

Tube Filling Sealing Machine FFD-C



This machine is made of stainless steel, adopts pneumatic system, the filling volume and speed can be adjusted easily. Except put the empty tubes by hand, all the work stages, such as, filling, sealing, cutting, printing codes, etc, are done by the machine automatically. This machine can fill various liquids, skin care cream, paste, sauce, ketchup, jam, mustard, ointment, medicine paste, tooth paste, etc. into plastic tubes or laminated material tubes and seal.

1. Intelligent automatic frequency tracking system, which can recognize the vibration frequency of the ultrasonic system automatically, so as to effectively protect the mold. Large output, small noise, stable performance, long life.
2. To replace the traditional welding or bonding process, low cost, clean pollution-free and does not damage the plastic tube.
3. High welding strength, Good sealing performance, the strength of welding area is same as other area of the plastic.
4. Stable welding process, easy operation, easy maintenance.
5. Precision IC control circuit, automatic overload protection system.
6. Adopting PLC controller, easy to operate, auto-protecting system can avoid the damage caused by improper operation.
7. Four points balance adjustment, easy to adjust the welding head.
8. Aluminum/titanium radial pole, sonic, strong stability.
9. There are 3 positions for tube loading, can avoid tube vacancy.
10. The cone to press the tube on the orientation position, can assure tube is round.
11. Can adjust filling volume easily.
12. Sealing and cutting are on different positions, can avoid burrs.
13. Auto unloading, can unload finished goods to conveyor.
14. Install cold water circulation in back mold, which can assure sealing quality under high output status.

15. Stepper motor is used for orientation, the speed can be adjusted to improve the accuracy.
16. Machine is equipped with Airtac cylinders and Airtac magnetic valves, stable performance.
17. Auto Filling, Orientate, Sealing, Print code, Cutting.
18. The machine was characterized by mechanism structure, stable operation, high speed, high efficiency, low noise, simple structure, convenient operation and maintenance and less fault.

Technical parameters:

Name	Semi Automatic Tube Filling Sealing Machine
Tubes material	Laminated material, or PP, PVC, etc.
Products	Liquid, cream, or paste
Volume	10-450ml
Filling	Cylinder pump
Precision	±1%
Tube size	Caliber:15-50mm, length 50-220mm
Pneumatic	0.6-0.8Mpa, 0.2 CBM/min
Capacity	20-35 pcs/min (Up to the size of the tubes and the filling volumes in each tube)
Voltage	AC220V, 1 phase, 50/60Hz.
Power	3.3Kw.
Material	Stainless steel 304
G.W.	450Kg.
Dimension	L1250*W1050*H1600mm