

# 锁两眼装置

Button holing device

(MB8021B)

# 使用说明书

Instruction Manual

## 常州智谷机电科技有限公司

CHANGZHOU WISDOM & VALLEY ELECTRICAL TECHNOLOGY CO., LTD

**在使用本设备之前请先阅读本使用说明书**

Please read the operation manual of the touch screen interface before using the device

**请将本使用说明书放在便于查阅的地方保管**

Please keep this operation manual of touch screen interface in convenient place for reference

版本信息/ Version

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2022. 04. 03

**感谢购买 IMB 工业用缝纫机。**

**在使用此机器之前，请仔细阅读以下的说明，这样可以更好地帮到您了解此机器的相关操作。**

**这些说明是根据现行的条例明确阐述了正确的工作方法。**

Thank you for purchasing this industrial sewing machine from IMB

Before using this automatic unit, please read the following instructions, which will help you to

understand how the machine operates.

These instructions illustrate the correct working methods to comply with current regulations.

**在没有得到IMB授权许可的前提下，此说明书的任何部分是不可以被复制或转录的。说明书的内容可能被修改，而不需预先通知。**

No part of this manual may be copied or transcribed without requesting prior authorization from IMB

The contents of this manual may be subject to change without advance notification.

**我们将欣然接受各位提出的改进此说明书的任何建议和指示**

We are happy to receive suggestions and/or indications on ways we could improve this manual.

**本机介绍说明分为三部分，具体请参照《MB8021B 全自动衬衫冷折装袋机-使用说明书》、《MB8021B 全自动衬衫冷折装袋机-零件手册》、《MB8021B 全自动衬衫冷折装袋机-触摸屏界面操作说明》。**

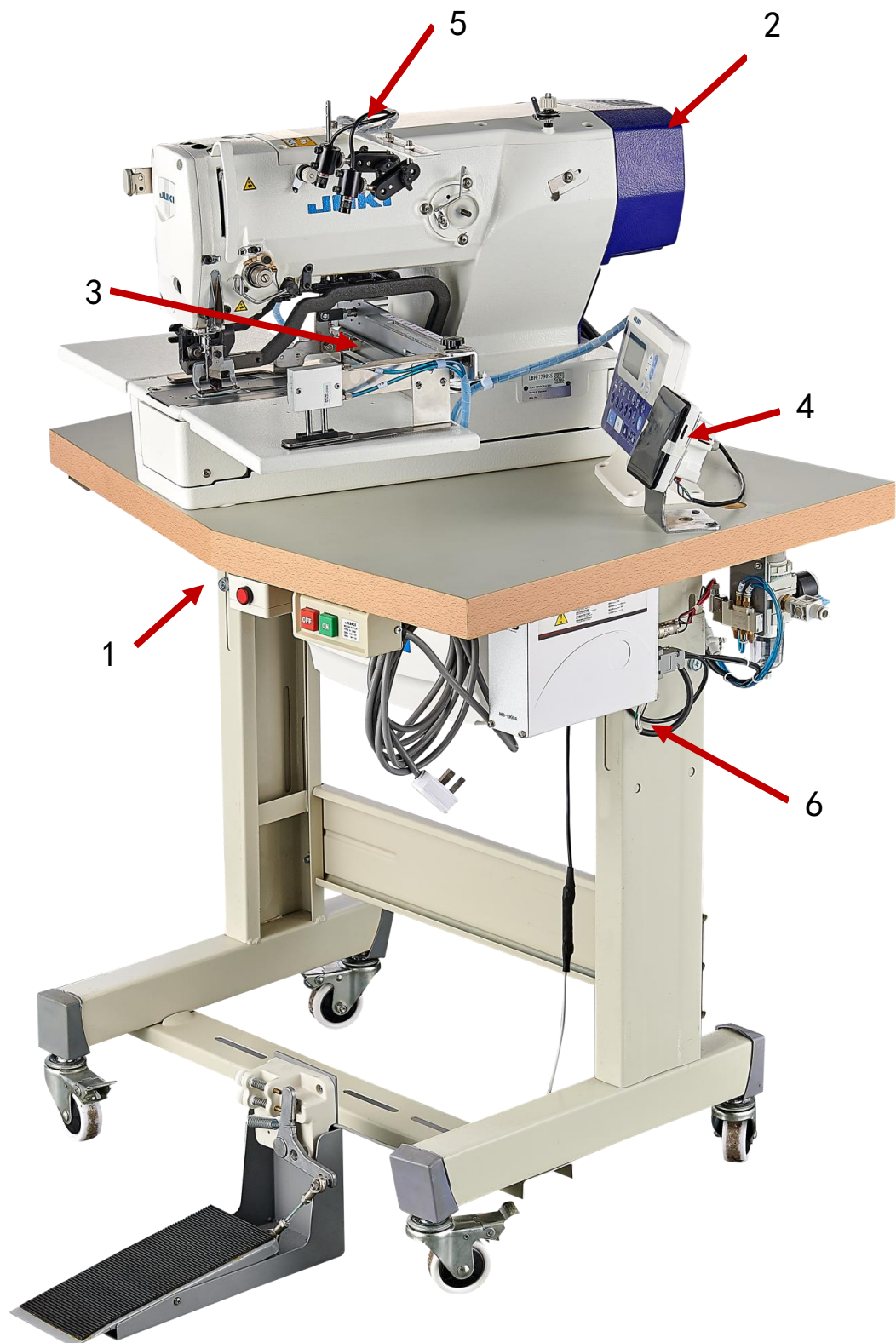
The introduction of this machine is divided into three parts. For details, please refer to 《MB8021B Operation manual》 and 《MB8021B Parts Manual》《MB8021B Touch screen interface operation instructions》

**ENGLISH**

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## 1、 Basic information of the equipment





1: Table stand ; 2: Machine head 3: Device; 4: Touch screen; 5: Laser (Optional)  
6: Control box.

## 2、Technical parameters of the equipment

MB8021B Button holing device		
1	Machine head	Optional
2	Working voltage /V	220
3	Working pressure /Mpa	0.5
4	Hole number of single sewing/pc	$\leq 4$
5	Maximum stroke/mm	$\leq 180$

### 3、 Safety precautions

#### Considerations for safe use of automata

 危険	<p>1. In order to prevent accidents caused by electric shock, please do not open the cover of the electrical box of the motor or touch the parts in the electrical box when the power is connected.</p>
 注意	<p>1. In order to prevent personal injury, please do not operate the machine in the state of removing the belt guard, finger protector and other safety devices.</p> <p>2. In order to avoid being involved in the machine's personal accident, please do not let your fingers, hair, clothes near the pulley, v-belt, motor, and do not put items on it during the operation of the sewing machine.</p> <p>3. To prevent personal injury, please do not put your finger near the needle when turning on the power or running the machine.</p> <p>4. In order to prevent personal injury, please do not put your fingers in the wire pole guard during the operation of the sewing machine.</p> <p>5. When the machine is running, it turns at a high speed. To prevent damage to the hand, never let the hand near the cutter during operation. In addition, when changing the cable, please be sure to turn off the power.</p> <p>6. In order to prevent personal injury, please be careful not to pinch your fingers when the machine moves up and down or when you return to the original position.</p> <p>7. Please do not cut off the power or air supply while the machine is running.</p> <p>8. In order to prevent accidents caused by sudden starting, please remove the cloth guide when the preparation work is finished and the sewing state is reached.</p> <p>9. In order to prevent accidents caused by electric shock, please do not operate the sewing machine when the ground wire of the power supply is removed.</p> <p>10. In order to prevent accidents caused by electric shock and damage to electrical parts, be sure to turn off the power switch before inserting or unplugging the power plug.</p> <p>11. In order to prevent accidents caused by damage of electrical parts, please stop the operation for safety when it thunders and pull the power plug.</p> <p>12. In order to prevent accidents caused by damage to electrical parts, condensation will occur when moving from a cold place to a warm place immediately, so please wait until the water drops dry before switching on the power.</p> <p>13. As this product is a precision machine, please pay full attention to it during operation, do not splash water or oil on the machine, and do not let the machine fall and give the machine impact.</p> <p>This machine is A class A industrial machine. The use of this machine in the home environment may cause the phenomenon of radio interference. At this point, please take appropriate measures to solve the problem of radio interference.</p> <p>15. After the power switch is turned off when the accumulator moves, the accumulator lever moves, so please be careful not to clip your finger, etc.</p>

	<p>16. When the power switch is turned off during the foot press action, please be careful not to pinch your fingers.</p> <p>17. During folding operation, please be careful not to clip the cylinder to your finger when putting your finger into the folding machine.</p>
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**\* important safety information:**

- ✓ improper operation of the machine may cause personal injury. Please read this instruction carefully and operate correctly before operation.
- ✓ Please ventilate the machine before it is officially powered on.
- ✓ do not turn on the internal parts of the electric cabinet or touch screen while the power is on.
- ✓ this machine should be used after receiving training or under special instruction to ensure the safety of the user.



## 4、key function description

### 4.1. Button function description

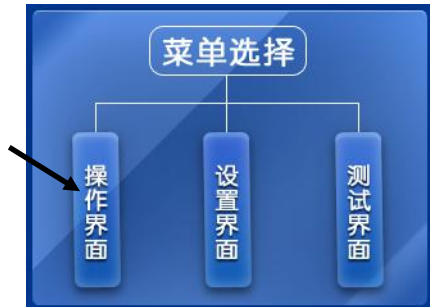
Refer to the button description of optional buttonhole head

### 4.2. Reset operation instructions

Machine head reset refer to machine head button description

Device reset:

Method 1: press the menu selection interface after power on and press the operation interface (figure a below), enter the operation interface and then reset (Figure B below).



(a)



(b)

Method 2: after starting the machine, press the menu selection interface, press the setting interface (Figure C below), input the password 0000, click P-41, and set the automatic reset mode to 1, that is, the machine will automatically reset.



(c)



(d)

The reset state is as follows: the left and right cloth clamp plates are opened, and the presser foot is raised.



## 5、 Operating instructions

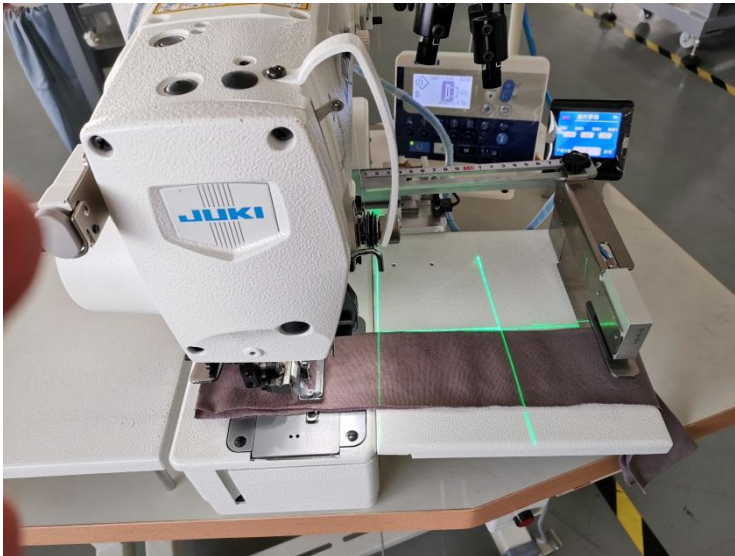
### 5.1. Preparation before operation

- ✓ The machine head shall be in the stop state when the operator checks it
- ✓ Check whether the pressing plate sponge is intact
- ✓ Check whether the sewing thread has been put on correctly
- ✓ Check whether the needle has been installed
- ✓ Clean the sundries on the machine table to ensure that there are no sundries hindering the operation of the machine
- ✓ Check the pressure of the air pressure gauge to make it meet the use requirements of the machine

### 5.2. Operation process description

Refer to the operation instructions of optional buttonhole head

#### 5.2.1 Fabric placement



Under the auxiliary positioning of the laser spotlight, ensure that the cloth is placed in the cloth clamp plate at both ends (optional for the laser Spotlight).

#### 5.2.2 Sewing

After stepping on the foot switch, the device will lock the cloth successively according to the preset hole distance and hole number, and reset automatically after completion.

## 6、Debugging method

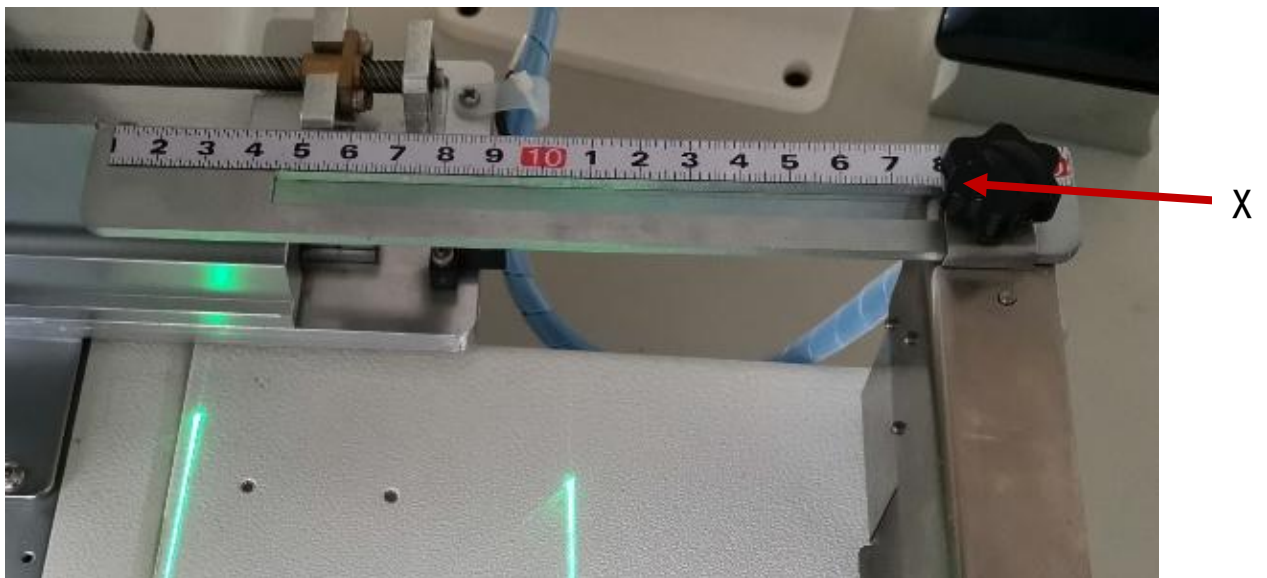
### 6.1. Mode setting



After starting the machine, press the menu selection interface and press the operation interface to enter the interface above. Mb8021b can lock up to 4 buttonholes at a time, Space can be set for each 2 buttonhole.

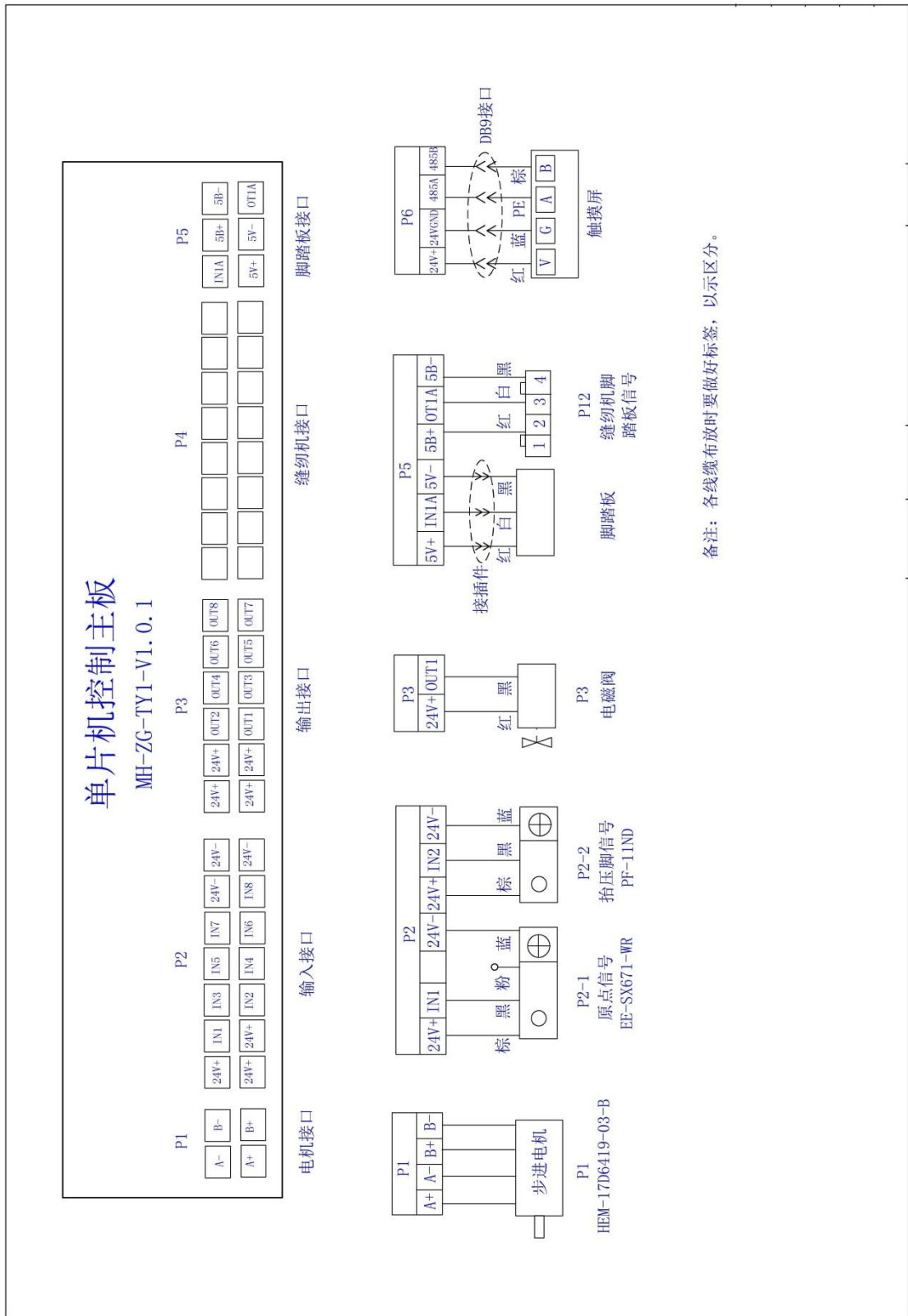
Special note: if you do not need to lock 4 buttonholes at a time, you can set the spacing to 0 in the space after the last buttonhole you need.

**\*Note: when the setting is completed, the interface will pop up a reminder dialog box to remind the operator to check: in the figure below, the corresponding ruler position size of the right cloth clamp plate should be greater than or equal to the sum of the entered values of the keyhole spacing. After verification, click the screen to confirm and perform sewing operation.**

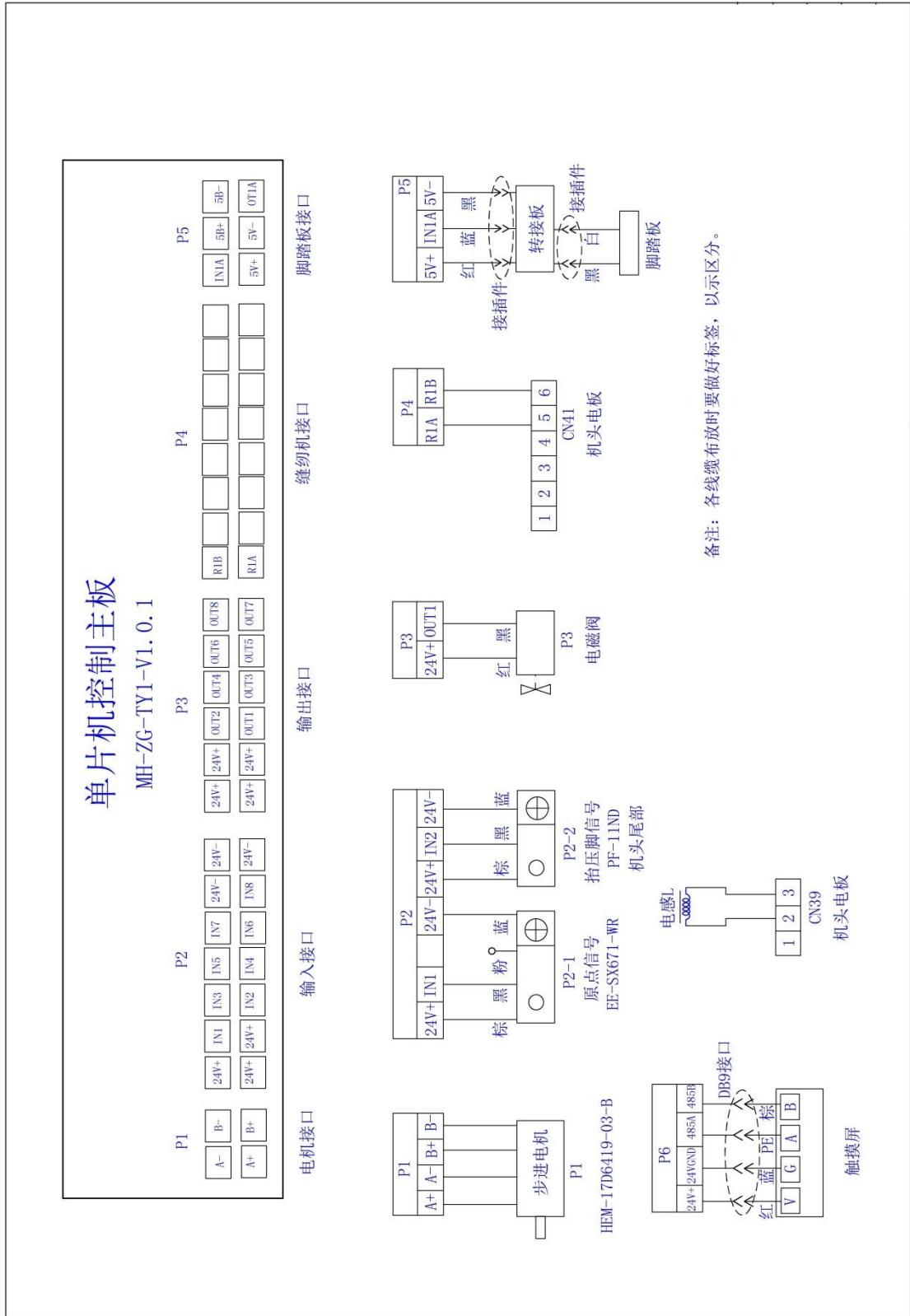


# 7、Electrical wiring

## 1、Brother type main board wiring



## 2、JUKI type main board wiring



## **8、 Optional device**

- 1、 This device is suitable for all kinds of buttonhole machine 。
- 2、 Table and stand are optional。

## **9、 Knowledge product protection statement**

MB8021B buttonholing device was designed by Changzhou wisdom & valley Electric Technology Co., Ltd.。 The intellectual property rights of this achievement belong to Changzhou wisdom & valley Electric Technology Co., Ltd. and are protected by national intellectual property laws and regulations. Without the written permission of the right holder, the patented technology of the achievement shall not be implemented, and the information related to the achievement shall not be copied, sold or disseminated through the network. For any illegal infringement, Changzhou wisdom & valley Electric Technology Co., Ltd. will pursue its legal responsibility according to law.