

Automatic Tube Filling and Sealing Machine for Toothpaste



Automatic tube filling and sealing machine for toothpaste is mechatronic mechanical-electrical integration, use multiple introduction technology and controlled by PLC, it can complete tube feeding, local color code, filling, sealing and tube out automatically simultaneously. The machine runs smoothly, easy to control and size change over, suitable for producing paste products.

Automatic tube filling and sealing machine for toothpaste has a modern shape, a strong practicability and good value for process, it is widely used in toothpaste, ketchup, paste food, cosmetic, hair-dyeing paste, art palette and industry

Features:

1. Stainless steel volumetric dosing syringe and Teflon piston seals for accurate dosage
2. Tube lifting at filling station – so that filling nozzle gets inserted inside tube during filling
3. Tail cutting by 'suck back' method to prevent dripping of product after filling
4. Hot air tool for plastic / laminated tubes (Leister make heater)
5. PID temperature controller for accurate control of hot air temperature
6. Air supply to air heater through independent blower
7. Batch code embossing facility within sealing jaws (by using negatively etched character type font)
8. Trimming of plastic / laminated tubes at the top end
9. Preset counter
10. No–Tube–No–Fill system
11. Control sensor for non ejected tubes
12. Low air pressure switch
13. Emergency stop
14. Fixed position machine stop

Item	Technical date
Tube diameter (mm)	22--38
Filling volume(g)	50~180
Accuracy(%)	±1%
Production speed(Pcs/min)	60-80
Power(Kw)	4.5
Voltage	380V 60Hz
Air consumption(m3/h)	60
Air pressure	0.6Mpa
Weight(Kg)	≈1750
Size (mm)	2300*1350*1800