

JDZ-120D Automatic Sachet /Pouch/Condom/Bag Cartoning Machine



JDZ-120D is a full automatic cartoning machine for multi pieces of flat and thin product, such as long strip sachet, bags (including plaster, adhesive wound dressing, facial mask), double alu strip, condom, laundry slice and bandage etc.

Working process

Product stacking into the feeder by hand-- product counting and dropping onto the conveyor--- box sucking----folding leaflet (into 1-4 fold(s)) ---box opening and shaping ---product pushing into the box---- batch No embossing or ink jet printing(optional)----box tuck-in closing or hot melt glue sealing---final product output.

Application

This machine can be used to fill and carton three or four side-seal granule sachets, soft double aluminum, plasters, bandages, face masks, coffee sachets and other similar sachets. It can finish a series of complicated process, including detecting material, folding instructions (into 1-4 fold(s)) and conveying them, opening, forming and conveying cartons, cartoning material and folded instructions into cartons, embossing batch number and closing the two paper tongues of cartons. The machine is innovated and designed in strict accordance with pharmaceutical requirements of GMP. Its housing is made of stainless steel of high quality. Besides, overload protection and emergency stop are all designed into the transmission part. What's more, HMI is applied in control system to secure operators.

Main technical feature

1. The machine is of compact and reasonable structure, stable and advanced performance and easy and convenient operation.

2. The main machine applies frequency control of motor speed. (Its cartoning speed can be set in a range of 50-80 cartons per min in stable production, depending on the material to be cartoned and the cartoning difficulty.)
3. PLC of an international famous brand is applied for automatic control.
4. International famous electrical and pneumatic components are applied.
5. HMI can display cartoning speed and count for end products automatically.
6. A high-strength photoelectrical device detects the operation of every part. Any abnormality occurring during operation can be displayed automatically for timely error clearance.
7. The machine can be operated manually or automatically.
8. Automatic detection system is installed to alarm and exclude defective products and stop machine after certain operation.
9. The machine stops when overloaded.

Main technical parameters

Packing speed		50-80 cartons/min
Quantity of sachet filled with material		1-12 sachet(s) (depending on the sachet size)
Carton	Quality requirement	250-350g/m ² (depending on the carton size)
	Dimensions (L*W*H)	(80-150)*(55-100)*(20-50)mm
Instructions	Quality requirement	60-70g/m ²
	Unfolded size (L*W)	(80-250)*(90-170)mm
	Folds	1-4 fold(s)
Compressed air	Operation pressure	≥0.6mpa
	Air consumption	260-300L/min
Power supply		220V/50Hz or 380V 50Hz(can be customized)
Main motor power		1.1KW
Total power		2.2KW
Overall dimensions (L*W*H)		4200*1050*1600mm
Net weight		About 1600Kg