



**LP-V1**

# **Paper Void Filling Machine**

## **User Manual**



# 1. User instructions

Thank you for using the LockedPaper Void Filling Machine. This manual is written in an easy-to-understand manner, allowing the operator to quickly and easily become familiar with the location of the machine components, the operation of the machine, and the basic principles of troubleshooting and fault correction.

**Tip:** The operation of different models of machines is slightly different, please pay attention to the tips in the main text of the manual. Only those who have read and understood the chapters such as "Safety", "Product Introduction" and "Product Operation" can operate the machine;

Only service technicians employed by LockedPaper or its dealers are allowed to perform service and repairs on this equipment;

Operator responsibilities include:

- Operate machinery
- Carry out regular maintenance (see Section 5)

**NOTE:** Only service technicians employed by LockedPaper or a LockedPaper dealer are allowed to service this machine.

## 2. Safety

### 2.1. Safety instructions manual

The power supply used by the machine must be consistent with the parameters on the machine nameplate. Misconnection is strictly prohibited. To prevent damage to the machine, please only use the power cord provided with the product.

- Please ensure that the power supply is reliably grounded
- Safety devices must not be turned off or removed
- Warning markings must not be removed or covered (see Machine Warnings)
- Keep work area clean and accessible
- Before moving the machine, unplug the power cord and collect any loose wires together
- Be careful when using tools such as knives or scissors to avoid injuring your hands

Make sure:

- No damage to cables
- Work areas should be well lit
- Work area is well ventilated

**Safety specification design:** The mechanical structure design complies with CE safety specification requirements. All dangerous parts cannot be touched by hand.

### 2.2. Machine warning

When the machine is working, it is strictly prohibited to touch any moving parts; Pay attention to the following tips when the machine is working and within 5 minutes after it stops working;



**Lightning Tip:** Indicates that some machine parts inside the equipment are not electrically insulated. Notice! Risk of electric shock!



**Anti-pinch Tip:** Indicates that there are drive components inside the unit. Caution! Do not touch!

### 2.3. Improper use

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

- Reference to other documents not prepared by LockedPaper

- Use outdoors or in wet areas
- Used in areas where explosion accidents may occur
- Using excess water to wash or clean the machine •

Stand on the machine

- Place objects on or on top of the machine
- Move the machine while it is running or still connected to AC power

### 2.4. Storage

• Never place or store the machine in a damp or watery place

• Before using the machine again after long-term storage, it must be inspected by a trained service technician

• The machine should be stored in an environment with a temperature range of -25~+55°C (-13~131°F) and a relative humidity less than 90%RH.



If the machine is brought from a colder area to a warmer area, condensation may form on the machine (inside and outside), which may damage the machine and injure the operator if the power is turned on immediately. Before turning on the power, let the machine return to room temperature and wait for the condensed water to evaporate.

### 2.5. Transportation

• The machine should not experience severe vibration or impact during transportation;

• The machine must not be exposed to the sun or rain, and should be stored within the required temperature and humidity range.

## 3. Disclaimer

The manufacturer and its authorized dealers are not responsible for any accident or damage caused by violation of the warnings or instructions contained in the description of this machine or this manual.

- Improper use or maintenance
- Use in other applications or conditions other than those specified in this manual.
- Use of unauthorized parts
- **Use non-LockedPaper material**
- Repairs or modifications without the manufacturer's permission

• Unauthorized modifications to the machine, such as:

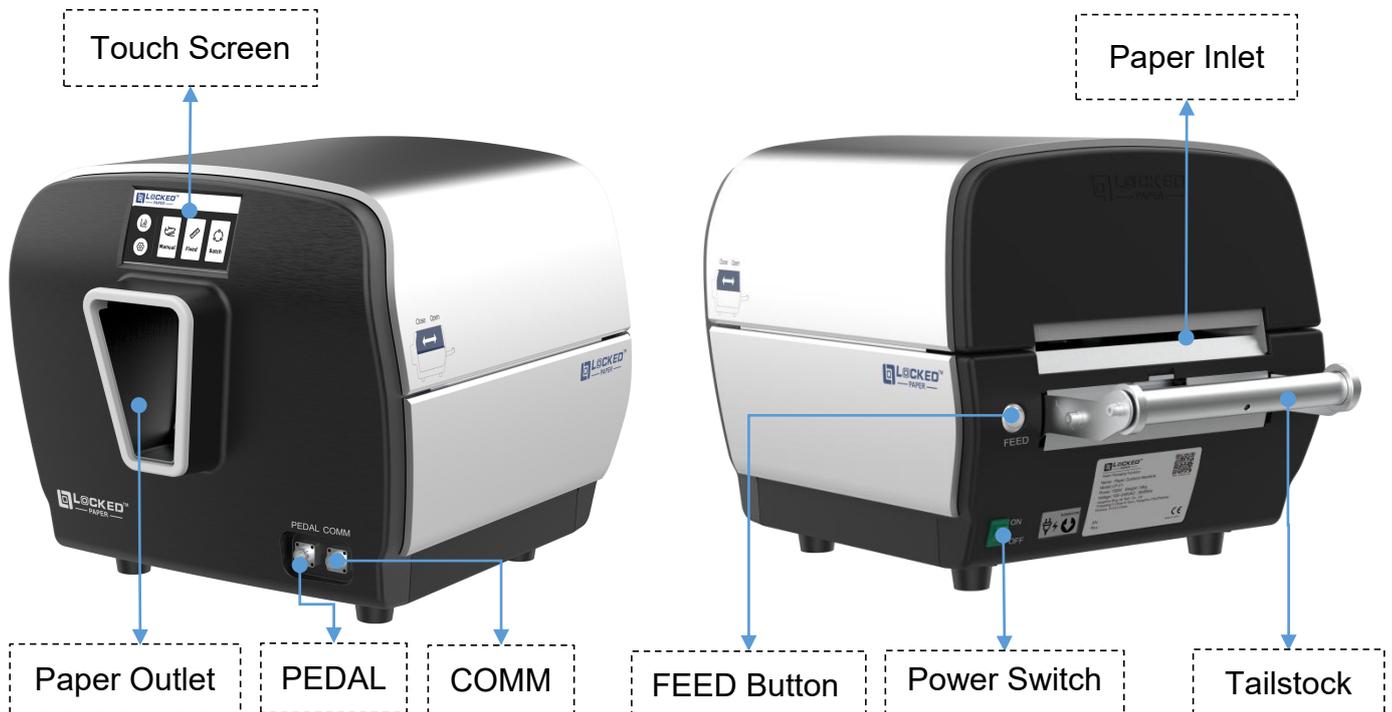
- a. Change the control system
- b. Welding, mechanical processing, etc.
- c. Extend the machine or control system

The manufacturer and its authorized dealers are not responsible for:

- Consequential damages caused by machine errors or malfunctions (such as product damage, interruption of company operations, delays, etc.).

## 4. Introduction

### 4.1. Product Introduction



### 4.2. Turn On The Machine

Step1: Plug in the power supply and fasten the power cord to prevent from falling off.

Step2: Connect the power plug to a grounded, single-phase, three-wire outlet.

Step3: Plug in the pedal switch.

Step4: Turn on the power switch.

### 4.3. Feeding

Step1:Place the consumables well.



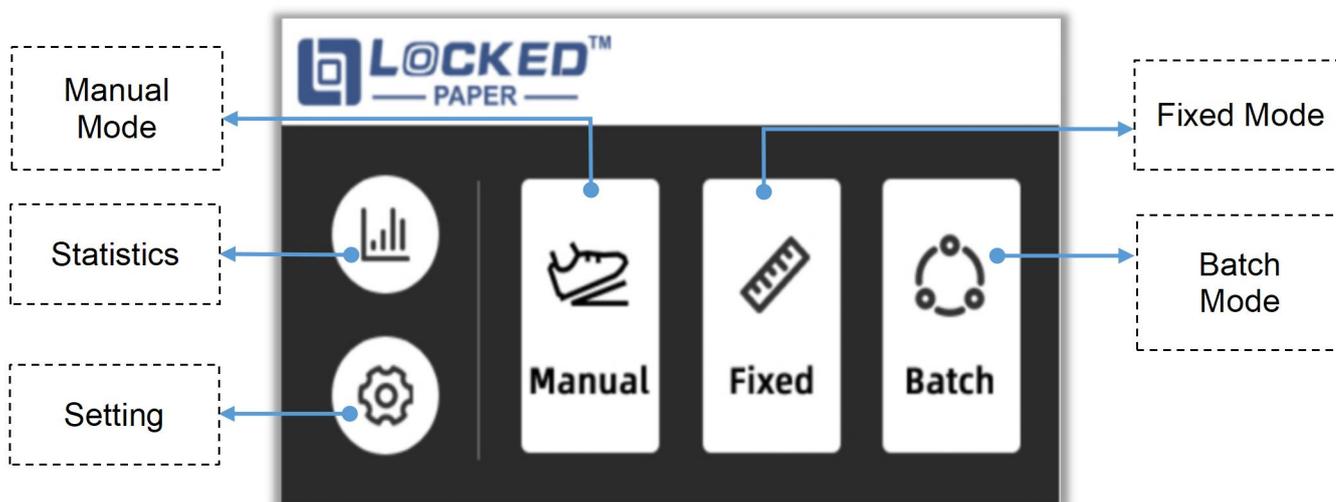
Step2:Load paper according to the instructions,After successfully paper loading,long press the **FEED** button,If paper feed out from the outlet, that means it is loaded successfully.



## 5. Detailed Operation

### 5.1. Control

#### 5.1.1. Touch Screen Main Interface



### 5.2. Manual Mode

In this mode, the length of the paper pad is controlled by stepping pedal, paper output by stepping pedal, and paper pad is torn off by releasing pedal.

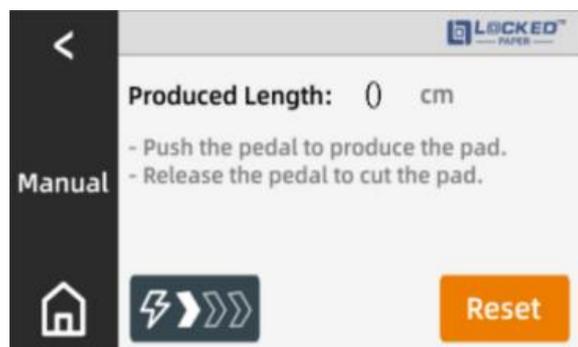


Figure 5.2

- 1) Click  on the Home page to enter the Manual mode interface (Figure 5.2);
- 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 tear off the paper pad;
- 4) Produced Length will display the length of the paper pad produced in real time. The output paper length range is 50~500 cm/20~197 inches;
- 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.

### 5.3. Fixed Mode

This mode can produce paper pad with a preset length, it can be set to produce the next piece of paper pad automatically when a piece of paper pad is taken out, or automatically output next piece of paper pad by stepping the pedal.

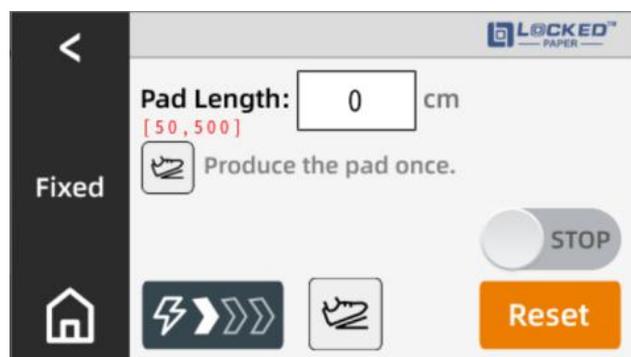
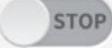


Figure 5.3

- 1) Click  on the Home page to enter the Fixed mode interface (Figure 5.3);
- 2) Click  cm , enter the preset length (50~500cm/20~197 inches) on the pop-up numeric keyboard , and then click  to complete the preset;
- 3) Click  to set the paper output speed, including three levels (60%, 80%, 100%);
- 4) Click  or step on the pedal to start the production of paper pads. The screen displays  ;
- 5) Click  or step on the pedal, and the screen displays  , that means the machine will stop after current paper output is completed. Click  again or step on the pedal to tear off the paper pad immediately;
- 6) Click  to switch to  to activate the automatic operation mode;
- 7) In the automatic operation mode, the machine will start to automatically produce preset length paper pads according to the preset speed once started. After the paper pad is produced, the machine will automatically produce the next one after removing the paper pad from the outlet;
- 8) If you need to use the manual operation mode, click  to switch to  . This mode means step on the pedal once or click  once will produce a piece of paper pad;
- 9) When the machine is in the paused state, click  to return to the previous interface, and click  to return to the Home page.

## 5.4. Batch Mode

This mode can set the length and quantity of paper pads, output paper pad automatically and continuously until the production of the preset paper pads are completed.

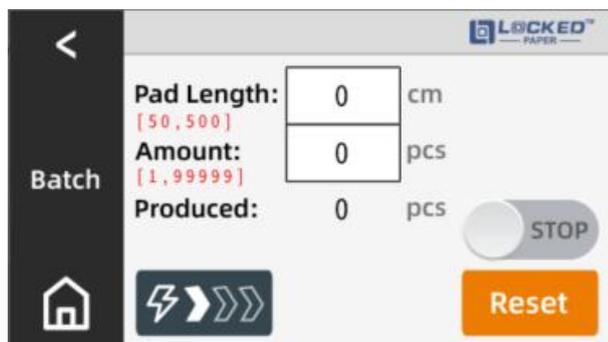


Figure 5.4-1

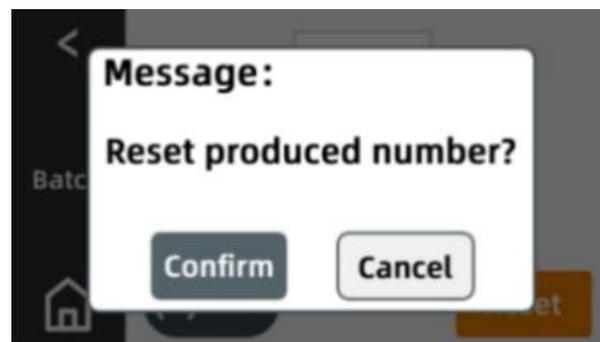
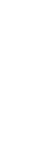


Figure 5.4-2

- 1) Click on the Home page  to enter the Batch mode interface (Figure 5.4-1);
- 2) Click the Pad Length box in the pop-up number keyboard  to edit the length of the pad (50~500 cm/20~197 inches); Click the Amount box in the pop-up number keyboard  to edit the output quantity (1~99999); **Produced** is used to display the finished quantity of paper pad output (can not be set);
- 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 paper pads, displaying ;
- 5) Click  or step on the foot pedal, and the screen displays , the machine will stop running after the current paper output is finished. Click  again or step on the pedal to tear off the paper pad immediately;
- 6) In this mode, the machine will automatically start producing paper pads with a preset length once started, and the **Produced** will track the number of paper pads that have been produced. And the machine will automatically stop running after the preset number of paper pads has been produced;
- 7) When there is no alarm reminder on the interface but the machine stops, you can choose whether to clear the recorded number of **Produced** by press  (Figure 5.4-2), If you choose **Confirm**, it will start counting from 0 when the machine is restarted;
- 8) When the machine is in the paused state, click  to return to the previous interface, and click  to return to the Home page.

## 5.5. Statistics Interface

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

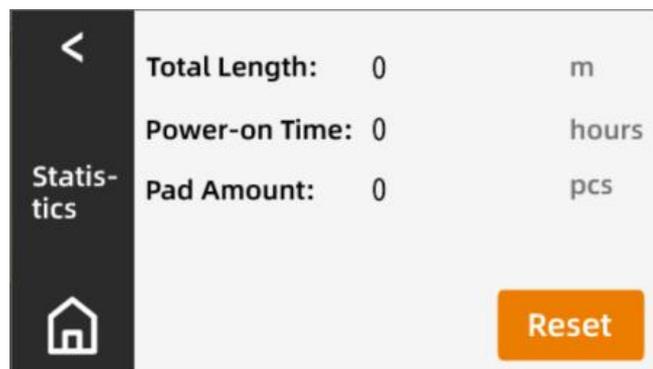


Figure 5.5

- 1) Click  on the Home page to enter the statistics interface (Figure 5.5);
- 2) Click  to return to the previous interface, and click  to return to the Home page;
- 3) Statistical data cannot be modified, if you need to use , please contact the after-sales service.

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

## 5.6. Setting Interface

This interface can access to the Diagnosis, Advanced, Language and About interface.



Figure 5.6

- 1) Click  on the Home page to enter the **Setting** interface (Figure 5.6).

## 5.6.1. 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.

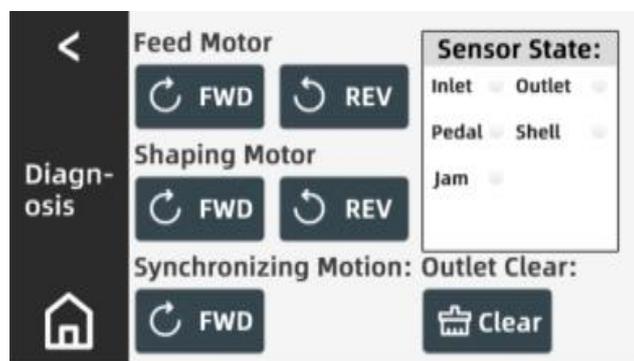


Figure 5.6.1

- 1) Click  on the **Setting** interface to enter the **Diagnosis** interface (Figure 5.6.1);
- 2) 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;
- 3) Operation diagnosis of **Shaping Motor**. Click , the outlet motor will continue rotating forward, click  the outlet motor will continue to reverse rotating, and it will stop rotating when lifted;
- 4) Operation diagnosis of **Synchronizing Motion**. Click , the paper feed motor and the outlet motor rotate forward synchronously;
- 5) **Outlet Clear**: Click  button to automatically clear the jams;
- 6) **Sensor State** indicator light:  
It will remain green when the corresponding sensor is triggered, and remain white when not triggered.

● Inlet	It is green when there is paper at the inlet, and white when there is no paper.
● Outlet	It is green when there is paper at the outlet, and white when there is no paper.
● Pedal	It is green when pedal is stepped, and white when released.
● Shell	It is green when top cover is closed, white when open
● Jam	It is green when the paper jam sensor is triggered, white when not triggered.

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

## 5.6.2. 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.

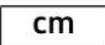
**Contact:**email:info@lockedair.com or call: +86 0571 86169196.

## 5.6.3. Language Interface

This interface is used to switch the unit of length.



Figure 5.6.3

- 1) Click  on the **Setting** interface to enter the **Language** interface(Figure 5.6.3);
- 2) **Unit** displays current status, click  to switch to  ;
- 3) Click  to return to the previous interface, and click  to return to the Home page.

## 5.6.4. About Interface

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



Figure 5.6.4

- 1) Click  on the **Setting** interface to enter the **About** interface (Figure 5.6.4);
- 2) Detailed Introduction:
  - a. Contact: Official Website
  - b. Support:YouTube
  - c. Info:Version number and equipment information
- 3) Click  to return to the previous interface, and click  to return to the Home page.

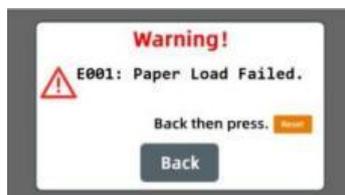
## 6. Troubleshooting

No matter what occur, machine will remind you by a pop-up window. If the message displayed in the screen is not listed in the below, please contact the distributors of LockedPaper.

Refer to the following to troubleshoot:



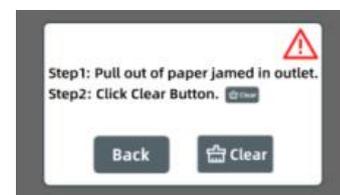
Warning①



Warning②



Warning③



Warning④

No.	Error Code	Cause	Solutions (The machine should be powered off )
1	E002: No paper in outlet.	<ol style="list-style-type: none"> <li>1. Abnormal shape of the outlet paper pad</li> <li>2. Abnormal structure of the outlet protective cover</li> <li>3. The sensors or cables at outlet are damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the shape of the outlet paper pad and if the dotted/perforation line of paper is torn</li> <li>2. Check whether the outlet protective cover is damaged</li> <li>3. Check the installation or replace the sensors/cables</li> </ol>
2	E003: No paper in inlet.	<ol style="list-style-type: none"> <li>1. The dotted/perforation line of the paper pad is cracked and broken at the entrance</li> <li>2. The inlet sensors or cables are damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Check whether the paper pad is cracked or broken</li> <li>2. Check the installation or replace the sensors/cables</li> </ol>
3	E004: No paper on the tray.	<ol style="list-style-type: none"> <li>1. Insufficient consumables on the tray</li> <li>2. The paper shortage detection sensors or cables are damaged</li> </ol>	<ol style="list-style-type: none"> <li>1. Press Reset to clear the fault and load paper</li> <li>2. Check the installation or replace the sensors/cables</li> </ol>
4	E005: Shell is open.	<ol style="list-style-type: none"> <li>1. The top cover is open</li> <li>2. The sensors or cables are abnormal</li> </ol>	<ol style="list-style-type: none"> <li>1. Close the top cover and click the Retry button</li> <li>2. Check the installation or replace the switch/cable</li> </ol>
5	E006: Paper Jam.	<ol style="list-style-type: none"> <li>1. Paper jam occurs</li> <li>2. The sensors or cables are abnormal</li> </ol>	<ol style="list-style-type: none"> <li>1. Solve paper jam issue according to the alarm guidance to Recovery</li> <li>2. Power off and clear the jam</li> <li>3. Check paper jam sensor</li> </ol>

## ➤ **Customer service**

### ➤ **Notice to customers:**

LockedPaper™ Void filling machine is manufactured by Hangzhou Bingjia Technology Co., Ltd. and are fully tested before shipment. However, if a problem arises while the machine is operating, please contact our customer service department using any of the service phone numbers listed below.

Customer Service and Spare Parts Service:

1. Please call your LockedPaper customer representative
2. Please contact our customer service by email: [info@lockedair.com](mailto:info@lockedair.com)

### ➤ **Technical customer service**

If any unusual problems occur with the device, please confirm the following information:

1. Customer details: Your company name, contact number
2. The product serial number "BJTLP-V1 \_\_\_\_\_" can be viewed on the nameplate information on the back of the device.
3. Describe the problems encountered in d.