

LFYAMAHA label feeder user manual

Applies to LFYAMAHA-32-YS · LFYAMAHA-60-YS · LFYAMAHA-100-YS · LFYAMAHA-60-YV
· LFYAMAHA-100-YV

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Important Notes

1. Avoid exposing the feeder directly to sunlight and other heat sources;
2. The operating voltage of this machine is 24V, the current must be greater than 2A, and avoid connecting to the same power plug as high-power electrical equipment.
3. Please use a dry/soft cloth (without volatile substances) to wipe the feeder;
4. Avoid contact with or exposure to inappropriate stability, solvents, acids and alkalis, water immersion or humid environments;
5. Avoid product or component damage (such as casing, LED screen, connectors, component circuits, etc.) caused by insect bites, rodent bites, foreign object intrusion, etc., including cracking, rusting, or damage.
6. Please do not use unauthorized institutions or personnel to install, repair, add or disassemble;

Shipping and Receipt Confirmation

To ensure that you receive the goods in good condition, when receiving the goods, please open the box and inspect together with the carrier, and sign for receipt after confirming that the product has no shipping damage or shortage. If there is shipping damage or shortage, please do not sign for receipt, keep the goods, packaging materials and accessories intact, and contact our company immediately. If the buyer has no objection to the received product within the same day of receipt, it will be deemed as acceptance passed, and our company will not be liable for cargo damage. (Except as otherwise agreed in the contract)



Feeder Overview

(One model is used as an example for introduction. Different models have different structures in some parts; please refer to the actual product.)

Feeder Application Scope

3.1.1 Whether it is paper labels or FPC reinforcing steel sheets, various Mylar tapes, foam, dust-proof meshes, high-temperature tapes, etc., roll-type materials can all use the label feeder.

3.1.2 Strong material size compatibility. One label feeder can handle all material sizes within the maximum size, and also supports single-row or multi-row, maximizing the machine's usage efficiency.

3.1.3 Roll-type feeders are mainly used in packaging, 3C, FPC, and electronics industries;

3.1.4 There is no need to purchase a separate labeling machine; combined with a label feeder and placement machine, attachment work can be achieved.

Label Feeder Material Threading Method

The material roll starts at the label mounting shaft sleeve and passes through the winding shaft. A retaining ring is needed to limit the material roll to prevent left-right swinging;

Pass through the label guide width-limiting slider (use an Allen wrench to loosen the set screws inside, and move the guide block to the appropriate position according to the width of the material roll), and pass through the pressing piece (the four set screws of the pressing piece can be loosened or tightened to adjust the height according to label thickness);

Press the pressing cover toggle lever downward to open the pressing cover. The material roll is clamped between the pressing cover and the driving shaft. Press down the pressing cover to clamp the label;

Finally, the empty material roll is recovered through the waste tape recovery shaft sleeve.

★Notes:

The angle and direction of the material tape must remain straight;

For small labels that are difficult to peel, the direction of the peeling blade can be changed to the side with a smaller angle.

Label Feeder Fiber Optic Sensor Operation Instructions

I. Fiber Optic Sensor Appearance

- ①When the label is on the fiber optic point, the fiber optic amplifier will generate a corresponding sensing value.
- ②When the fiber optic working set value > fiber optic sensing value and the light is on, material is detected; when the fiber optic working set value < fiber optic sensing value, it is in a no-material state. In the figure, 200 is the fiber optic working set value. The working set value only needs to be 200 greater than in the no-material state.

Fiber Optic Sensor

Working Set Value

Fiber Optic Sensing Value

II. Key Description

Increase the fiber optic working set value. Decrease the fiber optic working set value.

III. Usage Instructions

Label Feeder Display Screen Operation Instructions

I. Display Screen Usage Instructions

- ①Working Mode Auto: production mode; Manual: stop production, used for loading and changing materials;
- ②Feeding Position: adjust the feeding distance, and adjust the appropriate feeding distance according to label size. (If the label curls upward or is fed too much, the feeding position is too large. If the label is not fed into position, the feeding position can be increased);
- ③Feeding Speed: when label peeling is completed, if the speed is increased or decreased, the feeding position needs to be correspondingly fine-tuned. If placement speed is not being pursued, setting it to 30-50 is sufficient to maintain stable feeding;
- ④Feeding Delay: that is, after feeding one material, wait a period of time before feeding the next material. The unit is 0.1s (if the manipulator picks material slowly and the label feeding speed is fast, a delay can be set);

⑤Production Quantity: counts each row of labels fed. Long press to clear and restart counting.

In manual mode, feed labels once.

In manual mode, the material roll moves back a small step; in automatic mode, pressing this key will automatically decrease the feeding position value.

In manual mode, the material roll moves forward a small step; in automatic mode, pressing this key will automatically increase the feeding position value.

Parameter settings, can set Chinese and English formats, and can set communication signals with the labeling machine (signal cable required).

After-Sales Warranty Terms

The warranty period is calculated from the date of product purchase, and the warranty period is one year.

During the warranty period, if the product does not work normally due to its own quality, our company will provide free repair service. Free repair is not provided under the following circumstances:

1. The product or component exceeds the corresponding warranty period;
2. Failure or damage caused by incorrect or improper use, maintenance, or storage, such as: improper handling; use not in accordance with the product's reasonably expected purpose; improper plugging and unplugging of external devices; dropping or improper external impact or extrusion;
3. Contact with or exposure to inappropriate temperature, solvents, acids and alkalis, water immersion or humid environments; or foreign object intrusion causing cracking, rusting, damage, etc. of the product or components;
4. Failure or damage caused by installation, repair, modification, addition, or disassembly by institutions or personnel not authorized by our company;
5. Failure or damage caused by force majeure or accidents.

After the warranty period expires and for equipment not covered by the free warranty terms, users can still receive repair services from our company, but parts and repair fees will be charged as appropriate.

Before shipment, we will debug the parameters according to the samples provided by your company. Usually, after receiving the product, it can be used after connecting to power. If there is

anything you do not understand about operation, our company's technicians can provide online remote operation guidance. Only when parts need to be replaced should the product be sent back by logistics.

Our Mission

Committed to solving in the field of electronics automation:

The technical problem of "pursuing innovation" during product research and development;

The technical problem of "stable operation" in industrial production;

The management problem of "continuous quality" during manufacturing;

The service problem of "efficient responsibility" during product use;

The market problem of continuously reducing customers' "comprehensive cost" of products.