

GF-5000 Semi-Automatic Particle Filling Machine - User Manual

1. Machine Overview

- **Model:** GF-5000
- **Operation:** Semi-automatic
- **Filling Capacity:** Up to 5000 grams
- **Material Compatibility:** Granular materials (e.g., seeds, pulses, tea)
- **Construction:** Stainless steel frame
- **Power Supply:** 220V AC, 50Hz
- **Dimensions:** 800 × 500 × 1200 mm
- **Weight:** 120–150 kg
- **Production Output:** Approximately 80 containers per hour

2. Safety Guidelines

- Ensure the machine is on a stable surface.
- Keep hands and clothing away from moving parts.
- Inspect for wear or damage regularly.
- Disconnect power before maintenance or cleaning.

3. Installation & Setup

1. Place machine on flat, stable surface.
2. Connect to power supply.
3. Calibrate filling volume.
4. Load granular material into hopper.
5. Test with a sample container.

4. Basic Operation

1. Power on.
2. Set desired filling weight.
3. Place empty container under nozzle.
4. Activate filling process.
5. Remove filled container and repeat.

5. Maintenance

- Clean hopper and nozzle regularly.
- Lubricate moving parts.
- Inspect electrical components.

- Replace worn parts.

6. Troubleshooting

Issue	Possible Cause	Solution
Inconsistent filling	Improper calibration	Recalibrate
Material leakage	Damaged hopper/nozzle	Inspect and replace
Machine not starting	Electrical issue	Check connections

7. Operational Area

- Small to medium-scale packaging of granular products.
- Suitable for food, agricultural, and chemical industries.