

## Auto Express Envelope Sorting Machine

**Model: ALS-8000**

### Equipment Overview:

According to the customer's functional requirements, We now designed this "Auto Express Envelope Sealing&Labeling&Sorting Machine". The main function of the equipment is to seal the express envelop of which contains contactless card or single card automatically, and attach recipient information label, the device recognizes the bar code on the receiving label. According to the bar code information, the express envelope will be automatically sorted to each box. Avoid traditional manual search of printed information, manual printing, manual labeling and other tedious processes. The machine is suitable for factory, bank, public security bureau and so on with direct postal of personalized cards requirements. Automatic operation of equipment to ensure accuracy and high efficiency.



### Feature:

The machine is suitable for factory, bank, public security bureau and so on with direct postal of personalized cards requirements (Such as bank card, social security card, ID card, passport, residence permit). The card should be pre-packaged in a small window envelope with a paper on which print with bar-code information. The equipment automatically reads the card bar-code information in the small window envelope, compares the info with the printed data inside the computer then prints the recipient information of the corresponding card, at the same time, the small envelope will be automatically packed into the express cardboard envelope and sealed. The printed information label is automatically dispensed to the surface of the express cardboard envelop. The device applies to the requirements of single or multiple cards to the same address, and the equipment has the function of recheck to ensure the accuracy of the label dispensing.

### Function:

1. The machine is suitable for factory, bank, public security bureau and so on with direct postal of personalized cards requirements (Such as bank card, social security card, ID card, passport, residence permit.) Full automatic operation of equipment, high production efficiency, accurate labeling information, Machine efficiency  $\geq 3500$  PCS/H.
2. Operation steps: express cardboard envelop feeding and opening, small paper window envelope feeding, bar code reading, small paper window envelope loading into express cardboard envelope, spray adhesive and pasting, printing, labeling, rechecking, weighing, sorting and eliminate.
3. The feeding of express cardboard envelope and small paper window envelop both adopt continuous drawing feeding method to ensure the continuous operation of the equipment.
4. The closed-loop motor vacuum sucker is used for feeding, run stably.
5. Adopting bar code identification method, bar code identification rate up to 100%.
6. Envelope loading, glue spraying and pasting all operate automatically, replacing the tedious manual operation.
7. The corresponding postal address label will be automatically printed according to the bar code data. The labeling equipment will paste the label on the surface of the envelop automatically.
8. To ensure the address labels are correct, the equipment have the weighing, rechecking function, adopts bar code reader system to recognize the address label, comparing with the bar code of the small paper window to see if they match.
9. The express envelope that unread, weighing or pasting false will automatically go to the eliminate box. Express envelope sealing is 100% correct, guarantee package 0 error rate.
10. According to customer requirements, the equipment can be set up multiple sets of sorting and receiving boxes, and the express envelope can be automatically entered into the set receiving boxes. The sorting efficiency is up to 100%.
11. The envelope that unread, weighing or pasting false will automatically go to the waste box.

**Notes: above specification is subject to change without prior notice due to continuous improvement.**

### Material Parameters:

1. The equipment adopts modular design. The whole system and single equipment are composed of various functional modules. Modules with the same function can be used interchangeably and can be easily expanded; All mechanical parts and control parts, circuit boards and plug-in boards are standardized and have reliable interchangeability. International system of units is adopted for all units of measurement.
2. The control cabinet of the equipment control system has a reasonable structure, easy to operate, neat and all wiring points are marked for easy maintenance.
3. Continuous working time of the equipment  $\geq 16h$ ; The continuous power on time of the control system is 32h, and the design life of the equipment is  $\geq 10$  years.

### Specifications:

Item	Details	Item	Details
Dimension	L20800 mm*W2000 mm*H1700 mm	Weight	Around 4000Kg
Power Source	AC380V 50/60 Hz	Power	Around 7.5kW
Speed	About 8500 sheets/hour	Envelope Size	Customized
Operator	Long:163 mm-330 mm, Wide:89 mm-230 mm, Weight:40g-200g		

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