

TM-F400L Coffee Capsule Filling Sealing Machine



The automatic coffee capsule packaging machine is suitable for packing all kinds of coffee, such as Keurig K-CUP, Nespresso, Dolce Gusto, Lavazza, etc. With the highest level of quality, the machine has achieved the highest speed of 50 times per minute in China now. Combined world advanced technology with our company's upgrade technology, the machine has got multiple patents. It is well-welcomed by customers at home and abroad.

Feature

1. It adopts the leak-proof type servo screw for high precision of filling, and the highest precision can be 0.05 g in the stable test, which is the most advanced level all over the world. All parts contacting with products is made of SS304. (Patented design, counterfeiting is not allowed!)
2. The completely powder sucking device developed by our company can achieve nearly 100% no dust on rim. (Patented design, counterfeiting is not allowed!)
3. The mould plate and mould hole cleaning device adopt the wear resistant brush, which is driven by the motor to rotate for cleaning them. That can ensure the cleanliness of the whole mould plate and mould hole, as a result, there is no residual dust on the packed finished product.
4. The whole machine adopts the meter box driven by the imported motor to drive the mould chain plate to run. The storage cup conveyor belt is driven by the mechanical connecting rod device at the same time, the cup is taken by the mechanical arm, the dust on the cup rim is cleaned by vacuum, and the finished product is pushed to the conveyor belt. The synchronous drive is achieved through a motor, and the machine can achieve synchronous operation. Not only does it have high speed, but also it will have a longer service life.
5. The machine adopts the integrated mechanism of the sealing and cutting device which are controlled by the servo system. Such unique design where the two devices are contained inside the machine frame saves a lot of room for customers.
6. The whole machine is equipped with detection devices. If there is no cup, it won't fill; and if there is no film, it won't seal.

7. The independent control sealing device developed by our company can guarantee a tight and elegant seal. Meanwhile, if there is one place goes wrong, other parts of the machine can continue to run normally.

Machine Technical Parameter

Model	TM-F400L
Material	Ground coffee
Production capacity	(40-55)*4 pieces/min
Filling method	Servo drive screw for filling
Filling Weight	0-20g
Filling Accuracy	±0.05g
Power supply	3 Phase 220/380V 50/60HZ 5kW
Air Supply	≥0.6Mpa
Machine weight	1500Kg
Machine dimension	3600*900*2000 mm