

Auto splicing SMT material
machine

User Manual



Machine Name: Auto splicing SMT material machine

Machine Model: S-0808S

Attention: Please read this manual carefully before using the machine to avoid personnel or machine damage.

Content

1. Foreword
2. Machine Description
 - 2.1 Purpose and application of machine
 - 2.2 Introduction of the machine
 - 2.3 Technical parameter
 - 2.4 Notice for use
3. Operating Instructions
 - 3.1 Preparation and inspection before operation
 - 3.2 Automatic operation
 - 3.3 Manual operation
 - 3.4 Parameter setting
 - 3.5 Troubleshooting procedure
 - 3.6 Replace tape and cutter
 - 3.7 Safety instructions
4. Circuit Diagram
5. Application notice and Maintenance notes
6. Parameter and setting method of the component.



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7. Terms for use

8. Contact

9. Attachment:

9.1 BOM of quick-wear part

9.2 Operating instruction for components

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1. Foreword

Thanks for using our machine. It's our honor to be your supplier!

ShenZhen Southern Machinery Sales and Service Co.,Ltd.was established in shenzhen in 2011 after two years of "painstaking cultivation".Based on innovative technology enterprises, the company is committed to providing intelligent factory solutions and core technology products with intelligent manufacturing as the core at the beginning of the establishment. Adhering to the principle of "people-oriented, scientific and technological innovation, and win-win cooperation", our company constantly practices the mission of "creating value for customers".

Our company's core technical backbones all come from domestic and foreign large-scale well-known manufacturing enterprises. They have many years of practical experience in on-site lean management, process planning, system planning and improvement. Based on domestic and foreign advanced technologies, our company has independently developed a series of products applied in intelligent factories and intelligent manufacturing, which can

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fully meet multiple demands of manufacturing enterprises in the process of transformation and upgrading.

Smart manufacturing will be our mission forward.....

2. Machine Description

2.1 Purpose and application of machine

This machine is suitable for quick feeding of SMT automatic production line without stopping.

Application:

Adhesive tape and paper tape with a width of 8mm and a thickness of 0.25-1.3mm

Applicable to over 99% of materials in the market .Please confirm with our company for special materials.



The effect of adhesive tape bonding



The effect of paper tape bonding

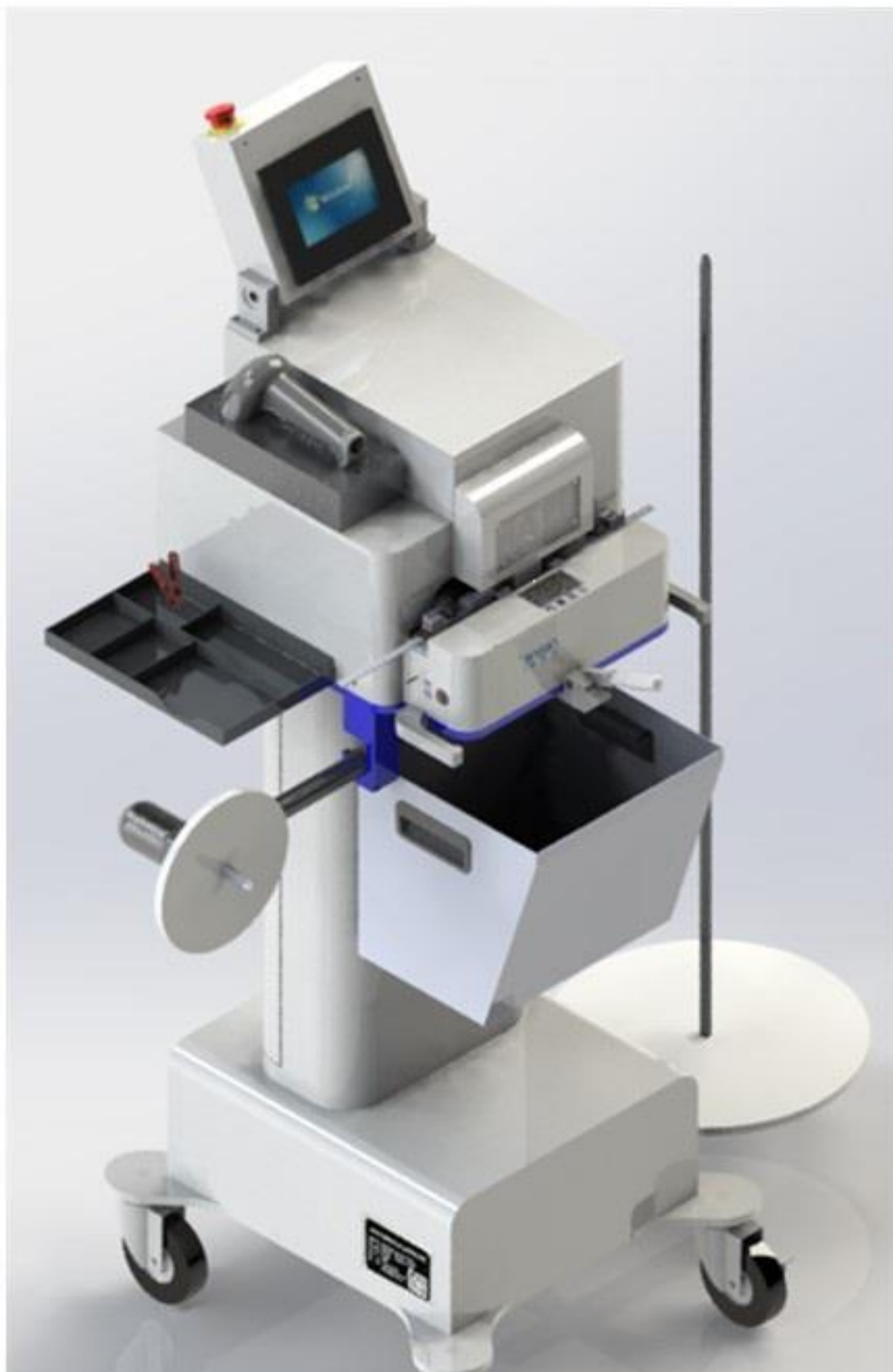
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Other matters not brought shall be executed as agreed in the contract between the parties!

2.2 Introduction of the machine

Auto splicing SMT material machine is independently developed by our company through more than two years' efforts, it is suitable for SMT 8MM material strap. The equipment can realize automatic butt joint for two rolls of 8MM material strap of the same specification, automatically detect and judge the position of empty material, accurately cut out, and automatically attach with adhesive tape. The equipment is easy to operate, and new employees can work after simple training. It solves the problem of shutdown of production line equipment caused by poor operation proficiency of new employees, which brings invisible economic loss to the company. The use of the machine greatly reduces the feeding time and improves the production efficiency. Make the feeding quality controllable and the production tempo controllable.

Outward appearance effect chart:



Structure declaration:

Emergency stop button

Industrial tablet PC

Power switch

Wireless scan gun

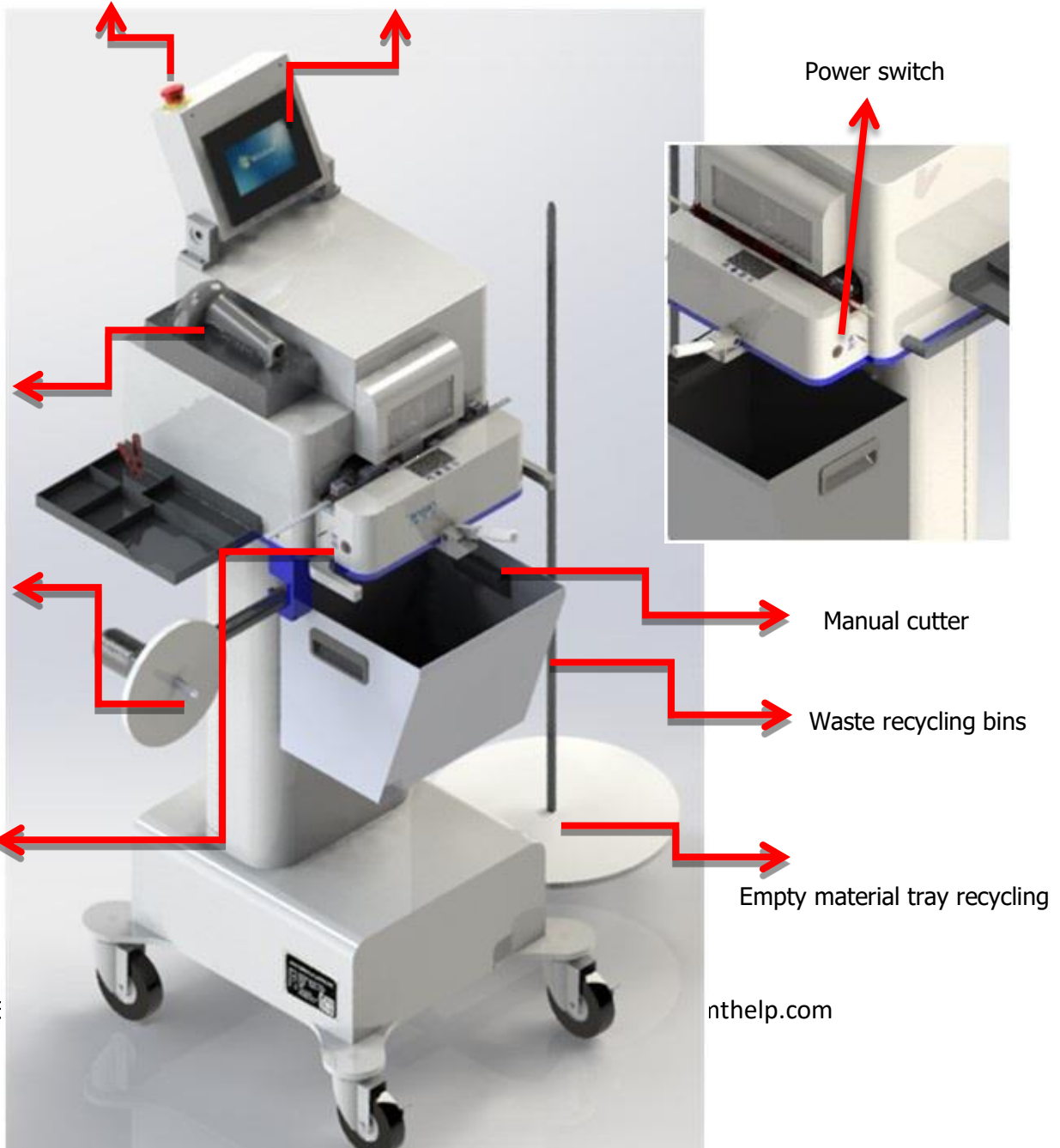
Loading structure

Manual cutter

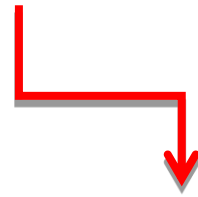
Waste recycling bins

Unloading switch

Empty material tray recycling



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Brake caster

Please put on the brake when the machine is working

Features of machine:

1、 Simple operation: 10 minutes of study can be skilled operation, no longer rely on skilled staff, reduce downtime and improve efficiency.

2、 Economize on manpower: Mobile operation, which can realize two-lines and one-person operation (the specific situation depends on the client line body planning).

3、 No part loss: Use optical fiber to automatically detect the presence of materials and automatically and accurately calibrate the splicing position, no part loss .

4、 Material strap recycle: It's convenient and efficient for operators to long press the unloading switch to automatically recycle the tape.

5、 Accurate and efficient : It only takes about 8 seconds and success rate up to 97%.

6、 Pass Rate: over 97%

7、 Fool-Proof System: Equipped with bar code scanning

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material function (optionally connected to the customer Fool-
Proof system)

2.3 Technical parameter

Product size	L520mm*W460mm*H1340mm
Operation height	910mm
splicing cycle	8s(Automatic unloading time is not included)
Connection precision	0.1MM
Application	Adhesive tape and paper tape (thickness :0.25-1.3mm, width:8M)
Power supply	lithium battery DC 36V or 24V
Work Period	>16h with a full battery
Charging voltage	220V 50Hz
Low voltage alarm function	The machine is equipped with low power alarm to remind you to recharge or replace the battery
Material loss	Equipped with empty material position detection function
Pass rate of splicing	≥97%
Mechanical noise	<50 decibel
Rated power	150W
Vaccum pressure	-30Kpa

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Material strap wrapup function	Button control can automatically picking the material
Auxiliary material	3000 pieces of tape per roll
Fool-Proof System	Equipped with bar code scanning material function (optionally connected to the customer Fool-Proof system)
Product weight	68KG

2.4 Notice for use:

- usage ambient temperature: 0 ~ +40 °C
- Usage ambient humidity: 10 ~ 95 %RH(at 25°C, 应无凝露)
- Power supply: Lithium battery, DC DC36V

Charge Voltage: AC 220V±10% ,

Frequency :50HZ

The battery must be charged at the socket where the leakage protection switch is installed.

- The machine can be used in an environment with pollution level 2 or below.
- Do not use in the following environment:
 - A place of direct sunlight
 - A place where condensation can occur due to a sharp change in temperature.
 - An environment with corrosive or flammable gases.

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- A place with lots of dust, iron powder and salt.
- A place that may be corroded by organic solvents such as gasoline, diluents, alcohol, or strong alkali such as ammonia water and sodium hydroxide.
- A place that may be directly affected by vibration or impact and a place that are directly affected by water droplets.
- Stay at least 3 meters away from high-voltage equipment , power equipment or equipment with amateur radio or other transmitters, as well as equipment with large switching surge impact. Otherwise it may cause human injury or fire.

Warning!!!

- Please do not let non-professionals repair and debug the electrical system, which will reduce the safety performance of the equipment, expand the fault, and even cause human injury and property loss.
- Please do not stack of debris around the control box, and regularly remove dust on the control box surface during using, which is conducive to ventilation and heat dissipation.

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- Please do not change the products without authorization. We are not responsible for the consequences caused by this.
- When it is really necessary to open the case, the professional must check the components in the electric cabinet after cutting off the power for 15 minutes!
- Do not touch any moving parts or open control equipment while the machine is working. Otherwise it may cause human injury or result in the machine not working properly!

3 Operating Instructions:

3.1 Preparation and inspection before operation:

- A、Clean machine and remove sundries irrelevant to production.
- B、Check if the emergency stop button is working properly.
- C、Press the power button to start the machine. Waiting for about 15S, the industrial control panel starts up and enters the standby state.

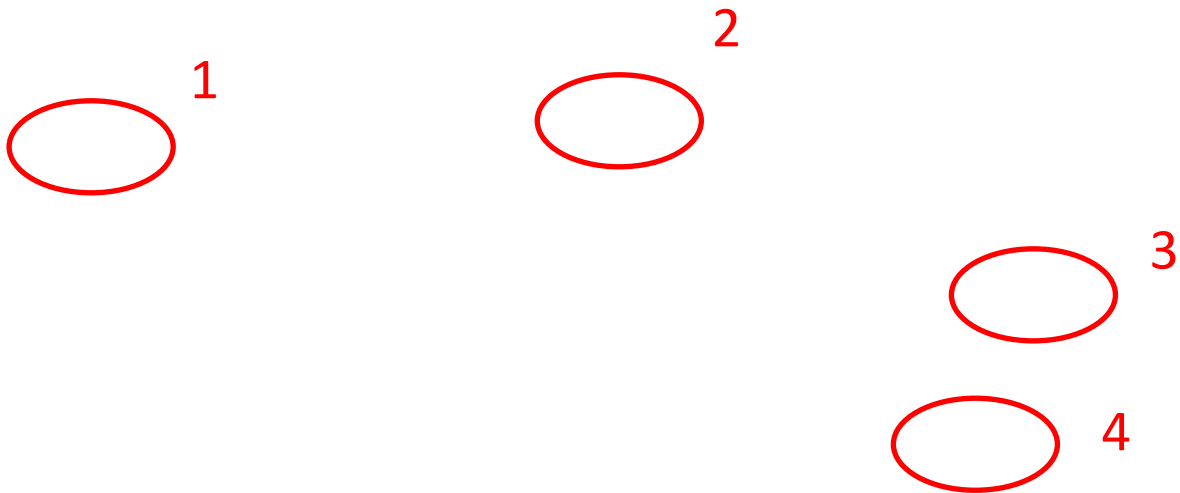
As shown below:

Attention: the machine needs to be shut down after using .Please turn off the computer and then press the power button to turn off the main power!!!

3.2 Automatic operation:

Operation instructions are as follows: If the customer is equipped with the material tracking and management system, we will shut down our Fool-Proof System .Take the forced splicing material as an example.





A、Click “manual mode” and the machine is switched from “manual mode” to “automatic mode”.

B、Choose “empty material position detection” 、 “based tape material”

C、Choose “material strap model” : Choose a distance of 8x2mm if material spacing of 2mm, Choose a distance of 8x4mm if material spacing of 4mm.

D、Put the material tray to be loaded into the main shaft of the loading material motor.

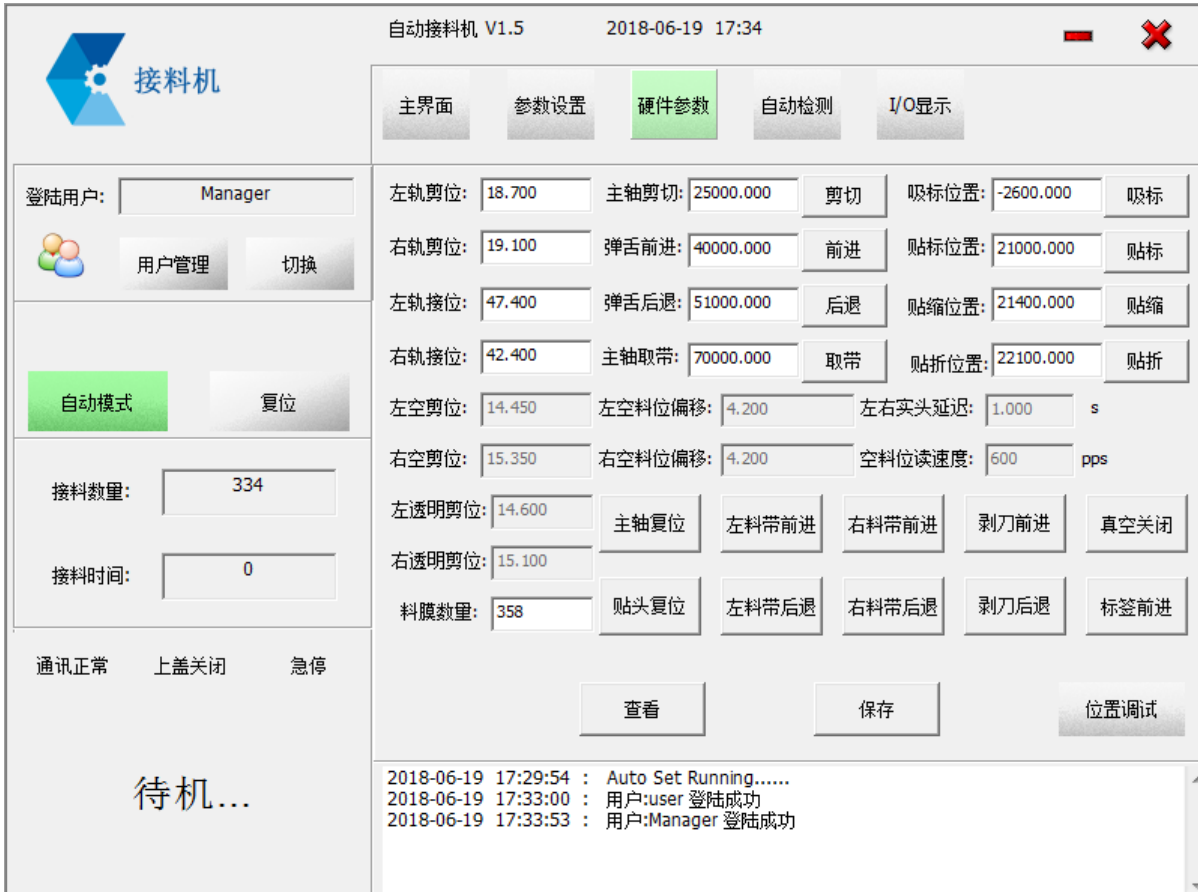
E、Insert the material strap to be loaded into the left side trough of the machine, and then insert the material strap used on the SMT machine into the right trough.

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Note: The material strap is inserted into the gear position until the gear drives the material strap forward.

Note: Do not hit the computer touchscreen with tool, otherwise it may damage the touch screen!!!

3.3 Manual operation:



自动接料机 V1.5 2018-06-19 17:34

接料机

主界面 参数设置 **硬件参数** 自动检测 I/O显示

登陆用户: Manager 用户管理 切换

自动模式 复位

接料数量: 334

接料时间: 0

通讯正常 上盖关闭 急停

待机...

左轨剪位: 18.700	主轴剪切: 25000.000	剪切	吸标位置: -2600.000	吸标	
右轨剪位: 19.100	弹舌前进: 40000.000	前进	贴标位置: 21000.000	贴标	
左轨接位: 47.400	弹舌后退: 51000.000	后退	贴缩位置: 21400.000	贴缩	
右轨接位: 42.400	主轴取带: 70000.000	取带	贴折位置: 22100.000	贴折	
左空剪位: 14.450	左空料位偏移: 4.200	左右实头延迟: 1.000 s			
右空剪位: 15.350	右空料位偏移: 4.200	空料位读速度: 600 pps			
左透明剪位: 14.600	主轴复位	左料带前进	右料带前进	剥刀前进	真空关闭
右透明剪位: 15.100	贴头复位	左料带后退	右料带后退	剥刀后退	标签前进
料膜数量: 358					

查看 保存 位置调试

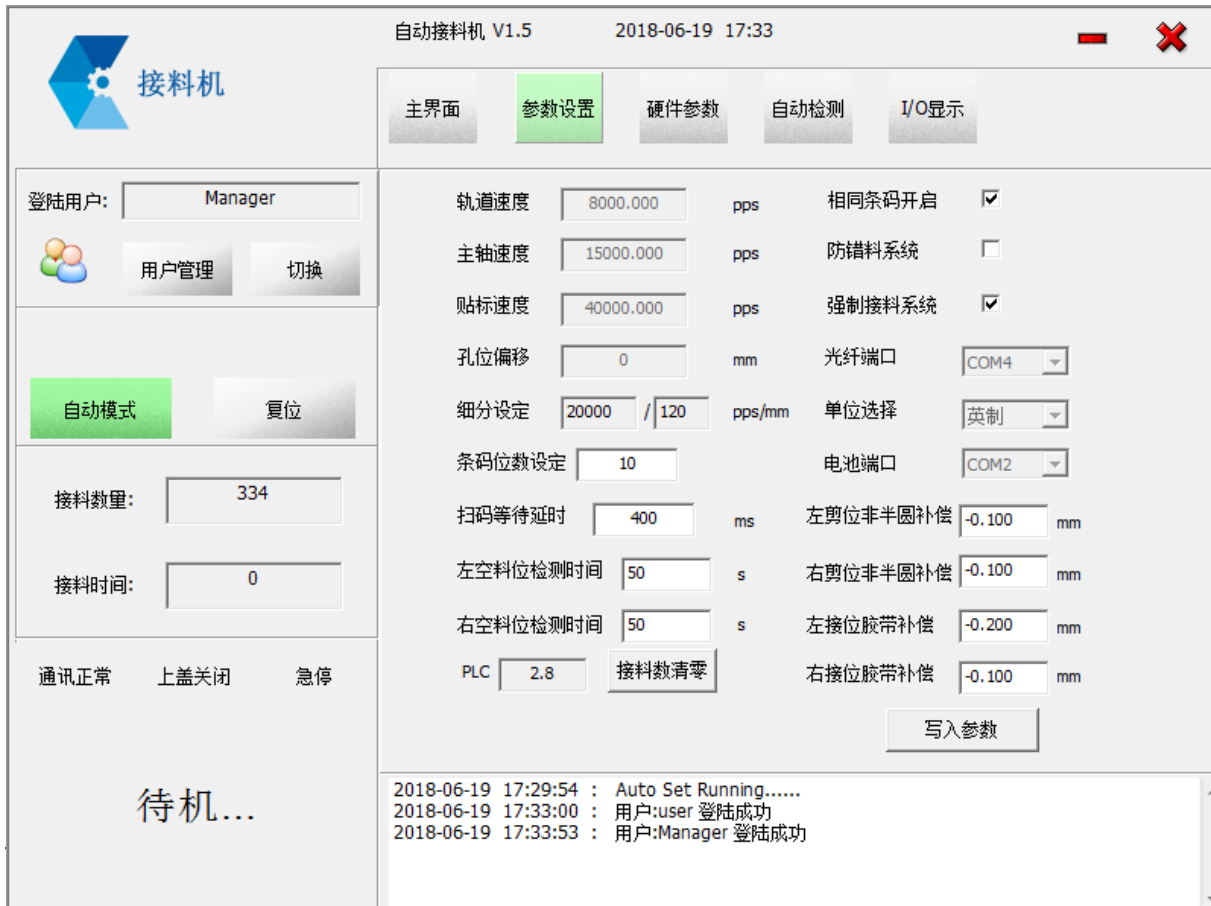
2018-06-19 17:29:54 : Auto Set Running.....
 2018-06-19 17:33:00 : 用户:user 登陆成功
 2018-06-19 17:33:53 : 用户:Manager 登陆成功

Click the corresponding button manually as needed.

Facing the machine, left side is left material strap inlet and right side is right material strap inlet.

3.4 Parameter setting:

Parameter setting:



自动接料机 V1.5 2018-06-19 17:33

接料机

主界面 **参数设置** 硬件参数 自动检测 I/O显示

登陆用户: Manager

用户管理 切换

自动模式 复位

接料数量: 334

接料时间: 0

通讯正常 上盖关闭 急停

待机...

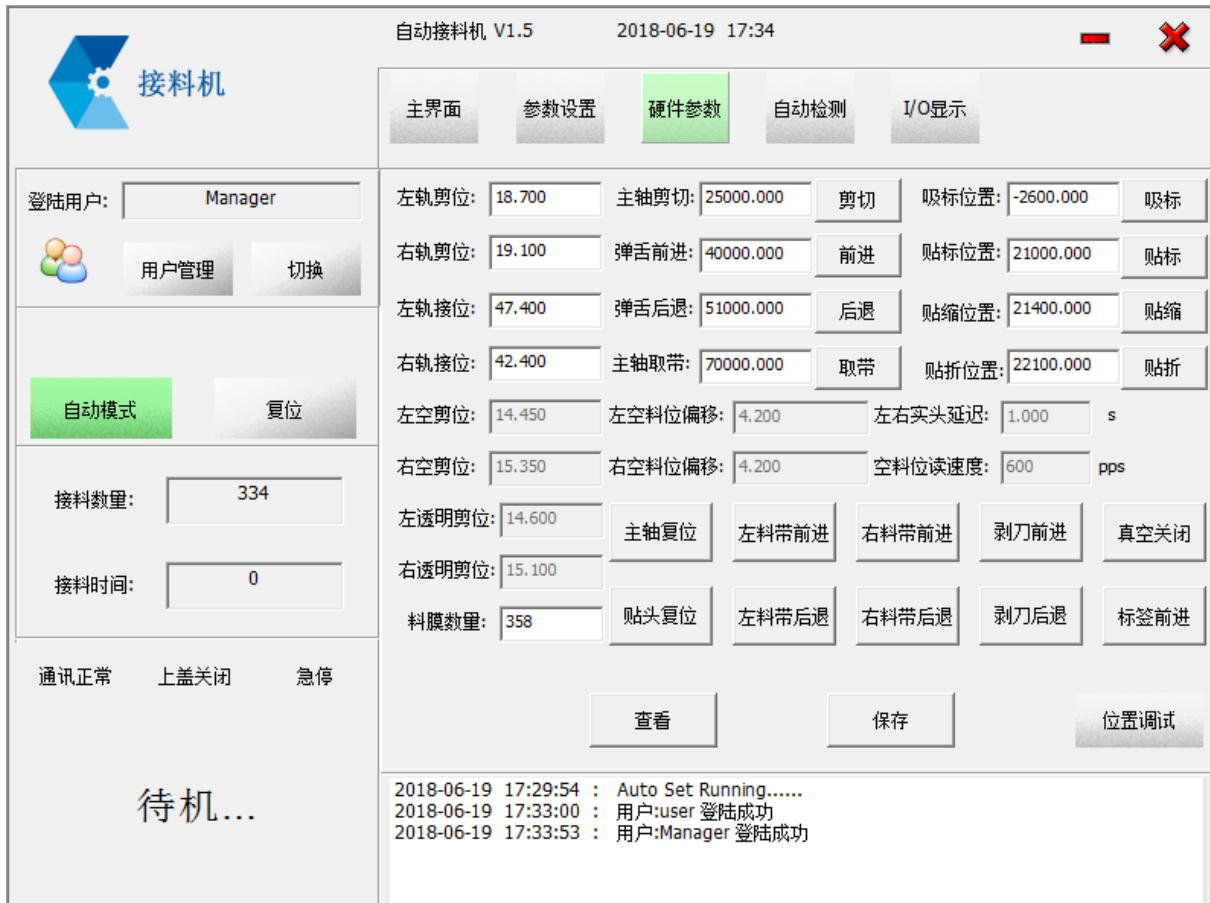
轨道速度	8000.000	pps	相同条码开启	<input checked="" type="checkbox"/>
主轴速度	15000.000	pps	防错料系统	<input type="checkbox"/>
贴标速度	40000.000	pps	强制接料系统	<input checked="" type="checkbox"/>
孔位偏移	0	mm	光纤端口	COM4
细分设定	20000 / 120	pps/mm	单位选择	英制
条码位数设定	10		电池端口	COM2
扫码等待延时	400	ms	左剪位非半圆补偿	-0.100 mm
左空料位检测时间	50	s	右剪位非半圆补偿	-0.100 mm
右空料位检测时间	50	s	左接位胶带补偿	-0.200 mm
PLC	2.8		右接位胶带补偿	-0.100 mm

接料数清零 写入参数

2018-06-19 17:29:54 : Auto Set Running.....
 2018-06-19 17:33:00 : 用户:user 登陆成功
 2018-06-19 17:33:53 : 用户:Manager 登陆成功

Please do not set any parameters for non-professionals.

Hardware parameters:



The screenshot shows the 'Hardware Parameters' tab of the 'Automatic Feeder V1.5' software. The interface includes a sidebar with user management and mode selection, a main parameter grid, and a status/log area at the bottom.

Parameter	Value	Parameter	Value	Parameter	Value
左轨剪位	18.700	主轴剪切	25000.000	剪切	
右轨剪位	19.100	弹舌前进	40000.000	前进	
左轨接位	47.400	弹舌后退	51000.000	后退	
右轨接位	42.400	主轴取带	70000.000	取带	
左空剪位	14.450	左空料位偏移	4.200	左右实头延迟	1.000 s
右空剪位	15.350	右空料位偏移	4.200	空料位读速度	600 pps
左透明剪位	14.600	主轴复位		左料带前进	
右透明剪位	15.100	左料带后退		右料带前进	
料膜数量	358	贴头复位		剥刀前进	
		左料带后退		剥刀后退	
		右料带前进		真空关闭	
		右料带后退		标签前进	

Additional interface elements include: '登陆用户: Manager', '用户管理', '切换', '自动模式', '复位', '接料数量: 334', '接料时间: 0', '通讯正常', '上盖关闭', '急停', '待机...', '查看', '保存', '位置调试', and a log window showing: '2018-06-19 17:29:54 : Auto Set Running.....', '2018-06-19 17:33:00 : 用户:user 登陆成功', '2018-06-19 17:33:53 : 用户:Manager 登陆成功'.

Fiber optic Parameters:



接料机

自动接料机 V1.5 2018-06-19 17:35

— ✕

登陆用户:

 用户管理
切换

自动模式
复位

接料数量:

接料时间:

通讯正常 上盖关闭 急停

待机...

主界面
参数设置
硬件参数
自动检测
I/O显示

	左空料补偿	左空料下限	左空料上限	右空料补偿	右空料下限	右空料上限
1	<input style="width: 40px;" type="text" value="100"/>	<input style="width: 40px;" type="text" value="0"/>	<input style="width: 40px;" type="text" value="250"/>	<input style="width: 40px;" type="text" value="100"/>	<input style="width: 40px;" type="text" value="0"/>	<input style="width: 40px;" type="text" value="250"/>
2	<input style="width: 40px;" type="text" value="150"/>	<input style="width: 40px;" type="text" value="250"/>	<input style="width: 40px;" type="text" value="400"/>	<input style="width: 40px;" type="text" value="150"/>	<input style="width: 40px;" type="text" value="250"/>	<input style="width: 40px;" type="text" value="400"/>
3	<input style="width: 40px;" type="text" value="350"/>	<input style="width: 40px;" type="text" value="400"/>	<input style="width: 40px;" type="text" value="800"/>	<input style="width: 40px;" type="text" value="260"/>	<input style="width: 40px;" type="text" value="400"/>	<input style="width: 40px;" type="text" value="800"/>
4	<input style="width: 40px;" type="text" value="680"/>	<input style="width: 40px;" type="text" value="800"/>	<input style="width: 40px;" type="text" value="1500"/>	<input style="width: 40px;" type="text" value="650"/>	<input style="width: 40px;" type="text" value="800"/>	<input style="width: 40px;" type="text" value="1500"/>
5	<input style="width: 40px;" type="text" value="850"/>	<input style="width: 40px;" type="text" value="1500"/>	<input style="width: 40px;" type="text" value="2000"/>	<input style="width: 40px;" type="text" value="860"/>	<input style="width: 40px;" type="text" value="1500"/>	<input style="width: 40px;" type="text" value="2000"/>
6	<input style="width: 40px;" type="text" value="1500"/>	<input style="width: 40px;" type="text" value="2000"/>	<input style="width: 40px;" type="text" value="3000"/>	<input style="width: 40px;" type="text" value="1500"/>	<input style="width: 40px;" type="text" value="2000"/>	<input style="width: 40px;" type="text" value="3000"/>
7	<input style="width: 40px;" type="text" value="2500"/>	<input style="width: 40px;" type="text" value="3000"/>	<input style="width: 40px;" type="text" value="4000"/>	<input style="width: 40px;" type="text" value="2500"/>	<input style="width: 40px;" type="text" value="3000"/>	<input style="width: 40px;" type="text" value="4000"/>

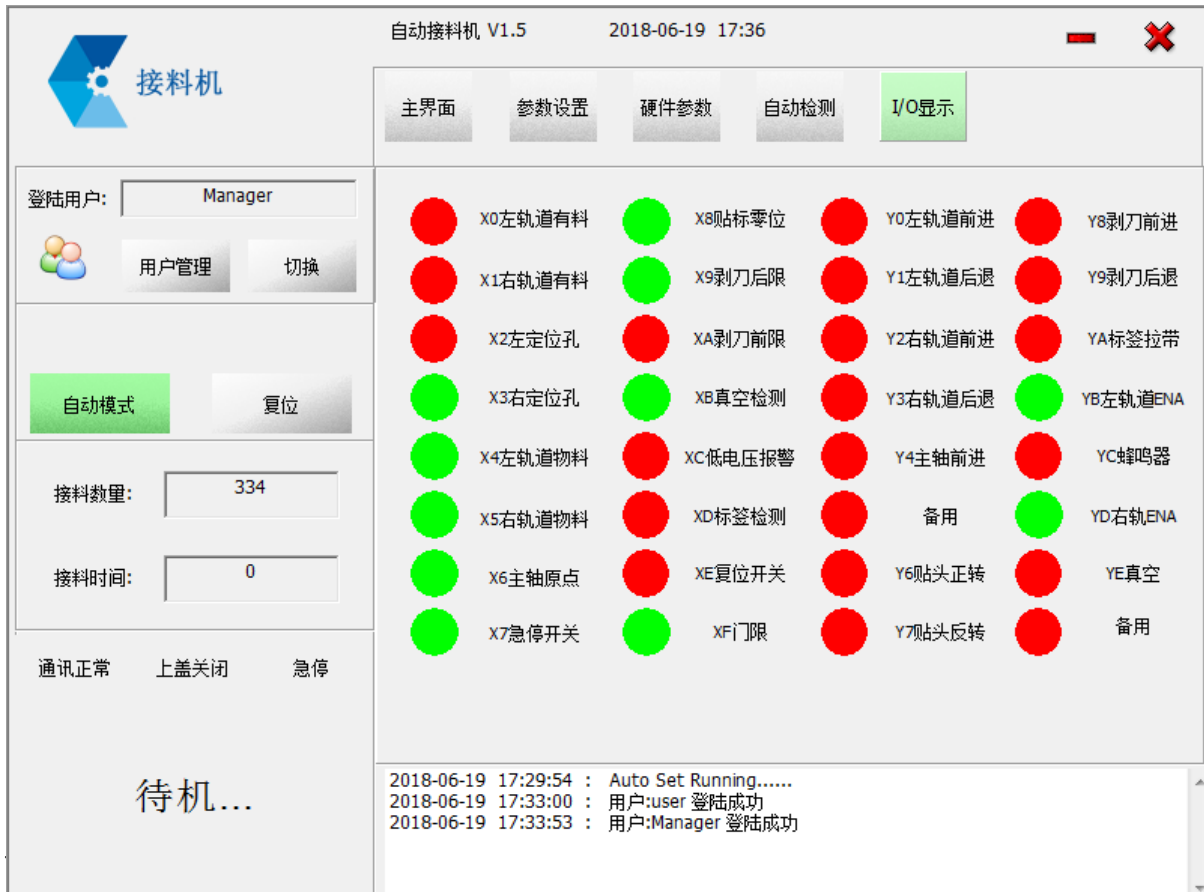
左透明均值
右透明均值
左触发值
右触发值

测试
保存

2018-06-19 17:29:54 : Auto Set Running.....
 2018-06-19 17:33:00 : 用户:user 登陆成功
 2018-06-19 17:33:53 : 用户:Manager 登陆成功

The fiber optic parameters have been set before delivery. Please do not change them.

I/O Display and view interface



The screenshot shows the I/O Display interface for the '自动接料机 V1.5' (Automatic Material Feeder V1.5) on 2018-06-19 at 17:36. The interface is divided into several sections:

- Header:** 接料机 (Material Feeder) logo and title.
- Navigation:** 主界面 (Main), 参数设置 (Parameter Settings), 硬件参数 (Hardware Parameters), 自动检测 (Automatic Detection), and I/O显示 (I/O Display - currently selected).
- User Management:** 登陆用户: Manager, 用户管理 (User Management), and 切换 (Switch).
- Mode Control:** 自动模式 (Automatic Mode - highlighted) and 复位 (Reset).
- Material Data:** 接料数量: 334 (Material Quantity) and 接料时间: 0 (Material Time).
- Status Indicators:** 通讯正常 (Communication Normal), 上盖关闭 (Top Cover Closed), 急停 (Emergency Stop).
- I/O Status Table:** A grid of 16 indicators showing the status of various components. Red circles indicate a fault or warning, while green circles indicate normal operation.
- Log:** A scrollable log at the bottom showing system events.

Indicator Color	Label	Indicator Color	Label	Indicator Color	Label	Indicator Color	Label
Red	X0左轨道有料	Green	X8贴标零位	Red	Y0左轨道前进	Red	Y8剥刀前进
Red	X1右轨道有料	Green	X9剥刀后限	Red	Y1左轨道后退	Red	Y9剥刀后退
Red	X2左定位孔	Red	XA剥刀前限	Red	Y2右轨道前进	Red	YA标签拉带
Green	X3右定位孔	Green	XB真空检测	Red	Y3右轨道后退	Green	YB左轨道ENA
Green	X4左轨道物料	Red	XC低电压报警	Red	Y4主轴前进	Red	YC蜂鸣器
Green	X5右轨道物料	Red	XD标签检测	Red	备用	Green	YD右轨道ENA
Green	X6主轴原点	Red	XE复位开关	Red	Y6贴头正转	Red	YE真空
Green	X7急停开关	Green	XF门限	Red	Y7贴头反转	Red	备用

Log:

```

2018-06-19 17:29:54 : Auto Set Running.....
2018-06-19 17:33:00 : 用户:user 登陆成功
2018-06-19 17:33:53 : 用户:Manager 登陆成功
  
```

待机...

3.5 Troubleshooting procedure:

When the machine fails or does not work, check the alarm content in the lower left corner of the interface. And the alarm content will be displayed with red dots.

A、When the machine shows the emergency stop, turn the emergency stop button to the right, and the button will bounce, and the emergency stop will be removed.

B、If the screen prompts the top cover to open, close the top cover. If the top cover is actually closed and the screen also shows that the top cover is open, please contact the management for professional maintenance.

C、After inserting the material strap from left rail and right rail respectively, check whether there is the material strap on the bare rail. If there is no material strap on the rail, check if there is debris on the switch. If this cannot be resolved, please contact management for professional maintenance.

The opening setting and operation process of the Fool-Proof System Select " Fool-Proof System " in "parameter setting" interface, then click "write parameters", and then click "main interface".





Exit the " Fool-Proof System" and enter the " Forced splicing material system ".

Click the main interface and enter the mode of Fool-Proof System, as shown below:



The display interface is transformed from FIG. 1 to FIG. 2 after successful scanning and matching, then enter the splicing material process for normal splicing.

FIG. 1



FIG. 2



After failing to scan and match, the display screen is shown "match failed, please scan the code again" (as the following figure). At this time, The next step cannot be conducted, please scan the code again.

JN08085 - 接料机 V1.42018-01-16 16:46:50✖

接料机

登陆用户:

用户管理 切换

停止物料扫描系统

手动模式复位

接料数量:

接料时间:

通讯正常上盖关闭急停正常

待机...

接料系统

1、请扫入旧物料条码

旧料条码: L94771049900000040(

新料条码: CEJMK107BJ106MA-T

比对结果: FAIL

提示: 失败。请确认是否错料!

```
L94771049900000040001610BR1117WENTERCEJMK107BJ106MA-TRDQ1ENTER
2018-01-16 16:46:48 : 新物料条码: CEJMK107BJ106MA-TRDQ
2018-01-16 16:46:48 : CEJMK107BJ106MA-TRDQ: 匹配失败, 请重新扫描(旧料和新料)!
```

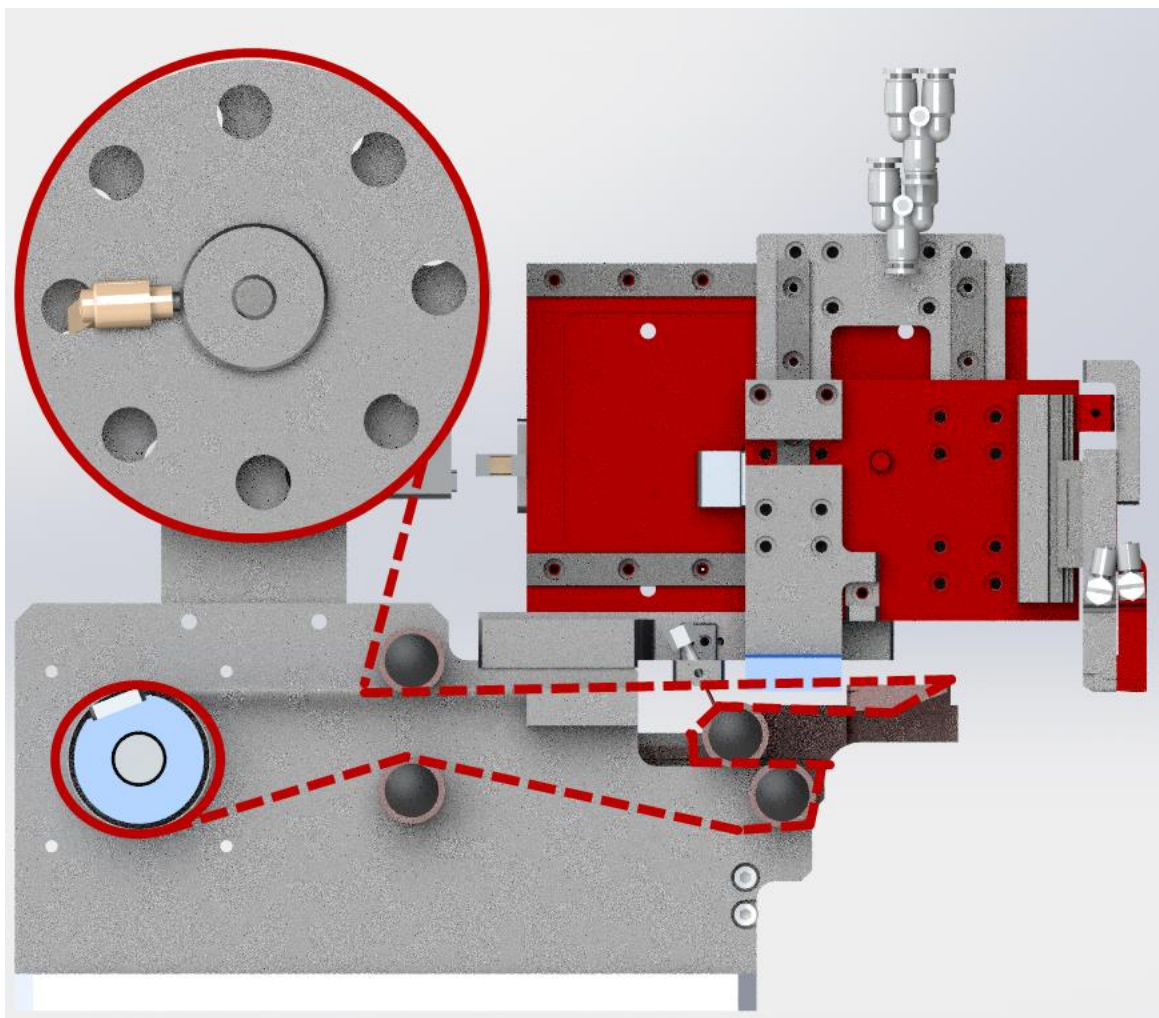
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3.6 Replace tape and cutter

1) Replace tape

When the tape is used up, need to replace new tape.

The installation path of the tape is as follows, the membrane side of tape should be installed upward.



After replacing new tape, if the tape keeps going and does not stop, then focus the optical fiber in the yellow zone of the

tape. Finally, Press the "SET" key of color recognizer and wait for 3S.

2) Replace cutter

①After starting up, cancel the "automatic mode" and click the "cut" button under "manual mode". Wait until the spindle is turned to the appropriate position before shutting down. Or after shutdown, turn the spindle to the shear mode with a 10mm open spanner.

Note: Rotate in the direction of automatic operation, that is the spanner rotates in the direction of the operator standing.



The screenshot displays the control interface for the JN0808S - 接料机 V1.4. The interface includes a top navigation bar with tabs for '主界面', '参数设置', '硬件参数', '自动检测', 'I/O显示', and '报警信息'. The '硬件参数' tab is highlighted with a red circle and the number 2. On the left side, the '手动模式' button is circled in red with the number 1. In the main parameter area, the '剪切' button is circled in red with the number 3. The interface also shows various numerical parameters for cutting and material handling, along with status indicators and a log window at the bottom.

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- ② Remove the upper cutter before removing the lower one.
- ③ Put in the lower cutter firstly, but do not tighten the screw. Then put in the upper cutter and not tighten the screw. After the upper and lower cutter are close together, first tighten the upper cutter screw, and then tighten the lower cutter screw.
- ④ Rotate the spindle to the origin with an open spanner according to the direction of automatic operation. Insert material strap into the entrance of the rail on both sides of the machine, and pay attention to the position of the material. Then turn the spindle with an open spanner to check if the shearing effect is up to standard. If fail, repeat step 3.

3.7 Safety instructions:



Warning

- ① Please do not let non-professionals repair and debug the electrical system, which will reduce the safety performance of the equipment, expand the fault, and even cause human injury and property loss.

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② Please do not stack of debris around the control box, and regularly remove dust on the control box surface during using, which is conducive to ventilation and heat dissipation.

③ Please do not change the products without authorization. We are not responsible for the consequences caused by this. !

④Warning

When it is really necessary to open the case, the professional must check the components in the electric cabinet after cutting off the power for 15 minutes!

⑤Forbidden

When the machine is in motion or in an actionable state, it is prohibited to enter the range of motion of the mobile department and touch any moving parts or open control equipment. Otherwise it may cause human injury or result in the machine not working properly.

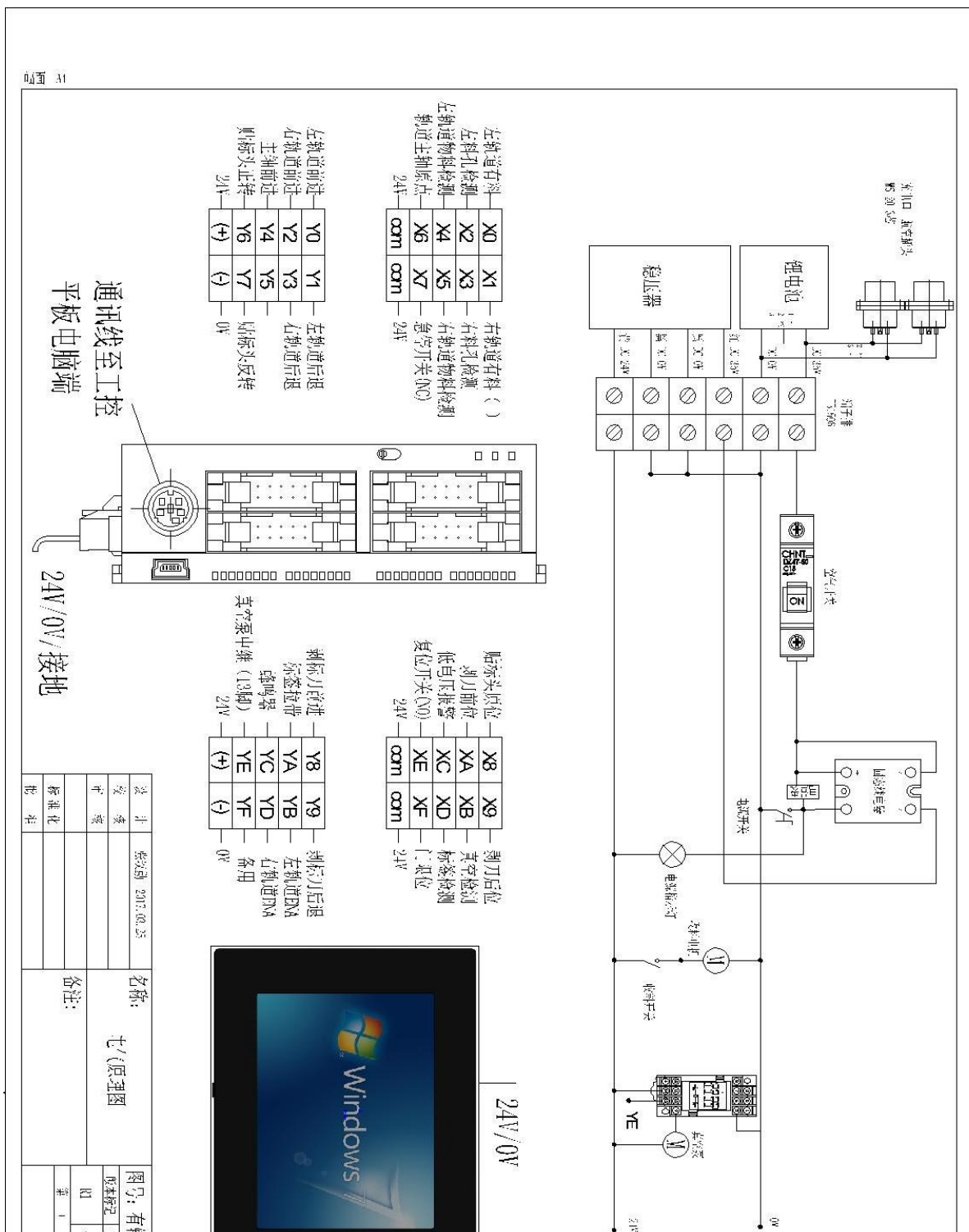
Electrical equipment is prohibited from working in damp, dust, corrosive gas, flammable and explosive gas places, otherwise electric shock or fire may be caused!

Do not move or install the motor or sensor when it is energized. Otherwise it may cause an electric shock. In addition, the wrong action may cause human injury.

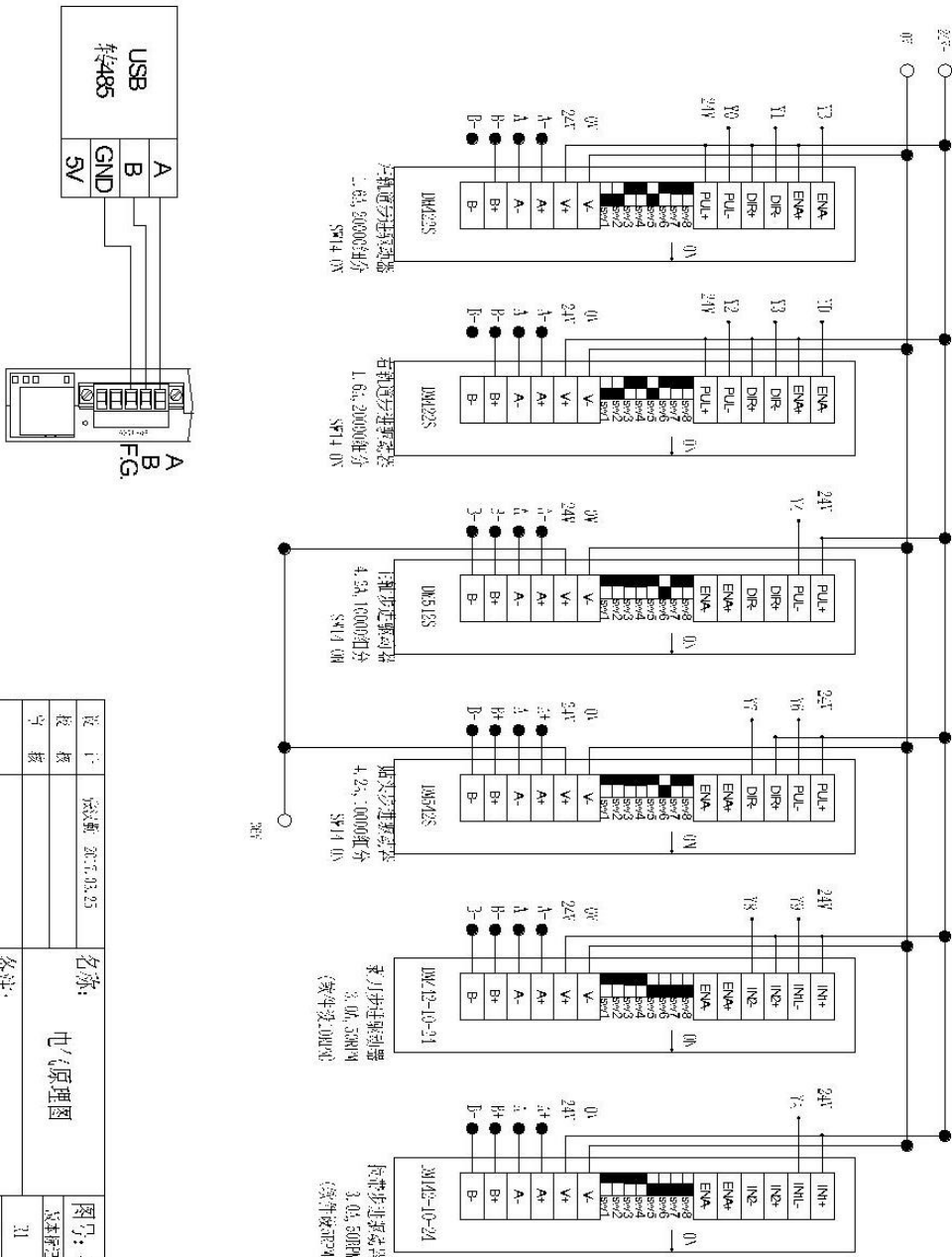
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When repairing, please cut off the electricity and air to avoid human injury caused by wrong action!

4. Circuit Diagram



图号: A1



图号: 名称:	图号: A1	名称: 电机原理图
版本号:	版本号: 001.01.25	版本号: 001.01.25
审核:	审核:	审核:
设计:	设计:	设计:
备注:	备注:	备注:
标准:	标准:	标准:
日期:	日期:	日期:
第 1 页	共 1 页	共 1 页

5. Application notice and Maintenance notes

Maintenance and inspection should be performed 15 minutes after switching off the power supply and air source.

Equipment maintenance is performed only after it is confirmed that the driven object has been taken care of to prevent falling and violent disposal.

When many people work, they should confirm the steps, gesture signal and measures in the event of an abnormality in advance.

In addition, when starting again, make sure that the movable part does not have any remaining tools and bolts, etc.

The following problems should be paid attention to in the maintenance of important parts:

1) Pressure switch:

Do not drop and pound the machine body when using. Compressed air should not contain water or water vapor.

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2) guide rail:

- ① Lubricating grease should be added once every 100 kilometers of operation. (About 320,000 pieces were processed)
- ② Do not disassemble this product without permission. Otherwise, foreign matter may enter or decrease in accuracy.
- ③ When adding lubricating grease, be careful to prevent foreign matter from sliding into the ball bearing. Otherwise, the product may fail. In addition, it may have bad effects on product performance and service life.
- ④ Do not mix different kinds of lubricating grease. Otherwise, it may damage product performance.
- ⑤ Check whether the screws in each part of the machine are loose. If necessary, please re-tighten the screws. In particular, check the screws installed on the body, screws between spindle and cam, and screws installed on motor.
- ⑥ Please fill lubricating grease with grease gun.

6. Parameter and setting method of the component.

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1)The setting mode of the color recognition optical fiber sensor detected by the tape is detailed in 《ELL-C1 Dual - number color optical fiber sensor》.

2)The setting mode of the fx-501 digital fiber sensor detected on both left and right sides is detailed in 《fx-501-c2 Digital optical fiber sensor specification》 and 《fx-500_pro Mode operation manual》。

A、Locking Function

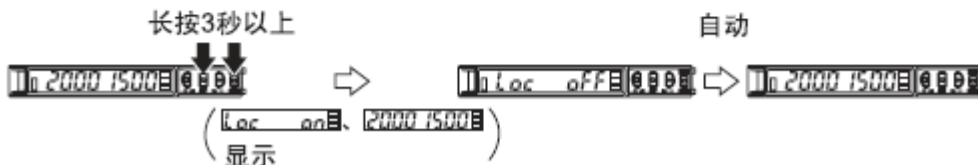
8 键锁定功能

- 键锁定功能指在各设定模式下，不接受键操作的功能,以避免在设定条件错误时进行变更。
- 设定键锁定后进行键操作时，数字显示部将显示“Loc on”。

<设定键锁定>

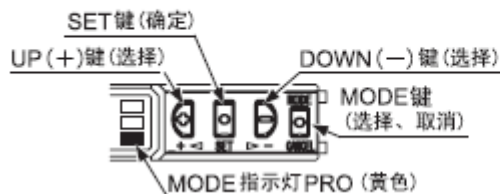


<解除键锁定>





B、Restore Factory Defaults

各部分名称



图中的符号说明

- SET
 : 按SET 键
- +,-
 : 按UP(+)键或DOWN(-)键
- 自动
 : 自动跳至下一项

Press the MODE key to enter "PRO MODE". If not, check whether "set key locked".

5 操作方法

设定过程中切断电源时，由于变更的内容并未保存，因此请务必按下SET键确认设定后再切断电源。

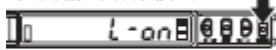
- 接通电源后进入RUN 模式，数字显示部显示阈值(绿色)和入光量(红色)。

<RUN模式>



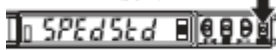
- 显示阈值(绿色)和入光量(红色)。
- 可设定教导、阈值微调及键锁定功能。
- 各功能的设定方法请参照“7 教导模式”、“8 阈值微调功能”及“9 键锁定功能”。

<检测输出动作模式>



- 可设定为入光时ON或非入光时ON。
- 设定方法请参照“10 检测输出动作模式”。
- 初始状态为“L-on”(入光时ON)。

<CUSTOM模式>



- 显示通过CUSTOM模式设定的项目(响应时间设定、投光量设定、滞后设定)。
- 详情请参照“11 CUSTOM模式”。
- 初始状态为“SPEd”(响应时间设定)。

<PRO模式>

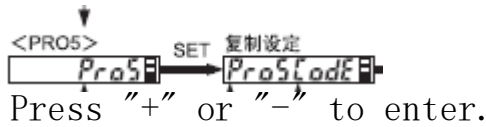


- 可进行高级设定。
- 设定方法请参照“12 PRO模式”。

<RUN模式>

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Press "SET" and then press "+" or "-" to enter the PRO 5.



3) Please refer to the 《DPS Series electronic digital pressure switch》 for the setting of pressure switch.

7. Terms for use

①Warranty period

The warranty period of our products is one year from the date of purchase or delivery to the designated place.

②Warranty scope

Our company will replace or repair the machine for free when the machine breaks down due to our company's responsibility during the warranty period. However, when the fault cause is in one of the following circumstances, it does not belong to the warranty scope.

a) Do not use according to the conditions, environment and operation methods as specified in the product catalog or operation manual;

b) Reasons not related to the product itself;

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- c) Modification or maintenance without our authorization;
- d) Not used in accordance with the method of our products;
- e) Failure that cannot be predicted at the technical level prior to product delivery;
- f) Failure caused by natural disaster or other force majeure other than our responsibility.

In addition, the above warranty issues refer to the warranty of the product itself. Other losses caused by the breakdown of our company's products do not belong to the warranty object.

limitation of liability:

We will not be responsible for any special, indirect or negative loss caused by our products.

1) During the warranty period, our company provides free on-site service and parts replacement. If the machine failure caused by the customer is not covered by the warranty, our company will provide the service at the cost price. Consumables are not covered under warranty.

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2) Our company provides lifelong technical support and guarantees the supply of spare parts and technical services for no less than 5 years.

3) Our company promises to reply by phone within 4 hours when the machine breaks down. If you need door-to-door service, we promise to leave for the site within 1 working day.

8. Contact:

If you have any comments or suggestions on our machine and services, please call us!

ShenZhen Canaan Corporation Technology Co.,Ltd

Address in south China:

3rd floor, 6# block , Jiuyang Industrial Park,
Peace Community, Fuyong Town, Bao' an District,
Shenzhen City, China.

Contact: Mr. Yuan Mobile: 138 2325 1800

Technical Support and after-sales Service:

Mr. Zhang Mobile: 134-2184-9140



Southern Machinery Sales and Service Co., Limited

Address in east China:

4-410, NO.18 of Kuachun Road, Suzhou Industrial Park,
Jiangsu Province, China.

Contact: Mr.kong

Mobile: 138 2325 1800

Technical Support and after-sales Service:

Mr. Zheng

Mobile: 182-6016-8724

9. Attachment:

9.1 BOM of quick-wear part

序号	品名	图号	数量 (件)	材料	特殊处理	备注
1	right-cut tool	JN-0810-01-20	1	440C		
2	left-cut tool	JN-0810-01-20 mirror image	1	440C		
3	切刀上模 2	JN-0810-01-30	1	440C		
4	切刀上模 2	JN-0810-01-30 mirror image	1	440C		

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9.2 Operating instruction for components

《fx-501-c2 Digital optical fiber sensor specification》

《fx-500_pro Mode operation manual》

《ELL-C1 Dual - number color optical fiber sensor》

《DPS Series electronic digital pressure switch》

Explanation:

The performance of this product is under continuous improvement. We are sorry for any change without prior notice. Equipment.

Optimization and upgrading will cause the actual situation and manual content inconsistent. Please take the real object as the standard and contact our company in time.

Solemn statement:



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