

Powder Filling Machine

USER MANUAL



Models:

F-100
F-200

F-500

⚠️ WARNING

1. Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating.
2. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

GENERAL SAFETY RULES

Important reminder

1. Before use, please carefully read the product manual and ensure that you understand and comply with all safety warnings and usage precautions.
2. Do not use this product for other non-designated purposes to avoid unexpected risks.
3. This product is only applicable to users within the specified age group and scope of application. Please strictly comply with relevant age restrictions and warnings.
4. If there are any abnormalities in the product, please stop using it immediately and contact the after-sales service center for consultation or to arrange for repair.

Environmental requirements for use

1. Please use in a dry and well-ventilated environment to avoid extreme environmental conditions such as water activation, high temperature, high humidity, and extremely low temperature.
2. Avoid direct sunlight or contact with fire sources to prevent product damage or fire.
3. Please ensure a stable usage environment and prevent the product from being hit or dropped to avoid damage.

Safety Operation Guidelines

1. Please use a suitable power supply and voltage, and do not use damaged power cords or plugs.
2. When using this product, do not short-circuit circuits or connect mismatched devices to avoid risks such as electric shock and fire.

3. When foreign objects are found on the surface of the product, please immediately stop using and remove the foreign objects before continuing to use.
4. When using this product continuously for a long time, please rest in good time to avoid excessive fatigue.
5. Do not plug or unplug the power plug with wet hands to avoid the risk of electric shock.

Maintenance and upkeep

1. Regularly maintain and clean the product. Before cleaning, please disconnect the power supply and wipe it with a dry cloth. Be careful not to use alcohol, acid or alkali solutions, etc
2. When the product is not in use for a long time, please disconnect the power supply promptly to save energy and extend the product's lifespan.
3. Do not disassemble the product or replace components on your own. If you encounter any malfunctions, please contact the after-sales service center.

Emergency handling measures

1. When there are abnormal situations or accidents with the product, please stop using it as soon as possible.
If overheating, smoking, or abnormal sound are found, please immediately cut off the power supply and contact the after-sales service center.
2. If the product involves an emergency situation that may harm personal safety, please call the emergency rescue number in a timely manner.

SAVE THESE INSTRUCTIONS

MODEL AND PARAMETERS

Model	F-100-V1	F-100-V2	F-100-V3	F-200-V1	F-200-V2	F-500-V1	F-500-V2
Suitable Particle	Granular and powdered materials. Not floury materials, smooth surface particles			Granular and powdered materials. Not floury materials, smooth surface particles			
Particle Size	$\Phi < 10\text{mm}$			$\Phi < 10\text{mm}$		$\Phi < 20\text{mm}$	
Filling Range	1-99.9g			1-200g		10-500g	
Voltage	AC120 V 60Hz	AC230 V 50Hz	AC230 V 50Hz	AC120 V 60Hz	AC230 V 50Hz	AC120 V 60Hz	AC230 V 50Hz
Power (Max.)	28W	28W	28W	29W	29W	74W	74W

Model	F-999-V1	F-999-V2	F-999-V3	F-3000-V2	F5000-V2
Suitable Particle	Granular and powdered materials. Not floury materials, smooth surface particles			Granular and powdered materials. Not floury materials, smooth surface particles	
Particle Size	$\Phi < 20\text{mm}$			$\Phi < 35\text{mm}$	$\Phi < 35\text{mm}$
Filling Range	10-999g			20-3000g	20-5000g
Voltage	AC120V 60Hz	AC230V 50Hz	AC230V 50Hz	AC230V 50Hz	AC230V 50Hz
Power (Max.)	83W	83W	83W	88W	96W

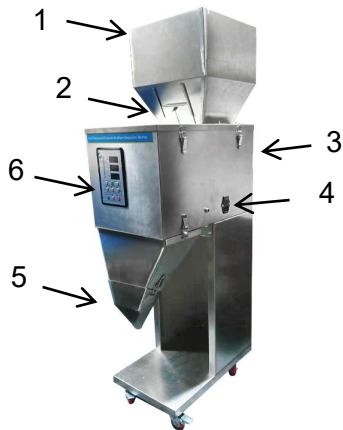
STRUCTURE DIAGRAM

F-100-V1, F-100-V2, F-100-V3 ,F-200-V1 ,F-200-V2 ,F-500-V1 ,F-500-V2



1. Hopper 2. Adjusting Plate 3.Host Machine 4.Outlet 5.Control Panel

F-999-V1, F-999-V2, F-999-V3 , F-3000-V2 ,F-5000-V2



1.Hopper 2. Adjusting Plate 3.Host Machine 4.Power Outlet
5.Outlet 6.Control Panel

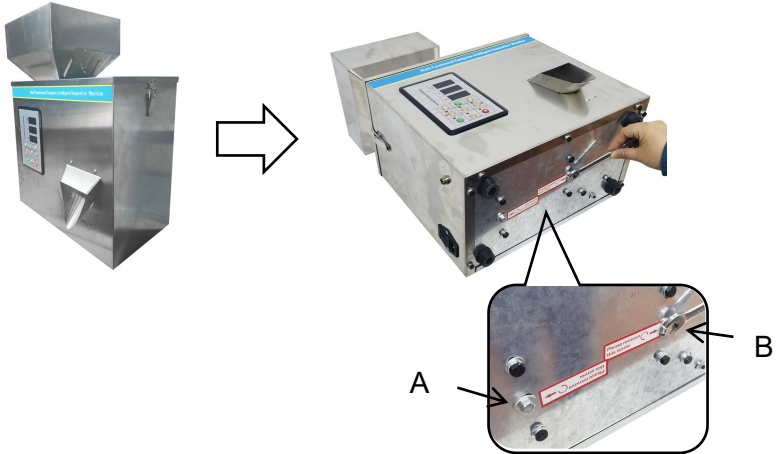
COMPONENTS

Model Parts	F-100-V1 F-100-V2 F-100-V3	F-200-V1 F-200-V2	F-500-V1 F-500-V2	F-999-V1 F-999-V2 F-999-V3	F-3000- V2	F-5000- V2
Powder Filling Machine	×1	×1	×1	×1	×1	×1
Open-end Wrench (10MM)	×1	×1	×1	/	/	/
Open-end Wrench (14MM)	/	/	/	×1	×1	×1
Power Cord	×1	×1	×1	×1	×1	×1
Pedal Switch	/	/	/	×1	×1	×1
User Manual	×1	×1	×1	×1	×1	×1

OPERATING INSTRUCTIONS

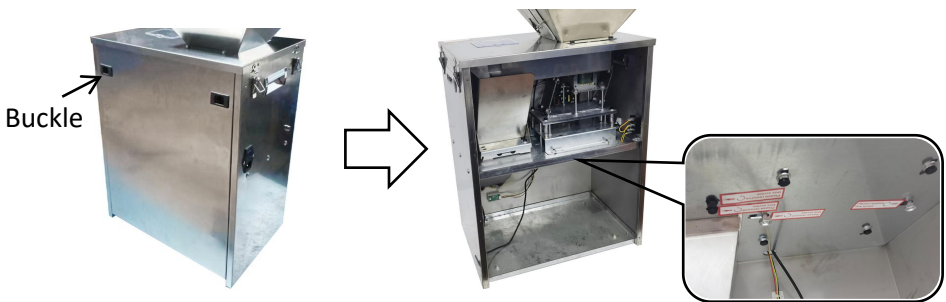
F-100-V1, F-100-V2, F-100-V3 ,F-200-V1 ,F-200-V2

1. Lay the product flat and remove the screws (A,B)according to label instructions as shown .
2. Put the product in a stable position, plug in the power cord, and then you're ready to use.



F-500-V1, F-500-V2:

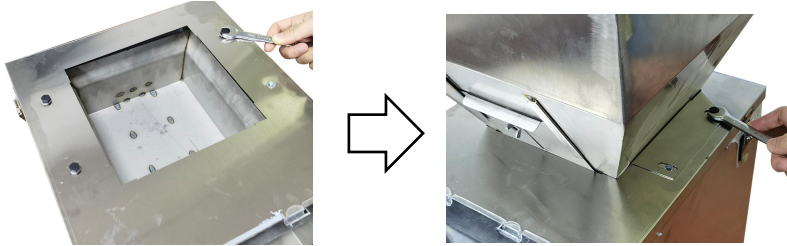
- 1.Open the buckle on the back cover and remove the back cover , and then remove the screws according to label instructions as shown .Put back on the back cover.
- 2.Put the product in a stable position, plug in the power cord, and then you're ready to use.



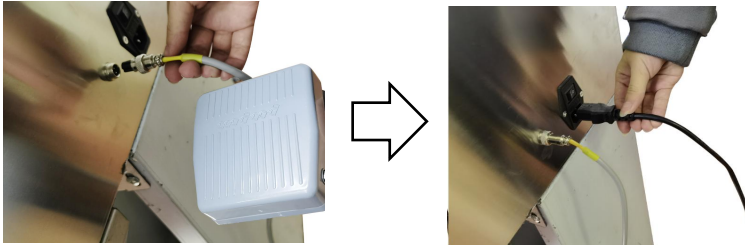
F-999-V1, F-999-V2,F-3000-V2,F-5000-V2:

1. Hopper installation

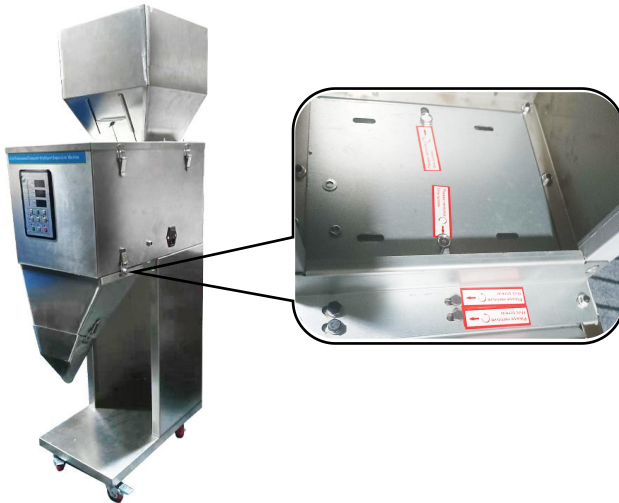
Remove the installed screws. Put the hopper in and lock it with the screws you just removed as shown. (Tips: The side of the hopper with the adjusting plate faces forward)



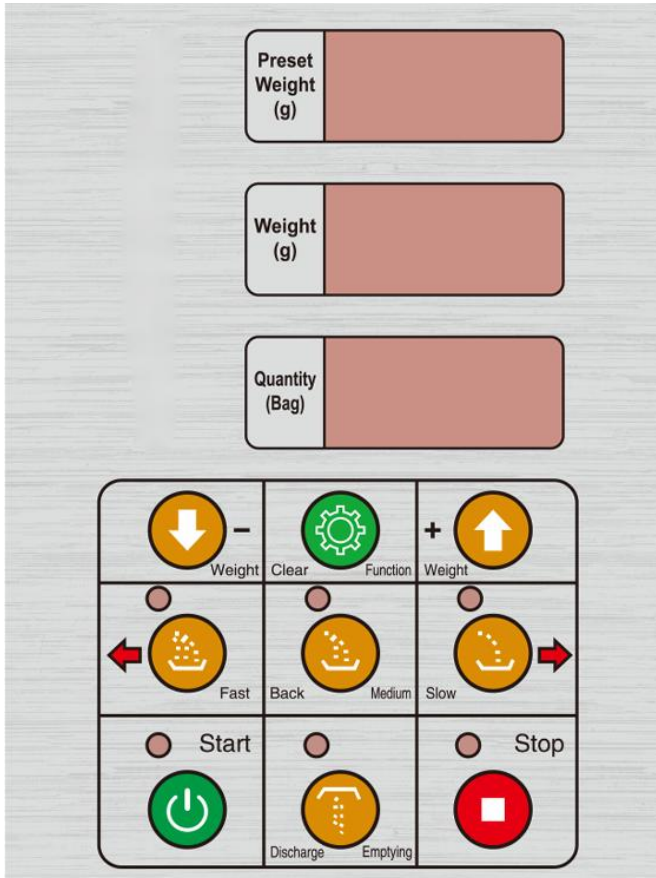
2. Plug in the power cord and pedal switch as shown.



3. Remove the screws according to label instructions as shown

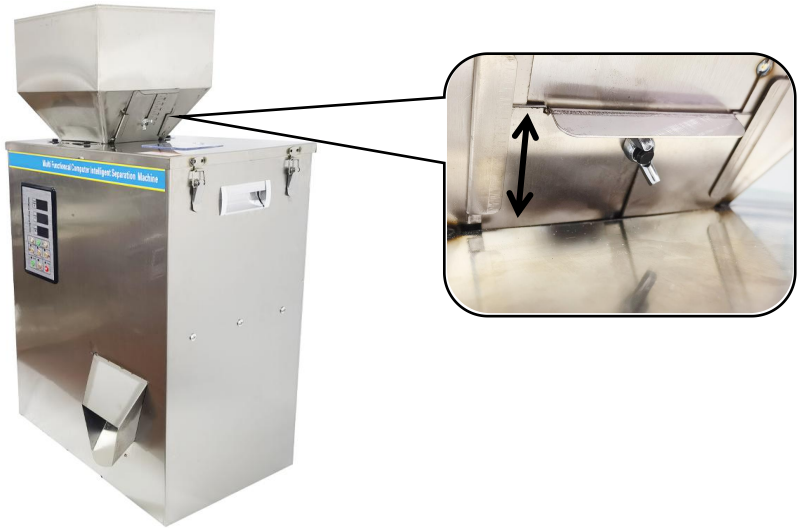


The operating instructions



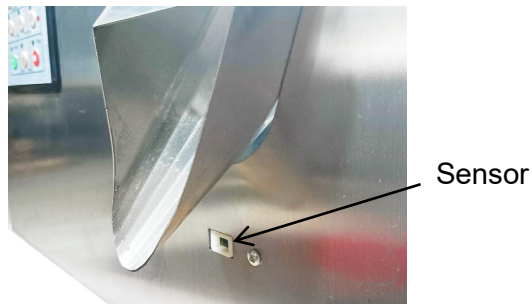
F-100-V1,F-100-V2,F-100-V3 ,F-200-V1 ,F-200-V2,F-500-V1,F-500-V2,F-999-V1, F-999-V2,F-999-V3

1. Turn on the power switch and the machine will makes a sound.The machine is in a standby state at this time.
2. Press "Discharge" and then"Clear" to zero the Weight (g) window display.
3. Set the weight of the material by pressing "Weight +/-"(For example, 08.0 stands for 8 grams).
- 4.Lower the adjustment plate to the lowest position.Load material into the hopper.Press start key. Adjust the position of the adjustment plate according to the need for filling material.



5. Select the desired speed "Fast, Medium, Slow" according to different materials on the control panel.

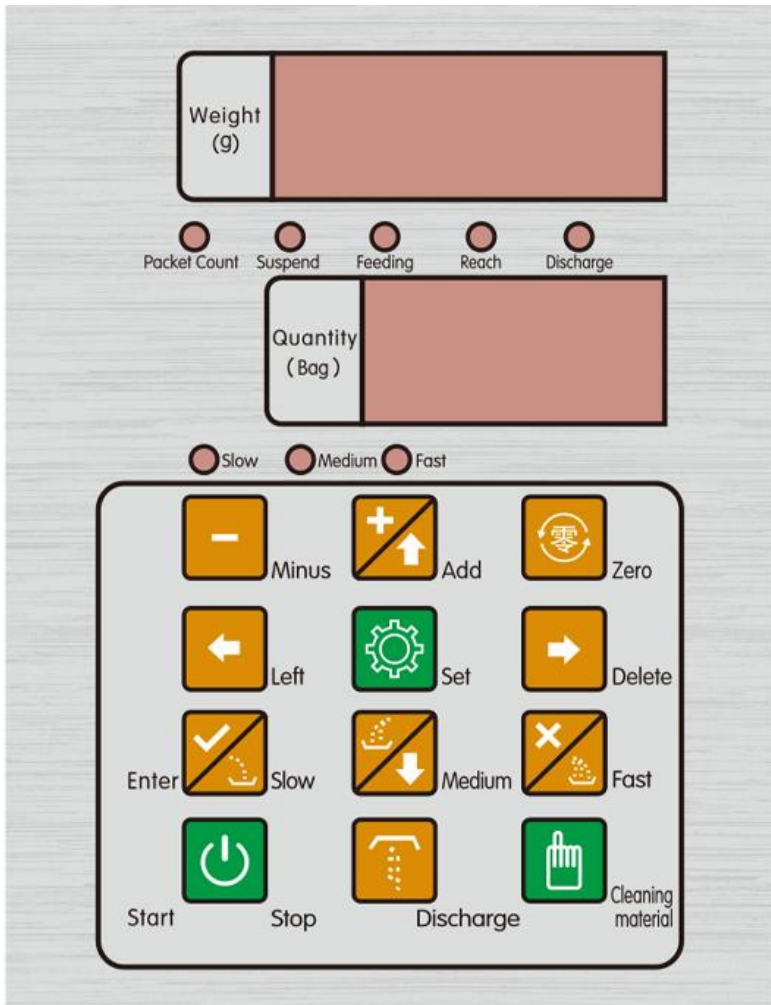
6. Press "Start", the machine starts to work, and when a "tick" is heard, the filling is complete. Place the container into the discharge port to receive the material. (Tips: The container needs to be close to the sensor to trigger it.) The container is removed and the machine performs the next round of automatic filling.



Note:

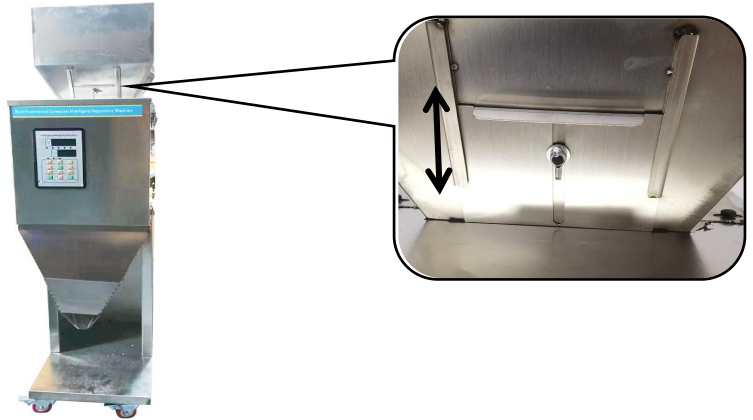
1. To clear, press the "Clear" key.

2. To remove the remaining material, hold down the "Discharge" key for 5 seconds while the machine is stopped. The machine will continue to work, when the material is finished, please press the "Stop" key to stop. (Tips: the adjustment plate should be fully open.)



F-3000-V2,F-5000-V2:

1. Turn on the power switch.
2. Press "Discharge" and then "Zero" to zero the Weight (g) window display.
3. Set the weight of the material by pressing "+/-(For example, 0800 stands for 800 grams).
4. Lower the adjustment plate to the lowest position. Load material into the hopper. Press "start "key. Adjust the position of the adjustment plate according to the need for filling material.



5. Select the desired speed "Fast、 Medium、 Slow" according to different materials on the control panel.

6. Press "Start", the machine starts to work, and when a "tick" is heard, the filling is complete. Put the bag over the discharge port and press the foot switch to automatically discharge the material. After discharging the materials, the machine automatically fills the next round of material.

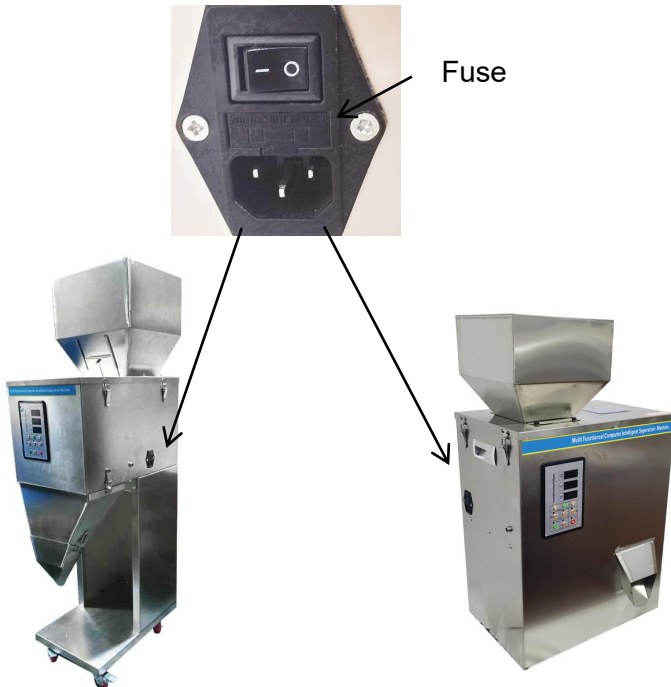
Note:

To remove the remaining material, Press the "Cleaning material" key while the machine is stopped. The machine will continue to work, when the material is finished, please press the "Stop" key to stop. (Tips: the adjustment plate should be fully open.)

MAINTENANCE

- 1.The user shall select a quantitative filling machine of a suitable range according to the said products.
 - 2.The machine contains a precision electronic scale, it is forbidden to be overweight.
 - 3.When in use, please keep the machine level and stable to avoid big vibrations or impact; otherwise, it may cause damage.
 - 4.After use, please clean the material and keep the machine clean
 - 5.When the machine is not in use, please empty the materials and store it in a ventilated and dry place.
 - 6.Please clean the product and the filter in time after each use.
 - 7.Always keep the product outside clean.
- Please store the product in a dry and ventilated place.

If the fuse is damaged, replace it as shown.



TROUBLESHOOTING

Problem	Possible Cause	Possible Solution
The product doesn't work	The power cord is not plugged in properly	Reconnect the power cord
	Fuse failure	Replace the fuse
Abnormal weight display	No material in the hopper	Add material
	Material stuck in the internal weighing bin.	Clean stuck materials
The indicator on the control panel is blinking	The power cord is not plugged in properly	Reconnect the power cord
	The internal wiring of the machine is loose	Find a professional technician to repair
Filling material is slow	Material may be stuck	Clean up stuck materials