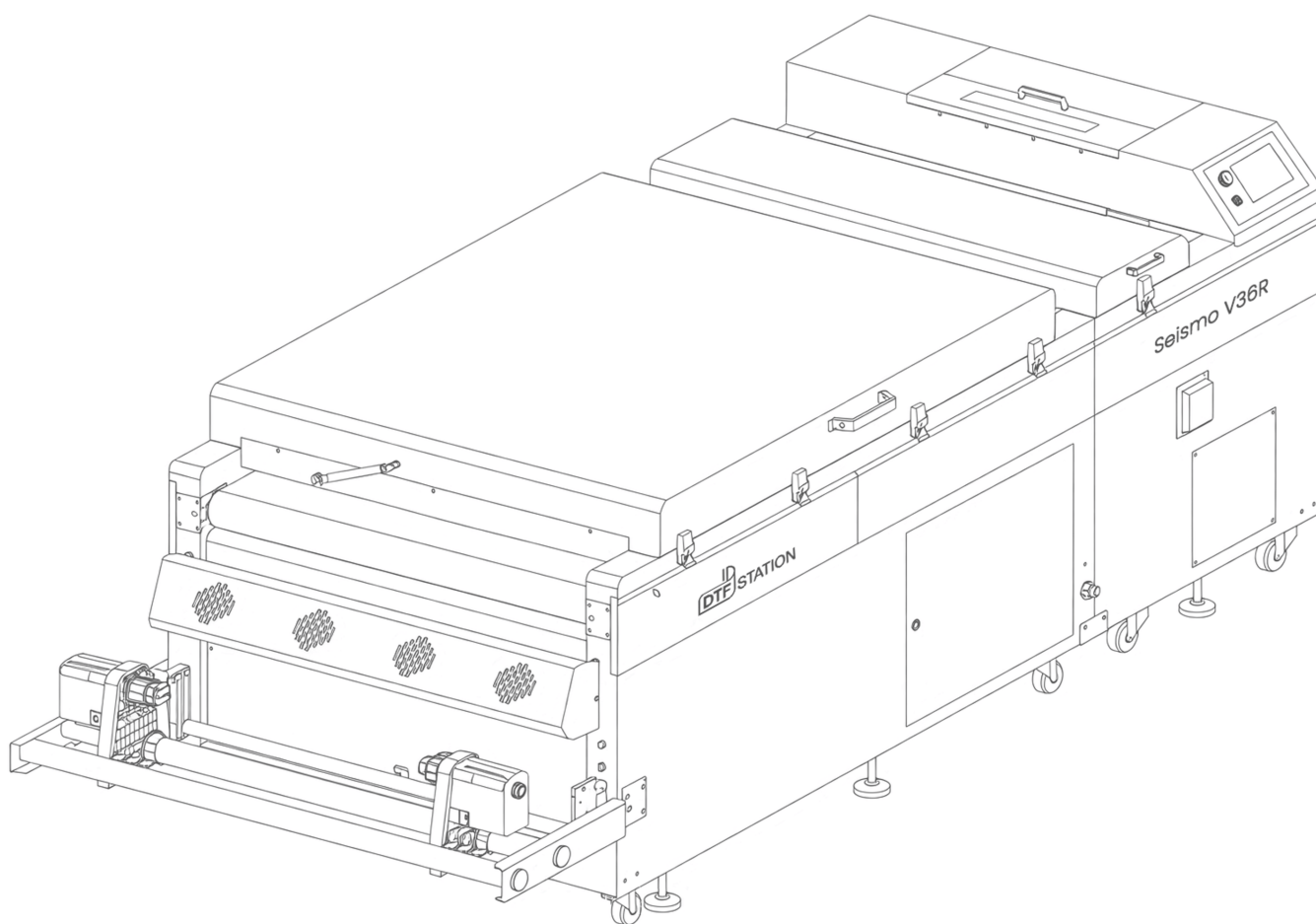


INSTALLATION & SETUP GUIDE

SEISMO V36R



<https://qrco.de/bgZ2P7>

Thank you for purchasing this product.

To ensure correct and safe operation of the system and to fully understand its features, requirements, and limitations, read this manual completely before installing, configuring, or operating the equipment [OBJ].

1. This manual is provided to help users operate the product correctly and safely. Please retain it for future reference.
2. This manual is intended to assist users in the correct and safe operation of the system. Keep this document available for future reference and consultation throughout the product's lifecycle.
3. Product specifications and the information contained in this manual are subject to change without notice.
4. This manual and the product have been prepared and reviewed with the greatest care. If you identify any errors, omissions, or unclear information, contact your authorized representative for clarification.
5. The manufacturer shall not be liable for any direct, indirect, incidental, or consequential damages arising from the use of this product, including those resulting from product malfunction or performance issues.
6. The manufacturer assumes no liability for any direct or indirect loss or damage resulting from items, materials, or output produced using this product.

1. Pre-Installation Check

1.1 Documentation Overview

The following documentation is provided with this machine:

Printed Documents

1. **Accessories List**

Identifies the supplied accessories, including included items, fasteners, and related components.

2. **Stand Assembly Guide (this document)**

Provides instructions and safety precautions for assembling the stand.

3. **User's Manual**

Describes machine functions, operating procedures, and important operational considerations.

4. **Safety Instructions**

Contains mandatory safety information that must be observed when using the machine.

1.2 Installation and Placement

Installation and placement of this machine must be performed by trained and qualified personnel.

WARNING

Transportation, unloading, and installation must be carried out by trained and qualified personnel only. Proper handling requires appropriate equipment and technical expertise. Failure to use suitable equipment or qualified personnel may result in serious injury, property damage, or major accidents.

1.3 Installation Location Precautions

Install the machine in a stable, vibration-free environment suitable for reliable operation.

Installing the machine in an unsuitable location may result in accidents, fire hazards, operational malfunction, or equipment damage.

WARNING

Install the machine on a level, stable surface capable of supporting its full weight.

Failure to install the machine on an appropriate surface may result in serious accidents, including tipping, falling, or structural collapse.

Do not install the machine outdoors or in any location exposed to water, moisture, or high humidity.

Failure to prevent electrical leakage may result in electric shock or fire.

Install the machine so that the power plug remains easily accessible at all times.

In the event of an emergency, the power plug must be disconnected quickly. Position the

machine near a suitable power outlet and maintain sufficient clearance to ensure immediate access to the plug

Install the machine in a clean, well-lit environment suitable for safe operation.

Working in a dark, obstructed, or cluttered area may result in accidents, including tripping hazards or becoming caught in moving components.

Do not install the machine near flammable materials or in areas where combustible gases may be present.

Failure to comply may result in fire or explosion.

Ensure that the work area is adequately ventilated in accordance with applicable environmental, health, and safety requirements.

Insufficient ventilation may result in health hazards or increased fire risk due to the accumulation of ink vapors.

Unsuitable Installation Locations

Do not install the machine in any of the following environments. Installation in unsuitable locations may result in malfunction, reduced performance, or equipment damage:

- Areas subject to significant temperature or humidity fluctuations
 - Locations exposed to vibration or mechanical shock
 - Sloped, uneven, or structurally unstable flooring
 - Dusty or contaminated environments
 - Areas exposed to direct sunlight
 - Locations near air conditioners, heaters, or other heat sources
 - Areas exposed to water, moisture, or strong airflow
 - Locations subject to electrical noise, magnetic interference, or other sources of electromagnetic disturbance
-

1.4 Temperature and Humidity

Maintain the specified temperature and humidity conditions at all times, including when the machine is not in operation.

Failure to comply may result in malfunction, reduced performance, or equipment damage.

During operation

- Temperature: 20 to 28 °C (68 to 83 °F)
- Humidity: 40 to 60% RH (no condensation)

When not in operation

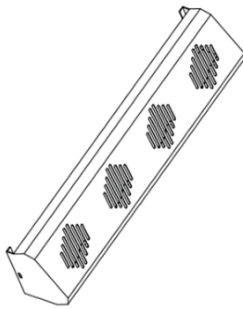
- Temperature: 15 to 30 °C (59 to 86 °F)
- Humidity: 30 to 80% RH (no condensation)

2. Installation Overview

Cooling Fan

Parts List:

A



B

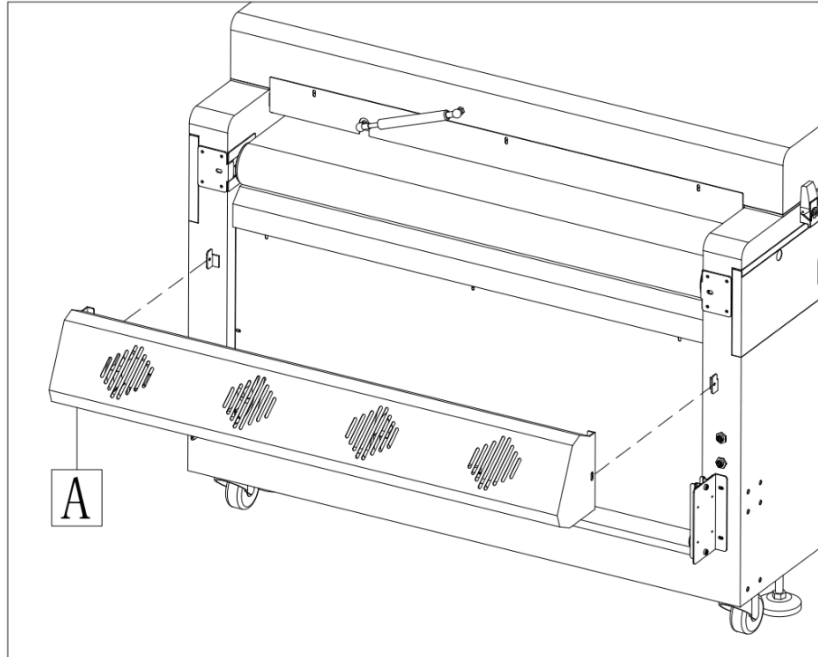


Item	Description
A	Cooling fan
B	M6 x 16 mm hex bolt (silver) x 2

Installation:

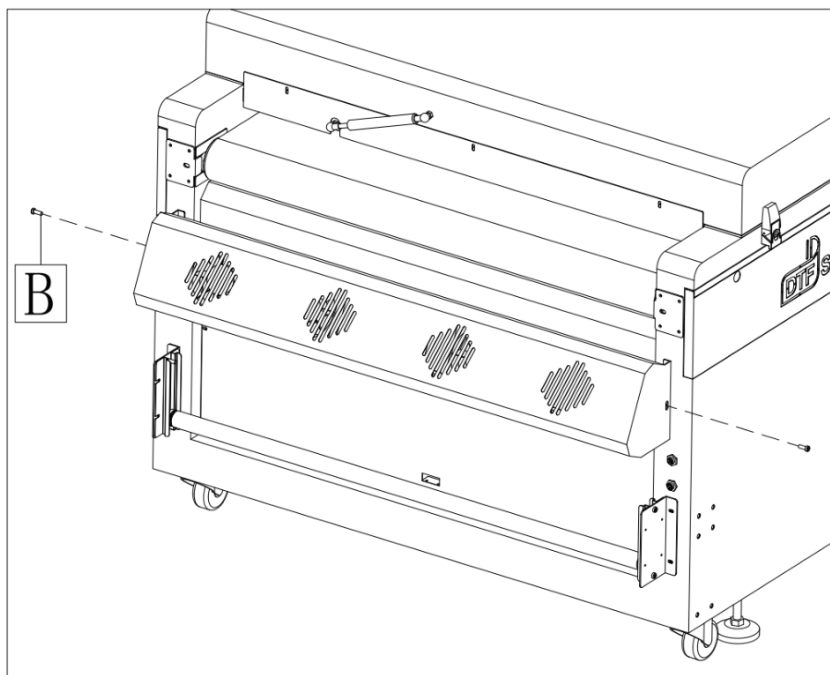
1. Position the cooling fan.

Align the two M6 mounting holes on the sides of the fan housing with the corresponding locating points on the bracket.



2. Secure the fan.

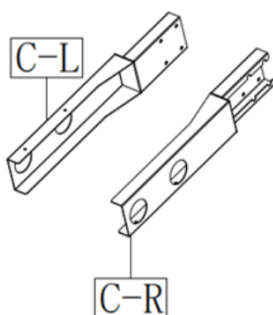
Insert the M6 bolts into the mounting holes on both sides and tighten them.



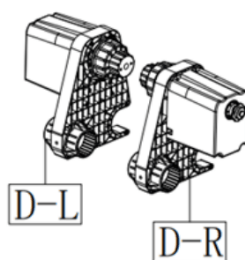
Take-up System

Parts List:

C



D



E



F

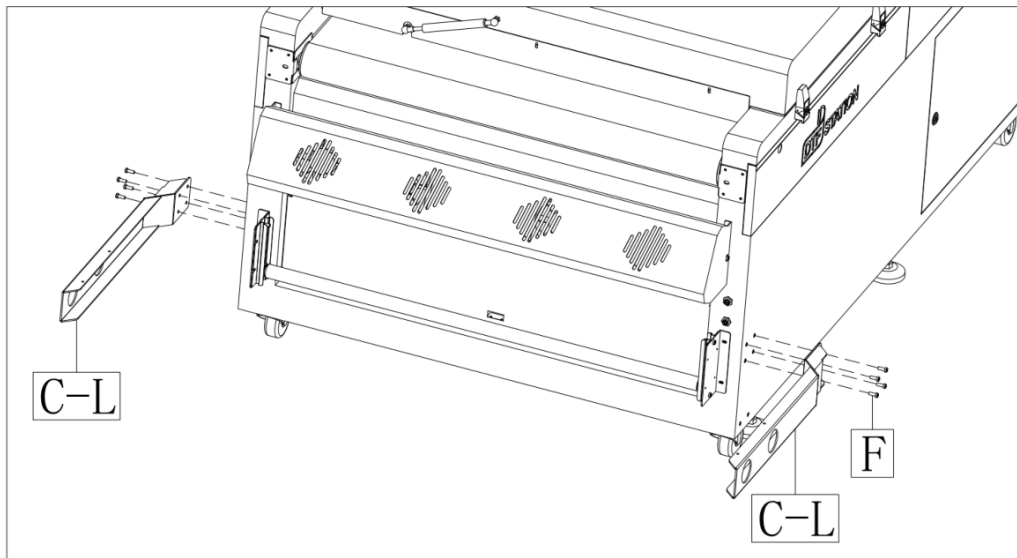


Item	Description
C	Take-up bracket (left/right) – C-L, C-R
D	Take-up unit (left/right) – D-L, D-R
E	Take-up bar x 2
F	M6 x 16 mm hex bolt x 12

Installation:

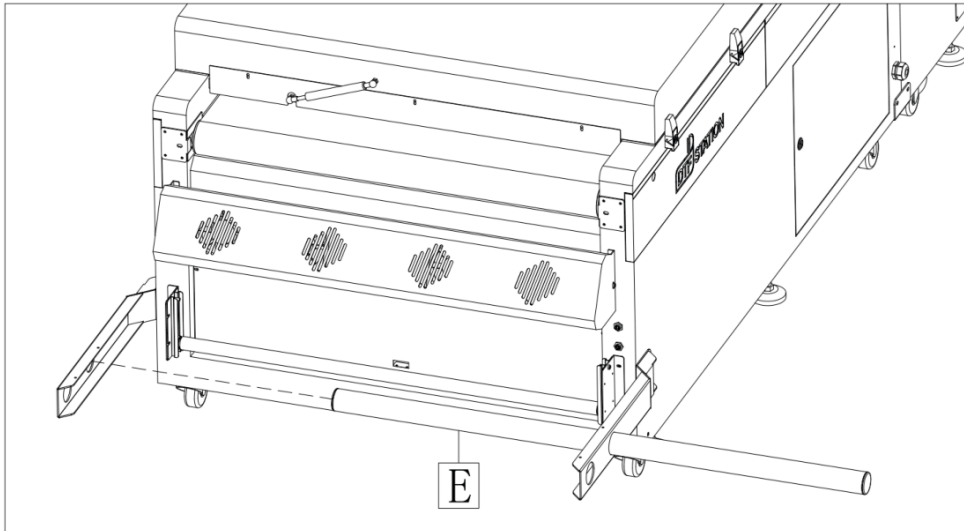
1. Attach the take-up brackets.

Secure the left and right take-up brackets to the unit using four M6 bolts on each side.



2. Install the first take-up bar.

Insert the first take-up bar into the inner mounting holes, centering it between the brackets.



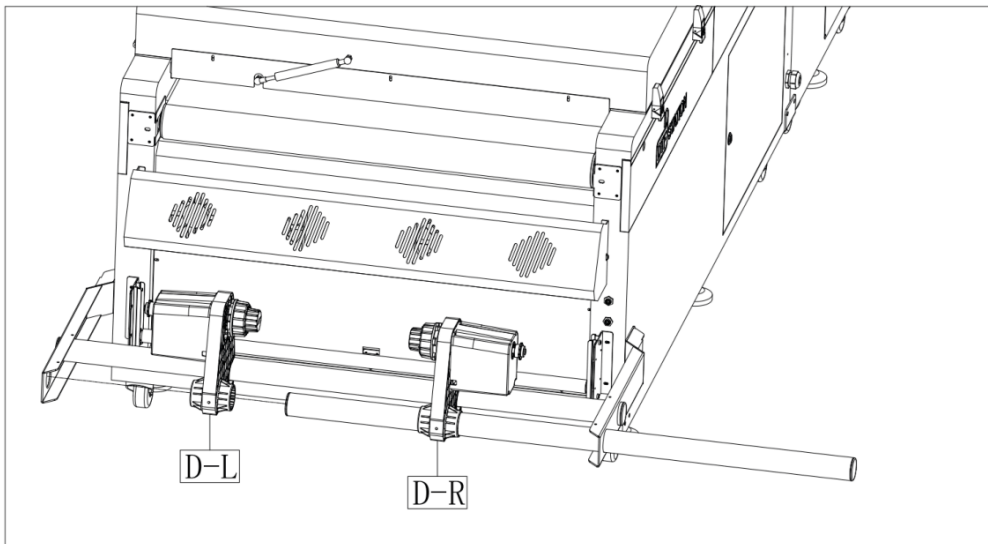
3. Install the take-up unit and second bar.

Insert the second take-up bar into the outer mounting holes.

As you do so, position the take-up unit (D-L, D-R) onto the bars.

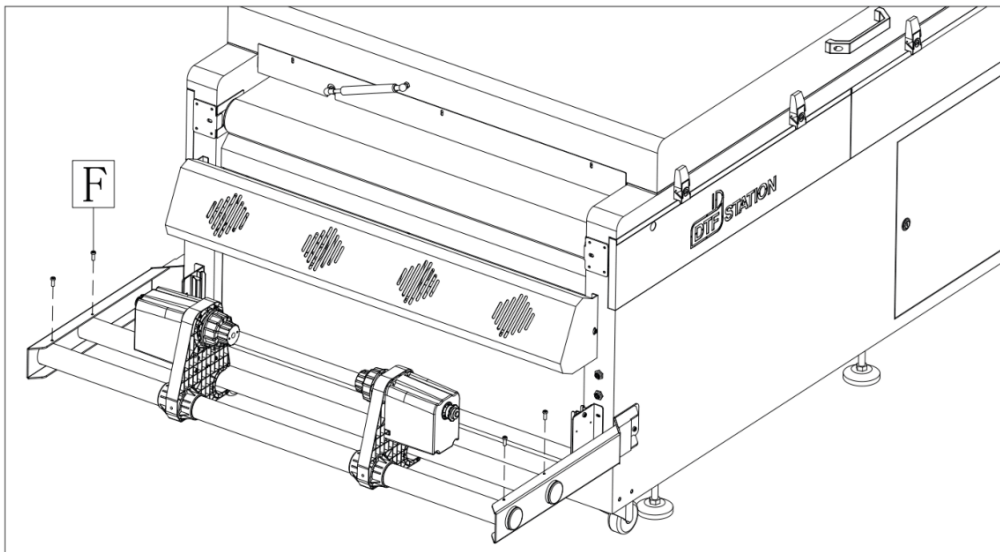
Make sure the **media holder switches face outward**. The back side of the take-up reel is open. The front side must slide onto the bar first before the right side of the

bar is placed into the bracket.

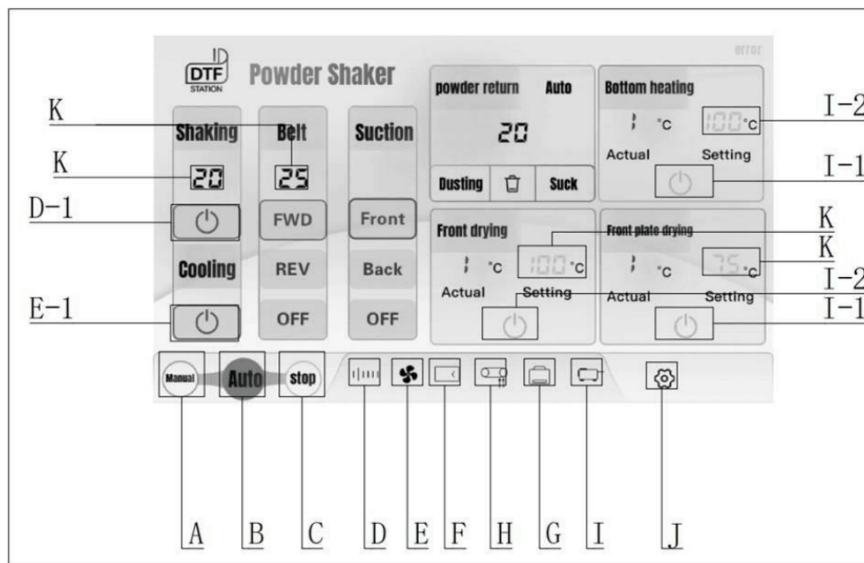


4. Secure the bars.

After installing the second bar, ensure both bars are centered and aligned between the brackets. Then, secure each bar with two M6 bolts on each side.



3. Control Panel (Touch Screen) Overview



A–C: Mode Selection Keys

Key	Description
A	Press to activate Manual Mode. This mode remains active until you press B or C to switch to another mode. When Manual Mode is active, the shaker operates in manual mode.

B Press to activate Automatic Mode. This mode remains active until you press A or C to switch to another mode. When Automatic Mode is active, the shaker operates in automatic mode.

C Press to activate Stop Mode. This mode remains active until you press A or B to switch to another mode. When Stop Mode is active, the shaker stops all current operations.

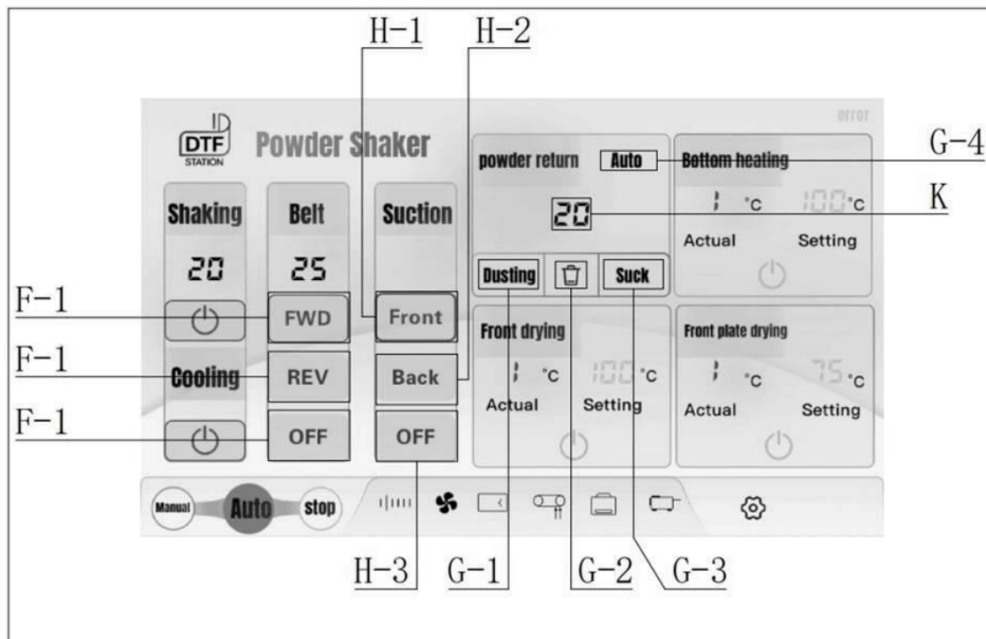
Note: Keys A, B, and C are mutually exclusive. Pressing one key activates its corresponding mode and automatically deactivates the previously active mode.

D: Shaker Motor

When the motor is off, the icon appears static. Press D-1 to turn the motor on; the icon changes to a dynamic wave animation. Press D-1 again to turn the motor off.

E: Cooling Fan

When the fan is off, the icon appears static. Press E-1 to turn the fan on; the icon changes to a rotating animation. Press E-1 again to turn the fan off.



F: Belt Drive

When the belt drive is off, the icon appears static.

Key	Function
F-1	Press to move the belt forward (take-up direction). The icon animates while the belt is moving.
F-2	Press to move the belt backward (toward the front guide plate). The icon animates while the belt is moving.
F-3	Press to stop the belt.

G: Powder System

When the powder system is off, the icon appears static.

Key	Function
G-1	Activates manual powder dispensing. The icon animates while the function is running.
G-2	Activates the powder box cleaning function. The icon animates while the function is running.
G-3	Activates manual powder suction. The icon animates while the function is running.
G-4	Activates circulation mode. The icon changes to indicate the function is active.

H: Belt Vacuum

When the belt vacuum is off, the icon appears static.

Key	Function
H-1	Activates the front vacuum. The icon animates while the function is running.

H-2	Activates the rear vacuum. The icon animates while the function is running.
-----	---

H-3	Turns off all vacuum functions.
-----	---------------------------------

Note: The front and rear vacuums can operate simultaneously, or independently. When both are active, the icon animates.

I: Heating System

When the upper dryer and front guide plate are off, the icon appears static.

Key	Function
I-1	Starts heating the upper dryer. The icon animates while the upper dryer is running.
I-2	Starts heating the lower (rear) dryer. The icon animates while the lower dryer is running.
I-3	Starts heating the front guide plate. The icon animates while the front guide plate is running.

Note: Press the same key again to stop the corresponding function. The upper dryer, lower dryer, and front guide plate can operate simultaneously, or independently. When all three are active, the icon animates.

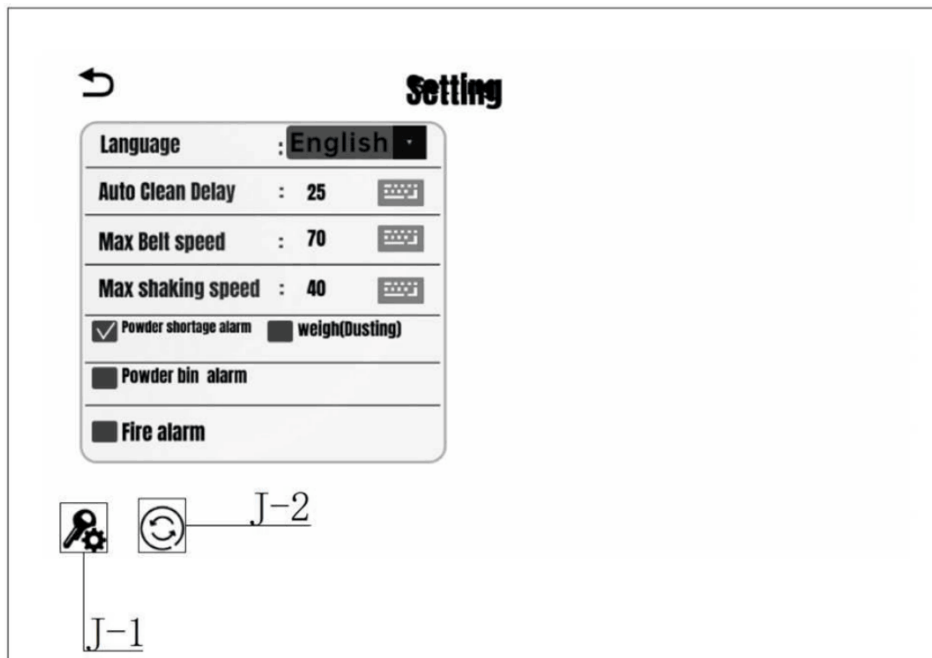
J: Settings Key

Press and hold for 3 seconds to access the settings menu. Available settings include:

- Automatic powder removal delay
- Maximum belt speed
- Maximum shaking speed
- Language selection

Sub-key	Function
J-1	Engineering mode (not accessible to users)
J-2	Factory reset

Refer to the illustration below for the settings interface.



K: Parameter Adjustment Key

Press to adjust parameters. Each setting has its own minimum and maximum allowable values.

Refer to the illustration below for the parameter adjustment interface (shown with Upper Dryer settings).

The illustration shows a parameter adjustment interface. At the top, it displays 'input', 'max:180', and 'min:30'. Below this is a text input field containing the value '100'. Underneath the input field is a numeric keypad with buttons for digits 1 through 9, 0, 00, and 10. To the right of the numeric keypad are three buttons: a back arrow with an 'x' icon, an 'Esc' button, and an 'Enter' button.

4. Operation Procedure



1. Power Connection

Ensure the external power supply is connected (AC 220 V, 50/60 Hz).

2. Grounding

Verify that the ground wire is securely connected.

3. Machine Alignment

Before use, align the printer with the shaker. Maintain a distance of approximately 20–30 cm between the front heating plate of the shaker and the front heating plate of the printer. This helps prevent material misalignment during take-up.

4. Loading Media

Secure the media onto the printer's media holder and load it into the printer for printing. Refer to the printer's media loading instructions for details.

5. Power On

Turn on the main power switch on the control box.

6. Parameter Settings

Tap the desired value on the screen to open the setting interface. For example:

- Tap the Shaker Speed value to set the shaking speed.
- Enter the desired value and confirm to return to the main screen.

The same procedure applies to setting:

- Belt speed
- Front dryer temperature
- Front guide plate temperature
- Other speed and temperature settings

7. Shaker Function (On/Off)

Tap Off or On below Shaker on the screen to enable or disable the shaking function.

8. Automatic Powder Return System

Item	Description
Auto Powder Return Level	Adjustable from level 1 to 30. Default level 15 suits most printing speeds. Higher levels increase powder output.
Powder Return On/Off	Turns the automatic powder return function on or off. When enabled, the system operates in synchronization with the machine. Powder return pauses when media is not moving.
Manual Dispense	Tap to dispense powder once.
Manual Powder Return	Tap to activate powder return for 40 seconds. Tap again to stop immediately.
Powder Box Cleaning	Press and hold for 3 seconds to start cleaning. The powder outlet opens wider and vibrates strongly to dislodge

residual powder. Place a container under the outlet to collect the powder.

9. Belt Drive Control

Tap Off, Forward, or Reverse below Belt on the screen to stop, advance, or reverse the belt.

10. Front Dryer Heating (On/Off)

Tap the Power Icon on the front dryer to turn heating on or off.

- Red = Off
- Green = On

The same operation applies to the rear dryer.

11. Front Guide Plate Heating (On/Off)

Tap the Power Icon on the front guide plate to turn heating on or off.

- Red = Off
- Green = On

12. Cooling Fan (On/Off)

Tap Off or On below Cooling Fan on the screen to enable or disable the fan.

13. Belt Vacuum (On/Off)

Tap Off or On below Belt Vacuum on the screen to enable or disable the vacuum.

14. Operation Modes

Mode	Description
Manual	The shaker operates continuously according to the set parameters, unaffected by sensors.
Automatic	The shaker operates when the sensor detects media. When no media is detected, the belt stops immediately, and dispensing and shaking stop after 10 seconds. Operation resumes automatically when media is detected.
Stop	Dispensing, shaking, and belt movement stop. All other functions continue to operate normally. Tap Automatic to resume automatic mode, or tap Manual to resume manual mode.

Mode selection keys are located in the upper left corner of the screen.

15. Settings Menu

Press and hold the gear icon in the upper right corner to access the settings menu. Available options include language selection, time settings, and more.

16. Auto Standby Heating

When operating in Automatic Mode, if printing stops for 20 seconds (e.g., during cleaning or a temporary break), the standby heating function automatically activates. The temperature decreases by 20°C from the set value. For example, if the set temperature is 100°C, it will maintain 80°C during standby. When printing resumes, the temperature automatically returns to the set value.

Note: This function does not activate in Manual Mode or Stop Mode.

17. Recommended Settings (Reference Values)

Parameter	Setting
Belt speed	Level 30
Shaker speed	Level 15
Powder return speed	Level 15
Front dryer temperature	130°C
Rear dryer temperature	120°C
Front guide plate temperature	60°C

Note: Adjust temperatures according to the melting point of the powder and the material being used. Fine-tune values based on actual operating conditions.

18. Start Operation

After adjusting all settings, begin the shaking and curing process.

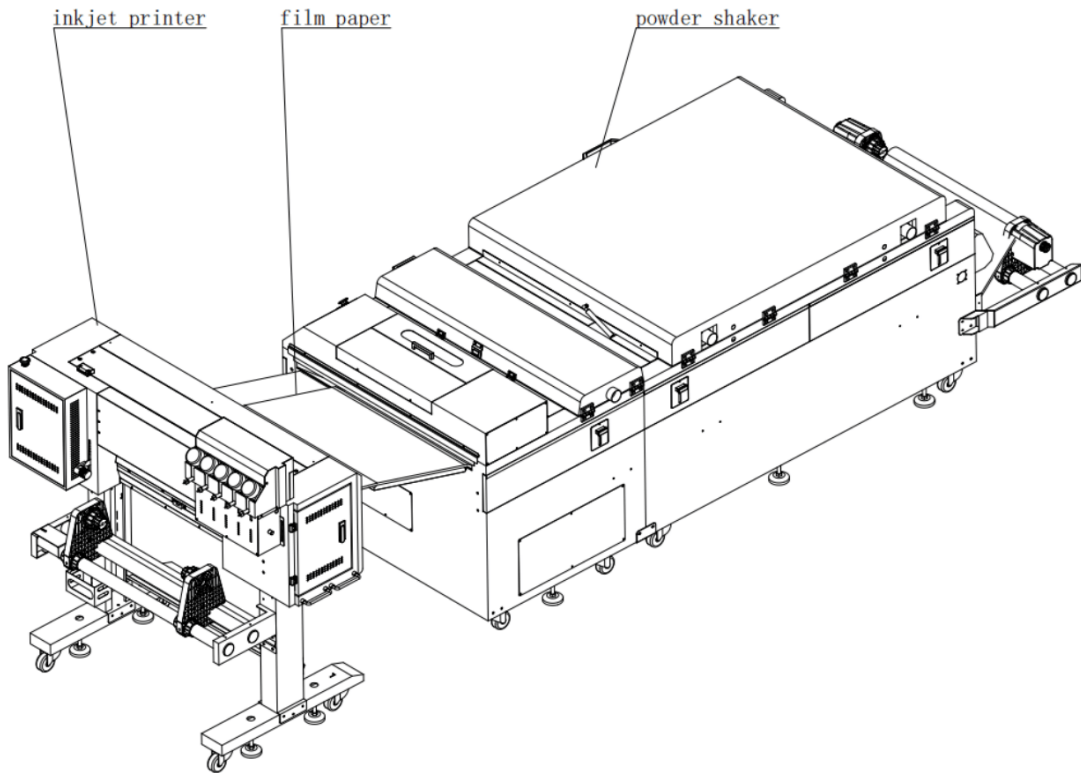
19. Shut Down

After curing is complete, turn off all heating switches.

20. Fire Protection

The machine is equipped with a built-in fire protection system. If a fire hazard is detected, the machine immediately enters fire protection mode.

5. Media Alignment and Powder Application Guidelines



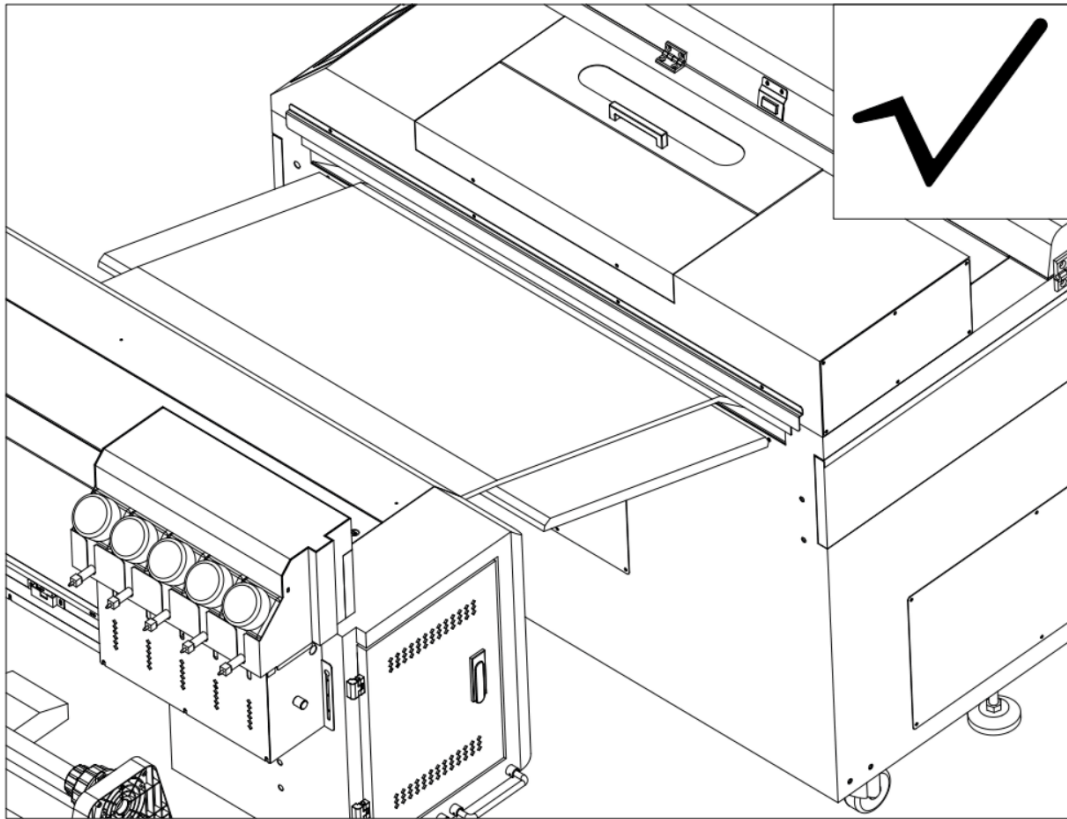
Media Alignment Guidelines

Refer to the operation diagrams above.

- ✓ = Optimal / Recommended
- ✗ = Incorrect
- ○ = Acceptable but not recommended

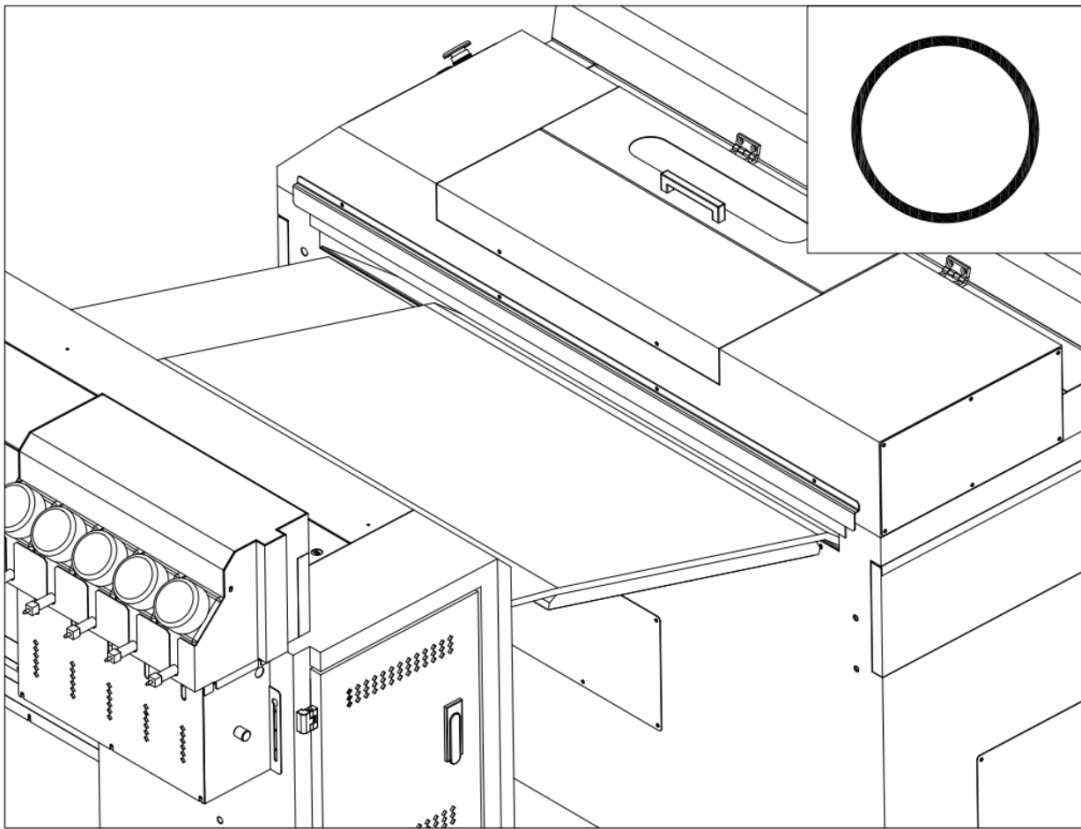
A – Media Centered (✓)

Position the media at the center of the machine. This is the optimal working condition.



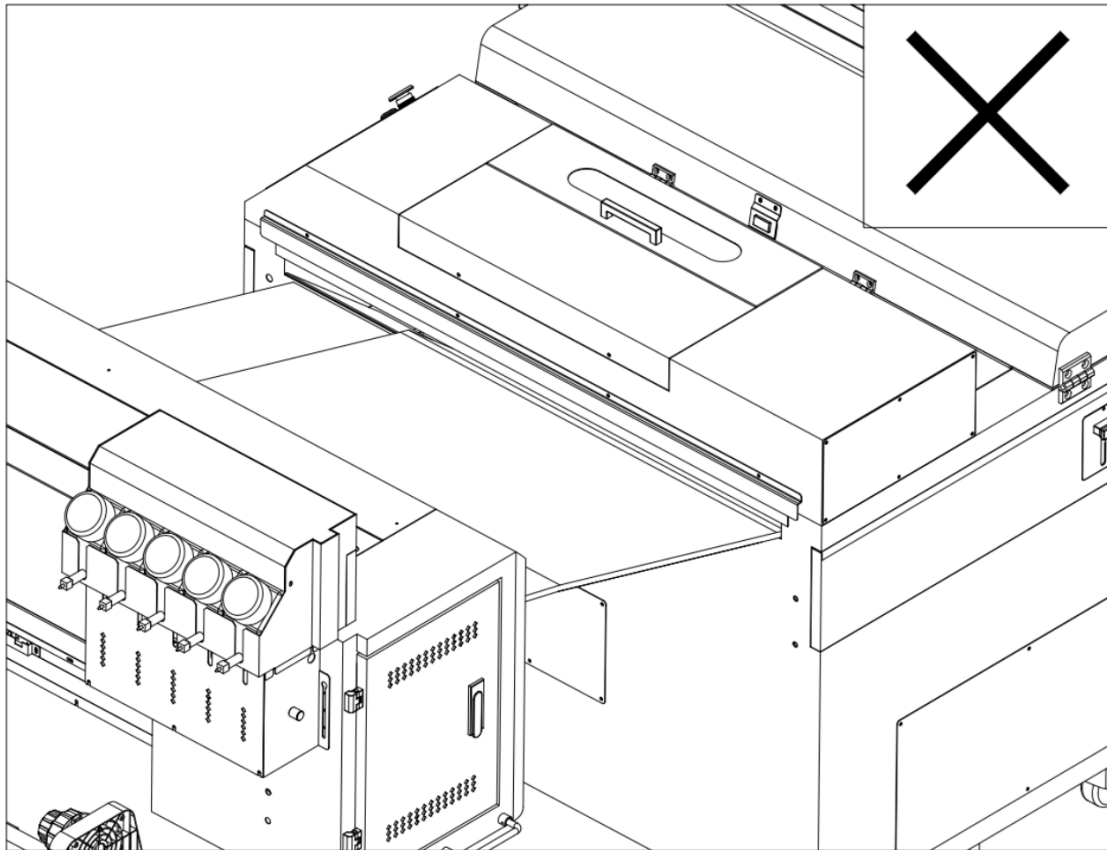
B – Media Flush with Front Heating Plate (○)

The media can be aligned flush with the front heating plate or positioned close to it. However, this configuration may not provide sufficient clearance, potentially allowing part of the media to extend beyond the heating plate. As a result, the extended portion may not receive adequate heating from the front heating plate, which can lead to misalignment and possible defects in the final product.



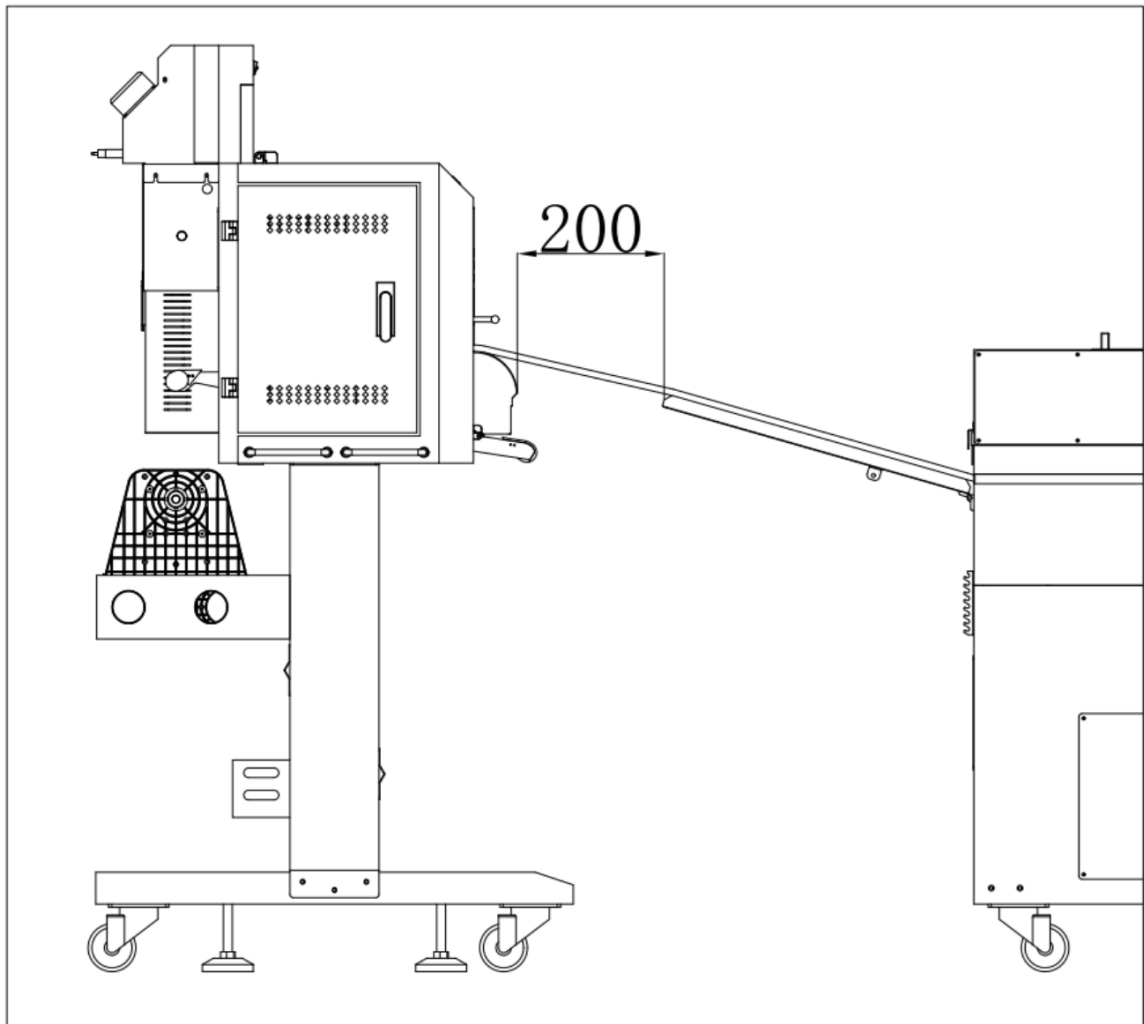
C – Media Extends Beyond Front Heating Plate (X)

This is an incorrect placement. When the media extends beyond the front heating plate, a portion of it does not receive heating from the front heating plate, and the media is already misaligned. This can result in defects in the final product.



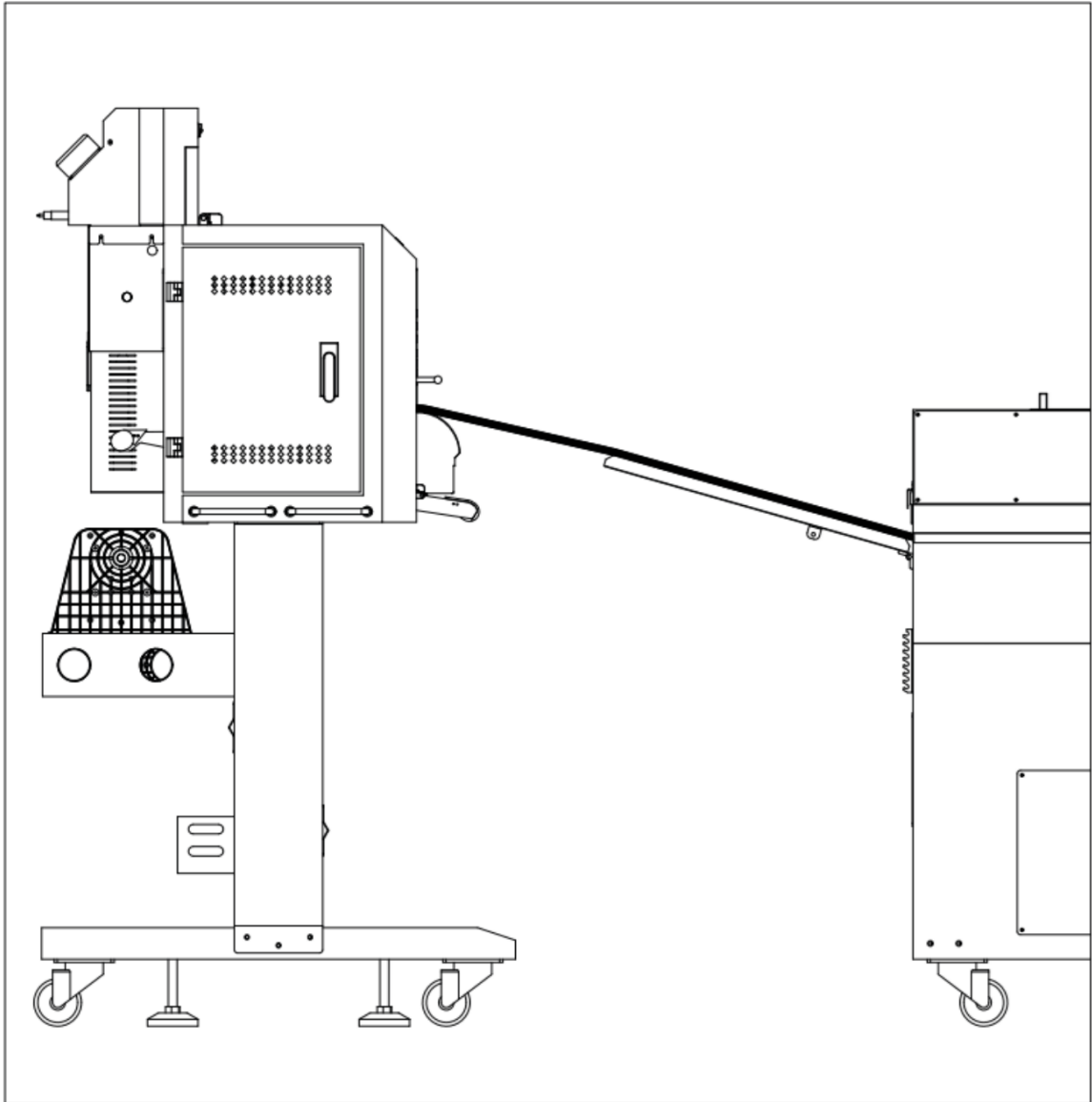
D – Printer-to-Shaker Distance (✓)

Maintain an approximate 200–300 mm gap between the media directly under the printer and the shaker. This is the optimal spacing.



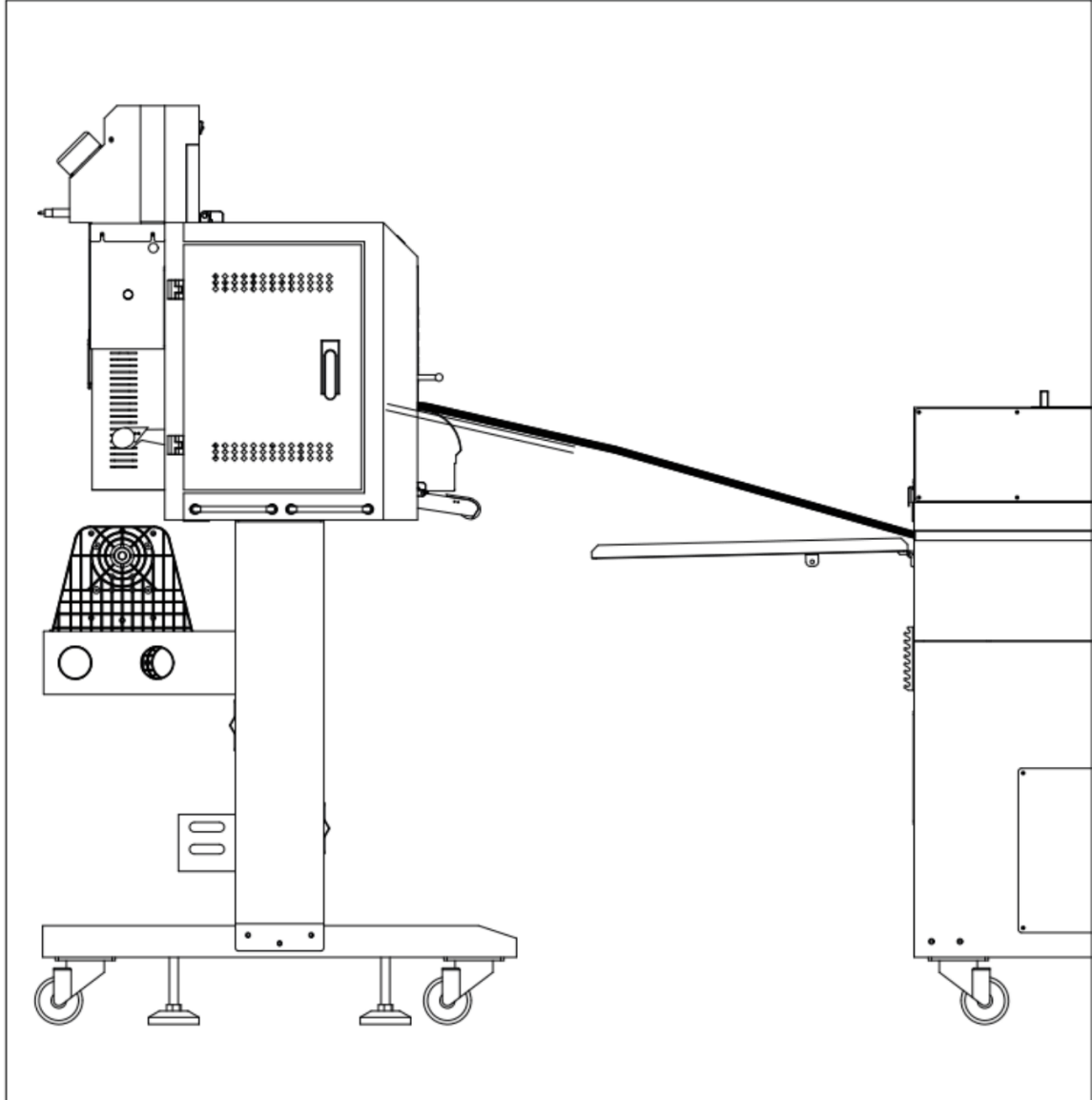
E – Media Tangent to Front Heating Plate (✓)

Position the media so that it is perfectly tangent to the front heating plate. This is the optimal placement and should be used in conjunction with the centered positioning described in A.



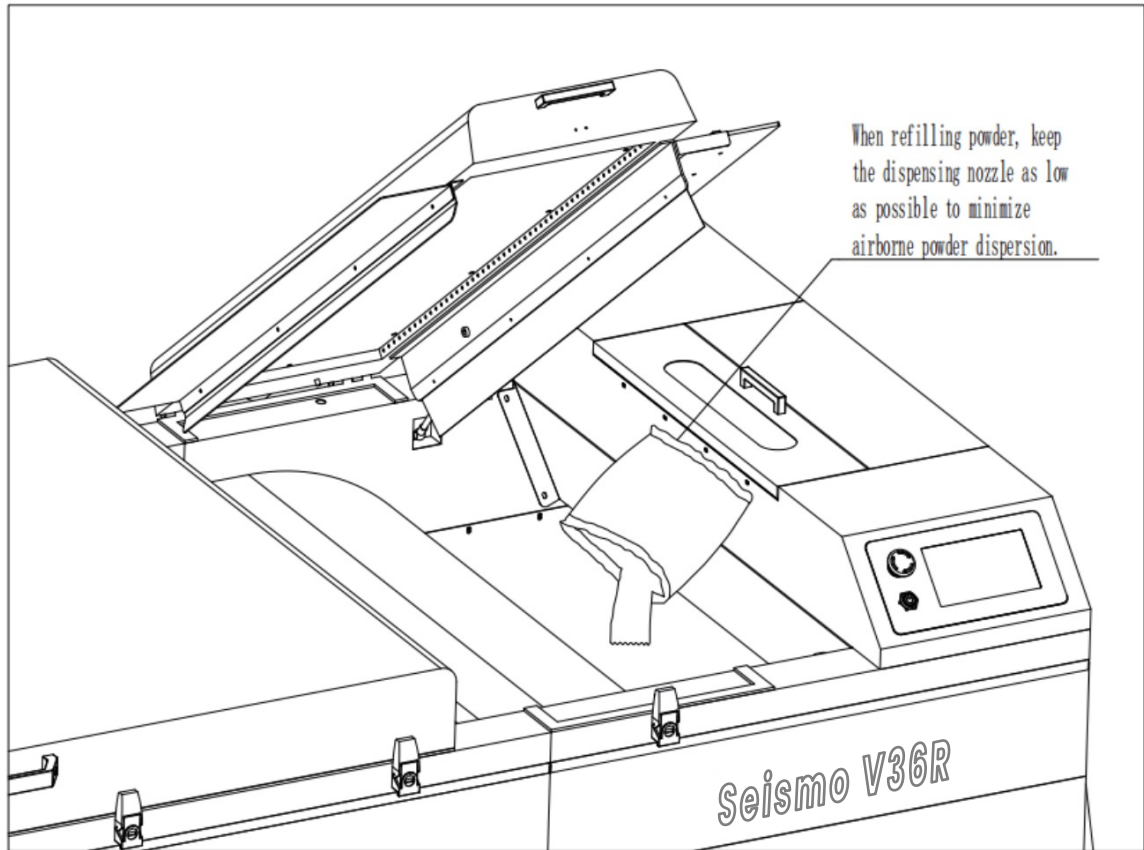
F – Media Not Tangent to Front Heating Plate ($\times$)

If the media is not perfectly tangent to the front heating plate, a portion of the media may not receive adequate heating from the front heating plate, which can result in defects in the final product.

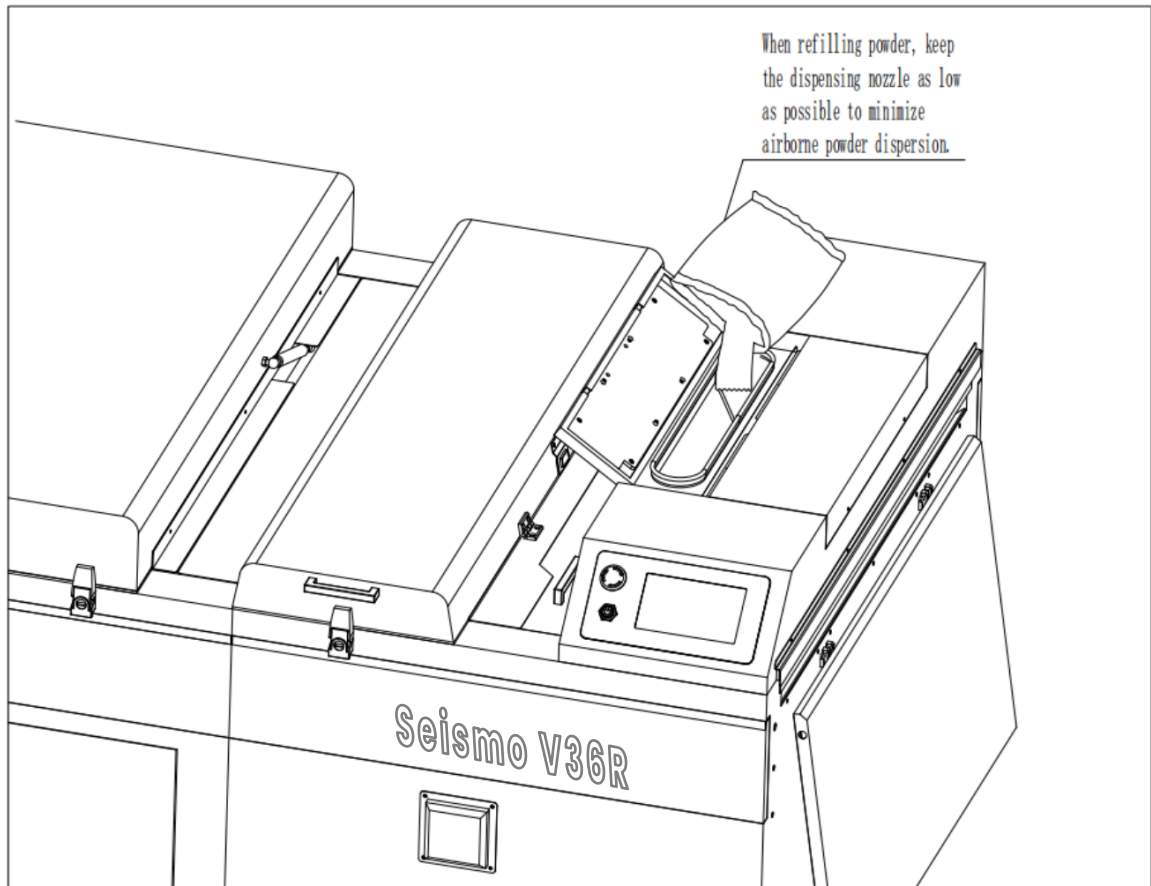


Powder Application

After the media is properly positioned, apply powder manually. Spread the powder evenly over the media using approximately **0.25 kg** of powder.

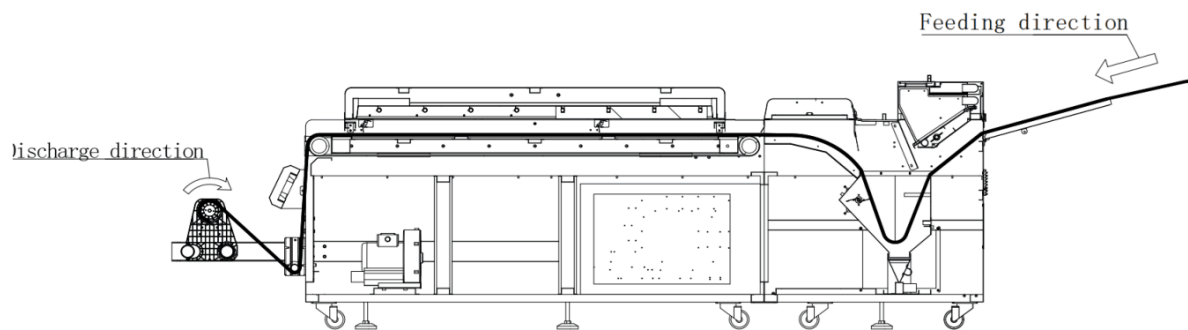


Once manual powder application is complete, open the powder box cover and add powder as needed (maximum powder capacity 3kg).



6. Media Path

1. Guide the film from the feed direction (printer side) into the shaker.
2. The film passes under the powder box, then between the shaking paddle and the platform for curing.
3. After curing, the film exits toward the take-up direction and is wound onto the take-up core

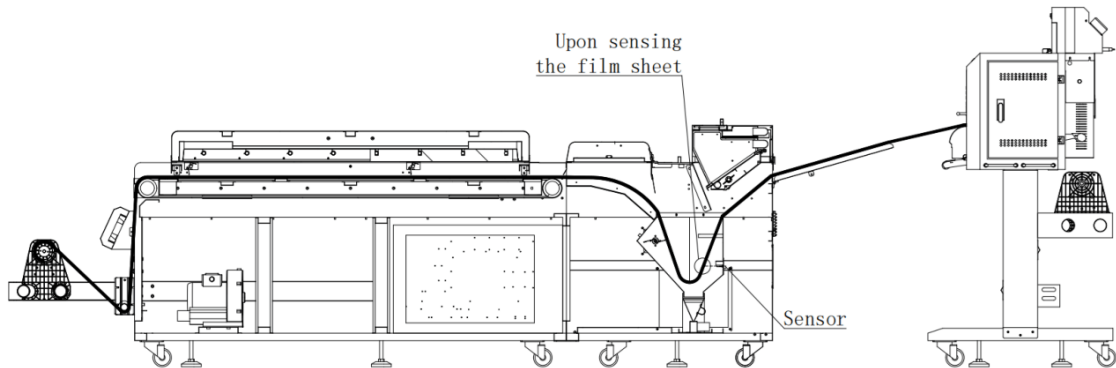


Note:

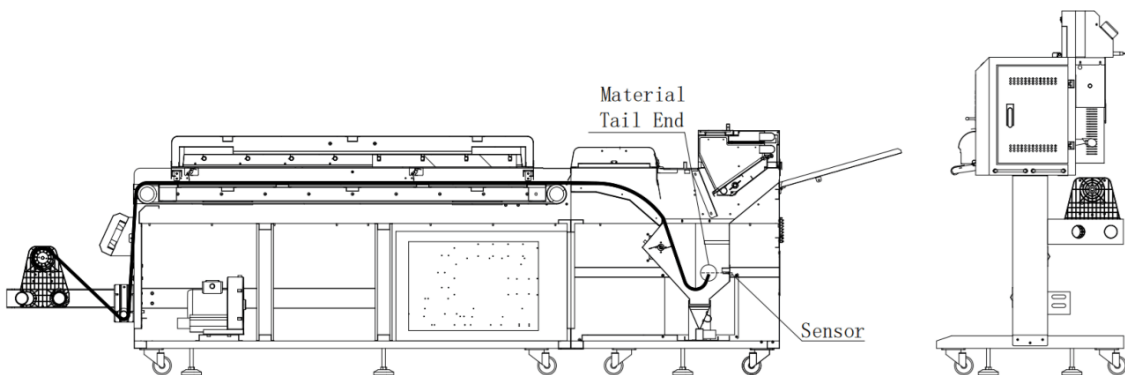
- Ensure the cured film lies flat without obvious wrinkles.
- The edges of the film at both the feed side and take-up side must be aligned.

7. Operation Tips

In Automatic Mode, the sensor must detect the film for the machine to operate.



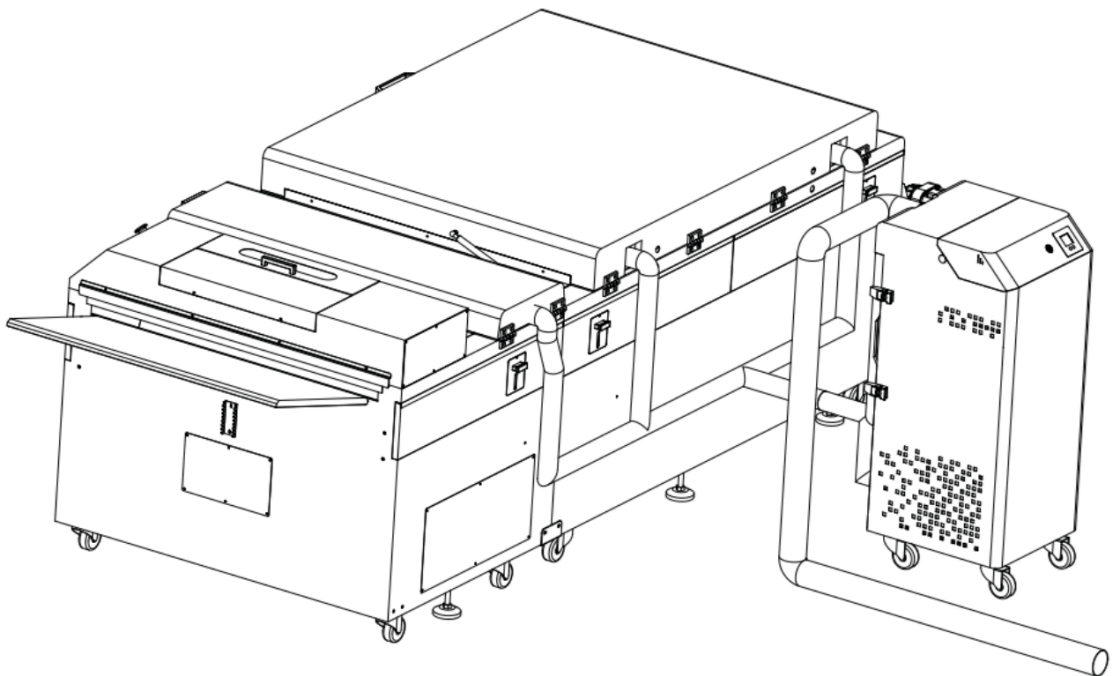
When the roll is running low, the machine will stop. Use Manual Mode to process the remaining film



8. Fume/Smoke Purifier

The machine features three exhaust ports that are connected in series to a single outlet for smoke extraction.

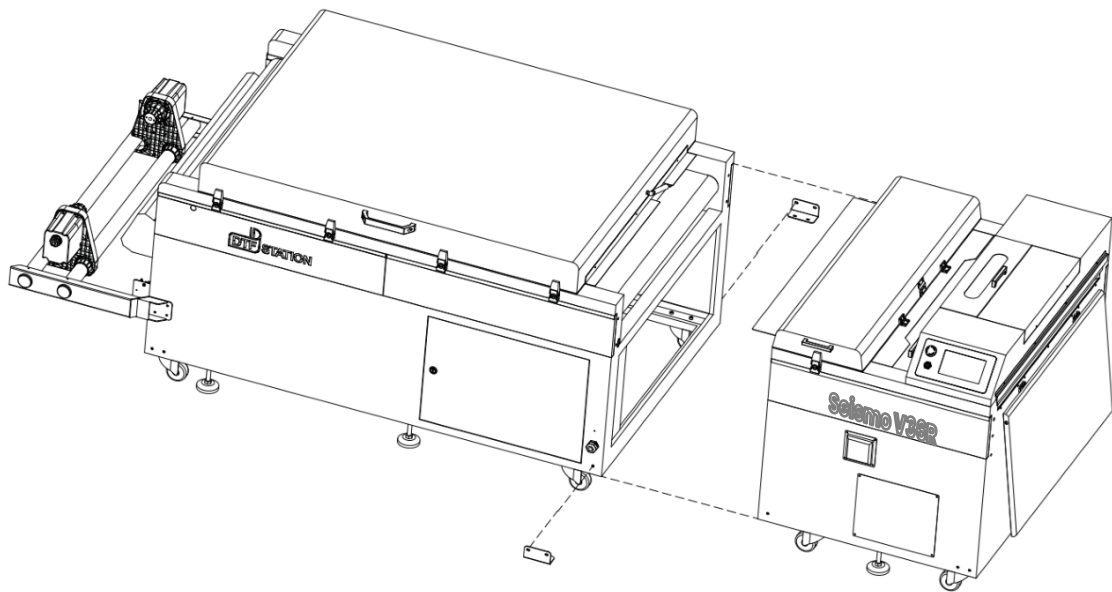
For optimal performance, use the recommended smoke filter from the DTF Station series. If using an alternative model, ensure the extraction capacity is between 36 m³/h and 202 m³/h.



9. Front and Rear Disassembly

Transport Preparation

The machine supports disassembly from both the front and rear for convenient transport. When reassembling, ensure all mounting holes are precisely aligned and all screws are securely fastened.



10. Maintenance Overview

1. Power Off Before Servicing

Disconnect the external power supply before performing any repair or cleaning work.

2. Daily Cleaning – Shaker Chamber

Remove residual powder from the inside of the shaker chamber after each day of operation.

3. Daily Cleaning – Powder Shaking Paddle

Clean the powder shaking paddle to remove residual powder.

4. Daily Cleaning – Control Panel

Wipe any residual powder from the control panel.

5. Daily Cleaning – Media Tension Bar

Clean powder off the media tension bar.

6. Control Box

Clean the control box regularly and keep it dry.

7. Powder Box

At the end of each day, empty the powder box completely to prevent powder from absorbing moisture. Moisture can cause powder clogging or motor failure.

8. Reusing Powder

Before reusing powder, sift it through a 60-mesh screen to remove any contaminants. This prevents clogging of the powder brush and ensures print quality and adhesion strength.

9. Shaker Cover

Keep the shaker cover closed during operation. This prevents powder from entering the belt area and also reduces noise.

10. Smoke Extractor/Purifier

If smoke extraction performance becomes poor, replace the filter.

11. Weekly – Oil Drainage

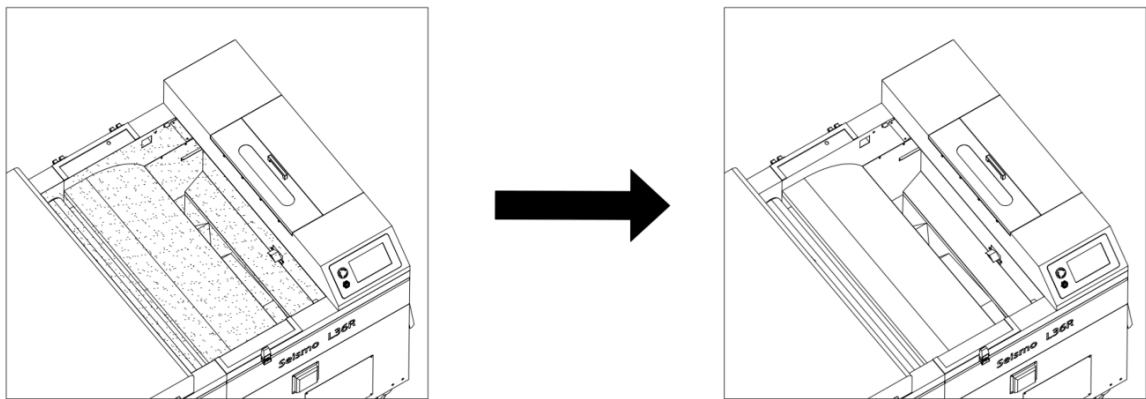
Drain accumulated oil regularly on a weekly or as-needed basis.

11. Maintenance Tips

Cleaning Residual Powder

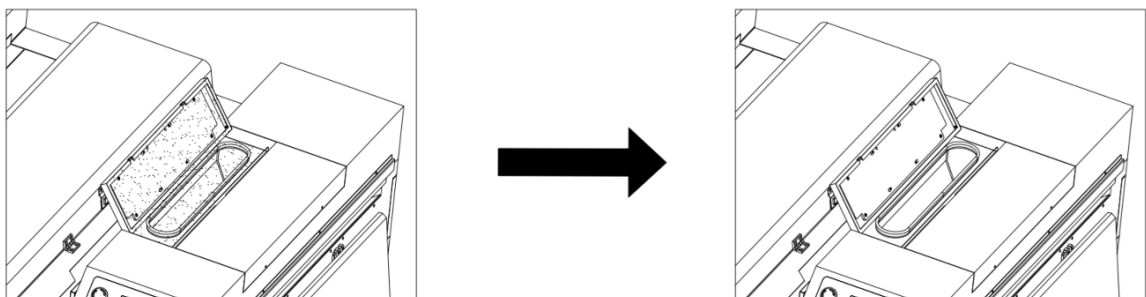
Chamber Area

After each use, clean any residual powder from the internal area to prevent contamination and moisture absorption.



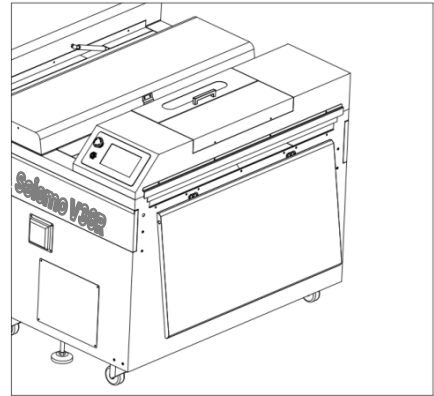
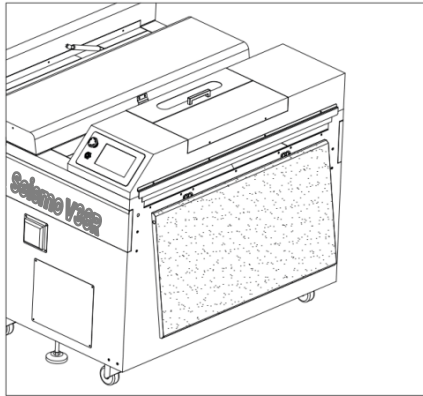
Powder Box Area

After each use, clean the powder box and the rubber seal area to prevent powder from absorbing moisture and causing clogging or air leaking issues.



Front Heating Plate

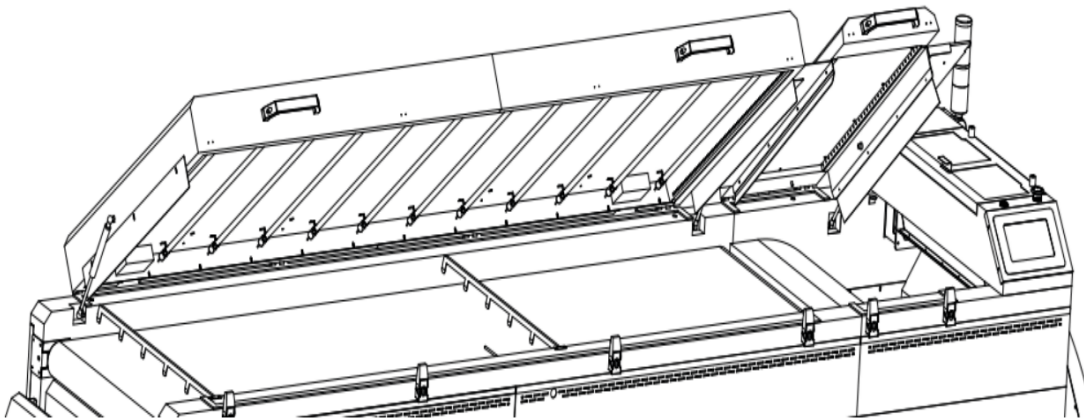
After each use, clean any residual powder from the front heating plate to prevent contamination.



Cleaning Residual Oil

Daily Oil Drainage

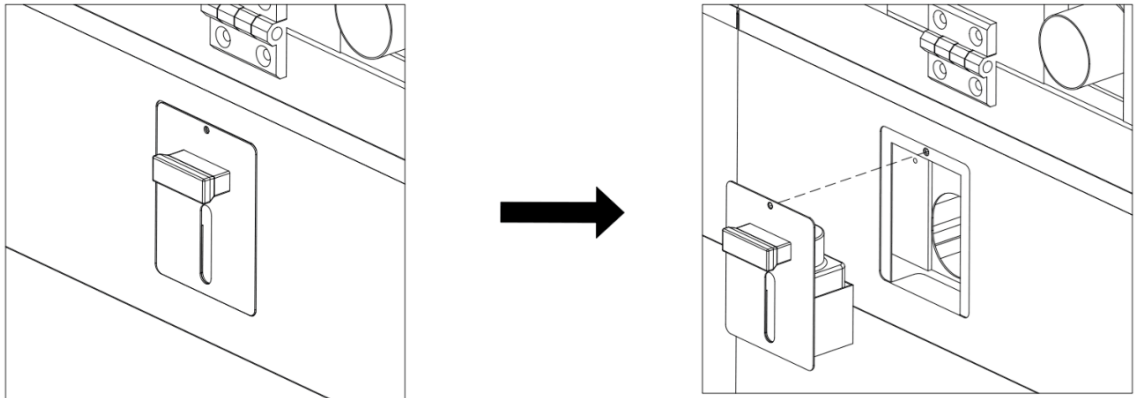
At the end of each day, open the front dryer to allow residual oil on the pipe walls and dryer to flow into the oil collection tray. After 1 hour, close the front dryer. Periodically check the oil collection tray and empty it when necessary.



Oil Tray Removal

Removal Procedure

Loosen the screws and remove the oil collection tray.



Thank you for using this product.