 2) Check **feed button LED** and **start button LED** are light
- 3) **Auto Mode** : Press the **Auto button**.
Orange color LED is light, put the item on the machine then the machine operates binding automatically.
- 4) **Manual Mode**: Make **Orange color LED** is not light
Put the item on the machine, press **Start button**



- 5) After the binding, take out the item

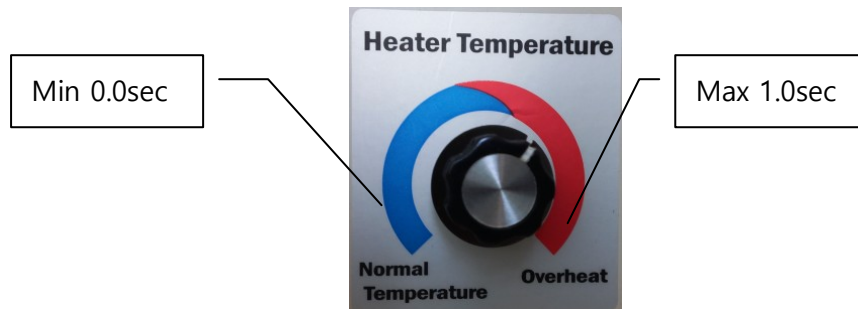
caution

- Be careful it may happen some trouble in Auto mode so if doesn't use the machine, turn off the Auto button or the power S/W
- When the binding the item have to put on the sensor position..
- If the item have to bind cannot put on the sensor position or the sensor cannot detect the item, please refer 5-2) special binding

5-1) How to changed stand-by time prior to binding

You can adjust the time if you want to extend or shorten for the time from detecting item to starting binding.

(Factory-set time is 0.5sec)



Turn off the power s/w → Press the feed button → Turn on the power s/w → The buzzer sounds 2times → Feed button OFF → Control the heater temperature volume → Turn off the power s /w → This completes the setting of stand-by time.

Return the heater temperature volume to its original position

Turn on the power s/w → Set the original temperature

caution The stand-by time function works only when the Auto Mode

5-2) Special binding

Special binding is used for an item that cannot block the sensor or an item that sensor cannot detect. (Example: Black item or transparent item)

Turn off the power s/w → Press the start button → Turn on the power s/w → Buzzer sounds 1time → Start button OFF → This completes the setting for special binding

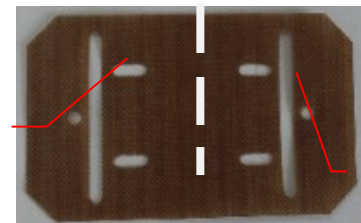
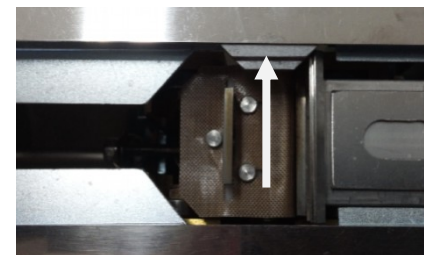
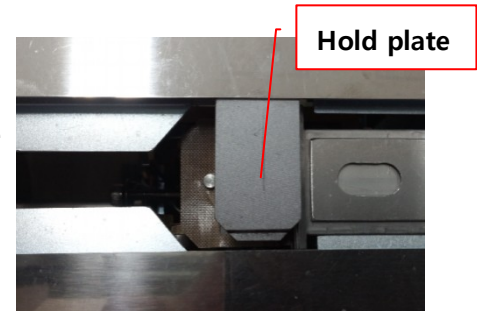
Turn off the power s/w and then turn on the power s/w after 2~3 sec it is normal binding position.

caution When using this function, only at Manual mode

6

How to replace the sheet

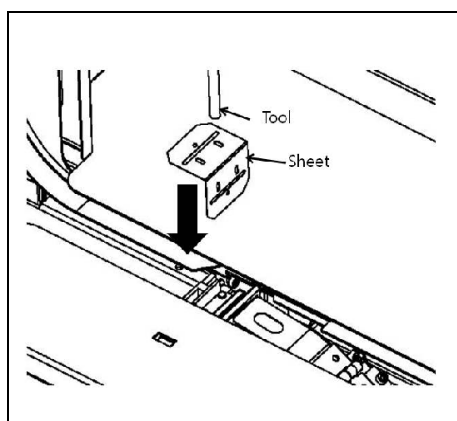
- 1) Take out the setting band.
- 2) Turn off the power s/w → press the Feed button and Auto button with turn on the power s/w → Check if the Feed LED and Auto LED are blink → Release the Feed button and Auto button
- 3) Operate the machine by repeatedly pressing the Feed button for a short period of time and make the position as the photo.
- 4) Turn off the power s/w
- 5) Push the hold plate to inside so that the heater sheet is visible
- 6) Remove the old heater sheet by tweezers
- 7) As indicated in the photo, the sheet can used twice by using its left portion first and then using its right portion.

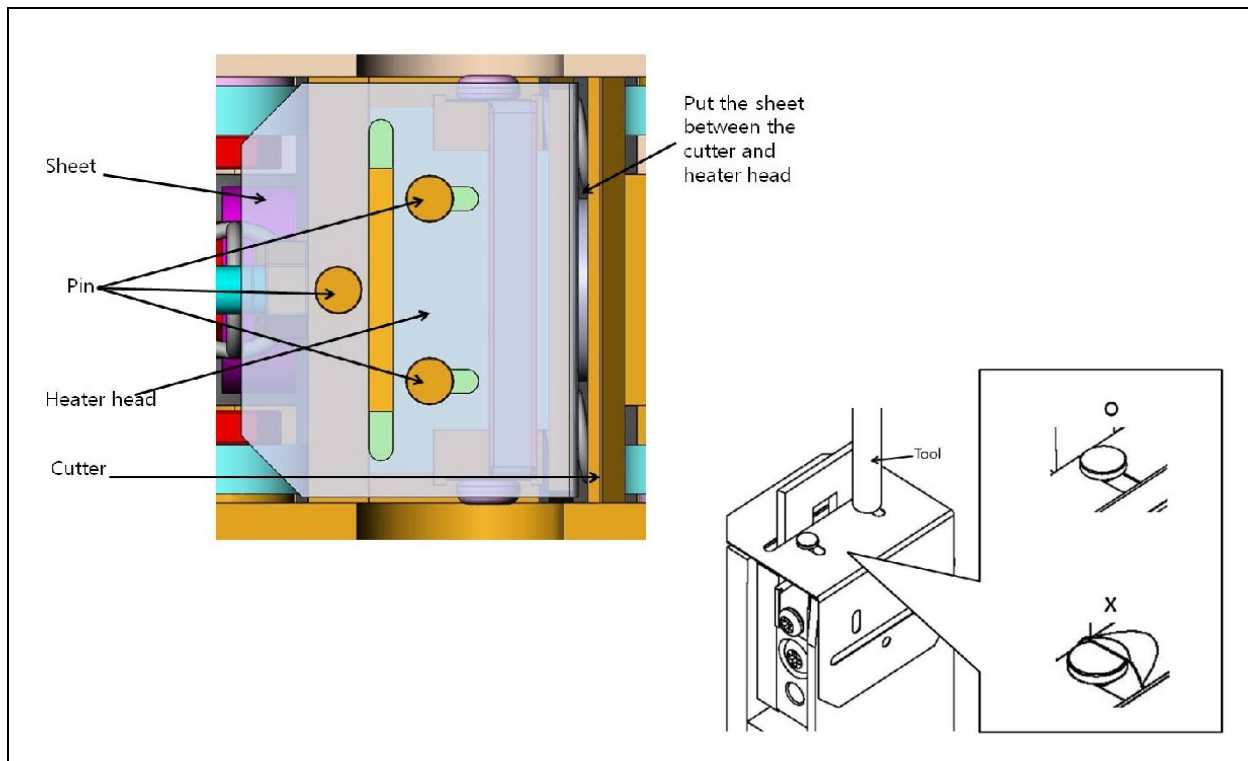


First time

Second time

- 8) Put a new sheet between the cutter and heater head as indicated in the below figure and place the sheet over the heater head. Carefully attach the sheet to the heater by pressing the area around the slots in the sheet using the attached tool, so that the slots fit the three pins on the heater head.





9) Turn on the power s/w.

10) Press the start button. The machine starts operation, returning to the initial position.

6-1 Life of the heater sheet

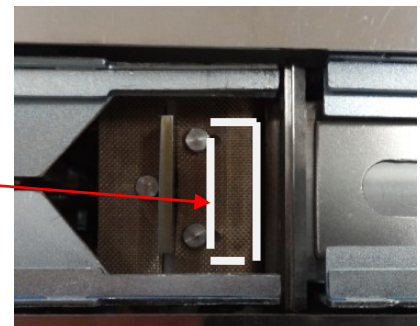
Confirm the condition of sheet before starting binding operation. If the color of sheet has changed to black, this means the life of the sheet has expired.

If binding operation is continued without replace the old sheet with a new one, the sheet may be torn, making the surface of deposited portion opaque when film band is used, causing band jams or shortening the life of the heater.

6-2 How to confirm the condition of sheet

If the color of the heater section has changed to black as indicated in the right figure, replace the heater sheet with a new one.

How to attach the sheet sheet,
refer the contents'6 How to replace the sheet".



7

How to remove the failed band

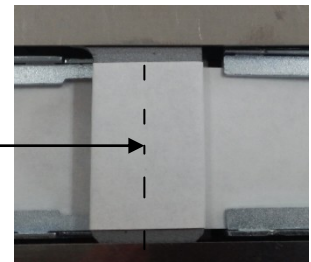
When the guide is jammed with a band

- 1) Turn off the power s/w..
- 2) Push down the rail opening/closing lever then remove the band from rail.
- 3) If the end of band is folded or broken, cuff off the end of band with scissors.
- 4) Turn left the band roll.
- 5) Set the band follow '4.band installation'



When the band is wound on the hold plate

- 1) Turn off the power s/w
- 2) Cut off the upper part of the band on the hold plate as shown in the figure
- 3) Pull out the remaining part of band as shown in the figure
- 4) Turn on the power S/W
- 5) If the band cannot be set in the rail clearly, press the feed button.



*** If Feed button LED is blinking it is not setting the band so try to do as below .**

-When press the Feed button again the feed is well

Bind 2~3 times then the band condition will be normal and The machine is working well.

-When press the Feed button again, LED is blinking

Cuff the end of band and the try to set the band.



Feed button

Caution

When turn on the power s/w, don't put fingers between the hold plate and rail
Be careful at Auto mode.

8

Checking before troubleshooting

Follow as below if there is operation trouble or machine cannot operate

1) If the **Start button LED is OFF**

*Check the power plug is connected.

*Check the power s/w is turn on

→Insert the power plug and turn on the power s/w..

2) If the **Feed button LED is blinking**

*Check the band is supplied.

*Check the band is supplied to hold plate

→Press the **Feed button** and set the band to initial position..

3) Even though put the item on the sensor position in the Auto mode, do not work to bind.

*Check binding method is special binding or normal binding

→ Turn off the power s/w and then turn on.

4) The **Start button LED is blinking or bind automatically without item**

*Check the sensor is dust

→ Turn off the power s/w and then clean the sensor..

5) The band cannot be cut

→The cutter life is expired so ask to A/S

6) Deposition is weak

*Check the heater temperature is too low

→Adjust the heater temperature with heater temperature control knob

*Check the band roll direction as clockwise.

→Set the band "4.Band installation"

7) Even though control the temperature to high deposition is weak

*Check the heater sheet.

→ Replace the heater sheet is expired. (Ask to A/S).

8) The deposited portion is scorched or fumes are generated at deposition.

*Check the heater temperature. →The heater temperature is too high so adjust the temperature by control knob

9

Specifications

Speed	420(30) : 26cycles/minute
	420(50) : 24cycles/minute
Binding size	Min: 30(w) x 10(H) mm
	Max: 400(W) × 200(H) mm
Power Supply	AC110/220V, 50/60Hz,
Power consumption	250W
Tension	0.5kgf~4kgf
Band Width	420(30) : paper 29mm/film 30mm
	420(50) : paper/film 50mm
Product size	560(W) x 300(D) x 490(H)cm
Weight	420(30) : 35kg
	420(50) : 39kg

Product Warranty

BINDTEC Co., Ltd warrants that it will repair and replace parts in accordance with the following terms if any defects in the material or workmanship of the binder occurs within 12 months from the day on which the user purchases it.

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

Warranty terms

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

Paid services

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

* The product is not covered under warranty if damage or defects have occurred due to:

- Customer misuse or unauthorized tampering or repairs;
 - The replacement of parts other than those designated by **BINDTEC Co., Ltd**
- or
- An act of God or the normal service life of any expendable parts being expired.

Model		Applicable bands	
Date of purchase		Serial NO.	
Purchased at			



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