

## *MC-LLB-50L Powder Filling Machine – Semi-automatic Powder Filling Machine*



Maichi is a professional manufacturer of powder, powdered, and fine powder filling machine production lines. We provide one-to-one customized solutions based on different powder material characteristics, featuring high accuracy, dust-free operation, and automated filling. With 26 years of experience in the packaging industry, we help manufacturing enterprises achieve stable production and increase capacity.

This series of packaging machines can complete weighing and filling operations. Due to its unique design, it is especially suitable for packaging powders and granular materials with good flow ability or extremely poor flow ability, such as veterinary medicine, flour, cocoa powder, solid beverages, white granulated sugar, cotton sugar, monosodium glutamate, glucose, solid pharmaceuticals, powdered additives, toner, talcum powder, pesticides, dyes, flavors and fragrances, etc.

1. Full stainless steel structure; modular or open-type transparent hopper, easy to disassemble and clean without tools.
2. Servo motor and servo drive control the screw.
3. PLC control with touch screen human-machine interface, easy to operate.
4. Designed with weighing feedback specific-gravity tracking, overcoming weight variation caused by changes in material density.
5. Product parameter recipes can be stored for later use, supporting up to 10 recipes.
6. By replacing screw accessories, it can adapt to various materials ranging from ultra-fine powder to small granules.

## Equipment Parameters

- Model : MC-LLB-50L
- Hopper : Modular transparent hopper 50L
- Filling Weight : 500g–1000g (for 50–100g, an additional small screw is required)
- Filling Accuracy :  $\leq 100\text{g}$ :  $\pm 2\%$  ;  $100\text{--}500\text{g}$ :  $\pm 1\%$  ;  $\geq 500\text{g}$ :  $\pm 0.5\%$
- Filling Speed : 20–40 times/min
- Power Supply : 3P AC208–415V 50/60Hz
- Total Power : 3kW
- Machine Weight : 260kg