



## *DCS-1B Semi - Automatic Powder Auger Filling Machine*



Pneumatic bag clamber and 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: 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.

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 Date

Packing Weight	1kg-50kg
Packing Accuracy	1–20kg, $\leq \pm 0.1-0.2\%$ , >20kg, $\leq \pm 0.05-0.1\%$
Packing Speed	2 - 8 time per min
Power Supply	3P AC208 - 415V 50/60Hz
Air Supply	6kg/cm <sup>2</sup> 0.1m <sup>3</sup> /min
Total Power	3.0 Kw
Total Weight	500kg
Overall Dimension	1125×975×3230mm
Hopper Volume	100 L