

Filling Sealing Machine for Yogurt QCF-2/4/6/8



Automatic Cup Filling and Sealing Machine has different kinds of filling pump to fit for filling the products with different viscosity, from beverage to creamy products, like Noodle, Gel, Jelly, Milk, Popsicle, Cream, Fruit Juice, etc., and sealing with appropriate compound film, and it is widely used in cosmetic, medical, chemical industry. Our company, according to the requirement of the customer, can design different models in order to meet the need for the customer of different shapes and different containers.

It is known to us how to choose the metering way according to different materials for filling process:

As for Liquid like water juice or other low-viscosity materials it will be chosen of gravity volumetric or Piston way;

As for high-viscosity materials like button honey it will be chosen of piston type with heating&mixing function&Plunger type with high pressure to ensure the fluidity of materials during filling;

As for granules like nuts coffee pod it will be chosen of volumetric-cup metering way to fill and meter the materials for filling;

As for big granules like dumpling Peanuts Sunflower seeds it will be chosen of weighing scales to meter the volume for filling;

As for powder like flour juice concentrated materials fine it will be chosen of auger metering way to fill the materials into the cups;

After Fill-sealing cups the final product often requires the additional procedure to add the cover-cap on the top of lid-sealed cups, thus the cover pressing function will be adopted to accomplish the covering for the cups;

Feature:

A: Control system: Controller: PLC, Japan Omron control parts.

All the machine are pneumatic, to make sure the machine can operation stable.

B: seal device: Two-heat seal, to seal well.

C: molds: used acid proof molds.

D: All the machine Frame outsourcing are 304 stainless steel, but the filling system and all touch the products are all made of 304 stainless steel.

E: cylinder: Tai wan "AIRTAC"

F: Electric parts: are all famous brand from all over the world.

G: Filling system: screw feed and press tightly type

H: Touch Screen

Technical Parameters

Model	QCF-2	QCF-4	QCF-6	QCF-8
Capacity	1800 cups/h	3600 cups/h	5400 cups/h	7200 cups/h
Voltage	220V/380V 50/60Hz	220V/380V 50/60Hz	220V/380V 50/60Hz	220V/380V 50/60Hz
Power	0.75KW	0.75KW	1.5KW	1.5Kw
Heating Power	1.8KW	5.2KW	8.4KW	11Kw
Filling	10-300ml±2%	10-300ml±2%	10-300ml±2%	10-300ml±2%
Temp.	160-240°C	160-240°C	160-240°C	160-240°C
Air prussure	0.5-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa	0.8-1Mpa
Air Consumption	0.63m ³ /min	0.7m ³ /min	0.75m ³ /min	0.8m ³ /min
Dimension (L*W*H) m	3000*650*1650m m	3000*850*1650m m	3400*1000*1750m m	4000*1100*1850m m
Weight	About 1000kg	About 1100kg	About 1200kg	About 1300kg