



ZHF-100A Plastic Aluminum Tube Filling And Sealing Machine



The automatic tube filling and sealing machine is mainly used to filling ointment or viscous fluid materials into Aluminum tube, plastic tube or composite tube. And then seal the tubes tail. Which machine adopts a new type dosing pump with stainless steel butterfly valve which matches with screw tiny adjustment outfit

1. Tubes flipped into and pressed down into the tube pucks automatically
2. Adopt the spring tube pucks ensuring the same height of sealed tail.
3. Using automatic right color systems ensuring the automatic right superscript of oval or other special-shaped tubes..
4. Adopt mechanical drive mode filling system ensuring the stability of loading.
5. Rising puck style for filling stage.
6. Adopt original binding LEISTER air heater
7. Hot air inside sealed the tube, cold water circle-cooled the outer wall of the tubes. That ensured the effect of the sealing.
8. Exhaust the harmful gases outdoors by fan (made in Taiwan)
9. After sealing, equipped with air-cooled systems, to avoid heat transfer to the paste
10. PLC fully automatic control system
11. High-definition, visual stainless steel frame
12. The connection of emulsifier and filling machine can be easily achieved
13. The operation of different diameters can be easily changed
14. Filling, sealing and code-printed can be finished in one machine
15. Have the tubes auto set down, tubes auto purge, the mark auto fund, and auto filling and sealing functions.
16. The speed can be stepless frequency convert, the tube set down function can be finished by main machine matching with console model and big capacity tube store.
17. The product quantity can be controlled
18. The code mechanical hand print the code automatically in the request position

19. The data can be showed and controlled directly by human-machine interface
20. Console model and big capacity tube store.
21. FESTO original binding vacuum generator controlled the on tube adsorption positioning device
22. Adopt tube direction upside-down examination system, Omron photoelectric cell can test the upside-down tubes accurately
23. Cam indexing
24. Automatic cleaning and the dust accumulates recycling system
25. Have the malfunction alarming, the machine gate opening and over-loading stopping device
26. When filling is finished, the end is blown away by the air blower and cut off ensuring high viscosity materials filling.
27. Column model heat preservation agitation system.(optional).
28. Ultrasonic wave material position automatic detection system.
The material position can be accurately detected and can be showed directly on the touch screen with the match of the BANNER ultrasonic wave position automatic detection system and Siemens module. (optional)
29. No tube no fill

Technical Parameters

Adapt to the maximal tube diameter:

- Metal tube: 10-35mm
- Plastic tube and compound tube: 10-60mm

The maximal volume:

- Metal tube: 1-150ml
- Plastic tube and compound tube: 1-250ml

Produce speed: 60-100tube/min

Filling precision: $\leq \pm 1\%$

The power of machine : 2.2kw

Air pressure: 0.4-0.6mpa