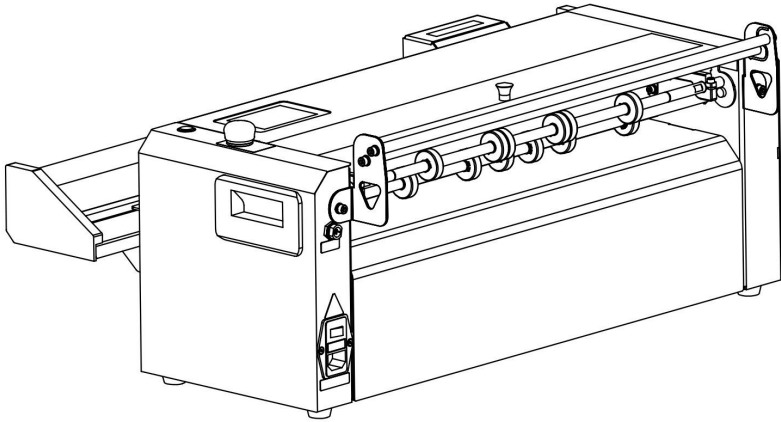


Paper Bubble Machine User Manual

LP-IB500C



Hangzhou Bingjia Technology Co., Ltd.
Hangzhou City, Zhejiang Province

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Preface

Thank you for using the Locked Paper Paper Bubble Machine. In order to ensure that you use the equipment correctly, be sure to read this manual carefully before operation.

Tips: The operation of different models of machines is slightly different, so please pay attention to the tips in the text of the manual.

Disclaimer

The manufacturer and its authorized distributor are not liable for any accidents or damages if one does not follow the operation steps or ignores the warning or instructions in the manual. The accidents or damages includes:

- Improper use or maintenance
- Use for other applications or conditions that the operator manual doesn't include
- Use of unauthorized parts
- Repair or modification without the permission of the manufacturer
- Unauthorized adjust to the machine such as:
 - a) Alterations to the control system
 - b) Welding and machining etc
 - c) lengthening the machine or the control system

The manufacturer and its authorized distributor are not liable for:

- Indirect damages caused by errors or malfunctions of the machine (e.g. damages to products, disruption or delays of company operation business etc.)

Safety

This machine has been designed to be compatible and safe for use in the application, conditions and rules stipulated in this instruction manual. Anyone who operates the machine must carefully read this manual and follow the relevant instructions.

Operator

Only anyone who has read and understood the chapters of "Safety" and "Installation and Use of the Machine" could operate the machine. No special training is required.

Operator responsibilities include:

- Operate machine
- Perform regular maintenance (see Section 6)
- Clean up excess paper dust

Service Technician

Only service technicians employed by Locked Paper or Locked Paper distributors are permitted to repair this machine.

Safety Regulations

The power used for the machine must be consistent with the parameters on the nameplate of the machine. Wrong connection is strictly prohibited. In order to prevent damage to the machine, only the power cord provided with the product can be used .

Please ensure that the power supply is reliably grounded.

When the machine is transported and moved, please pay attention to avoid occurrence of the short-circuit and open-circuit of the internal wiring of the safety switch.

Safety devices must not be turned off or removed.

Do not remove or cover warning signs (see machine warnings).

Keep the work area clean and free from obstacles.

Before moving the machine, unplug it and gather all loose wires together.

Be careful when using tools such as knives or scissors to avoid injuring your hands.

To ensure:

- No damage to cables
- Work area with good lighting
- Work area is well ventilated

Safety standard design: mechanical structure design meets CE safety standard requirements. All dangerous parts cannot be touched by hand.

Warnings

- a. Do not touch any rotating parts while the machine is working;
- b. Non-professionals are prohibited from opening the top cover and the right side cover for maintenance;
- c. It is strictly forbidden to touch the cutter when maintaining equipment;



- d. Under maintenance, it is strictly forbidden to put your fingers in the gear and roller to avoid hand injury;
- e. Press the emergency stop switch to cut off the total power supply of the machine ;

with the following case:

- There is jam in the inlet
- Abnormal sound generated inside the machine
- Other abnormal condition

Improper Use

The following applications or operations are inappropriate for the machine and are regarded as improper use:

- Use materials from other suppliers, not from Locked Paper
- Use outdoors or in wet areas
- Use in areas where explosion accidents may occur
- Use excess water to wash or clean the machine
- Stand on the machine
- Place objects on the machine
- Move the machine while it is running or it is still connected to AC power

Store

- Storerooms must be dry
- Do not place or store the machine in a wet or watery place
- Before using the machine again after long-term storage, it must be checked by a trained service technician



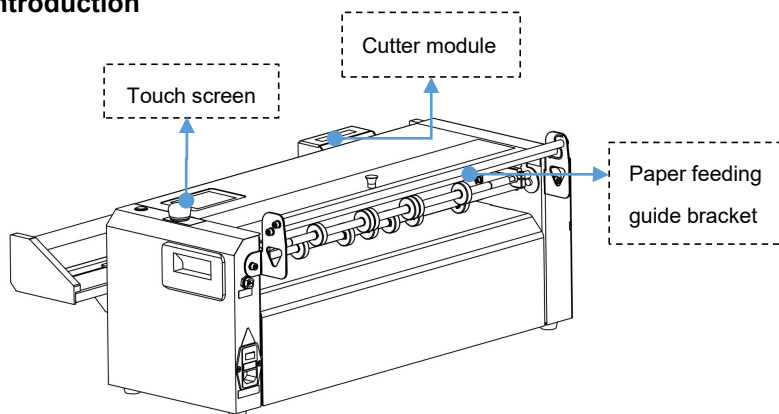
If the machine is brought from a cold area to a warm area, temporary condensation (internal and external) may occur on the machine. At this time, if it is turned on immediately, the machine would be damaged and the operator would be injured. So please make the machine recover to room temperature first and wait for the condensation to evaporate.

Transportation

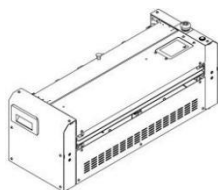
- There should not be severe vibration and impact during the transportation of the machine.
- The machine should not be exposed to the sun and rain. It should be stored within the required temperature and humidity range.

1. Introduction

1.1 Product Introduction



1.2 Unpacking List



×1

Body of IB



×1

Paper Feeding Guide Bracket



×1

Power Cable



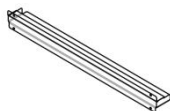
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Pedal



×1

Cutter module



×1

Paper exit

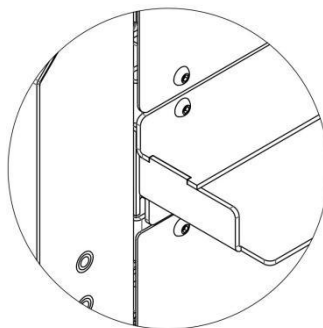
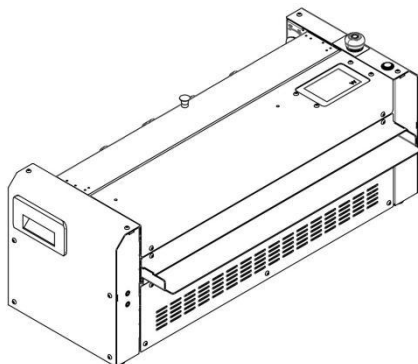
2. Operation

2.1 Turn On The Machine

First, please check if the machine meets the following criteria:

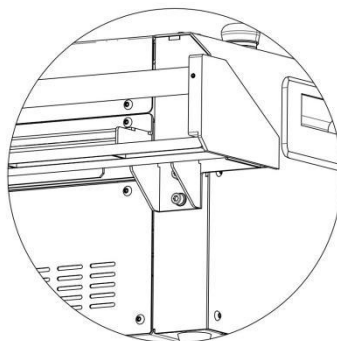
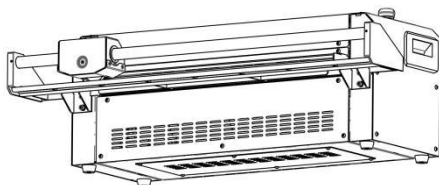
1.Paper outlet Installation.

Allen wrench M2.5;4 hexagon socket head M4*8.



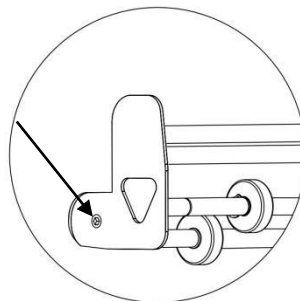
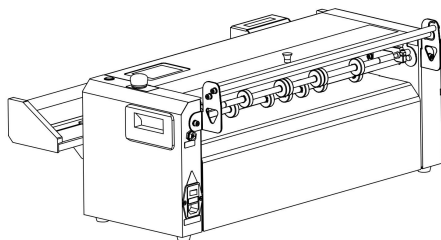
2.Blade Module Installation.

Allen wrench 4mm;4 Hexagon socket head screw;combination M5*14.



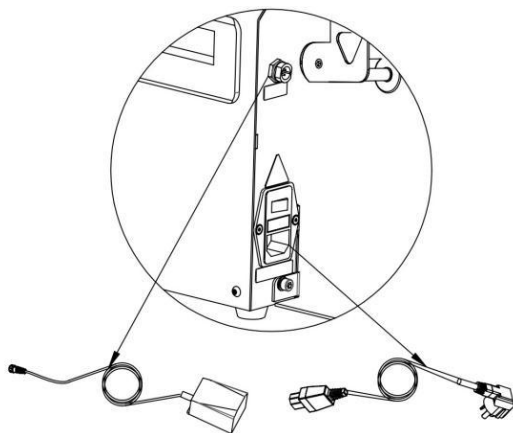
3. Paper Feeding Guide Bracket Installation.

Allen wrench 4mm; 4 Hexagon socket head screw; combination M5*14.

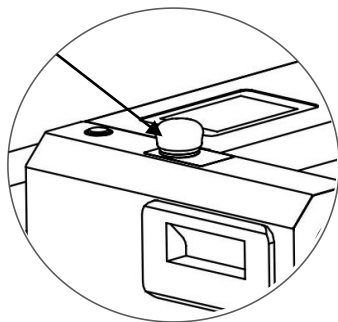


Then, the following steps should be done:

1. Plug in the power cable and pedal switch.

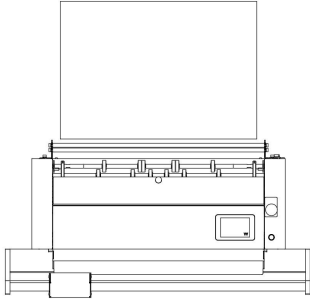


2. Check the status of Emergency Stop switch.
 - a. If the switch is pressed, please rotate the switch clockwise to release, then turn on the power to start the machine;
 - b. If not, please turn on the power directly to start the machine.

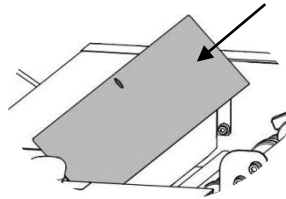
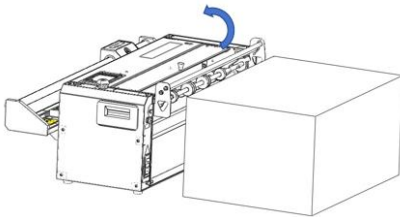


2.2 Feeding

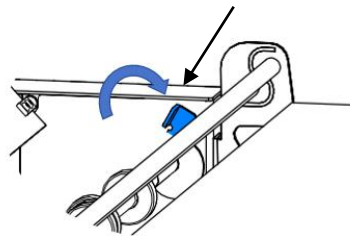
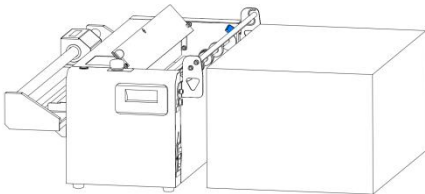
1.Place the consumables well.



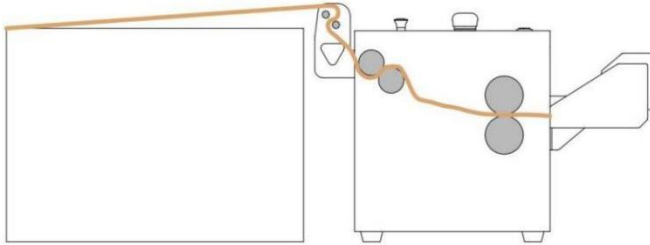
2.Open the safety door.



3.Toggle the handle in the direction of OP, and adjust the paper limit blocks according to the width of the consumables will be used this time (Refer to details in Section 2.3)



4. Load paper according to the instructions.

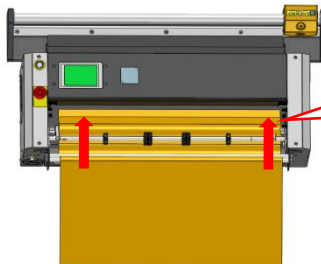


Caution:When feeding,you need to make sure that both sides of the kraft paper enter the paper inlet flush.

Wrong 1:If the front end of the kraft paper is not flush with the feed opening, it may deflect and tear.

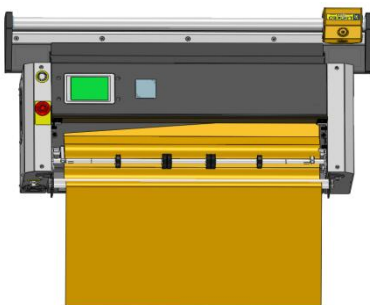
Wrong 2:If the front end of the kraft paper is creased,it may cause indentations on the surface of the kraft paper and machine jams.

✓ Right way

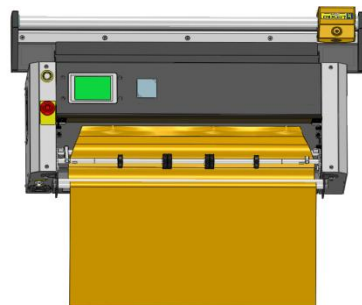


Both sides are flush.

✗ Wrong way

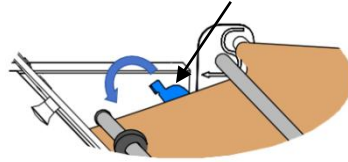
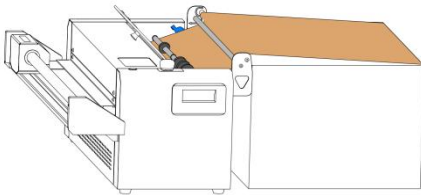


Wrong 1

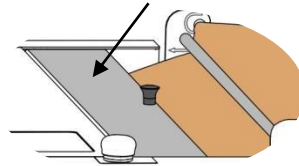
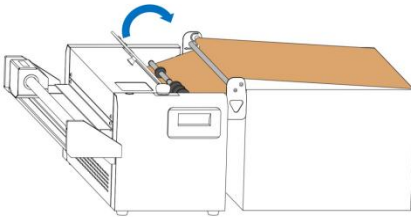


Wrong 2

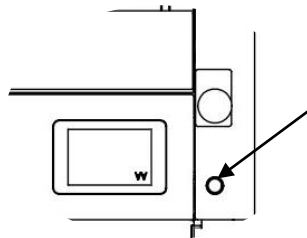
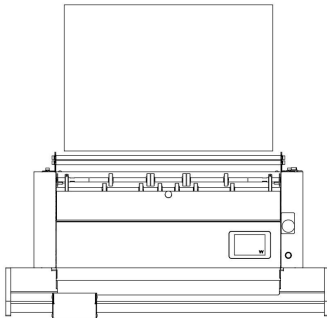
5.Toggle the handle in the direction of CL.



6.Close the safety door.

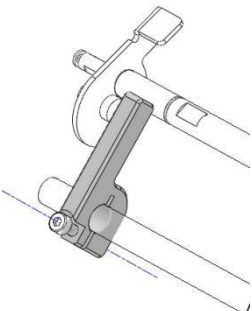
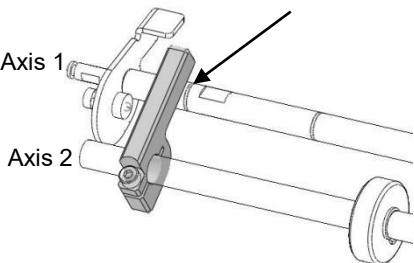
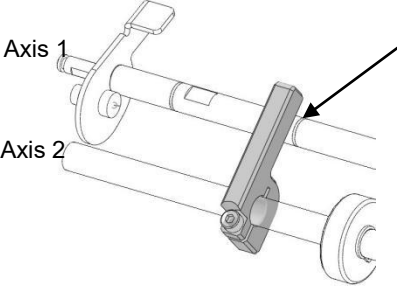


7.Long press the feeding button.



2.3 Paper Limit Block Adjustment

To prevent paper shifting during feeding process, please move the paper limit block to be consistent with the paper width.

<p>1. Loosen the screws:</p> <p>Use an Allen wrench 3mm to release the screw that fixes the paper limit block.</p>	
<p>2. Use width 500mm kraft paper:</p> <p>Move the paper limit blocks on both sides to the position of axis 1 at outer side (as the arrow marks in the right figure), then install the screws.</p>	 <p>Axis 1</p> <p>Axis 2</p>
<p>3. Use width 400mm kraft paper:</p> <p>Move the paper limit blocks on both sides to the position of axis 1 at inner side (as the arrow marks in the right figure), then install the screws.</p>	 <p>Axis 1</p> <p>Axis 2</p>
<p>4. Use width 300mm kraft paper:</p>	<p>Either position of above two.</p>

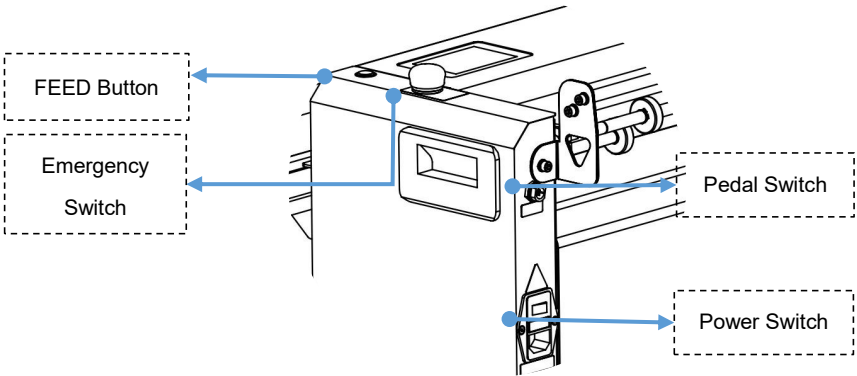
3. Detailed Operation

3.1 Control


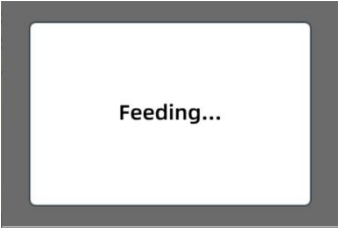
3.1.1 Touch Screen Main Interface



3.1.2 Switch Control



3.1.3 Operation Instructions

Pop-ups	Detail
	<p>Operation Instructions: Pedal.</p> <p>Cause: Step on the pedal in other modes other than Manual/Fixed mode.</p> <p>Operation:</p> <ul style="list-style-type: none">a. Select a work mode directly in the Pop-upsb. Click Back to return to Home.
	<p>Operation Instructions: Feeding.</p> <p>Cause: Press the feeding button.</p> <p>Operation: No processing required.</p>

3.2 Manual Mode

Under this mode, control the paper pad length being produced by stepping on the pedal.

Step on the pedal to produce paper pad and release to stop.

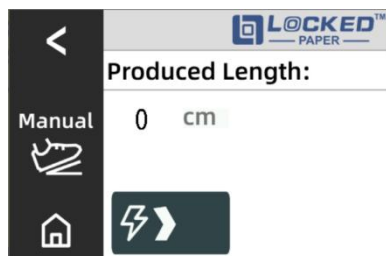







Figure 3.2









- 1) Click  on the Home page to enter the Manual mode interface (Figure 3.2);
- 2) Click  to set the output speed, including three levels (60%, 80%, 100%);
- 3) Step on the foot pedal, the machine will feed paper according to the preset speed, release the foot pedal will stop producing bubble paper, then cut the paper manually;
- 4) Produced Length will display the length of the paper pad produced in real time. The output paper length range is 10~999cm/4~393inches;
- 5) When the machine is in the paused state, click  to return to the previous interface, click  to return to the Home page;
- 6)  is used to handle alarms. It does not need to be used when the machine is running normally or paused.

3.3 Fixed Mode

This mode can produce bubble paper with a preset length.



Figure 3.3

- 1) Click  on the Home page to enter the Fixed mode interface (Figure 3.3);
- 2) Click the Pad Length input box, enter the preset length (10~999cm/4~393 inches) on the pop-up numeric keyboard , and then click  to complete the preset;
- 3) Click  to set the output speed, including three levels (60%, 80%, 100%);
- 4) Click  or step on the pedal to start the production of bubble paper, The screen displays ;
- 5) When the machine is in the paused state, click  to return to the previous interface, click  to return to the Home page.

3.4 Statistics Interface

This interface is used to display the data records of machine operation, including total length, total operation time, and total number of bubble paper.

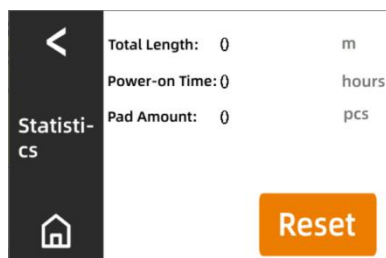





Figure 3.4

- 1) Click  on the **Setting** interface to enter the statistics interface (Figure 3.4);

Total Length will display the data of the total length of paper pads output;

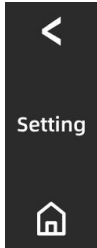
Power-on Time will display the data of the total running time;

Pad Amount will display the data of the total number of bubble paper produced;

- 2) Click  to return to the previous interface, and click  to return to the Home page.

3.5 Diagnosis Interface

This interface is used to choose the status of the motor and sensors, and to check whether each module of the machine is normal.



Diagnosis



Advanced



Language



About

Figure 3.5-1

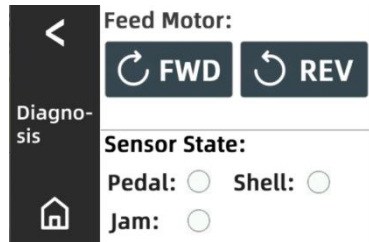








Figure 3.5-2

- 1) Click  on the Home page to enter the **Setting** interface (Figure 3.5-1);
- 2) Click  on the **Setting** interface to enter the Diagnosis interface (Figure 3.5-2);
- 3) Operation diagnosis of **Feed Motor**. Long press , the feed motor will continue rotating forward, it will stop rotating when lifted; Long press , the feed motor will continue to reverse rotating, it will stop rotating when lifted;
- 4) Sensor State indicator light:

● Pedal	It is green when pedal is stepped, and white when released.
● Shell	It is green when the safety cover is closed, and white when opened.
● Jam	It is green when the paper jam sensor is triggered, white when not triggered.

- 5) When the machine is in the paused state, click  to return to the previous interface, click  to return to the Home page.

3.6 Language Interface

This interface is used to switch the unit of length.

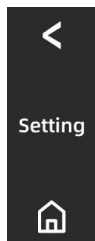






Figure 3.6-1



Figure 3.6-2

- 1) Click  on the Home page to enter the **Setting** interface (Figure 3.6-1);
- 2) Click  on the **Setting** interface to enter the Diagnosis interface (Figure 3.6-2);
- 3) **Unit** displays current status, click  to switch to ;

3.7 Advanced Interface

This interface is the temporary solution interface in case of any faults. Please operate it with the assistance of professional technical personnel. If you need to use it, please contact the after-sales service.

Contact:email:info@lockedair.com or call: +86 0571 86169196.

3.8 About Interface

You can enter the website to view relevant information and videos.

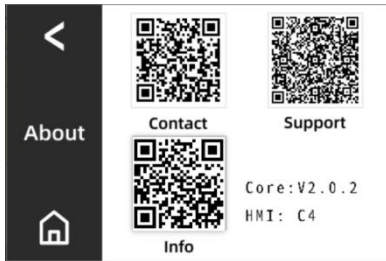




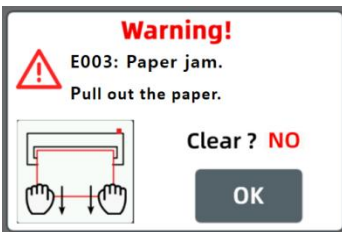


Figure 3.8

- 1) Click  on the **Setting** interface to enter the **About** interface (Figure 3.8);
- 2) Use mobile to scan the QR to enter website for related information;
- 3) Detailed Introduction:
 - a. Contact:  Official Website
 - b. Support: YouTube
 - c. Information: Version number and equipment information

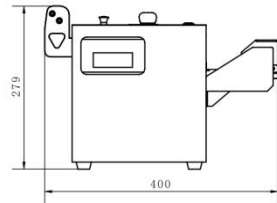
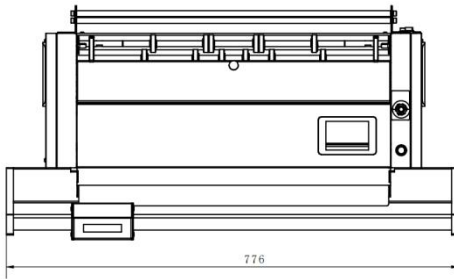
4. Troubleshooting

No matter what occur, machine will remind you by a pop-up window.

Pop-ups	Detail
	<p>Warning Reminder: E001:Shell is open.</p> <p>Cause: The safety cover is opened.</p> <p>Operation: Click Back on the screen after closing the safety cover.</p>
	<p>Warning Reminder: E002:Motor error.</p> <p>Cause: The motor is abnormal.</p> <p>Operation: Contact the after-sales.</p> <p>Contact:email: info@lockedair.com or call: +86 0571 86169196.</p>
	<p>Warning Reminder: E003: Paper jam.</p> <p>Pull out the paper.</p> <p>Cause: Paper jam at outlet.</p> <p>Operation: Clear the paper at outlet then click OK,NO→YES.</p>

5. Specification

5.1 Basic Specifications



Main Body Parameters

LP-IB500C

Weight: 28kg (61.7 lbs)

Dimension: 776mm × 400mm × 279mm
(30.5 inches × 15.7 inches × 10.9 inches)

Paper Output Speed: 12m/min

Single Output Paper Length

Range: 10~999cm / 4~393 inches

Lifetime of Machine: 5 years

Lifetime of Wearing Parts: 3 years

Working Temperature: 15°C ~ 40°C

(59°F ~ 104°F)

Working Humidity: 10% ~ 90%

Storage Temperature: -20°C ~ 55°C
(-4°F ~ 131°F)

Storage Humidity: 10% ~ 90%

Electrical Connections

Power Supply Voltage: 100~120V / 200~240V

See the machine label for detailed parameters

Frequency: 50~60Hz

Power Supply: 250W

6. Maintenance

Please be sure to unplug the power plug.

- Please be careful of the sharp edges and corners of the machine to avoid injury.
- Never operate the machine when safety devices is off or removed.

The machine should be maintained at least once a week:

- Clear up the dust in the runner of the machine.
- Wipe with a dry cloth to remove excess paper dust.



The machine must be inspected by a qualified person at least once a year

The following points should be checked:

- Various adjustments
- The operation of various safety facilities
- If the warning label clear and legible
- Abrasion and tear of components
- Clean cutting area

6.1 Repair/Replacement Parts

Repair should only be performed by a qualified service technician.

- When replacing parts, only  supplied parts can be used.
- Parts can be ordered by  's distributors.
- Failure to strictly follow the above instructions may affect the safety of the machine. The manufacturer disclaims no responsibility if the above instructions are not followed.

For service contact Bingjia by email:
info@lockedair.com or call: +86 0571 86169196