

LQ-TFS Semi-auto Tube Filling and Sealing Machine



This machine applies the once transmission principle. It uses the slot wheel dividing system to drive the table to do intermittent movement. The machine has 8 sits. Except manually putting the tubes on the machine, it can automatically fill the material into the tubes, heat both inside and outside of the tubes, seal the tubes, press the codes, and cut the tails and exit the finished tubes.

Feature

1. Application: the product is suitable for automatic color coding, filling, tail sealing, printing and tail cutting of various plastic pipes and aluminum-plastic composite pipes. It is widely used in daily chemical, pharmaceutical, food and other industries.
2. Features: the machine adopts touch screen and PLC control, automatic positioning and hot air heating system formed by imported fast and efficient heater and high stability flow meter. It has firm sealing, fast speed, no damage to the appearance of the sealing part, and beautiful and neat tail sealing appearance. The machine can be equipped with various filling heads of different specifications to meet the filling requirements of different viscosities.
3. Performance:
 - a. The machine can complete bench marking, filling, tail sealing, tail cutting and automatic ejection.
 - b. The whole machine adopts mechanical cam transmission, strict precision control and processing technology of transmission parts, with high mechanical stability.
 - c. High precision processing piston filling is adopted to ensure the filling accuracy. The structure of quick disassembly and quick loading makes the cleaning easier and more thorough.
 - d. If the pipe diameters are different, the replacement of the mold is simple and convenient, and the replacement operation between large and small pipe diameters is simple and clear.

- e. Stepless variable frequency speed regulation.
- f. Precise control function of no tube and no filling - controlled by precise photoelectric system, the filling action can be started only when there is a hose on the station.
- g. Automatic exit hose device - finished products that have been filled and sealed automatically exit from the machine to facilitate connection with cartoning machine and other equipment.

Technical Parameter

Model	LQ-TFS-A	LQ-TFS-B
Tube Material	Plastic Tube, Laminate Tube	Metal Tube, ALU Tube
Dia. of Tube	19-50mm	15-50mm
Filling Volume	2.5-250ml (customized)	5-100ml (customized)
Filling Accuracy	±1%	±1%
Capacity	1500-1800pcs/h	1800-3600 pcs/h
Air Consumption	0.3m ³ /min	0.2m ³ /min
Power	0.75kw	1.5kw
Voltage	220V	220V
Overall Dimension (L*W*H)	1100mm*800mm*1600mm	1000mm*600mm*1700mm
Weight	250kg	400kg