

# YL-100DBS (II)/DB

User Manual



**BIND**Tec

Thank you for purchasing our auto-drilling and binding machine.  
Read this manual to learn how to operate the machine correctly.

## Contents

1. Part Names and Operation Panel
  2. Operation Procedure
  3. Bind (Auto: Drill + Bind)
  4. Drill (Auto: Drill)
  5. Pin Refill
  6. Drill Change
  7. Troubleshooting
  8. Cautions
  9. Consumables
  10. Specifications
- Warranty



### Caution

1. Make sure that the alternating current (AC) rated voltage indicated on the side of the machine is suitable for the input voltage before connecting the AC power cord to the machine (220/230 V , 50/60 Hz).
2. Do not keep the machine in a humid place to prevent the risk of fire or electric shock.

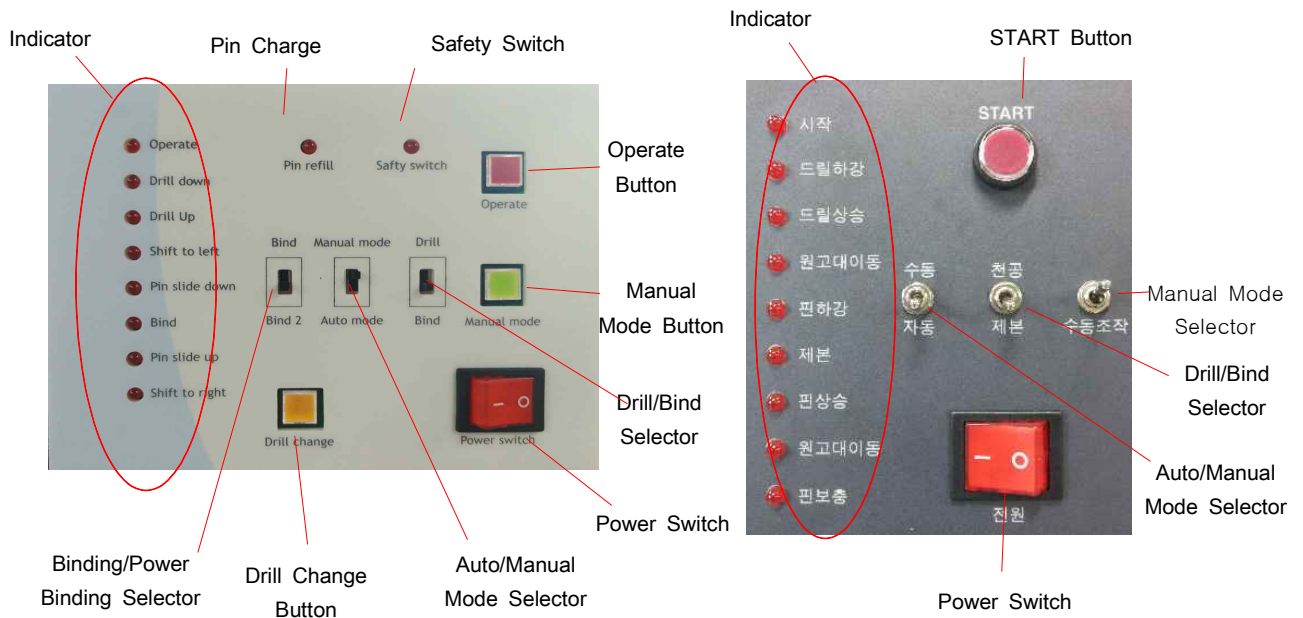
# 1 Part Names and Operation Panel



## [Operation Panel]

YL-100DBS (II)

YL-100DB



## 2 Operation Procedure

1) Connect the power plug.

**\*Caution**

- Check the power voltage.
- Check if the location is safe without any surrounding water.

2) Turn ON the power switch.

- When installed, the 'Pin Charge' will light up with an alarm if the pin is not charged. Refer to [5. Pin Refill](#) for instructions on how to refill the pin.

3) Set the 'Auto/Manual Mode Selector' to **Auto Mode**.

4) Select drill or drill + bind using the 'Drill/Bind Selector'.

- For drill + binding, refer to [3. Bind](#).
- For drill only, refer to [4. Drill](#).

**\*Caution**

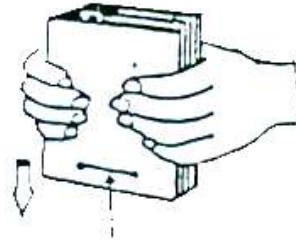
- Do not put your hand inside the machine or remove the sheets while the drill is moving up/down.
- Hold the sheets with your hand until they are held by the Feeder Hold Plate.
- Keep the surrounding area clean to prevent any interference when moving the feeder left/right.

### 3 Bind (Auto: Drill + Bind)

- 1) Select **Auto** Mode using the 'Auto/Manual Mode Selector' and **Bind** under the 'Drill/Bind Selector'.

(Fig. 1)

- 2) Organize the sheets to be bound (refer to Fig. 1), and hold the sheets temporarily with a paper band if there are many.



Drill/Bind Position

- 3) Position the organized sheets correctly in the feeder (refer to Fig. 2).

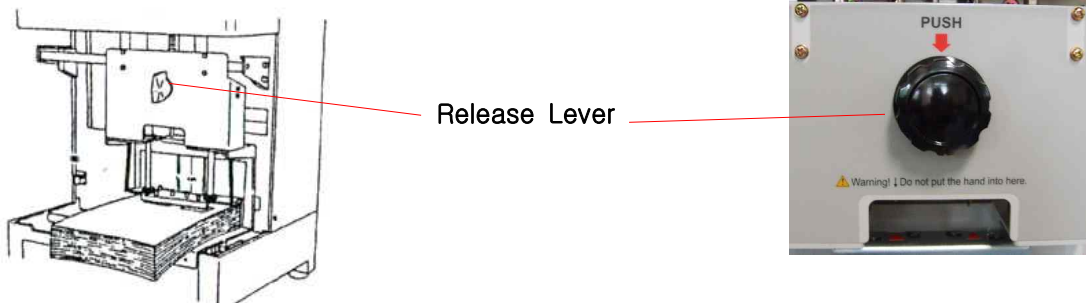


The 'Safety Switch' will light up once the sheets are positioned correctly against the back wall [YL-100DBS (II)].

(Fig. 2)

- 4) YL-100DBS (II): Press the "Operate" button when the 'Safety Switch' is on.  
YL-100DB: Press the "START" button.

- 5) Push down the 'Release Lever' to release the Feeder Hold Plate, and then remove the sheets once the process is complete and the feeder returns to its original position (refer to Fig. 3).



(Fig. 3)

## 4 Drill (Auto: Drill)

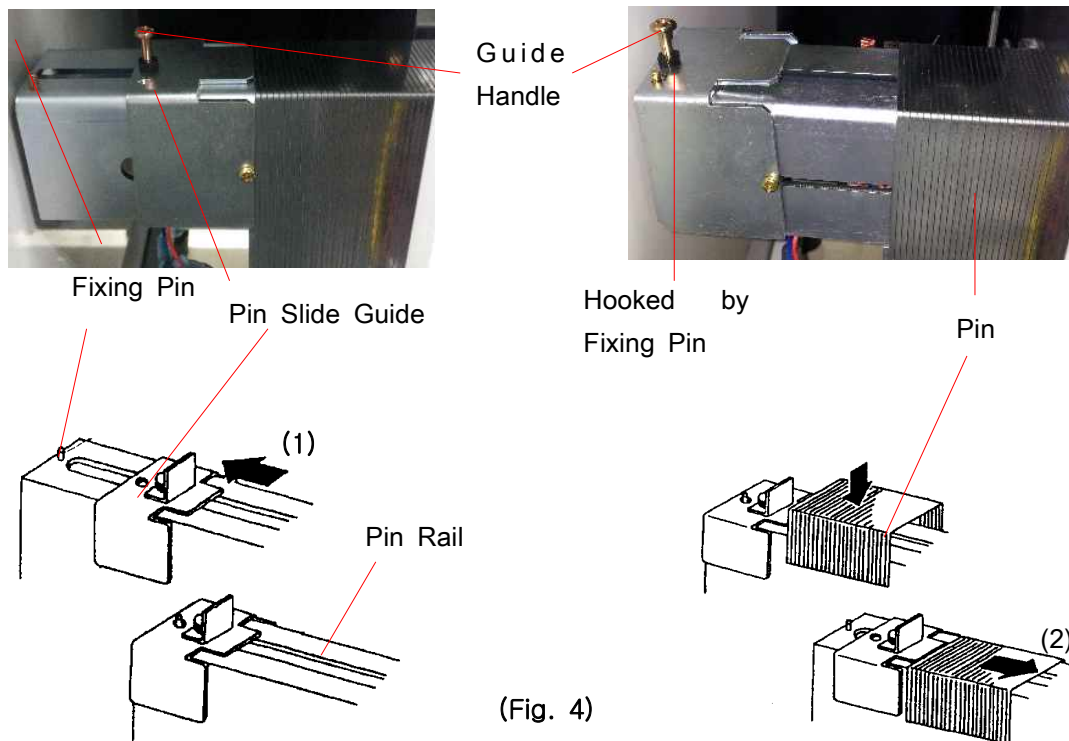
- 1) Select **Auto** Mode using the 'Auto/Manual Mode Selector'.
- 2) Select **Drill** using the 'Drill/Bind Selector'.
- 3) Position the organized sheets correctly on the feeder (refer to Fig. 2).
- 4) YL-100DBS (II): Press the "Operate" button when the 'Safety Switch' is on.  
YL-100DB: Press the 'START' button.
  - The feeder will not move left or right if only drilling is performed.
  - Once drilling is complete, the Operation Panel Indicator will return to **Operate**.
- 5) Push down the 'Release Lever' to release the Feeder Hold Plate, and then remove the sheets (refer to Fig. 3).

## 5 Pin Refill

Insert a new pin when the 'Pin Refill' is on.

(The machine will stop once the 'Pin Refill' is turned on.)

- 1) Open the 'Pin Refill Cover' next to the Rear Cover  
(refer to [Contents1](#) figure).



- 2) Hook the handle of the Pin Slide Guide to the Fixing Pin by pulling it in the direction of arrow(1) and then pulling it up slightly.
- 3) Position a new pin onto the Pin Rail.
- 4) Lift the Pin Slide Guide slightly, and then push the pin in the direction of arrow(2) so that the pin is pushed forward and set in place.

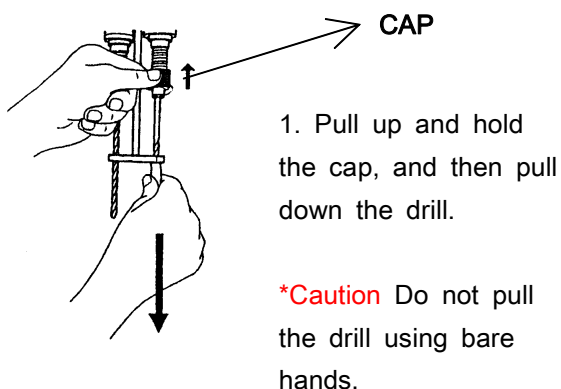
**\*Caution** Remember that the machine may not operate smoothly if you place a new pin while one or two pins remain inside.

## 6 Drill Change

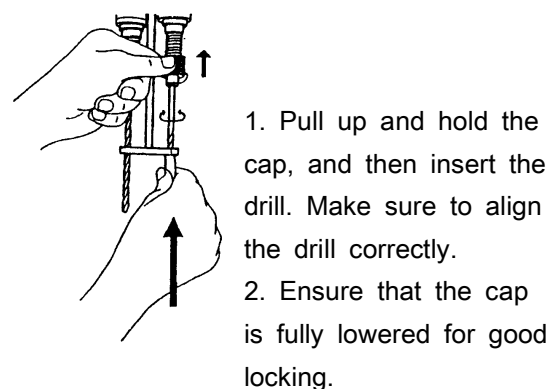
Replace the drill if it is broken, worn out, or has a burnt smell while drilling so that the sheets would not be drilled (refer to Fig. 5).

YL-100DBS (II)	YL-100DB
<ol style="list-style-type: none"> <li>1. Press the “Drill Change” button at the bottom of the Operation Panel. -&gt; The feeder will move left, and the drill will move down at about half.</li> <li>2. Replace the drill (refer to Fig. 5).</li> <li>3 .Press the “Drill Change” button again. -&gt; The drill will move up, and the feeder will return to the right.</li> </ol>	<ol style="list-style-type: none"> <li>1. Select <b>Manual Mode</b> using the 'Auto/Manual Mode Selector'.</li> <li>2. Set the indicator to <b>Shift to left</b> with the 'Manual Mode Selector', and then press the 'START' button to move the feeder.</li> <li>3. Set the indicator to <b>Drill down</b> with the 'Manual Mode Selector', and then press the 'START' button to move the drill down at about half.</li> <li>4. Replace the drill (refer to Fig. 5).</li> <li>5. Then, return the feeder following the reverse order (Drill Up &gt; Shift to right).</li> </ol> <p>* <b>Caution</b> Turn OFF the power before replacing the drill for safety.</p>

### How to Remove Drill



### How to Install Drill



(Fig. 5)



## 7 Troubleshooting

※ An indicator will turn on, and the alarm will sound as the machine stops if trouble occurs while the machine is in operation.

1) If the feeder stops while moving left after drilling:

- ① Press the 'Operate' button. -> The buzzer will stop, and the **Operate** indicator will turn on.
- ② Select **Manual Mode** using the 'Auto/Manual Mode Selector'.
- ③ Set the indicator to **Shift to left** using the 'Manual Mode' Button.
- ④ Press the 'Operate' button to move the feeder, and restart the operation.
  - Check for any interference if the feeder does not move after that.

2) If the drill stops while drilling:

- Do not position too many sheets.
  - Check if the correct voltage is used (check the fuse).
  - Check for any interference with the drill.
  - Make sure that the sheets are positioned correctly.
- ① Press the 'Operate' button to stop the buzzer.
  - ② Select Manual Mode using the 'Auto/Manual Mode Selector'.
  - ③ Press the Manual Mode Button to set the indicator to Drill Up.
  - ④ Press the 'Operate' button.
    - Contact a service technician if the drill does not move up after that.

3) If the binding is poor:

- Check if the pin is damaged.
- Check if the feeder is in place.
- Check if pin down mode is working.

- Check if the pin is correctly cut.

Ex. 1) If the operation stops after the pin goes down:

- ① Press the 'Operate' button to stop the buzzer.
  - ② Select **Manual Mode** using the 'Auto/Manual Mode Selector'.
  - ③ Press the 'Manual Mode Button' to set the indicator to 'Pin slide up'.
  - ④ Press the 'Operate' button to move the pin slide guide plate up.
  - ⑤ Check the pin.
- If the pin is bent: Remove the pin, select **Manual Mode** using the 'Auto/Manual Mode Selector', and then perform each operation step-by-step (Pin slide down > Bind > Pin slide up).
- If the pin is inserted correctly: Check if the pin down stop switch is working correctly inside the machine.

Ex. 2) If the operation stops while binding:

- ① Press the 'Operate' button to stop the buzzer.
  - ② Select **Manual Mode** using the 'Auto/Manual Mode Selector'.
  - ③ Press the 'Manual Mode Button' to set the indicator to Bind.
  - ④ Press the 'Operate' button to start binding.
- Check if DC 24 V input voltage is supplied to the binding motor if the binding does not resume after that. The main PCB may be defective if DC 24 V is not supplied.

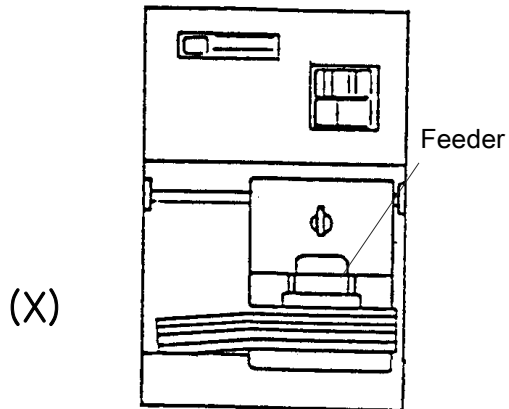
#### 4) If the operation does not start:

The Safety Switch does not light up, but the buzzer rings. As such, make sure that the sheets are positioned correctly.

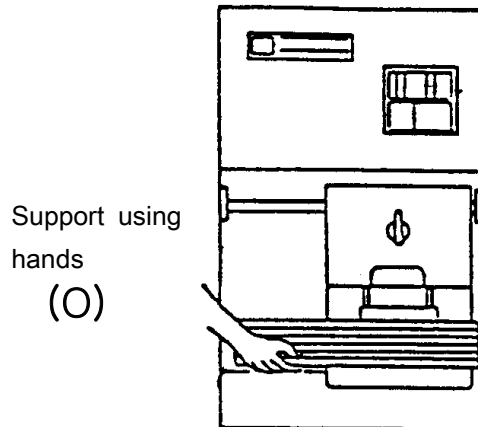
- ※ Do not operate the machine, and contact a qualified service technician if detailed instructions are required or other field actions are inevitable.

## 8 Cautions

### 1) To bind large-sized sheets

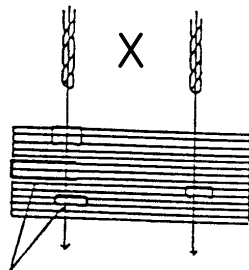


When the sheets come out of the feeder, they will interfere with the feeder when it moves, making the machine stop.



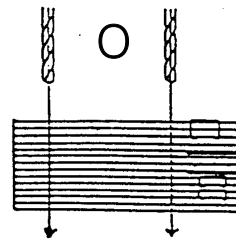
Support the ends of the sheets using your hand to prevent them from coming out of the feeder.

### 2) To bind stapled or clipped sheets



Stapled, Clipped

The drill may bend or break if it touches a staple or a clip.

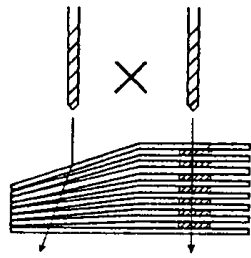


Avoid staples or clips when binding.

### 3) To bind checks or promissory notes

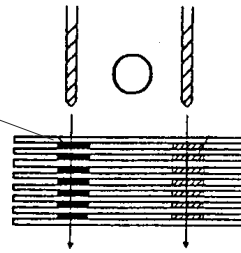
Organize checks or promissory notes carefully when drilling them as certain parts may be hard to drill.

(One side of the check is thicker, while the middle of the promissory note is thick.)



The drill may bend or break if it is unbalanced.

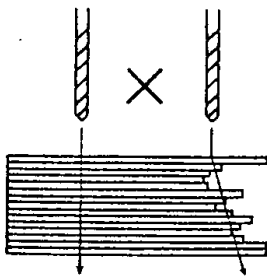
Exclusive Check Pad



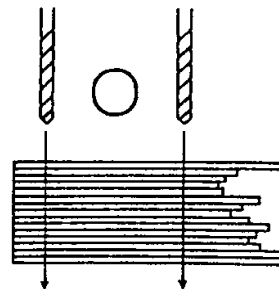
Insert check pads to balance the binding as shown in the figure above.

### 4) To bind sheets of different sizes

Organize the sheets to one side, and then check the drilling position before drilling to bind sheets of different sizes.



Incorrect position setting of sheets



Correct position setting of sheets

## 9

## Consumables

### 1) Pin

- Minimum Order Quantity (MOQ): 5 sets (500 pcs)



50 pcs



100 pcs / 1 set



MOQ: 5 sets

### 2) Drill

- MOQ: 2 pcs (1 set)



2 pcs / 1 set

**\*Caution** Make sure to replace the drills by pair as they wear out minutely.

## 10 Specifications

Binding Profile	10–100 mm
Binding Interval	50 mm
Dimensions	405 (W) × 380 (D) × 715 (H) mm
Power Supply	AC 220/230 V, 50/60 Hz, 1.6 A
Power Consumption	250 W
Drill	2 pcs/set
Weight	50 kg

## Warranty

**BINDTEC Co., Ltd.**, will provide repair or replacement services for 12 months from the date of purchase under the following conditions if there is any defect in the material or operation of the auto-drilling and binding machine.

Receipts or any other pieces of evidence must be submitted to prove the date of purchase and qualify for the warranty service.

### Conditions

Warranty is valid only in cases of correct use and reasonable handling following the User Manual and installation instructions.

### Paid Service

\* 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			



**BINDTEC CO.,LTD.**

#1011, 177 Sagimakgol-ro, Jungwon-gu,  
Seongnam-si, Gyeonggi-do, Republic of Korea

Tel : 031-734-2868 / Fax : 031-734-2869

Email: [sales@bindtec.kr](mailto:sales@bindtec.kr)

<http://www.bindtec.kr>