

## *LC-500B Automatic Heat Shrink Packaging Machine*



The machine is widely used in pharmaceutical, food, cosmetics, stationery, electronic products, daily necessities, toys and other industries in a single row or row of bottles or boxes of heat shrink packaging.

### **Machine Features:**

Full-closure shrinking packaging machine, is my company developed a new type of packaging machine. The machine is made of high quality steel or stainless steel Seiko, compact and reasonable, durable, energy saving effect is remarkable. With independent intellectual property rights of the new shrink film automatic packaging machine, widely used in beverages, food, pharmaceutical and chemical products, such as packaging. Do not base care, no cartons, regardless of square, round, flat can be packaged perfect, intuitive effect is very good, low cost 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 bottles, inverted bottle, flexible adjustment, safe and beautiful. Adjustable hot air circulation structure, applicable to a variety 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 to provide a solid guarantee.

The bottle or box to be packed, through the bottle through the sub-bottle institutions to form the channel to reach the bottle plate. The signal is given by the upper photodetector, the bottle is stopped, the baffle is retracted to release the stress produced by the extrusion, and the baffle is raised to separate the bottle from the bottle (box). The push mechanism is moved forward by pushing the bottle (cartridge) along the guide bottle (cartridge) together with the film to the sealing position, while pushing the bottle of the previous previous cover into the conveyor belt in the heat shrinkage apparatus The film feed mechanism also works at the same time. Then heat sealing

knife down action to complete the 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 down the cooling to reach the finished product load device. The above process is repeated to achieve the packaging automation.

### Technical Parameters:

Sealed form	Cuffs
Power supply	380v/50Hz-60Hz
Maximum speed	25 Bag / min
Maximum packaging	320(L)×150(W)×200(H)mm
Packaging Materials	PeHeat shrinkable film
Maximum film	400mm(W)×280mm(Outside diameter)
Total power	9.5kw
Platform height	780-850mm
Pressure	≤0.5MPa
Total Weight	300kg
PLC	SIEMENS S7
Sealing system	Constant temperature heating system, easier to replace the shear force, sealing and cutting without smoke no smell
Operation interface	EviewColor touch screen
Main material	Carbon steel
Power supply	380v/50Hz-60Hz
Conveying speed	Adjustable, 40 m / min
Furnace size	1200mm (L) mouth 450mm (W) 220mm (H)
Conveyor belt	Teflon mesh belt
Total power	7kw
Platform height	850-900mm
Total Weight	160kg
Main material	Carbon steel