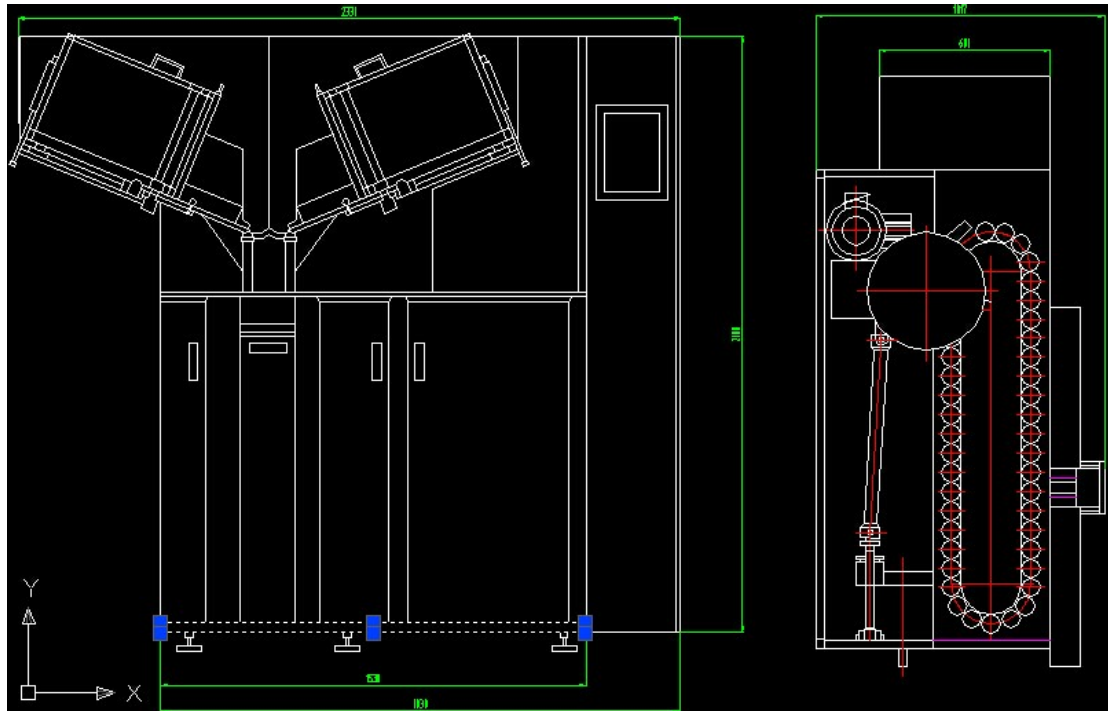

**Project Name: Automatic Tube Filling And Sealing Machine
+ Cartoning Machine + Emulsifying Machine**

HTGF-100 Model Tube Filling and Sealing Machine





(Remark: Picture just for reference)

Main description:

Use rotary type, double filling heads, high speed. Filling type use piston way, filling accuracy is precision. Filling nozzle anti-drop type, no leak after filling. Easy to adjust filling volume, and change molds for different size, the filling speed can be adjusted.

It applies to all kinds of composite tubes, plastic pipe or metal pipe filling and sealing, date printing, cut the tail.

Sealing neat appearance, sealing strong, high accuracy, good stability.

Machine is high quality, adopts imported PLC control, imported the original frequency control, pneumatic components using (AIRTAC), for tube tail marker reader, use import original (SICK) photoelectric sensors, high stability, heating system, use imported Switzerland LEISTER

heating gun.

Packaging materials and filling materials Scope:

- 1) soft tube, plastic pipe, composite pipe, or aluminum tubes.
- 2) ointment, cream, gel viscosity fluids agents.

Applicable industries:

It is widely used in pharmaceutical, cosmetic, food, chemical and other industries packaging. Such as ointments, gels, adhesives, AB glue, epoxy glue, skin cream, hair dye, shoe polish, toothpaste and other liquid or paste filling and sealing materials.

work procedure:

Automatic tube feeding → tube press into tube holder → automatic tube tail marker reader → automatic filling → tube heating (for plastic tubes) /3 folds(for aluminum tubes) → tail shaping and sealing → tail cutting (for plastic tubes) → date printing → product output.

Our machine advantages:

- 1.** Anti-leak: filling nozzle deep into inside of tube when filling, there is a end cap inside of filling head, also it have air blow after filling.
- 2.** Mechanical drive, each parts connect with gear or cam, machine running smoothly and stable, no noise.
- 3.** The machine speed control by converter control, can be adjustable.
- 4.** Filling volume can be adjustable by hand wheel adjustment, it is convenient.

5. No tube no filling.

6. Double use: one machine can do plastic tube and aluminum tube, just need to change the sealing parts.

Optional accessories:

Optional: external chiller system, water chiller

Optional: hopper internal heating and mixing device

Optional: Alien sealing device (wave-shaped sealing device; arc-shaped sealing device; T-type punching and sealing devices, etc.)

Optional: automatic feeding pump

Optional: finished tube output conveyor

Specific:

● Machine Working Plate

Have 40pcs of holder, all the tube feeding, marker location, automatic filling, heating/folding, automatic sealing(With date printing) and output

functions around of it.



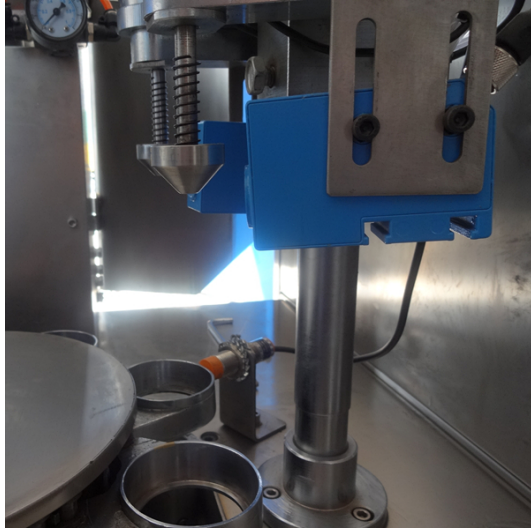
- Automatic Tube Feeding System.

You just need to put empty tubes into feeding box, it will be feeding the tubes automatically one by one. You can put about 200 pcs of tubes into each box one time.



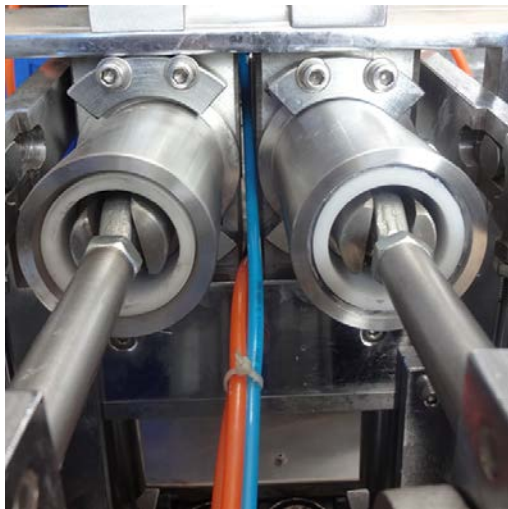
- Tube Tail Marker Reader

We User Germany SICK color electric eye, high accuracy and stable.



- Two Piston Filling Pump

Made of SS 304. Also can be customized as SS 316L. Filling volume can be adjustable.



- Double Filling Nozzles

Made of SS304. Also can be customized as SS316L. It anti-drop system. Have end cap inside of filling nozzle, and also have air blow after filling to cut down the tail of products.



- Inner Heating System.

Use Switzerland LEISTER brand, heating time is every short.

Temperature can be up to setting temperature within 1-2 minute.



- Date Printing

Can be print A-Z or 0-9, depend on your requirements. And change easy.



- Samples



Technical Parameters:

Item	Heat sealing	Fold sealing
Voltage	380v/50Hz/60Hz	380v/50Hz/60Hz
Productivity	80-100pcs/min	80-100pcs/min
Filling volume	5-250 ml(change pumps)	5-250 ml(change pumps)
Tube diameter	11-40mm(change molds)	11-40mm(change molds)
Tube length	50-230mm(customized)	50-230mm(customized)
Max power	7.5KW	1.5kw

Water consumption	3-6L/min	0
Machine weight	About 1300kg	About 1300kg
Dimension(L*W*H)	2150×1150×2100mm	2150×1150×2100mm

HTZH-120 Model Tube Cartoning Machine

Introduction:

HTZH-120 Automatic tube cartoning machine is intelligent, continuous automatic cartoning equipment, maximum speed up to 100 boxes / min. For toothpaste, bulk goods and other industries.

Features:

The sensing element, optoelectronics, fiber optics, mechanical overload protection device component monitoring, alarm, fault display system, and a non-product does not suck box, enter the alarm box is not in place, or non-consecutive times without product carton automatic shutdown and other protective measures to ensure the safe operation of the machine.

Machine control by PLC man-machine interface, using the principle of continuous motion row chain, thus ensuring the stability of high-speed operation. Also according to the customer's need to do online reserves Interface: Materials stepped through the conveying motor driven mechanical movement by the wheel sucker to boxing on the conveyor track and in the process complete feed. And set the automatic adjustment feature allows the operating speed packaging machines with production capacity of other appropriate match. The device can be used with pillow packing, packing machines and other front / rear alley equipment connected to form a one-stop packaging lines.

Main Technical Parameter:

Packing speed	80-100 Boxes/Min
Carton size range	L (50-250) mm×W (20-170) mm×H (15-70) mm
Carton paper requirements	250-450g/m ³
Instructions size range	L (100-260) mm×W (100-190) mm
Manual paper-based requirements	55-70 g/m ³
Motor Power	1.5KW
Power Supply	Three Phase four-wire 380V 50Hz
Machine noise	≤80dB
Gas source	0.5-0.8 Mpa
Air consumption	120-160L/min
Dimensions	3500×1500×1600 mm
Total Weight	1200Kg

Connect with filling and sealing machine:



Total Machine:



Product Feeding Device:



Carton Box Feeding and Forming:



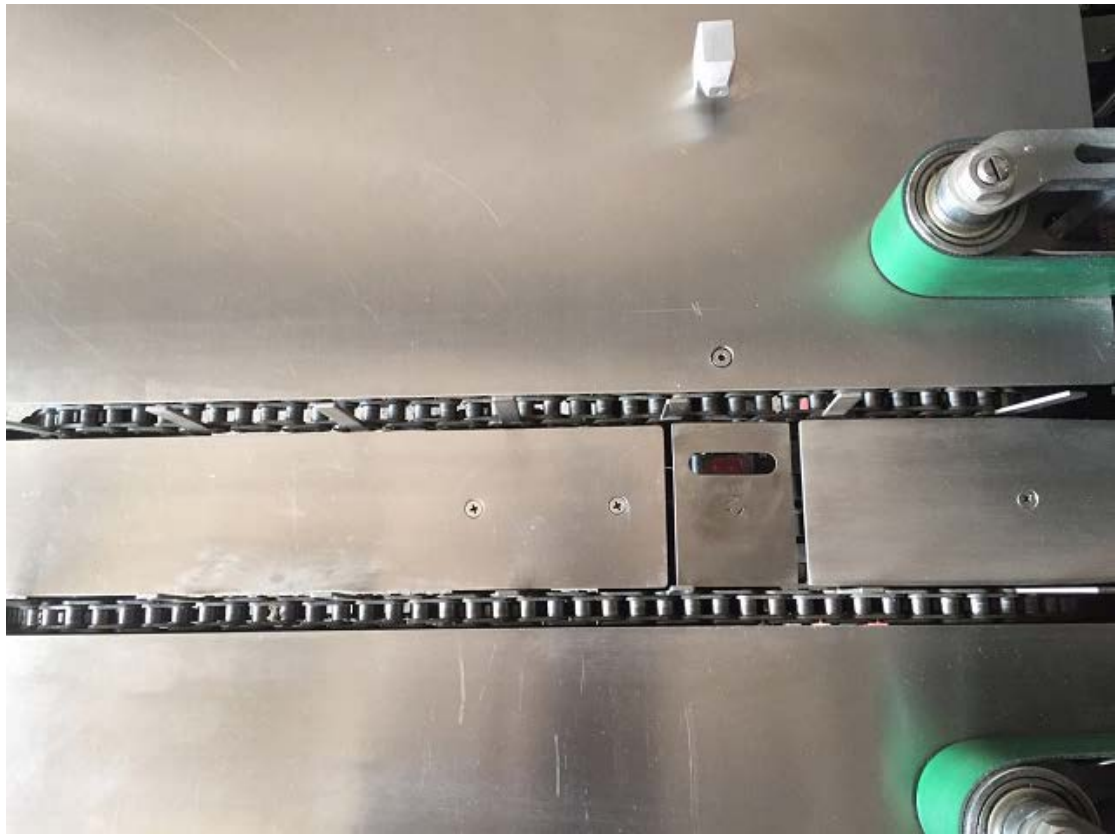
Conveyor Chain:



Output:



Rejection:



Automatic sleeve type shrinking machine



Cuff button type heat shrink packaging machine, is my company independently developed a new type of packaging machine.

The machine is made of high quality steel or stainless steel, compact and reasonable, durable, energy saving effect.

Widely used in beverages, food, pharmaceutical chemicals and other combinations of packaging. No need base care, no cartons, regardless of square, round, flat can be packaged perfect, intuitive effect is very good, low cost of packaging.

The machine uses a new optimization design, the use of PLC automatic control, man-machine interface tracking, optical positioning accurate. Sub-package into the state, put an end to lack of products, inverted products, flexible adjustment, safe and beautiful. Adjustable hot air circulation structure, applicable to all kinds of existing thermal film (including color printing). Film replacement fast and easy, fault warning, lock complete, reliable operation. So as to the quality of constant, stable and reliable, long continuous production provides a solid guarantee.

Working Process:

The bottles or boxes to be packed are passed through the tubing mechanism along the passage formed by the sub-bottle mechanism to the

pallet plate. By the upper part of the photoelectric detection head to give the signal, the bottle (box) machine parking, baffle back to the delivery of extrusion stress release, the partition rose, so that the bottle (box) and wait for the bottle (box) separated. The push mechanism moves forward to push the bottle (box) along the guide bottle (box) together with the film to the sealing position, while pushing the bottle of the previous complete cover into the conveyor belt in the shrinking device The film feed mechanism also works at the same time. Then heat sealing knife down action, complete sealing and cutting function. The bottle is pushed into the high-temperature conveyor belt in the heat shrinkage device while moving forward side to complete the heat shrink function, and finally after cooling air cooling to reach the finished product load device. The above process is repeated to achieve the packaging automation.