

MCZD-25F Powder Packaging Machine



Maichi Packaging Equipment is a professional manufacturer of 25kg powder packaging machines and fully automatic 25kg packaging machines. Our equipment is capable of packaging a wide range of materials, including pigments, iron powder, carbon powder, fish meal, mortar, aggregates, lime powder, premixes, dyes, carbon black, stone powder, mineral powder, master batch, ammonium sulfate, fill sand, chemical powders, titanium dioxide, graphite, stearic acid, calcium carbonate, cellulose, and more.

Pigments, iron powder, carbon powder, fish meal, mortar, aggregate, lime powder, premix, dyes, carbon black, stone powder, mineral powder, master batch, ammonium sulfate, foundry sand, chemical powders, titanium dioxide, precipitated silica, potassium chloride, laundry detergent, ammonium sulfate, bleaching powder, cobalt oxide, brightener, organic fertilizer, toner powder, graphite, carbon black, stearic acid, calcium carbonate, cellulose, etc.

Equipment Introduction:

Suitable for packaging heavier materials, with strong stability, and adaptable to high-load working environments.

1. Automatic packaging machine that can achieve automatic measurement, automatic bagging, automatic filling, and automatic heat sealing, all without manual operation. Saves human resources and reduces long-term cost investment. It can also work with other auxiliary equipment to complete a full production line operation.
2. The weighing machine uses vertical screw feeding, consisting of a single screw. The screw is directly driven by a servo motor to ensure the speed and accuracy of measurement. During operation, the screw rotates to feed according to control signals; the weighing sensor and weighing controller process the weighing signals and output weight display and control signals.

3. This machine set consists of a bag storage library, bag picking and arranging device, bagging robotic arm, bag-clamping discharging device, bag-holding pushing device, bag mouth guiding device, vacuum system, and control system; it uses bag extraction from the bag storage library, bag centering and positioning, forward bag feeding, bag mouth positioning, pre-opening the bag, and the bagging robotic arm inserting a knife into the bag mouth, while both sides use air grippers to hold the sides of the bag mouth, and finally bagging.

Equipment Parameters:

- Model: MCZD-25F
- Feeding Method: Single screw feeding
- Packaging Weight (kg): 5–25
- Packaging Accuracy: $\leq \pm 0.1-0.2\%$
- Packaging Speed (bags/min): 1.5–2
- Bag Size (mm): L: 500–1000
- Bag Material: Kraft paper laminated bags, woven bags, plastic bags, woven bags, etc.