

LQ-BLG Series Semi-auto Screw Filling Machine



LG-BLG series semi-auto screw filling machine is designed according to the standards of Chinese National GMP. Filling, weighing can be finished automatically. The machine is suitable for packing powdery products such as milk powder, rice powder, white sugar, coffee, monosodium, solid beverage, dextrose, solid medicament, etc.

The filling system is driven by servo-motor which have the features of high precision, large torque, long service life and the rotation could be set as requirement.

The agitate system assemble with the reducer which is made in Taiwan and with the features of low noise, long service life, maintenance-free for all its life.

Feature

1. The whole machine is made of 304 stainless steel in addition to the servo motor and other accessories which completely meet the requirement of GMP and other food sanitation certification.
2. HMI using PLC plus touch screen: PLC has better stability and higher weighing precision, as well as interference-free. Touch screen result in easy operation and clear control. Human-computer-interface with PLC touch screen which have the features of stable working, high weighing precision, anti-interference. The PLC touch screen is easy to operate and intuitive. Weighing feedback and proportion tracking overcome the disadvantage of the package weight changes due to the material proportion difference.
3. The filling system is driven by servo-motor which have the features of high precision, large torque, long service life and the rotation could be set as requirement.
4. The agitate system assemble with the reducer which is made in Taiwan and with the features of low noise, long service life, maintenance-free for all its life.
5. Maximum 10 formulas of products and adjusted parameters can be saved for later using.

6. The cabinet is made in 304 stainless steel and fully closed with visual organic glass and air-damping. The activity of the product inside the cabinet could be seen clearly, the powder will not leak out of the cabinet. The filling outlet is equipped with the dust-remove device that can protect the environment of the workshop.

7. By changing the screw accessories, the machine can be suitable for multiple products, no matter super fine powder or large granules.

Technical Parameter:

Model	LQ-BLG-1A3	LQ-BLG-1B3
Metering Mode	Auger rotation filling traced by weighing feedback	
Packing Weight Range	1-500g	10-5000g
	The screw attachment	The screw attachment
	should be changed	should be changed
Filling Accuracy	±0.3-1%(According to packing weight and product specifications)	
Hopper Volume	26L	50L
Production Capacity	20-60bags/min	15-50bags/min
Total Power	1.3kw	1.8kw
Power Supply	380V/220V 50-60HZ	
Overall Dimensions	850*750*1900mm	1000*1300*2200mm
Net Weight	150kg	260kg