

Intelligent Binding Machine



Instructions

Applications

The bundling machine provides a solution for many industries to save packaging cost and reduce labor intensity, which is widely used in agricultural market, printing, banking, medicine and other industries. With paper tape or plastic tape as binding material, it can bind vegetables, paper money, medicine boxes, cards, all kinds of printing materials and some daily stationery.

Features

1. The display interface can be switched between Chinese and English;
2. Fast binding speed, less than 2s/Tie.
3. Instant heating, ready to use;
4. The tightness can be adjusted to ensure that the bound goods are not damaged.
5. Consumables: common to OPP film tape and hot-melt paper tape;
6. Simple operation, automatic induction and manual operation;
7. Real time display of binding times;
8. Without detection function;
9. Automatic fault detection and prompt;

Technical parameter

Specification of consumables: OPP film tape, width 1.4-11.5mm, thickness 0.1-0.13mm

Frame size: 220x 170 mm

Maximum binding size: 200x 160mm

Minimum binding size: 20x 10mm

Binding speed: <2S/Tie

Use voltage: single-phase 220VAC / 50Hz or 110VAC | 60Hz

Weight: 13kg

Package size: length, width and height 32 * 30 * 40cm

Component and Functions

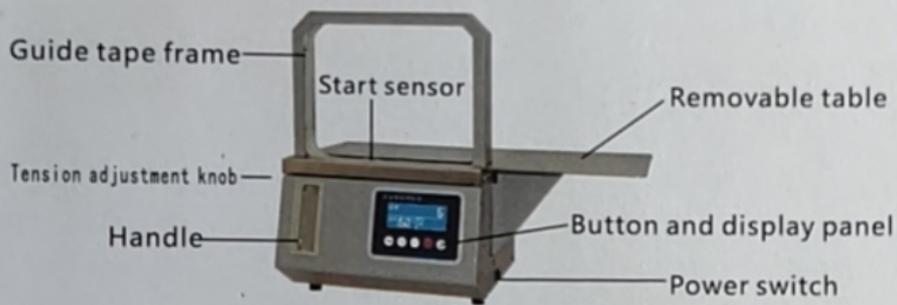


Figure 1

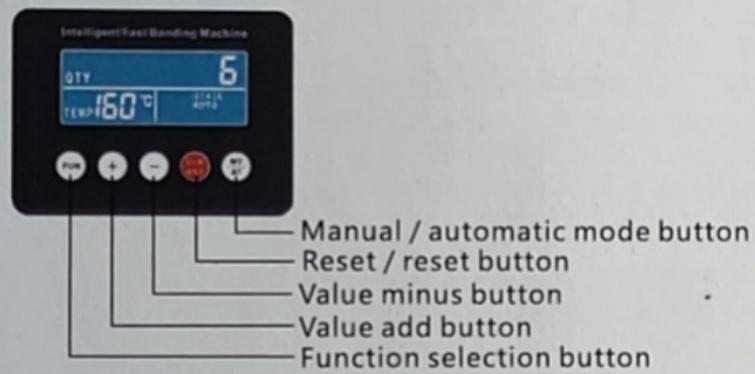


Figure 2

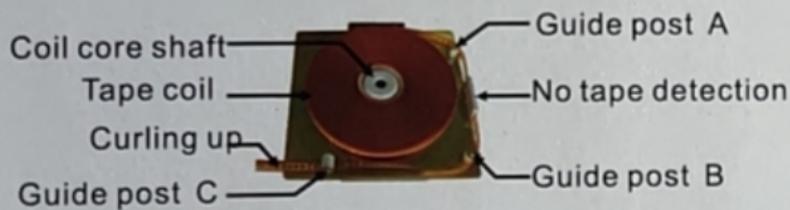


Figure 3

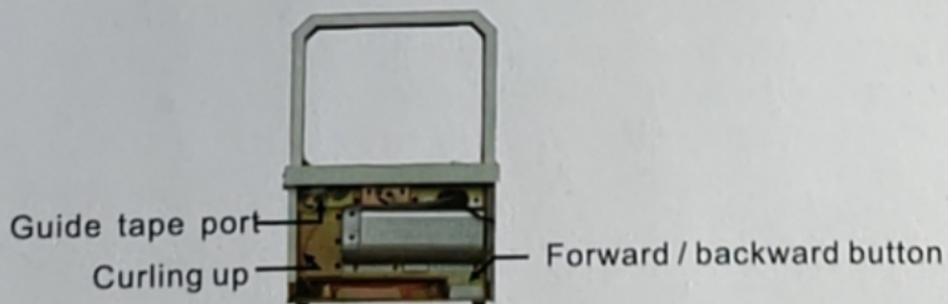


Figure 4

Operation instructions

1. Install the two workbenches randomly configured on both sides of the machine as required;
2. Connect the power cord, and press the power switch to the "on" position, the machine will enter the working state;
3. Install the opp tape

Open the front cover of the machine, pull out the belt reel at the bottom, as shown in Figure 3, put the belt reel into the belt reel, take out the head, bypass the guide pillar a, pass through the no belt detection frame, then bypass the guide pillar B, then pass through the guide pillar C, lead into the belt inlet, and press the "belt entry key" to complete the belt entry operation.

4. Binding:

First, select the required operating mode: manual or automatic mode.

A. Manual mode: put the bundled items into the guide belt frame, press the pedal switch once to complete the binding action;

B. Automatic mode: put the bundled goods into the belt guide frame and completely cover the starting sensor. The machine will automatically complete a binding action.

Note: manual mode is recommended for black objects.

5. Shut down

This machine has two functions: automatic sleep and manual shutdown; Automatic sleep: when the machine stops operating for more than the set time, the machine will enter the automatic sleep state, which the set time, the machine will enter the automatic sleep state, which has the effect of energy saving.

Manual shutdown: the user directly turns off the power switch. Note: please unplug the power cord when the machine is not used for a long time!

Parameter setting

Press the "function" key, the temperature display value flashes, indicating that the machine enters the parameter setting state.

1. Temperature value = 1: adjust the tightness (factory value is 6). press "+, "-" key to input the perimeter of the bundle, and the value range is 0-70cm. Press the "function" key again to switch to the next setting item;

2. Temperature value = 2: adjust the lead-in length (factory value is 6), press "+, "-" key to enter the required value. the value range (0-30), the larger the value, the longer the lead-in length, otherwise the shorter. Press the "function" key again to switch to the next setting item;

3. Temperature value = 3: start sensor sensitivity adjustment (factory value is 19), press "+, "-" key to input the required value, value range (3-60), the larger the value, the slower the response, otherwise the more sensitive. Press the "function" key again to switch to the next setting item;

4. Temperature value = 4: start delay time (factory value is 1), press "+, -" key to enter the required value, value range (1-9), each gear is 0.5s. Press the "function" key again to switch to the next setting item;

5. Temperature value = 5: set the tension time, adjustable range (1-10), and press "+" and "-" to enter the required value. Press the "function" key again to switch to the next setting item; .

6. Temperature value = 6: set the bonding cooling time, adjustable range (6-30). Press the "+" and "-" keys to adjust the cooling time. The larger the value, the longer the cooling time. Adjust according to the principle that the greater the rebound force of the bound object and the longer the cooling time. Press the "function" key again to switch to the next setting item;

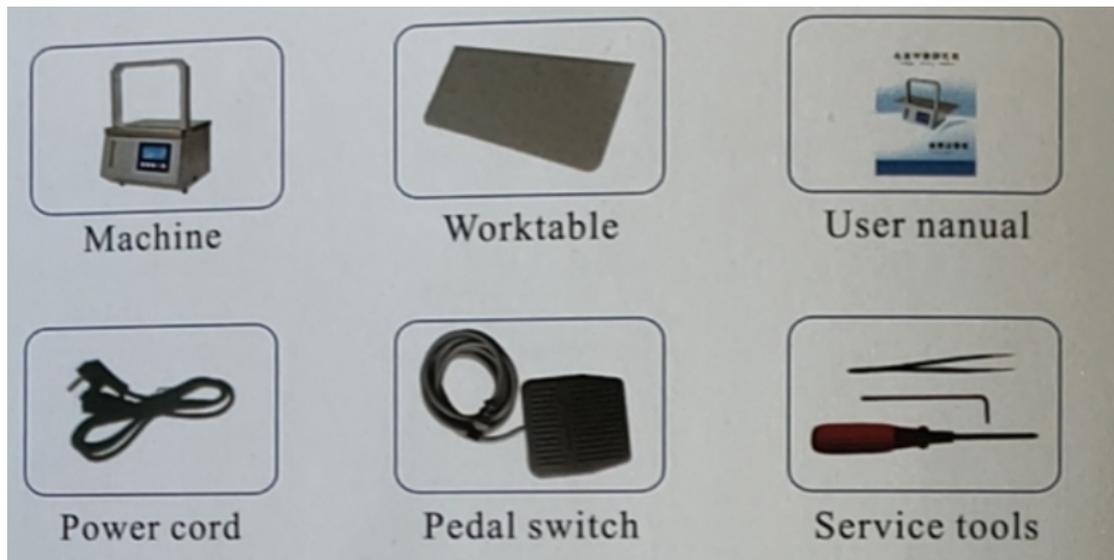
7. Temperature value = 7: set the belt feeding speed, adjustable range (1-11). The higher the value, the faster the speed. Too fast speed will lead to messy and loose consumables in the belt tray, resulting in unsmooth belt feeding.

Note: when the binding belt is butted by the sliding tongue, long press the "strip withdrawal" key for three seconds to retract the sliding tongue and clean it.

Matters needing attention

1. Ensure that the power supply is well grounded, otherwise there may be electric shock accidents for operators.
2. The voltage fluctuation range shall not exceed $\pm 5\%$, otherwise the normal operation of the machine will be affected.
3. Unplug the power cord before replacing the fuse;
4. The machine must be placed in a well ventilated and dust-free indoor environment;
5. It is strictly prohibited to use in the environment with inflammable and explosive gas or dust;
6. Rain and water are strictly prohibited;
7. Place the machine out of the reach of children;
8. In case of machine failure, unplug the power plug, and then repair it by professional maintenance personnel.
9. There are high-voltage electricity and moving parts inside the machine, it is strictly forbidden for non professional maintenance personnel to open them without permission;
10. It is strictly prohibited to put hands or other non bundled objects into the automatic sensing area, or shake them in the area, otherwise the machine may be damaged or personal injury due to the wrong transport of the machine.

Package content



After-sale service

The warranty period of the machine is one year from the date of purchase.

During the warranty period, if the machine fails in normal use, our company will provide free maintenance. The following are not covered by warranty:

- 1, Human negligence, such as falling, collision, etc;
2. Damage caused by natural disasters and force majeure;
3. Damage caused by dis-assembly without permission of maintenance personnel of the company;
4. Damage caused by improper packing when sending for repair.