SaintyCo

Pharma Process & Packaging

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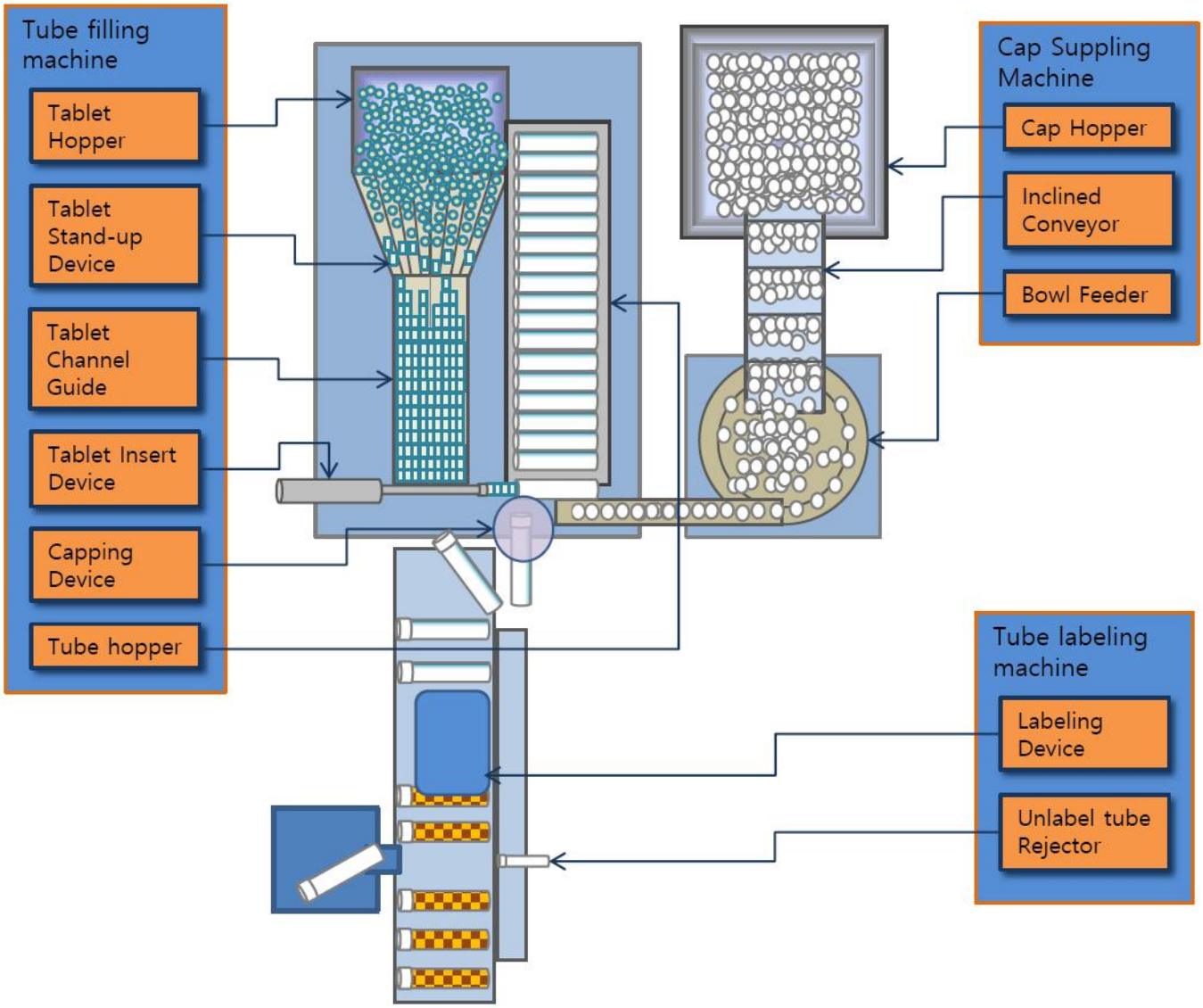
Packing System for Effervescent Tablet

CATALOGUE

Rev:1.0

Tube Filling Machine for Effervescent Tablet



1. Tube Filling Machine for Effervescent Tablet
2. Tube Labeling Machine
3. Auto Tube Feeding Machine
4. Unscrambler for Cap
5. Cap Feeding Machine

Automatic tube filling Machine for effervescent tablets

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 guranteed.

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

TFM-50A

Tube Filling Machine

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

Specifications	TFM-50A
Filling range	10-30pcs/tube
Diameter of tablet	16-30mm
Thickness of Tablet	4-8mm
Length of Tube	80-180mm
Max. Capacity	Up to 50Tubes/min depending on the product and tube size
Power supply	1.2kw 220V/50Hz,01phase
Compressive air	0.5~0.7Mpa, 0.28CBM/min
Overall size	3660×1500×1720mm
Weight	400Kgs

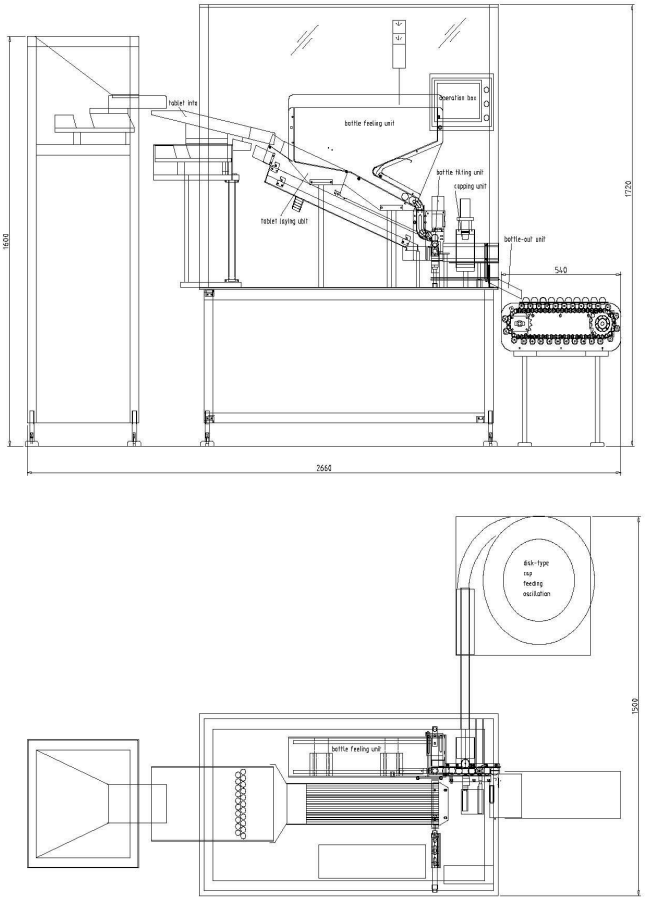
Packing System for Effervescent Tablet

TFM-50A

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:



Automatic tube filling Machine for effervescent tablets

Tube Labeling Machine can be connected to our tube filler(TFM-50) for good efficiency. They will provide you clean and high quality packing tube product.

TB-80

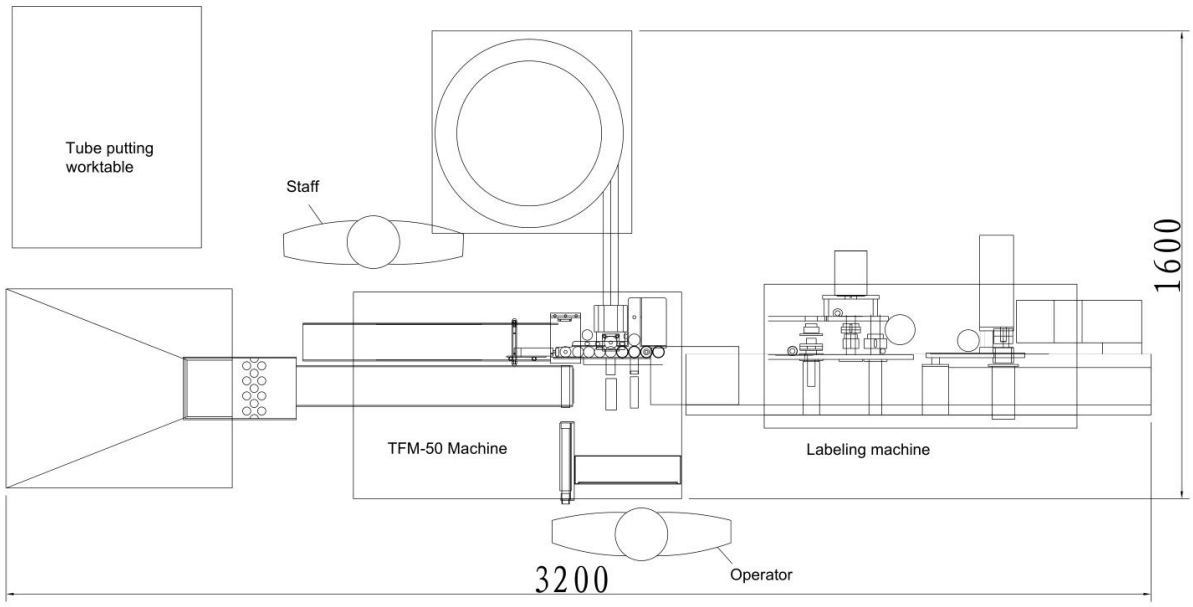
Tube Labeling Machine

TB-80

Combination and performance:

- Tube Labeling machine is designed for labeling on individual tubes.
- Main body is made of SUS304 stainless steel and aluminum alloy in strict accordance with GMP standard.
- Long conveyer belt(1600mm) for tube feeding by manual
- Batch / Lot No. printer
- Connection with TFM-50 tube filler available.
- Spare parts for one year.
- Operation manual in English
- PLC control

Dimensions:



Specifications	TB-80
Voltage	220V 50Hz
Power	0.5Kw
Outer diameter of label roll	300mm
Center diameter of roll	72mm
Capacity	0~18m/min : Max. 80tubes/min.
Weight	150kgs
Dimension(L x W x H)	1600 x 800 x 1400mm

Automatic Unscrambling Machine for Cap

This Unscrambler can be connected to our bowl Feeder for good efficiency. They will provide you clean and high quality packing tube product.

Unscrambler for Cap

Combination and performance:

- Unscrambler is designed for supplying the cap for tubes automatically.
- Main body is made of SUS304 stainless steel accordance with GMP standard.
- Connection with bowl feeder for Tube Filling Machine available.
- Spare parts for one year.
- Operation manual in English

Specifications	Unscrambler for Cap
Voltage	220V 50Hz
Power	0.5Kw
Dimension of Container	600 x800 x500mm
Capacity	0~18m/min : Max. 80tubes/min.
Weight	150kgs
Dimension(L x W x H)	1400 x 800 x 1800mm

Installation in Factory

SaintyCo also offer:

Encapsulation Solutions

Tablet Compression Solutions

Coating Systems

Cartoning Systems

Blister Packing Solutions

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