



Auto Auger Screw Power Filling Machine for Bottle/Jar/Box



All the work of measuring, filling can be done automatically. The machines have special design, so that especially suit for filling the power which is easy flow or poor liquidity. Such as: veterinary drug, sugar, solid chemical, spice, talcum powder.

The shell of the machine all made by stainless steel except electrical machine. Use Combined-type transparent material box so that it is easy to washing without tool and take apart. The whole machine use servo motor, with the advantage of not easy to wear, accurate positioning, can set speed and stable performance. The machine use PLC screen controller have the advantage of work smoothly, anti-interference, and weighing precision.

Optional:

For the easy flow powder we add Centrifugal Device to guarantee the precision. For the full of dust powder we can add dust suction installation to sucking the jet dust.

Characteristics:

1. Material filling mouth has automatic lock mechanism, to prevent material leakage.
2. The hopper is specially made with a cover and a mixer in it to prevent dust and make the powder even.
3. The metering system is adjustable auger, which is driven by servo motor, with quick speed and high filling accuracy.
4. PLC+ Weinview touch screen control system: easy adjustment and easy operation. It also can save the parameters for later use.
5. Online electronic scale system can track & weight the powder gram automatically, ensure the filling accuracy.

6. PLC---Siemens (Germany) Touch screen— Weinview (Taiwan) Photocell sensor—Omron (Japan) Servo motor—Zhongda (Shanghai) Cylinder—AirAc (Taiwan)
7. Replace spiral accessories, can adapt to the superfine powder and the small particles and many kinds of materials.
8. The surface of whole machine is made by stainless steel 304. Knockdown transparent hopper is easy cleaned.

Parameter:

Powder filling machine	1 head filling nozzles
Packaging Weight	1 L(customize)
Metering Mode	Auger screw filling
Accuracy	10-100gr $\leq \pm 1\%$ / 100- 500g $\leq \pm 0.8\%$ / 500-3000gr $\leq \pm 0.5\%$
packaging Speed	600-800 bottles/hour
Power Supply	3p380V 50-60Hz
Total Power	1.5Kw
Total Weight	300Kg
Overall Dimensions	2000*800*1850mm
Hopper Volume	22L