



SM-300 Automatic Rotary Filling Machine



- Designed for high production automatic filling various powder and granular products into plastic bottle and sectional bottle with plug insertion and cap sealing function. Applicable products include bottled medicine and Chinese herbs powder... etc.
- Range of filling and metering: 1-50 g. (Easy to change capacity by simply changing the auger).

Product Feature

- SM-300 Automatic Rotary Filling Machine is designed for filling various kinds of powder or granular products into bottles precisely with high speed, such as herbal powder, powdered medicine, seasoning powder, chemical powder etc. It is available to connect with plug insertion, capping machine and other equipment to complete the integral line system.
- It is suitable for metering and filling a wide range of free flow or non-free flow powdered products.
- It can reach the weight range from 1~50 g by simply changing auger shafts without any tools.
- Auger shaft is made of stainless steel, and based on one-piece integral processing to ensure the accurate of measurement. Metering tolerance is within $\pm 1\sim 3\%$.
- All material contact parts are made of stainless steel (Standard type 304 / Optional type 316).
- Rotary auger filling system operates continuously with bottles guided through movements of starwheel components, to finished lead-in, lift-up, vibration, fill-in etc. All movements during production work fast and smoothly to reach the high speed output.

- With self- diagnostic device, rotary auger filling system is able to stop operations automatically while any error occurs. Meanwhile, it will trigger alarm and show the event on HMI touch screen.
- With bottle detection device, it is able to stop filling while there has no bottle. It also can stop operation while bottle jammed occurs.
- HMI touch screen for operational control. It has 10 sets of memory modules for memorizing different kinds of products and filling weights. Simply enter the code number to change production modules.
- Customized design and fabrication of the production line system is available.

Product Specification

Model	SM-300
Machine Size	L: 2000 × W: 1150 × H: 2100 mm
Machine Weight	1050kg
Filling Speed	60-80 bottles/min (Vary with different products, and filling weight.)
Power Required	220V, 3Ø, 7.5HP, 50/60Hz
Air Pressure	6-8 kg/cm ²