

Automatic Auger Bottle Filling Machine SP-L1BW



This model is designed mainly for the fine powder which easily to spout dust and high-accuracy PACKAGING requirement. Can measuring and filling powder and granular. It consists of the Weighing and Filling Head, an independent motorized chain conveyor mounted on a sturdy, stable frame base, and all necessary accessories to reliably move and position containers for filling, dispense the required amount of product, Based on the feedback sign given by below weight sensor, this machine do measuring, two-filling, and up-down work, etc. It is specially suitable for filling additives, carbon powder, dry powder of fire extinguisher, and other fine powder which needs high packaging accuracy.

Main features:

- Platform equip with load cell to handle two speeds filling as per preset weight. Featured with high speed and accuracy weighing system to guarantee the high packaging accuracy.
- Servo motor does up-down work driving with tray together, the up-down rate can be set randomly, no dust spouts out when filling.
- With servo motor and servo drive controlled auger, perform stably, and with high accuracy.
- PLC control, touch screen display, easy to operate.
- Made of stainless steel, combined hopper or split hopper, easily to be cleaned.
- With handwheel to adjust the height, easy to fill many kinds of weight.
- With fixed screw installation, the material quality won't be effected.
- Process: Container in → container raise → fast filling, container declines → weight reaches the pre-set number → slow filling → weight reaches the goal number → container out.
- Two filling modes can be inter-changeable, fill by volume or fill by weight. Fill by volume featured with high speed but low accuracy. Fill by weight featured with high accuracy but low speed.

Technical Data:

Dosing mode	With online weighing and container lift-fall function
Filling weight	100g – 10kg
Filling Accuracy	100-1000g, $\leq \pm 2g$; >1000g, $\leq \pm 0.2\%$
Filling Speed	5 – 12 bottles per min
Power Supply	3P AC208 – 415V 50/60Hz
Air Supply	6 kg/cm ² 0.05m ³ /min
Total power	3.2Kw
Total Weight	450kg
Overall Dimensions	2000×970×2300mm
Hopper Volume	56L