F1011

operating instruction

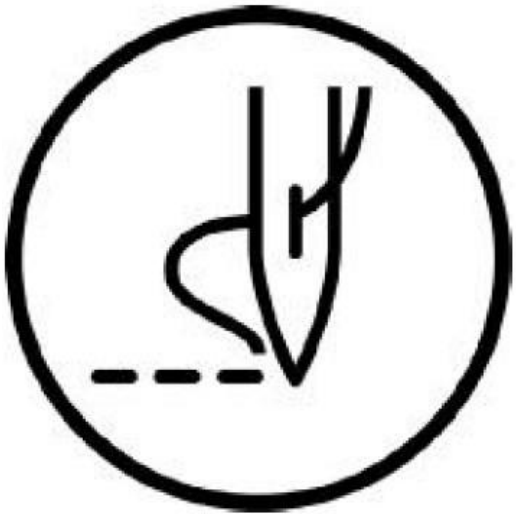
INSTRUCTION MANUAL

Read this manual before using the sewing machine.

Please keep this instruction manual in a place where it is easily accessible.

Please read this manual before using the machine.
Please keep this manual within easy reach for quick reference.

Four Station Automatic Label Printer



Safety Instruction：

When using this machine, it is essential to comply with the basic safety precautions. The basic safety precautions include: Please read the user manual before using this machine.

Warn：

1. This machine should be operated by a professionally trained operator;
2. Do not touch the parts or devices of the machine switch that are in power by hand;
3. The machine should be cleaned, maintained, lubricated, and serviced regularly during its operation.
4. It cannot be used for any other purpose than the one specified by the machine.
5. The modification of the machine structure should comply with safety specifications and effective safety measures should be taken. The cylinder joint with red mark should not be adjusted at will. The company will not be responsible for any unauthorized modification or change of the machine.
6. When repairing or maintaining cylinder and compressed air components, first disconnect the air compressor supply. Any residual compressed air must be completely released before proceeding.
7. When performing any adjustment operations on the machine, the power and air supply must be disconnected first. When the machine is unattended, please disconnect the power and air supply. After use and before cleaning, it is essential to disconnect the power and air supply.

Maintenance Notice:

1. The machine has clearly marked areas where refueling is required, and refueling must be done once per shift;
2. The machine guide rail and the long-term moving parts must be filled with special grease every half a year.
3. The parts of cylinder and compressed air must be cleaned regularly.

Handling Instructions:

1. The machine must be handled by a dedicated forklift or mechanical equipment, with full safety measures in place.
2. After opening the box, the machine must be moved by at least two people to a stable location. If pushing the machine is required, the brake on the bottom casters of the platform support must be released first before the entire machine can be pushed and slid.

Repair and Adjustment Instructions:

When repairs or adjustments are needed, first check and adjust the machine according to the troubleshooting instructions in this manual. If the issue cannot be resolved, contact your dealer.

The content of the package insert and the specifications of this product may be subject to change at any time.

Please keep this instruction manual properly!

Catalogue

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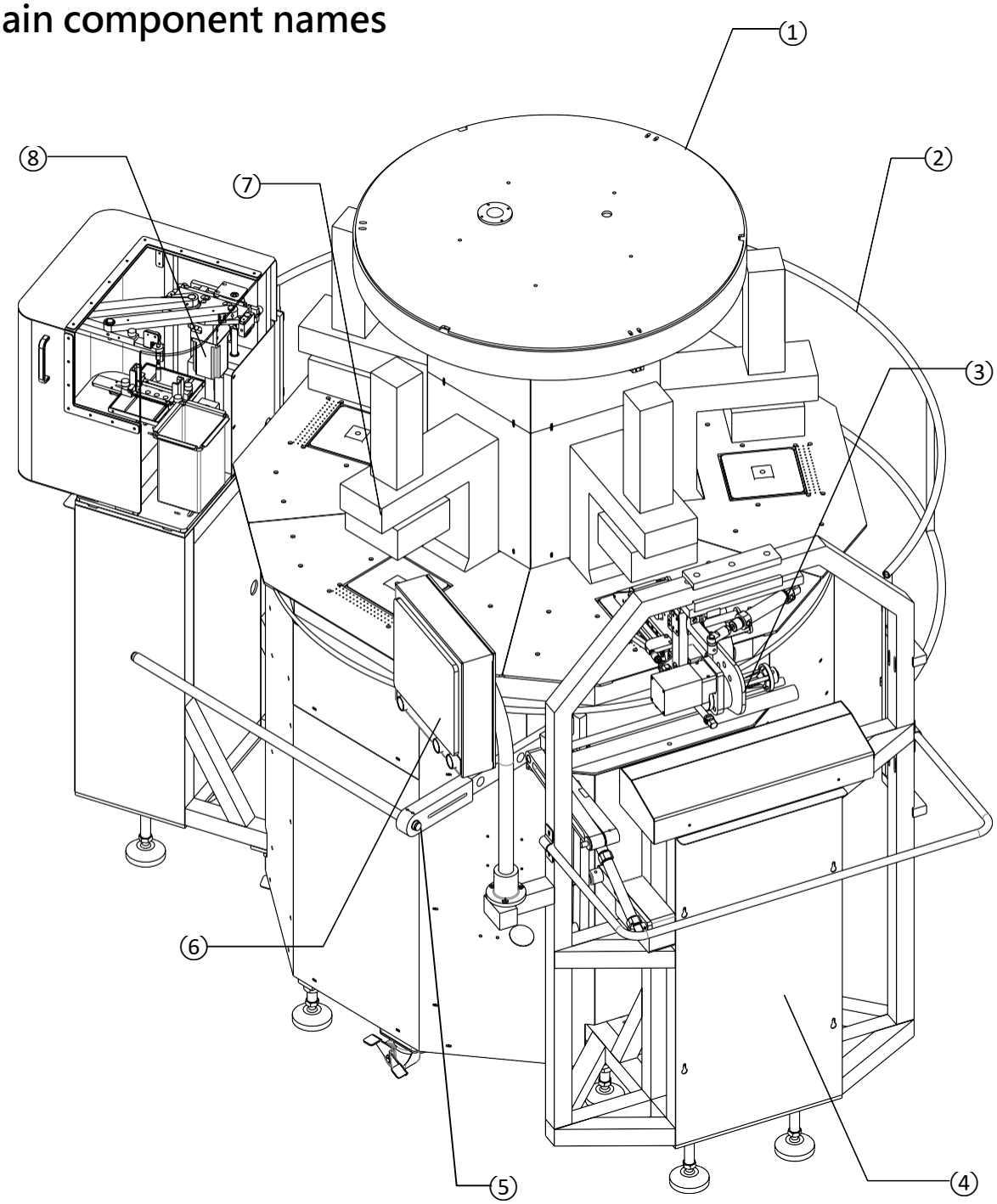
I. Main component names



①Ring light

②Safety railing

③Label-removing mechanism

④Electrical control box

⑤Start switch

⑥Touchscreen

⑦Steamer

⑧Bidding Agency

2. Debugging of the Stamp Printer

1. After connecting the power and gas supply, turn on the power switch to start the machine. The display screen will show the following interface.

2. click on the icon , switch to "Counterpoint" mode.

3. Tap the Online button at the bottom of the touchscreen to connect the device.

4. debug method：

4.1. Press the 'Online' button at the bottom of the touchscreen to activate the marker delivery robotic arm.

4.2. Press the 'Online' button below the touchscreen again to lower the marker delivery arm. (The lowering distance is controlled by the 'Marker Delivery Lower Setting' in the configuration window; the higher the number, the greater the distance.)

4.3. Adjust the template position on the hot plate.

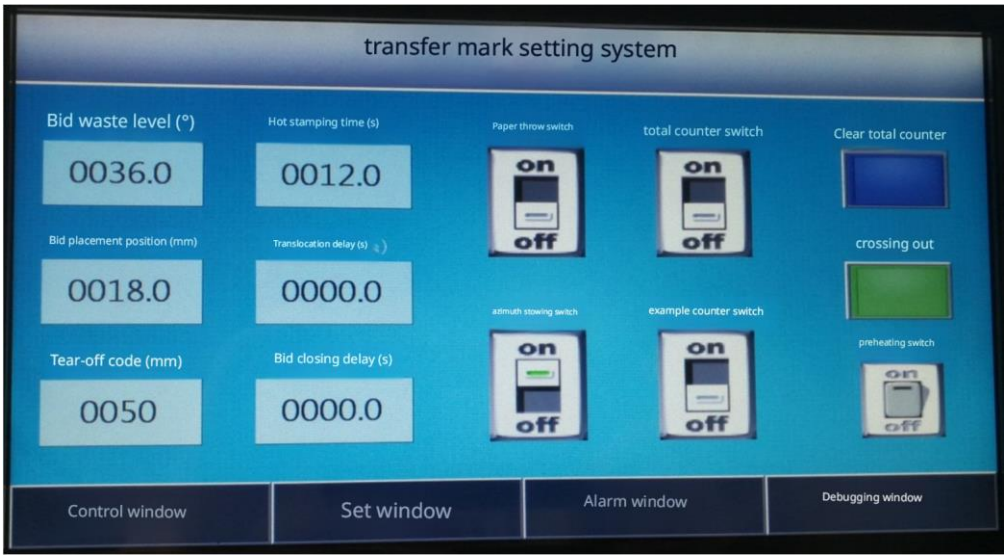
4.4. Press the 'Online' button at the bottom of the touchscreen again, and the bidding robotic arm will rise.

4.5. Press the 'Online' button at the bottom of the touchscreen again to retract the bidding robotic arm.

4.6. Press the start buttons on both sides of the feeding rod simultaneously. The device rotates to the next workstation, and repeat step 1 until all four hot plate templates are properly adjusted.

III. Setup of the Label Printer

1. Click the Settings window button.



2. Click the window below the "Press Time" icon. Enter the press time for the hot plate.

3. Click the window below the "Label Removal Code" icon. Enter the relative rotation value for label removal. (The larger the value, the more the tape rotates.)

4. Click the icon when there is a paper between the labels , Turn on the paper throw feature.

5. To sum up counts, click the ic able the feature, which will appear in the Summarizer window under the Control interface.

6. Click the icon to clear the count , Total count reset to zero.

7. To initiate the countdown, click th o activate the countdown function. The countdown settings will appear in the 'Countdown Settings' window under the control interface. You can adjust the countdown duration through the ' Countdown Settings' button. Once the device completes the countdown, the countdown indicator light will flash, and the device will automatically stop.

8. Before starting the machine, preheat the hot plate. In the setting ndow, turn on the 'Preheat Switch' to enable preheating via the control interface.

IV. Operation of the Stamp Printer

1. Basic Operations of an Inkjet Printer:

1） The machine starts up and displays the following interface.

2） Click the Control Mode button to switch to Normal.

3） To disable the adsorption system, click the "Vacuum Switch" button. To activate the labeling system, click the "Labeling Switch" button. To enable the collection system, click the "Collection Switch" button. To activate the material collection system, click the "Material Collection Switch" button.

4） Tap the Online button at the bottom of the touchscreen to connect the device.

5） Before starting work, preheat the hot plate. In the setup interface, turn on the preheat switch. Back to the control interface and press the 'Preheat button'.

Subsequently, the curling head is pressed down and the heating table is activated. Upon reaching a predetermined temperature, the curling head automatically retracts, completing the preheating process.

6） After the cloth pieces are correctly placed on the heating table, simultaneously press the start switches on both sides of the feeding rod. The equipment will operate, rotate to the next workstation, and repeat the feeding process.

7） If the feeding system malfunctions, press the emergency stop button on the touchscreen to reset the current heating table. You can manually adjust the fabric and label positions. If labels are not fed or are damaged, press the label replacement button on the touchscreen to restart the feeding arm. Finally, press the start switches on both sides of the feeding rod simultaneously to resume operation.

8） When the task is about to finish and the last piece of fabric is placed, tap the "Flip" button on the screen. The device will automatically transport the fabric.

Proceed and stop when all are completed.

Note: Do not touch the hot head or hot table to prevent burns!

2. The machine suddenly lost power and gas during operation.

1） Turn off the power switch of the machine;

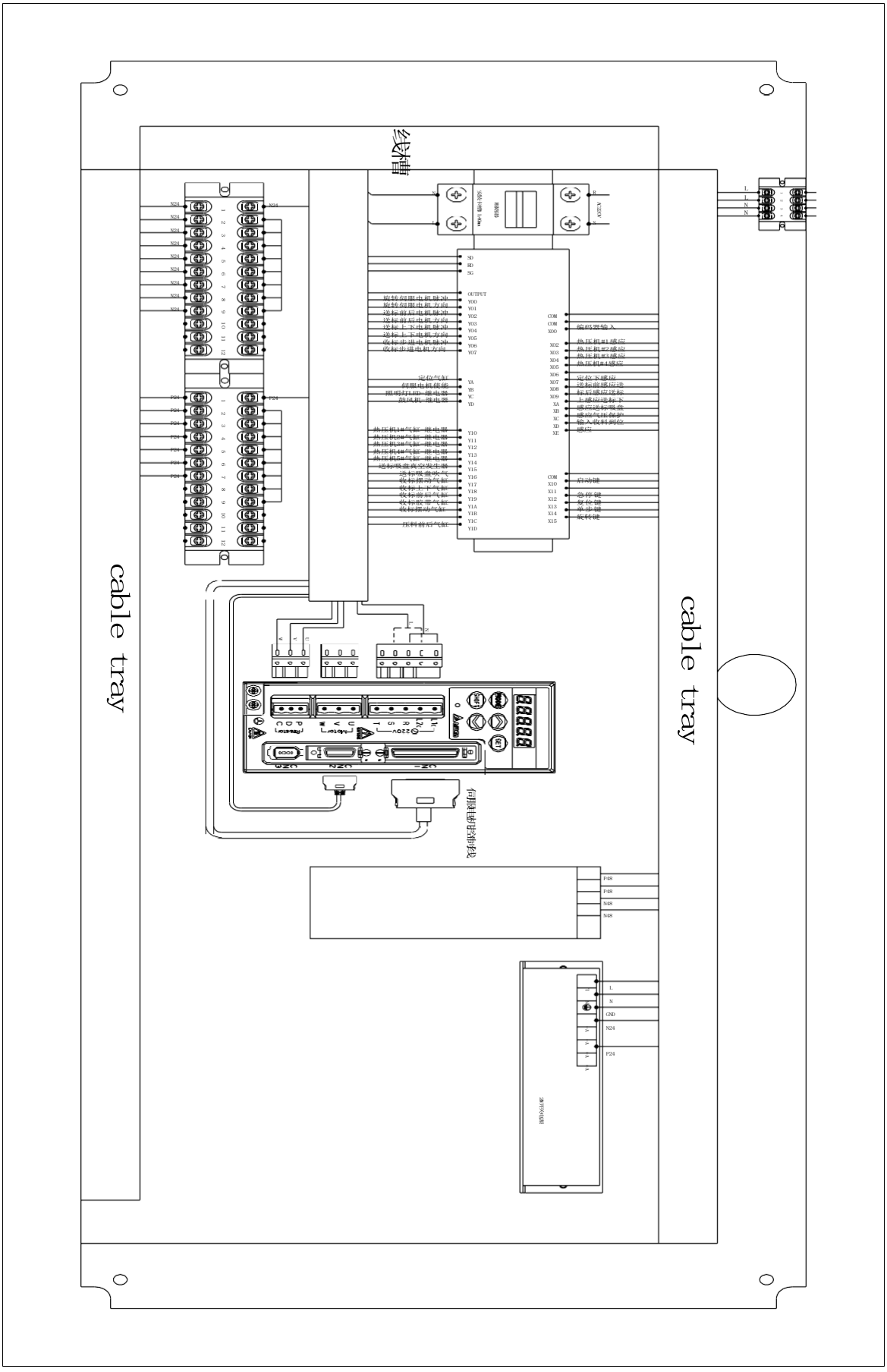
2） Move the bid submission and bid tearing mechanisms to their initial positions manually.

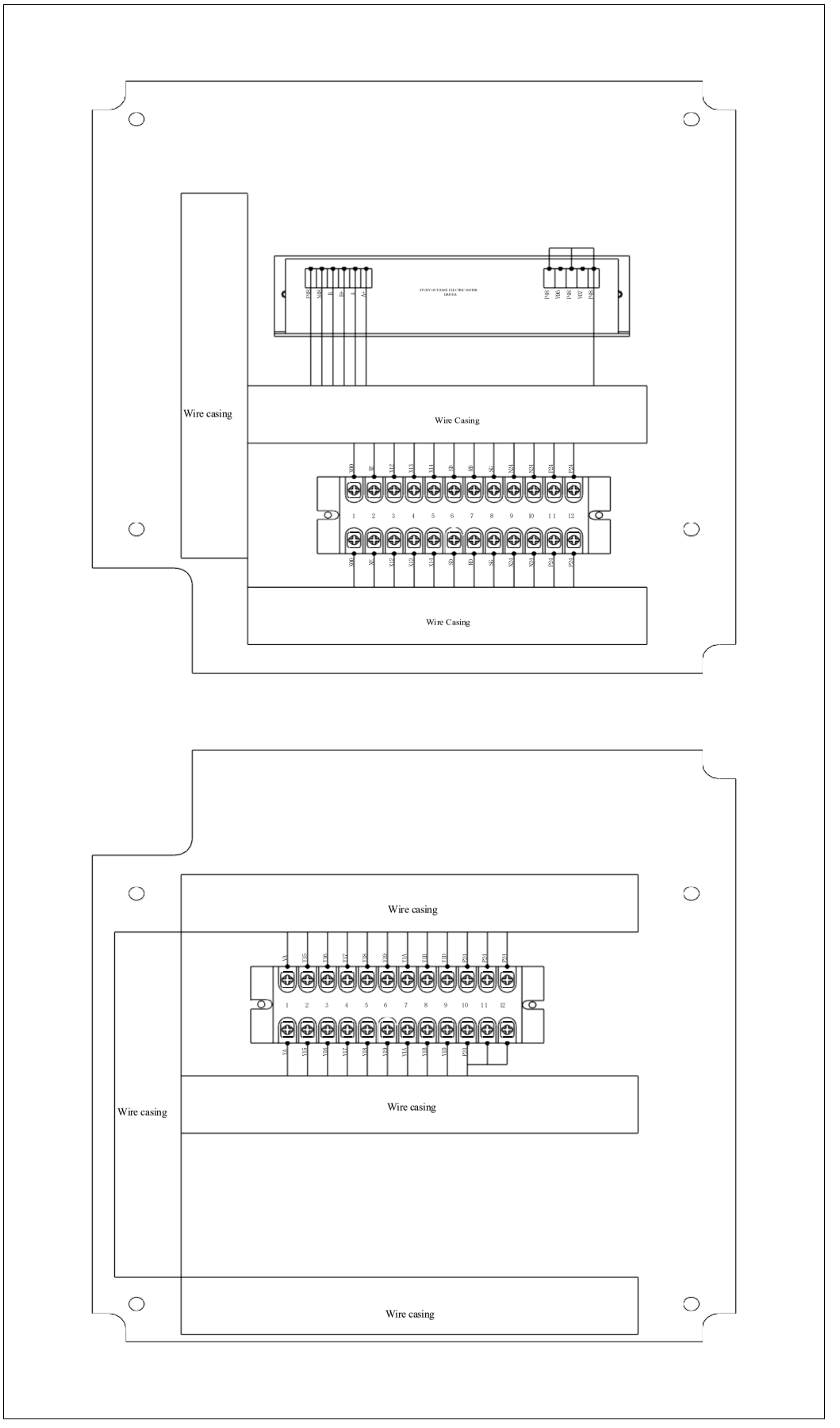
3） After the ironing table and heads cool down, the operator retrieves the unironed fabric from the workbench, manually ironing any remaining fabric that hasn't been fully pressed, and manually removing labels from the pressed fabric that hasn't been labeled.

V. Error Rate Table

Error Code	Fault display	Failure cause	Troubleshooting
E-01	The fault indicator on the touch screen is flashing, and the fault cause is scrolling on the touch screen.	Low air pressure	Check the input air pressure
E-02	The fault indicator on the touch screen is flashing, and the fault cause is scrolling on the touch screen.	Material shortage of tendering agency	Remove bid
E-03	The fault indicator on the touch screen is flashing, and the fault cause is scrolling on the touch screen.	The receiving mechanism is missing the tape.	Insert tape
E-04	The fault indicator on the touch screen is flashing, and the fault cause is scrolling on the touch screen.	Induction fault of hot stamping machine	Test the pressure and burn @-@ machine sensor signal
E-05	The fault indicator on the touch screen is flashing, and the fault cause is scrolling on the touch screen.	Inductive fault before bidding	Pre @-@ delivery Sensory Signals
E-06	The fault indicator on the touch screen is flashing, and the fault cause is scrolling on the touch screen.	Inductive fault after bidding	Post @-@ delivery INDUCED SIGNALS
E-07	The fault indicator on the touch screen is flashing, and the fault cause is scrolling on the touch screen.	Bid up and down origin fault	Test for the origin signal on the delivery label

Circuit wiring diagram：




Wire casing
Wire Casing
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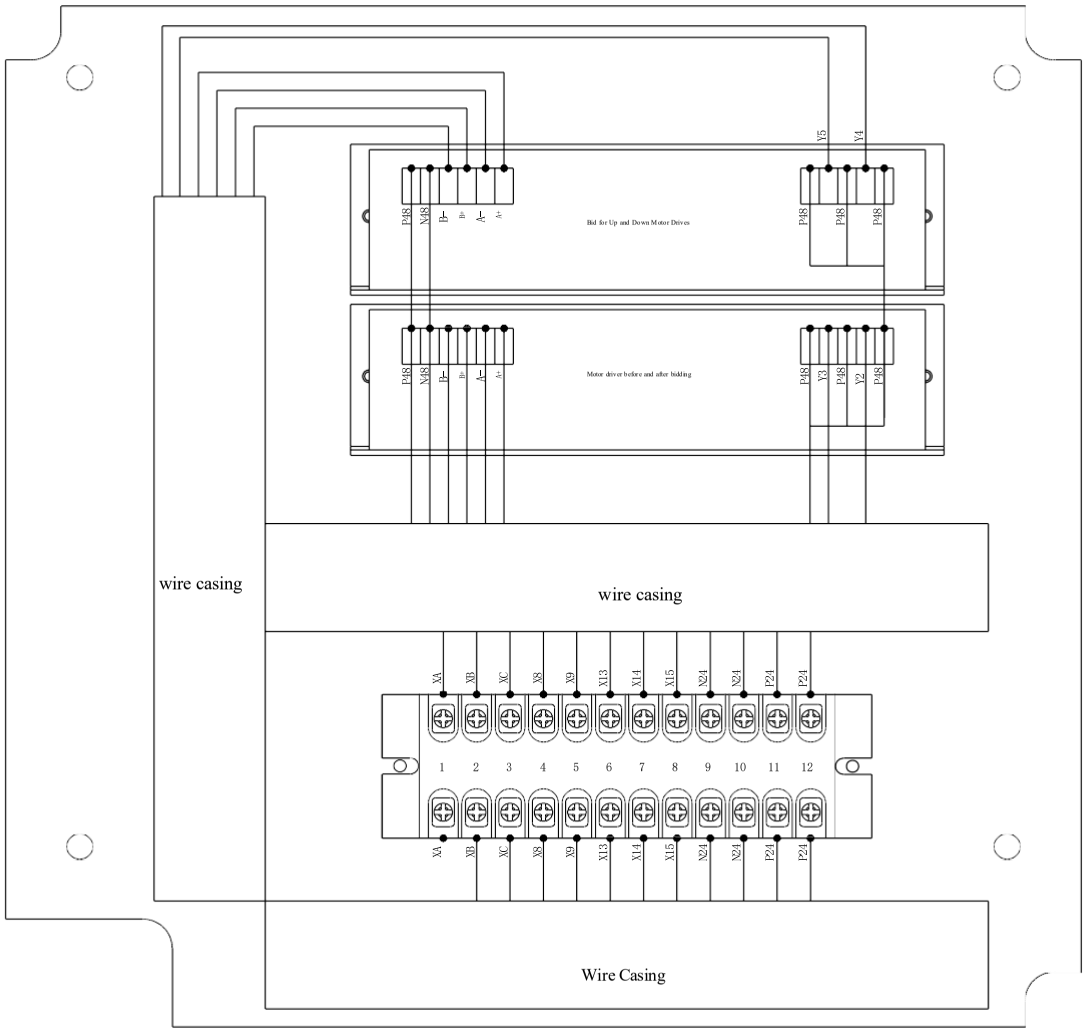
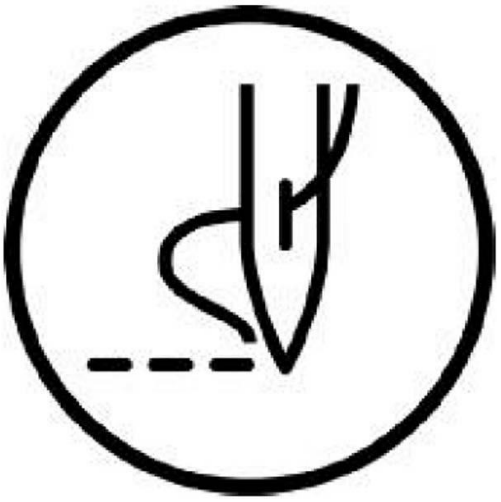

V5
V4
P48
N48
P-
Ib-
A-
Ic-
Bid for Up and Down Motor Drives
P48
P48
P48
Motor driver before and after bidding
P48
X3
P48
X2
P48
wire casing
wire casing
XA
XB
XC
X8
X9
X13
X14
X15
N24
N24
P24
P24
1
2
3
4
5
6
7
8
9
10
11
12
Wire Casing

Gas Source Diagram



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