

Effervescent Tablets Tube Filler



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TFM-50A Effervescent Tube Filler is designed for packaging effervescent tablets into individual tubes. It combines proven systems to deliver improved productivity.

The latest design with safety cover, better performance and security guaranteed.

This unit was designed for layered filling of tablets into a tube and then placing a plastic stopper in the top.



TFM-50A

Features:

- Automatic tube feeder
- Automatic vibratory bowl for stopper (cap feeding).
- Automatic cap press sealing.
- Detection and rejection if tablet less filling and cap missing
- Automatic tablet channel Counting.100% accurate.
- No tube, no filling; No tablets, no capping. machine stop.
- PLC+HMI control system

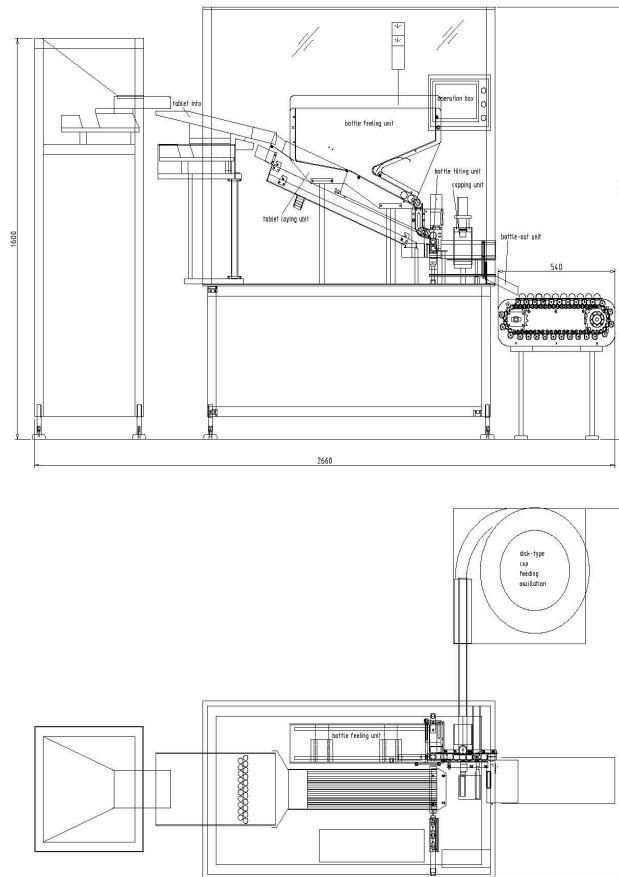


Combination and performance:

- Cap Vibrating System: Loading cap to hopper by manual, automatically arranging cap to rack for plugging by vibrating system.
- Tablet feeding system: Put Tablet into hopper by manual, vibrating and sending tablet to channels automatically for packing preparation. Level sensor system checks and control vibrator ON and OFF.
- Tablet channel unit: This unit is to arrange tablet and get expected row, then getting preparation of insert.
- Tablet inserting unit: When Tablet and tube get ready, the pushing cylinder will send tablet into tube automatically. No tube no insert, no tablets no insert.
- Tube feeding unit: put tube into hopper by manual, shaking system will send tube to rack automatically. Tube direction should be checked by manual before put into hopper
- Cap Pushing unit: When tube get tablet, cap pushing system will push cap and close tube automatically, no tablet no capping, no tube no capping.
- Electric unit: This machine is controlled by PLC controller, with automatic multi-function alarm system.
- Machine material: Machine frame adopts steel and enamel paint, cover adopts SUS304, all material touch with tablet will adopts SUS304(SS316 optional)



Dimensions:



Technical Data	TFM-50A
Format Range	
Tube Filling Range	10-30pcs/tube
Tube Length	80-180mm
Tablet Diameter	16-30mm
Tube Material	Plastic
Tablet Thickness	4-8mm
Machine Data	
Max. Capacity	Up to 40 Tubes/min depending on the product and tube size
Power Supply	1.2kw 220V/50Hz,01phase
Compressed Air	0.5~0.7Mpa, 0.28CBM/min
Overall size	3660×1500×1720mm
Weight	400Kgs

SaintyCo also offer:

Encapsulation Solutions

Tablet Compression Solutions

Coating Systems

Cartoning Systems

Blister Packing Solutions

