

DCS-5B series Automatic Powder Filling Machine with Weigher



This model is designed mainly for the fine powder which easily to spout dust and high-accuracy packing requirement. Based on the feedback sign given by below weight sensor, this machine do measuring, two-filling, and up-down work, etc. It is especially suitable for filling carbon powder, dry powder of fire extinguisher, and other fine powder which needs high packing accuracy.

Features

- Weight sensor is below the tray, to do fast filling and slow filling based on the pre-set weight, 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 filing.
- With servo motor and servo driver control auger, perform stably, and with high accuracy.
- PLC control, touch screen display, easy to operate.
- Made of stainless steel, combined 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: put bag/can(container) on the machine ---- container raise ---- fast filling, container declines ---- weight reaches the pre-set number ---- slow filling ---- weight reaches the goal number ---- take the container away manually.

Note: the pneumatic bag-clamp equipment and can-hold set is optional, they are suitable for can or bag filling separately.

Technical Parameters

Model	DCS-5B-1	DCS-5B-2
Feeding Mode	100g-10kg	1-50kg
Filling Weight	100-1000g, $\leq \pm 2g$; >1kg, $\leq \pm 0.1-0.2\%$	$\leq \pm 0.1-0.2\%$
Filling Rate	5-30 times/min	5-25 times/min
Power Supply	3P AC 208-415V 50/60Hz	3P AC 208-415V 50/60Hz
Total Power	2.2kw	2.7kw
Total Weight	350kg	400kg
Overall Dimensions	1000x850x2300 mm	1100x950x2500 mm
Hopper volume	70L	100L