



— Pharma Process & Packaging

[www.saintyco.com](http://www.saintyco.com)

# Effervescent Tablets Tube Filler



CATALOGUE

## Effervescent Tablets Tube Filler

**TFM-60A** Effervescent Tube Filler is the latest model designed for packaging effervescent tablets into individual tubes.

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

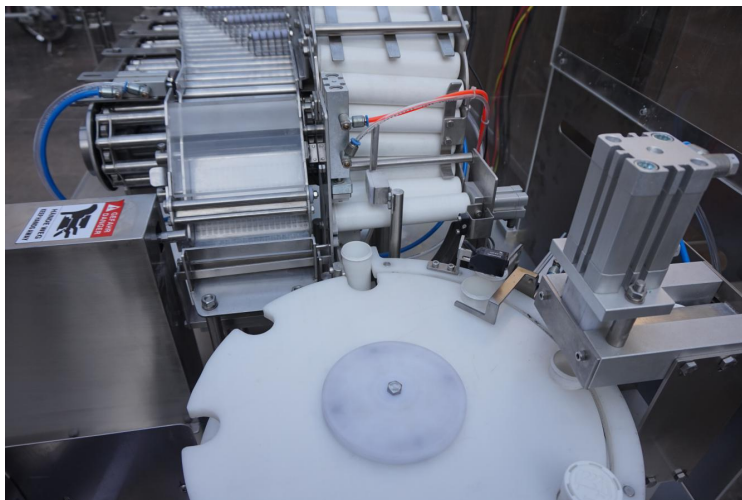
This unit was designed for layered filling of tablets into a tube and then press cap with silica.



TFM-60A

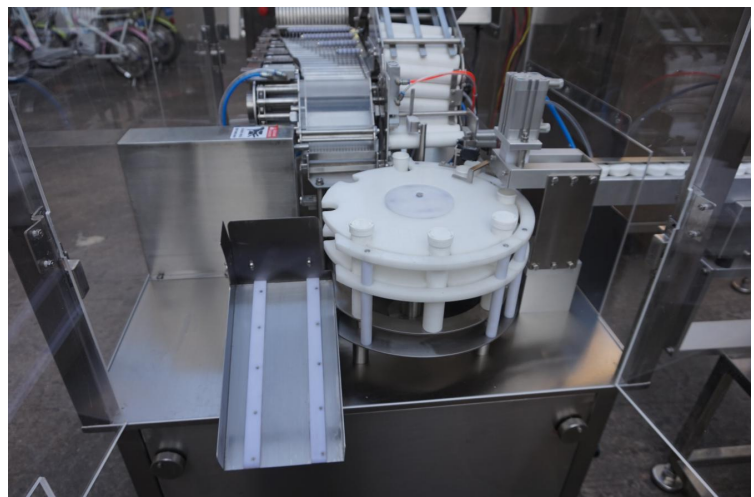
**Features:**

- Automatic tube feeding
- Automatic cap vibration.
- Automatic cap pressing.
- Automatic tube unscrambling
- Detection and rejection if tube less tablet
- Automatic stop machine if lack of cap, tablet or tube
- No tube, no filling; No tablets, no capping. machine stop.
- PLC+HMI control system



**Pushing Tablet  
Into Tube**

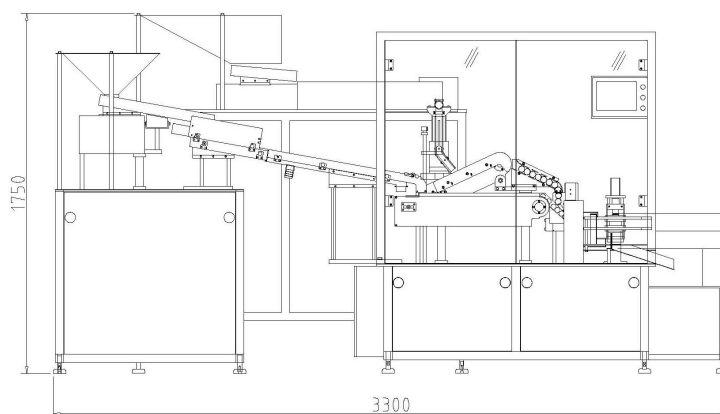
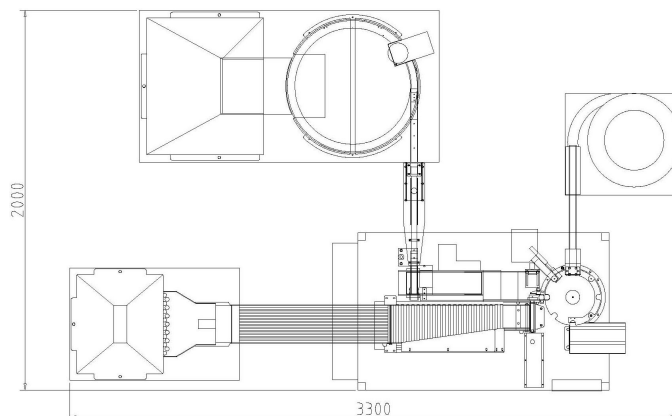
**Index Cam**



**Combination and performance:**

- Cap Vibrating Unit: Loading cap to hopper by manual, automatically arranging cap to rack for plugging by vibrating system.
- Tablet feeding Unit: Put tablet into tablet hopper by manual, the tablet will be sent into the tablet position automatically.
- Feed tablet into tube unit: Once detect there is tube, the tablet feeding cylinder will push the tablets into tube.
- 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, the tube will be lined into tablet filling position by tube unscrambling and tube feeding.
- Cap Pressing unit: Once detect there is tube, the capping unit will cap the tube automatically.No tablet no capping, no tube no capping.
- Lack of tablet rejection unit: Once the tablets in tube is lack of 1 or more, the tube will be rejected automatically.
- 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 tablet contact parts adopts SUS316.



**Dimensions:**

Technical Data	TFM-60A
<b>Format Range</b>	
Tube Filling Range	10-30pcs/tube
Tube Length	80-180mm
Tablet Diameter	16-30mm
Tube Material	Plastic
Tablet Thickness	4-8mm
<b>Machine Data</b>	
Max. Capacity	Up to 60 Tubes/min depending on the product and tube size
Power Supply	1.5kw 220V/50Hz,01phase
Compressed Air	0.5~0.6Mpa, 0.24CBM/min
Overall size	3300×2000×1750mm
Weight	1000Kgs

SaintyCo also offer:

Encapsulation Solutions

Tablet Compression Solutions

Coating Systems

Cartoning Systems

Blister Packing Solutions

