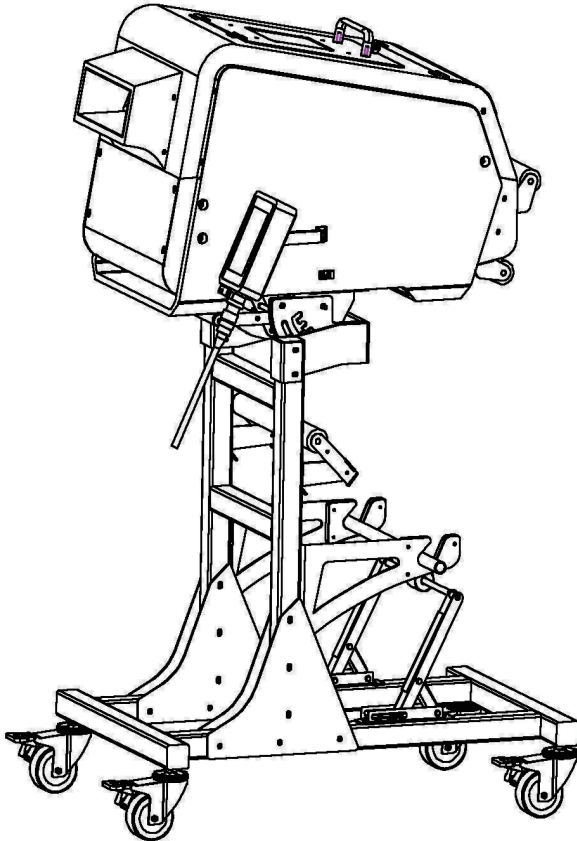
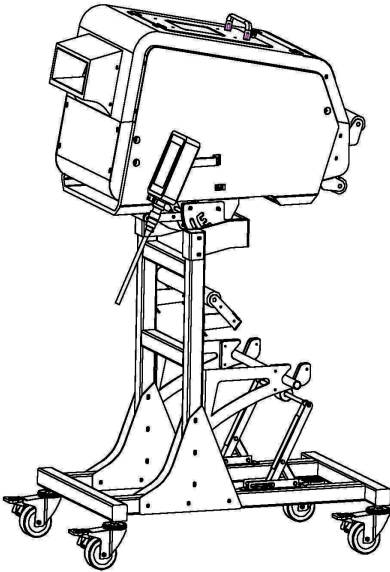


# HRZ-M-Paper kneading machine Product Manual



Before installing or using the product, please read the instructions carefully and keep them for future reference.  
[www.AirPackagingMachine.com](http://www.AirPackagingMachine.com)

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# 1.0 About this manual

The purpose of this manual is to guide operators to understand the location of the system components and learn the system operation and basic troubleshooting.


The contents of this manual are applicable to HRZ-M paper kneading machine.


## 2.0 Safety

### 2.1 Important Safety Precautions


1. Read and understand all the contents of this manual carefully.
2. Before starting the operating system, make sure the following are correct:
  - Authorized dealers or technicians have provided complete training to operators.
  - The operator has read and understood all safety signs posted on the equipment.
  - Confirm that the power supply to power the HRZ-M paper kneading machine meets the requirements of the machine and has a grounding device. (See section 3.3: Power Requirements)

Definitions and recommendations for special symbols used in the manual:

 "Lightning strike" mark: indicates that there are unisolated parts inside the machine, and contact may cause electric shock.


 Warning: Improper grounding may cause electric shock.

3. Before maintaining or repairing the equipment, please confirm:
  - The system power is off. Unplug the power plug and lock the power supply and disconnect the power supply according to the specified measures.
  - Important: The HRZ-M paper kneading machine can only use our company's paper rolls. If you use the paper roll not provided by us on the HRZ-M paper kneading machine, we have the right to immediately terminate the maintenance service of the equipment and stop the supply of all raw materials and consumables.

 Warning: Warning: Do not attempt to repair or modify the HRZ-M paper kneading machine except as described in the "Maintenance and Repair" section of this manual. All maintenance work should be carried out by representatives of our company, authorized dealers or professional maintenance personnel trained by our company.

4. Inspect the Equipment regularly, to ensure that:

- The cable of parts is free from scratch, damage and crack.
- All control and display parts are running normally.

 Warning: If the system is found inconsistent with this Brochure during operation, power off the system immediately, unplug the power socket, and inform the Company's technical representative.

5. Air noise

The HRZ-M paper kneading machine has a maximum noise level below 95 dB during normal operation. Please confirm whether this value complies with the standards stipulated by local regulations.

6. Ambient condition

- Storage temperature: Machine 0-43 °C ; Paper roll: 0-43 °C
- Operating temperature: Machine 0-43 °C ; Paper roll: 0-43 °C

7. Potential risk

Most parts of the HRZ-M paper kneading machine are equipped with protective covers, but there are still a few exposed parts, so extra care should be taken when operating.

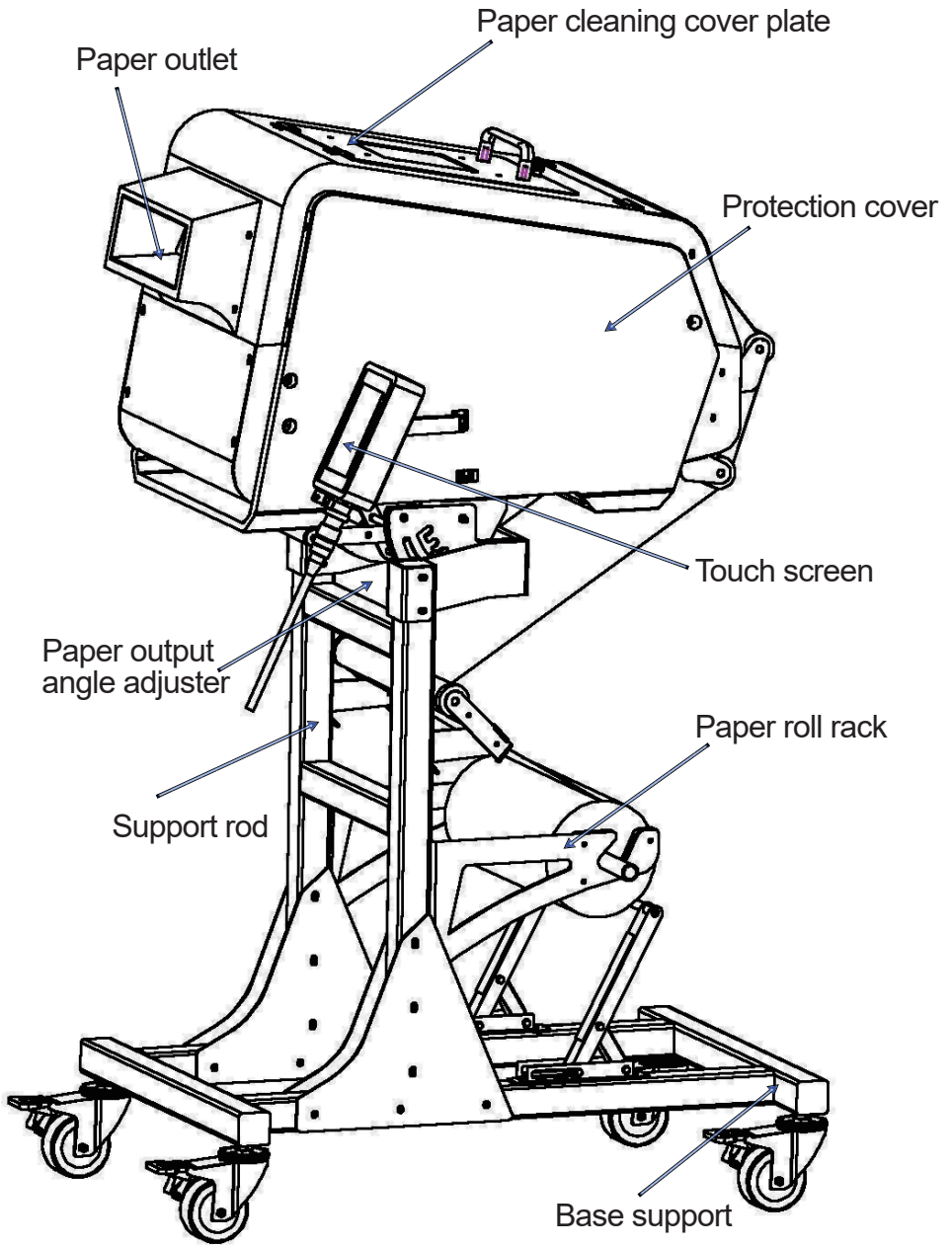


Figure 1 (Full View of the machine)

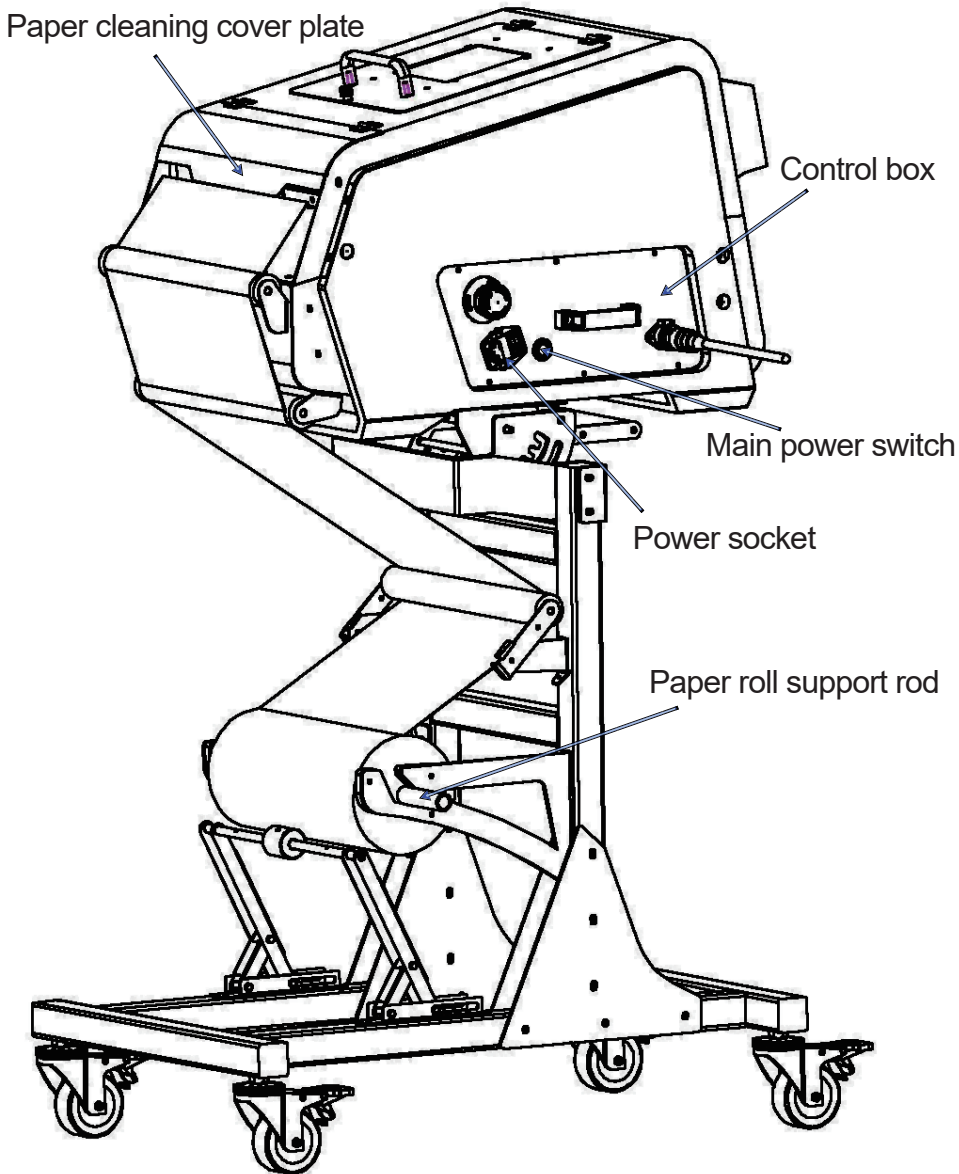


Figure 2 (Full View of the machine)

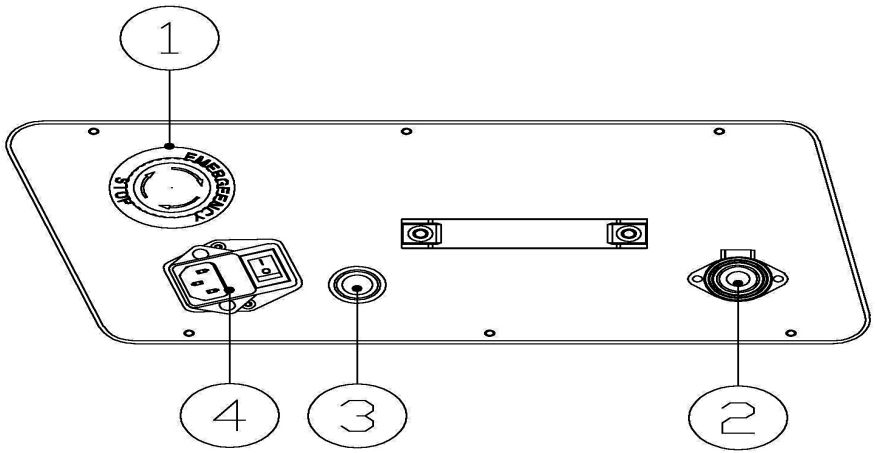
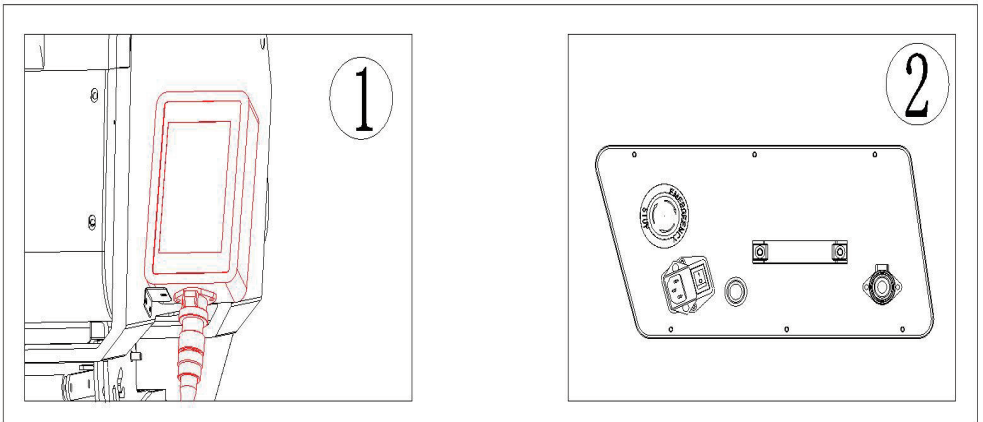


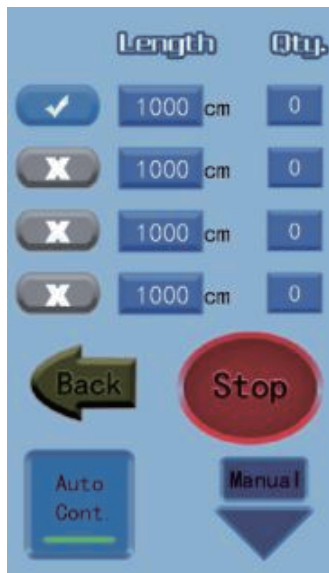
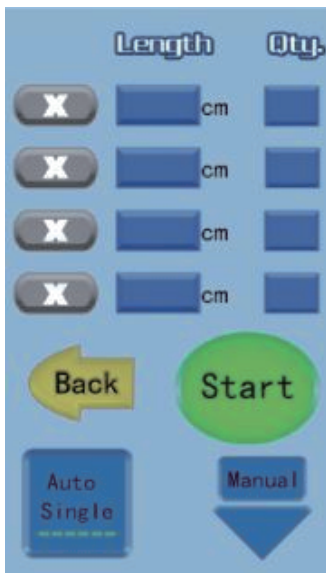
Figure 3(Main Control Panel Diagram)

- ①:Emergency stop button
- ②:Connection socket of touch screen
- ③:Main power switch
- ④:Power socket



(Installation instructions of touch screen)







- ①: Put the touch screen on the slot, insert the specific aviation plug cable of touch screen.
- ②:Connect the aviation plug cable of touch screen to the control box.



(Pop up the paper discharging interface automatically)

(Pop up the paper continuous discharging interface)

(Instructions of touch screen)

- 1) Light up the button of status bar (  ), the length and quantity setting area will be enabled. There are 4 areas which can be enabled ;click "Jog" and it will start paper cutting by length and quantity.
- 2) Manual (  ) Press "Manual" to feed paper. After it is released , the cutter will cut the paper.
- 3) Automatic. Automatic mode is divided into two states: automatic continuous paper (  ), press start, kneading machine according to the length of the activation area has been feeding and cutting . Automatic single paper (  ) press start, kneading machine according to the length of the activation area to send a section of material. Wait for the user to take away the kraft paper before starting the next paper delivery
- 4) Output paper (  ), when pressed, the kneading paper will discharge the paper inside the machine to the mouth of the input paper, and the user needs to manually pull the paper out.
- 5) Stop, (  ) When pressed, the kneading paper will stop running.

# 3.0 Introduction

## 3.1 System Introduction

Main advantages of HRZ-M paper kneading machine:

- 1) The 3D buffer pad has high straightness and good support performance
- 2) It can have effective buffering, filling, fixing and protection function of products
- 3) The pad has fast paper discharging up to 23m/min
- 4) The pad rate for kraft paper up to 92 % , and material utilization rate is high
- 5) Save warehouse rent. The space occupied by paper roller is just 1/30 of other inner package products, and they can be produced as needed.
- 6) Improve production rate and delivery quantity.

### 1. Basic Parameters

Size of paper kneading machine:

800MM\*530MM\*1300MM(L\*W\*H)

Package size of paper kneading machine:

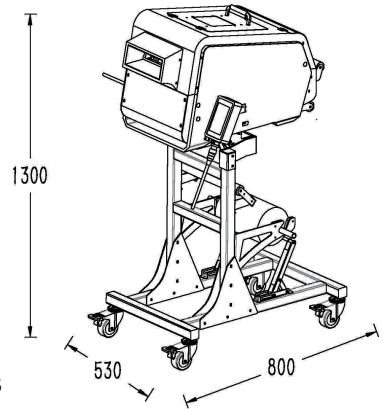
960MM\*580MM\*1350MM (L\*W\*H)

Reference size, the real product prevails

Net weight: 91KG

Weight: 110KG

Reference weight, the real product prevails



### 2. Technical parameters

Product model: HRZ-M paper kneading machine

Rated frequency: 50~60HZ

Speed: 23m/min MAX

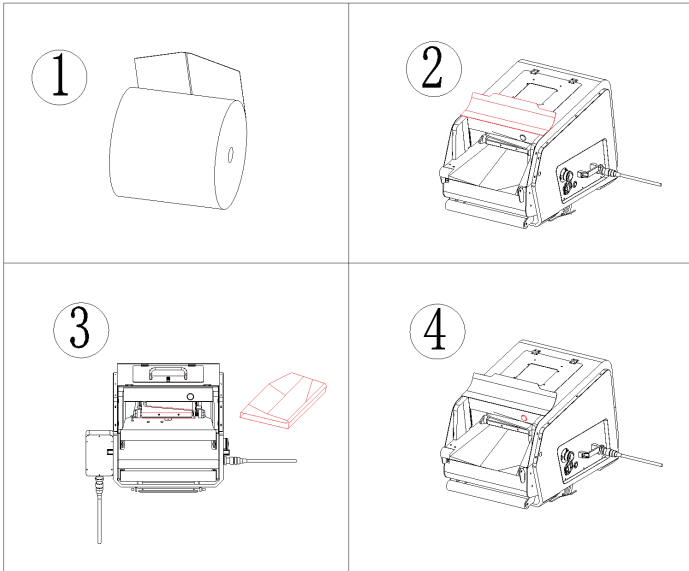
Input voltage: 110/220V adjustable

Rated power: 600W

Power connection mode: Y

### 3.2 Operation method

- ①: Ensure that paper is cut into triangles.
- ②: Pull the paper to the Equipment's feeding port, open the paper feeding port cover plate of host.
- ③: Put 3 layers of papers into the paper guiding device.
- ④: Press "Feed" button to roll in the paper; if not, the paper rolling depth is insufficient and it is needed to push the paper roll inwards, until the paper roll works successfully



### 3.3 Precautions

1. Do not use the Equipment in a humid place.
2. Make sure to satisfy the following conditions prior to operation:
  - Electric shock may occur if the system is not grounded properly.
  - Do not open the protection or overhaul cover. The protection or overhaul cover can be opened by authorized maintenance personnel from manufacturer or dealer only.
  - Avoid contact between finger, clothes and jewelry with the roller, and tie up the hair during operation or material loading;

Prohibited: The equipment must not be operated without materials!

# 4.0 Maintenance and repair

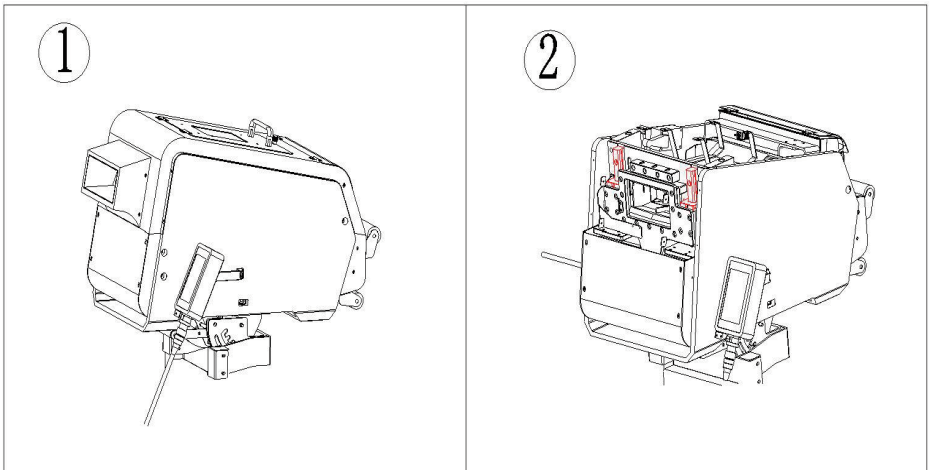
## 4.1 Preventive Maintenance



Warning: When maintaining and repairing HRZ-M paper kneading machine, be sure to turn off the machine first and unplug the main power cord from the socket.

Maintenance period	Content	Description
Monthly	Check cleaning	① Remove the six screws on the side of the paper outlet. ② Use a tool to remove the remaining paper scraps, and then lubricate as shown in the figure
Annually	Contact	Arrange a site inspection; Contact your authorized dealer or our technical service representative to inspect the equipment.

Maintenance instructions: Perform regular maintenance according to the actual service time.



# **Our Service Philosophy:**

**Quality Top**

**Customer First**

**Exploration and Innovation**

**Stable Development**

**Good Credit**

**People-oriented**

# HRZ-M Paper Kneading machine