

Sauce Cup Filling Machine



It uses imported electrical components and pneumatic components, which can operate stably for a long time and reduce shutdown and maintenance time. The material is 304 stainless steel and anodized alumina. It can also operate in harsh environments such as humidity, steam, oil, acid and salt. The fuselage can be washed with water. The automatic cup filling and sealing machine can automatically drop the cup, detect the cup, automatically fill, automatically vacuum, seal the film cup, automatically cover and automatically discharge. The production capacity of the machine can refer to the number of different molds, from 1800 to 2000 cups per hour, which can be used by food and beverage factories. Its automatic control system consists of PLC, touch screen, servo system, sensor, solenoid valve, relay, etc. Its pneumatic system includes valves, air filters, instruments, pressure sensors, solenoid valves, cylinders and silencers.

Ten Competitive Edges of Our Sauce Cup Filling Machine:

1. The servo motor is equipped with a gearbox for the step-by-step operation of the cup mold. The servo motor can start and stop at a uniform speed, can be positioned accurately, and can quickly move the filled cup to prevent material splashing.
2. The machine uses screw separation pressing technology, which can eliminate the damage and deformation of the cup. It has a vacuum suction cup, which can guide the cup into the mold precision.
3. The machine uses photoelectric sensor or optical fiber sensor to detect whether there is an empty cup in the mold. When there is no empty cup in the mold, there will be no error in filling and sealing, which can prevent the waste of products and reduce the times of cleaning the machine.
4. The machine has the functions of Piston Filling and cup lifting, which will not leak and splash everywhere. It is also equipped with CIP cleaning function.
5. It is equipped with a particle filling device, which can be used to fill small particles on chickpea mud.

6. It includes vacuum pump, vacuum air storage tank, vacuum valve, inflation valve and vacuum gauge. The vacuum cup can prolong the shelf life.
7. The system has automatic film ejector, positioning printing film, collecting waste film and constant temperature film sealing system. Fast running film sealing system can locate printing film. The thermal seal of this system uses Omron PID temperature controller and sensor.
8. Its cover is made of a lower positioning die, a cover storage frame and a cover removal manipulator. It has accurate lid position and is easy to succeed, tightly connecting the lid with the plastic cup.
9. Its unloading system can output sealed pallets and take them to the external lining.
10. The dust cover of the machine can select functions. The material is PC board and stainless steel. It is equipped with safety switch to protect the operator.

Powering machine is one of the best manufacturers of cup filling machine and cup packaging machine in the world. We are very experienced.

Technical Parameters

Filling Nozzles	5 working station
Capacity	30-35 cups/minute
Filling Volume	100-500 gram (be adjustable)
Voltage	380V/50Hz/three-phase
	four-wire (customized)
Power	8.5kw
Working Pressure	0.6mpa-0.8mpa
Dimension	4500mmx1400mmx1800mm
Weight	1600kg