

# Manual Book K Series



All specifications and information concerning products are subject to change without notice.V.8 2019.09 !



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# Foreword

Thank you for choosing U series trimmer. Please read this manual carefully which can ensure correct operation.

We rely on powerful technical force and many years of experience to develop U series trimmer. We carry out strict quality control from designing and developing to purchasing material and producing. It reflects fully the aim of “doing better and better, customers’ satisfaction” in our company. Our products have its characteristics of beautiful figuration, high efficiency, easy operation and favorable price.

## Safety Precaution

Your safety, as well as the safety of others, is important. Before your install or use the machine, ready and follow all the safety notices carefully in this chapter. In this instruction manual, and on the machine, you will find important safety notice related to the use of the product. Observe all the safety information provided. Read all of the instruction for further use. Also make sure you have been fully trained before operating.

**Location:** The machine must be placed on sturdy level floor surface.

**Electrical Supply:** Connect to the correct electrical supply according to the name card

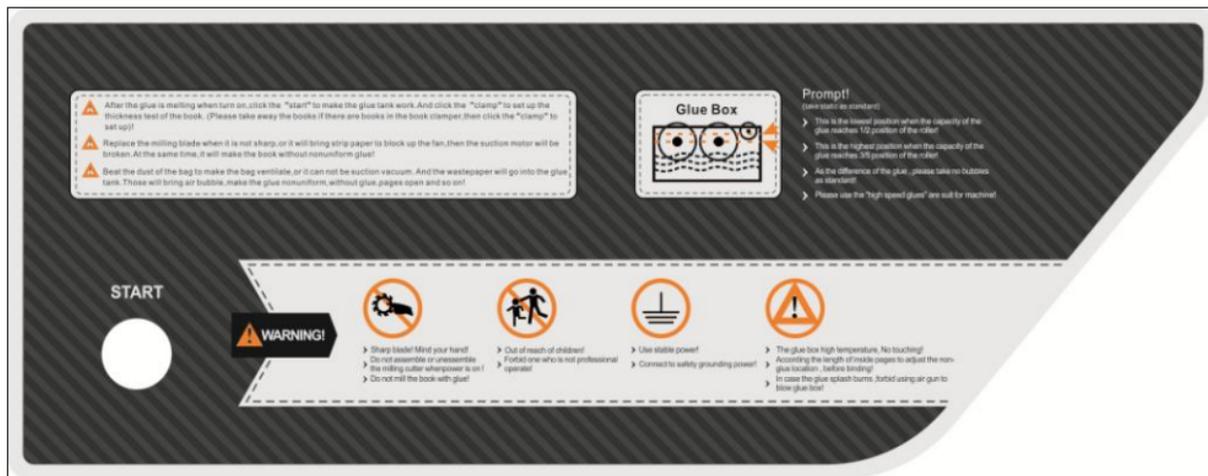
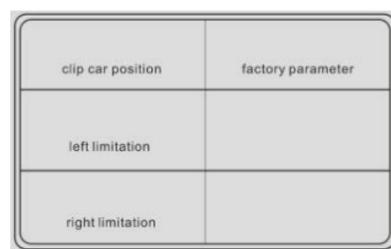
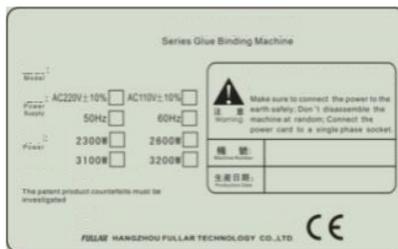
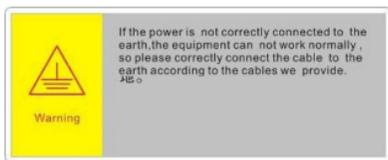
**Grounding:** For the safe, make sure that the machine is grounded.

**Overload:** Do not connect many machines to one plug. Overload could result in fire, personal injury or death.

**Cleaning:** Power off the machine and pull up the plug before cleaning.



## You will find below Alarm stickers on the machine (See below Pics)



### Reminding!

After warm up, operate as screen tip, press START, then CLAMP to initialize the thickness of book. Regularly clean the dust bag to avoid the bag jam.

# I. Open the packing and check

Please contact the agent, distributor or head office if find any missing or damage to the below machine or accessories.

- 1、 Machine.....1
- 2、 Notching knife .....1
- 3、 Tools bag.....1
- 4、 User Manual.....On-screen
- 5、 EVA glue .....0.5Kg
- 6、 Warranty card .....1
- 7、 Brush.....1

## 1a) K8-K10 series machine(Black)



K8

K9-10

## 1b) K1-K7 series machine



K1

K2

K3-7

2



3



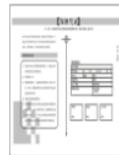
4



5



6



7

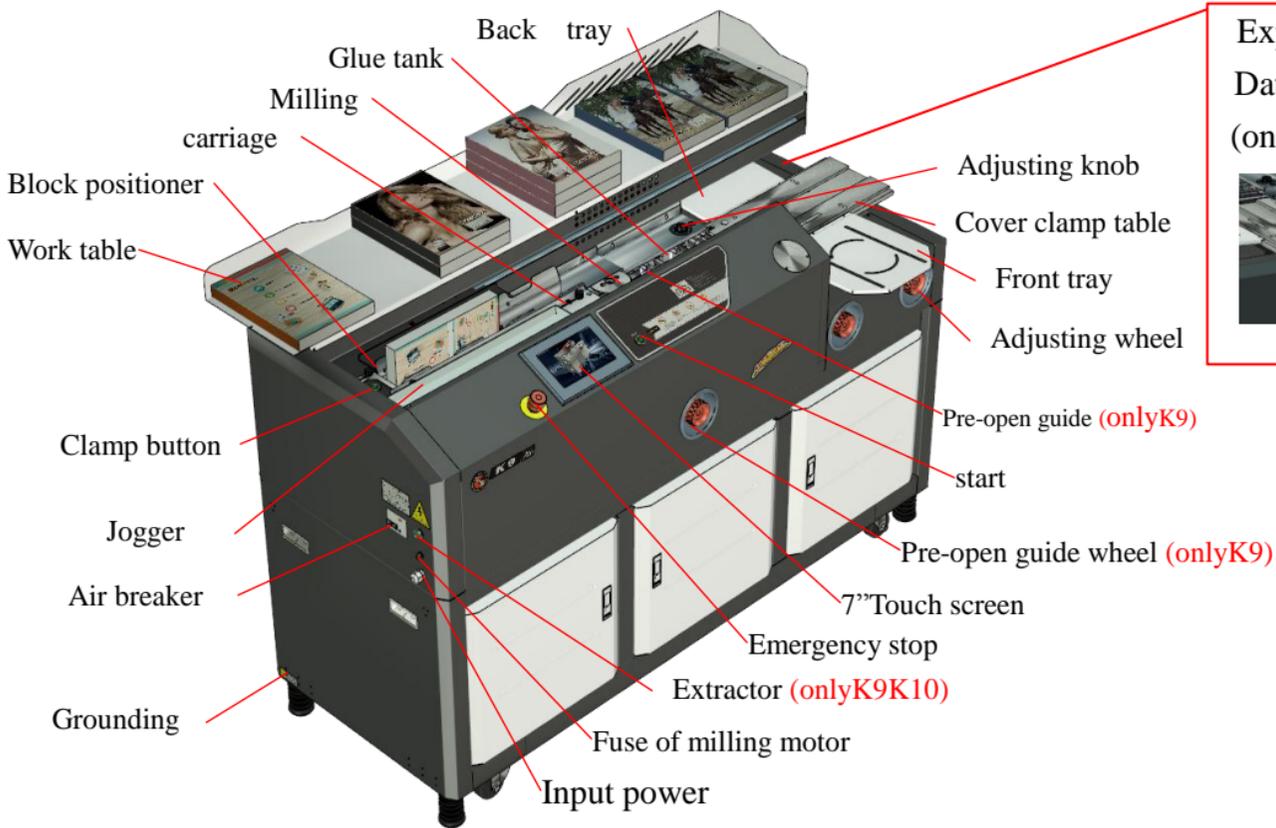


- Reminding**
- Please read this manual carefully before operation, which will help you improve the skill and binding.
  - Please keep the packing case for transportation next time.

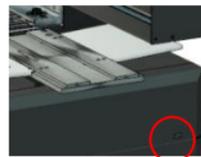


## II Parts Name

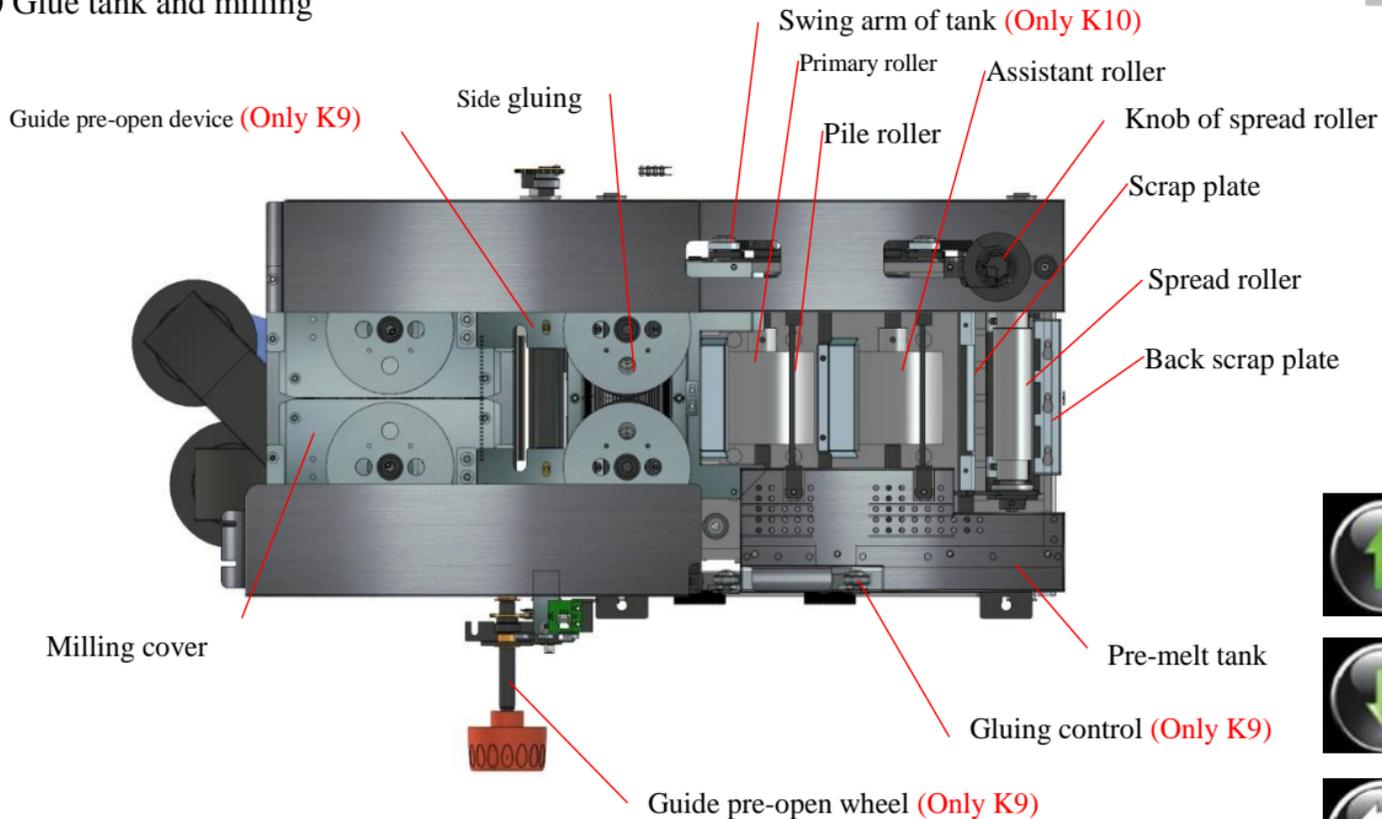
Before install and operate, please to get familiar with the machine its parts according to the following pictures.



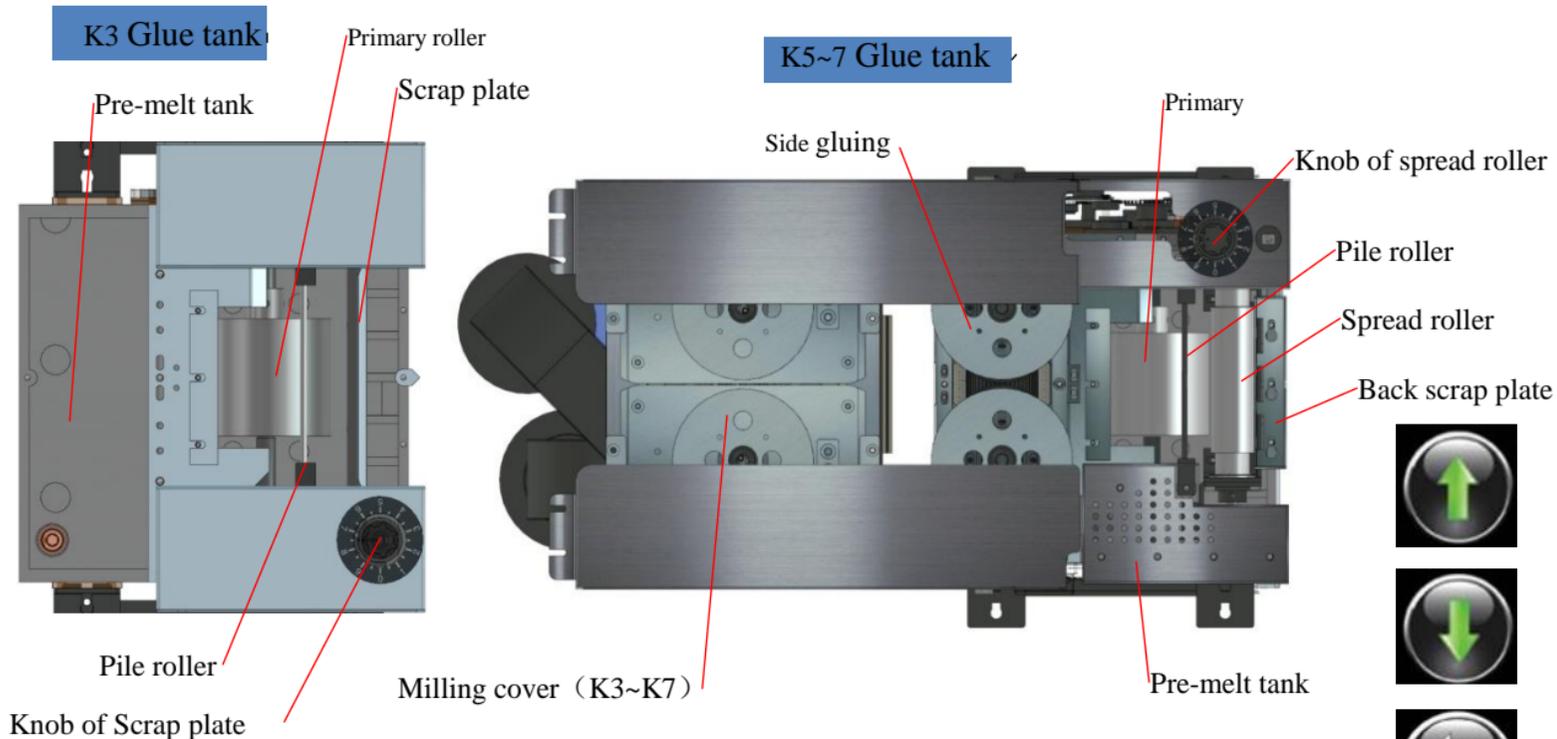
Explanation of  
Data connector  
(on-line sensor)



# K8~10 Glue tank and milling



### K3~7 Glue tank and milling:



### III Technical Parameter :

<i>Model</i>	<i>K1-3</i>	<i>K5</i>	<i>K6</i>	<i>K7</i>	<i>K8</i>	<i>K9</i>	<i>K10</i>
<i>Displayer</i>	7"touch screen	7"touch screen	7"touch screen	7"touch screen	7"touch screen	7"touch screen	7"touch screen
<i>Bind length</i>	330	330	330mm	440mm	460mm	460mm	460mm
<i>Bind thickness</i>	60mm	60mm	60mm	60mm	60mm	60mm	60mm
<i>Speed(pcs/hour)</i>	200-350	200-350	300-450	200-350	300-450	300-450	300-450
<i>Melt time</i>	About 35Min	About 35Min	About 35Min	About 35Min	About 35Min	About 35Min	About 35Min
<i>Mill(NEW)</i>	Milling K1-2:2 teech; K3:9teech	Milling(9teech)	Milling(9teech)	Milling(9teech)	Milling(9teech)	Milling(18teech)	Milling(18teech)
<i>blockclamp(NEW)</i>	Medium speed-auto	Medium speed-auto	High speed-auto	Medium speed-auto	High speed-auto	High speed-auto	High speed-auto
<i>coverclamp(NEW)</i>	Auto , Anti-curl	Auto , Anti-curl	Auto , Anti-curl	Auto , Anti-curl	Auto , Anti-curl	Auto , Anti-curl	Auto , Anti-curl
<i>Dual model(NEW)</i>	×	×	×	×	×	×	√
<i>Gluing(NEW)</i>	EVA 1 rollers	EVA 2 rollers	EVA 2 rollers	EVA 2 rollers	EVA 3 rollers	EVA 3 rollers	EVA 3 rollers
<i>Side gluing</i>	×	√	√	√	√	√	√
<i>Pre-open (NEW)</i>	×	×	×	×	×	√	×
<i>Pre-melt(NEW)</i>	√	√	√	√	√	√	√
<i>Gluecontrol (NEW)</i>	×	×	×	×	×	√	×
<i>Temp. control</i>	×	√	√	√	√	√	√



<i>Adjusting</i>	×	√	√	√	√	√	√
<i>Dust collectro(NEW)</i>	1 pcs	1 pcs	1 pcs	1 pcs	1 pcs	2 pcs	2 pcs
<i>Mill fold paper</i>	√	√	√	√	√	√	√
<i>Clampself-adaption</i>	√	√	√	√	√	√	√
<i>Cover table adjust</i>	√	√	√	√	√	√	√
<i>Open flat</i>	√	√	√	√	√	√	√
<i>Work table</i>	×	√	√	√	√	√	√
<i>Jogger (NEW)</i>	√	√	√	√	√	√	√
<i>Tidy device</i>	×	×	×	×	×	√	√
<i>Extractor (NEW)</i>	√	√	√	√	√	√	√
<i>Block thick read</i>	×	×	×	×	×	√	√
<i>Machine bottom cabinet</i>	K1:no K2:simple K3:normative	normative	normative	normative	normative	normative	normative
<i>Power</i>	AC220V (110) ±10%	AC220V (110) ±10%	AC220V (110) 8±10%	AC220V (110) ±10%	AC220V (110) ±10%	AC220V (110) ±10%	AC220V (110) ±10%
<i>Total power</i>	2200W	2600W	2600W	2600W	3200W	3400W	3400W
<i>Work power</i>	1500W	1600W	1600W	1600W	1800W	1800W	1800W
<i>Machine size</i>	1300 (work1360) ×670×1080	1300 (work1360) ×670×1080	1300 (work1360) ×670×1080	1460 (work1640) ×670×1080	1680 (work1845) ×750×1140	1680 (work1845) ×750×1140	1680 (work1845) ×750×1140
NW	220Kg	230Kg	240Kg	270Kg	300Kg	320Kg	320Kg

**Reminding:** Without future advice, the technical parameter is subject to real machine.



## IV. Function of control part and Operation Panel

	<p><b>Air breaker</b> Switch ON power on, switch OFF power off</p>		<p><b>Emergency Stop</b> Turn EMERGENCY anticlockwise, power on. Press EMERGENCY, power off. Note: use only emergency situation, not power switch.</p>
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### (I) Interface

Note: operate except “help” and “settings” UI.

Account

Count+

Count-

Touch & hold 3s, zero clearing



Work mode



**Work Interface**

## (II) Menu set-up



Press **Help** enter help interface, choose and view menu on screen: Help, Contact Us, About, Total count, Maintenance and Spare part, press these keys to view parameter, press any key at bottom to esc.(see right Pic.)



Press **Set-up** enter Set-up interface, choose and view on screen: Language, Self-checking, Parameter, & Lightness. Press these keys to view parameter, press any key at bottom to esc.(see right Pic.)





Press **Self check** enter secondary menu, choose test the function or sensor. On screen: carriage close, carriage open, cover clamp up, cover clamp down, Carriage right, carriage left, milling on/off, jogger on/off. Click the key and test if the part works normally. Press ↻ return to previous menu. (See right Pic)



Press **Parameter** to secondary menu, choose which one to change. On screen: left limit compensation, right limit Glue motor rotate, hold the key until it turns green, press up down arrow to change the parameter value. Press ↻ return to previous menu.(PS: “Milling mode”only for K10, Single **milling**” is Nomal mode;” Double **milling**” is Round-Trip mode.)





Press **Glue tank** to set up temperature

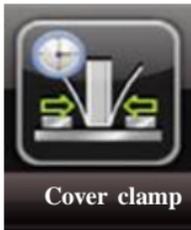
Temperature range: 0-180°C

Default value:150°C

1. Different temperature for different type glue.
- 2.If setup lower than default value, the glue will not melt well, and may cause jam.

Temp.control: click to switch to warm keeping

Spread roller temp. click to switch to warm keeping



Press **Cover clamp** enter this menu to set up cover pressure keeping time, pressure level ,carriage run after cover placed.

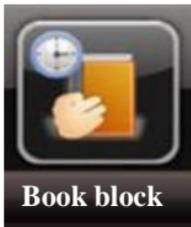
Click the number 

then press up/down arrow to set up time

Click the number 

Then press up/down arrow to set up time.





Press **Book block** enter the menu to set up: block jogging time, carriage close time, and carriage open width(see below pic)

Click to switch on/off  
(only for K9 , K10)

Carriage close time

Set up block thickness:click this key, choose Auto or Manual mode,only for K1-5,K7



Select block thickness

Click the number press up/down arrow to set up block jogging time.

Click the number press up/down to set up carriage close time after block placed.

Click the number press up/down arrow to set up carriage opening width.





Press **Milling** enter the menu to set up the milling system work mode.(see right pic.)

Click OFF, Blue milling means off;

Click ON, blue means milling ready to work;

Click AUTO, blue means at automatic state.



Press **Work mode** enter the menu to set up work mode (See right Pic.)

**Mode 1: Semi-automatic;**

**Mode 2: Automatic;**

**Mode 3: High speed & Auto;**



**Mode1(Semi-auto):** Place book block close the carriage, place the cover, press START, on screen displays ON WORKING, the carriage run from left to right end cover→ clamping plate goes up →clamper close and hold for set-up time, binding finished →bond book drops, remove book from block sensor working area, press START again the carriage return to origin position for next cycle.

**Model 2 (Auto):** Place book block close the carriage, place the cover, press START, on screen displays ON WORKING, the carriage run from left to right end cover→ clamping plate goes up →clamper close and hold for set-up time, binding finished →bond book drops, remove book from block sensor working area, press START again the carriage return to origin position for next cycle.. Only first cycle, need to press CLOSE & START, from second cycle, the carriage auto closes, opens and runs. If need stop work, just to press START.

**Mode3: High speed & auto, based on Mode 2, the carriage will return during cover clamping to save time.**

**Note: Mode 3 quicker mode 2 by 20%. Only skilled operator permitted to choose mode 3.**



### **(III) How to operate K glue binding machine**

#### **A、 Get ready**

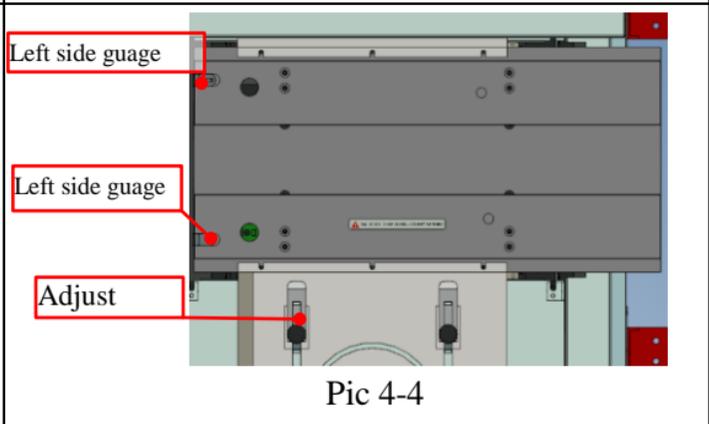
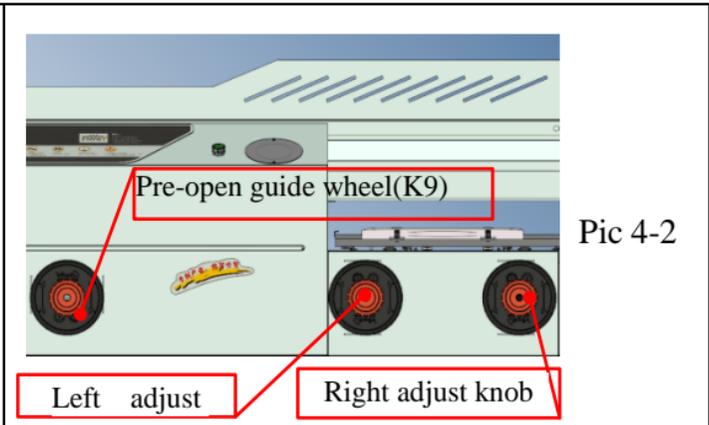
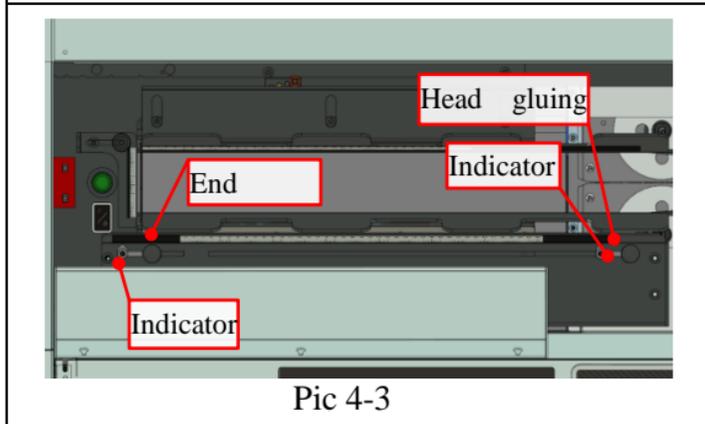
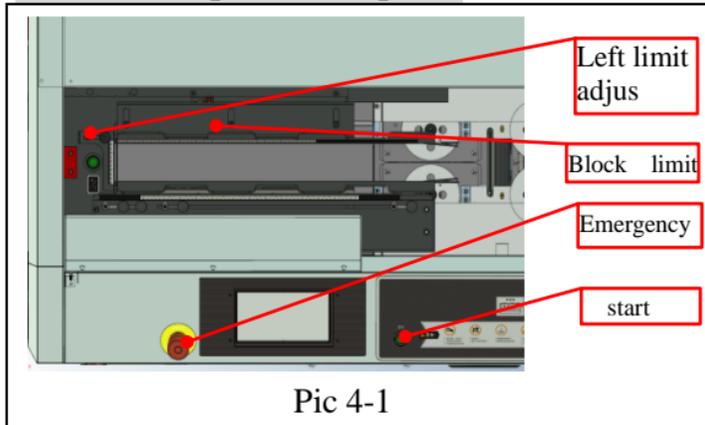
- 1) Make sure that the transportation fixing plate removed.
- 2) Clean antirust agent one cover clamping table and so on (where the paper may touch).
- 3) Plug in, turn on power and emergency stop. On screen display WARMING UP, machine works normal
- 4) Make sure set up correct temperature, mode and so on. Note: different temperature for different type of glue.
- 5) The glue get melt within about 35 min.
- 6) When reach set up temperature, the buzzer sounds “di,di”, on the screen also display reminding words
- 7) The glue must completely melt. If bubble appears, increase temperature or add more glue.
- 8) According to your own skill to choose Mode 1, 2, or 3.

#### **Reminding**

- **The glue won't rotate until the temperature reach set up value.**
- **The machine is on, and don't use is for long time (for example 1hour or longer), please switch to warm keeping mode or turn off machine to avoid glue aging.**



## B、 Start to operate (steps):



## Operation steps:

1. Firstly make sure that the glue completely melt. **When the temperature reach set-up value, the buzzer sounds, on screen appears reminding sentence, press START, then CLAMP BUTTON on carriage to initialize block thickness measure sensor.** Now the glue is completely melt and the glue rollers rotate (After temperate reach, but no work for a while, the machine sleep for energy saving. The rollers rotate 2-3 cycles per 2min.)
2. Accord to block's thickness, click block thickness set-up key to set up block thickness.
3. Tiny and place inner sheets in carriage, align left (Adjust the left block positioner plate to make sure the block and cover align perfectly.) Press CLAMP BUTTON to clamp the block
4. According to length of block, align Head gluing indicator & End gluing indicator to head & end of block(see pic 4-3), then place cover at correct position.  
**Note: For thicker book, the distance between two indicators better smaller than block's length.**
5. Press START, the carriage runs from left to right, the block goes through milling, gluing and stops at right end, the cover clamping table goes up, clampers close and hold for set-up pressure keeping time, clampers open and cover clamping table goes down to down limit.
6. Take out bond book or remove from block sensor work area, press START, the carriage return to left end for next cycle.
7. If no need cover, please close cover binding mode or use wax paper.

**Mode1:** Suitable for green hands. Every time. the carriage runs to left or right by START button.

**Mode2:** Except the first binding by "start" key, for other binding, we just put the pages and cover in position, the machine will auto clamp, open and running. If want to stop the work, press START.

**Mode3:** Difference with Mode 2, when clamped the cover and block, the carriage will auto. open , move to left side and ready for next binding , more high efficiency

### Tips

- After taking the book out of the carriage, don't open the book until the glue cools down.
- During automatic binding, do not change work mode. The binding quality is related to your operation, so do more practice!



## V Binding Skill

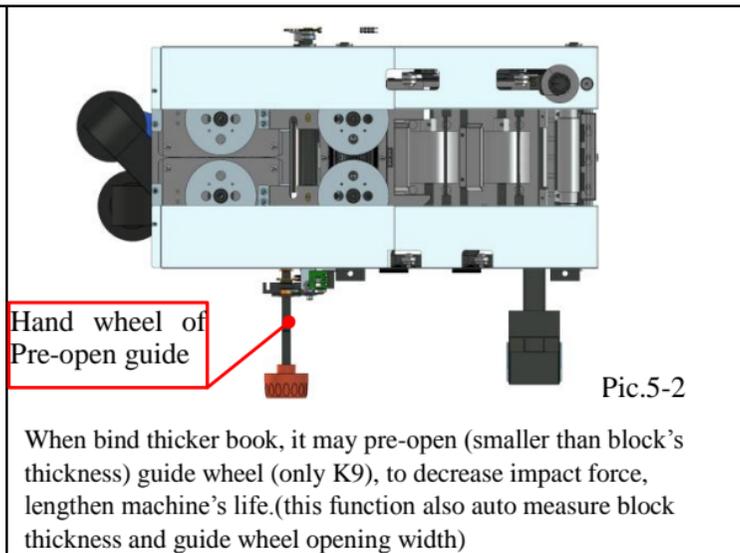


### Prompt!

(take static as standard)

- This is the lowest position when the capacity of the glue reaches 1/2 position of the roller!
- This is the highest position when the capacity of the glue reaches 3/5 position of the roller!
- As the difference of the glue , please take no bubbles as standard!
- Please use the "high speed glues" are suit for machine!

Pic 5-1 Keep eyes on glue quantity during work.



Hand wheel of  
Pre-open guide

Pic.5-2

When bind thicker book, it may pre-open (smaller than block's thickness) guide wheel (only K9), to decrease impact force, lengthen machine's life.(this function also auto measure block thickness and guide wheel opening width)

**If you don't know book binding well, you will face many problem, such as spine wrinkle, less glue etc. please more communicate to improve your binding skill and quality.**

1、 After binding, if pages are easy to apart, not glued or evenly of glue etc.

Solution:

- A. Whether the glue is suitable for pages(common pages for high speed glue, copper paper for more stronger adhesive EAV)
- B. Whether the milling cutter is broken
- C. If "Clamp cover plate" position is too high, it will overflow more spine glue , and not enough adhesive fastness.
- D. The temperature setting should confirm to the glue melt point



## 2、 If the book spine is wrinkle ,or not perfectly flat

solution:

- A、 Whether cover thickness is match the pages . (If pages is heavy, but the cover is too thin, it's easy to wrinkle )
- B、 If “clamp cover plate” is too high, the book spine will be wrinkle. (Pic-9)
- C、 Less glue have bubble , less glue in tank or lower temperature , glue is not melt enough, the final book spine glue will be wrinkle and not evenly.
- D、 Whether the milling or solar cutter is broken.

## 3、 Not align for pages and cover

Solution: adjust the “Cover clamping clips” to left or right (pic -10)

## 4、 If the book end is too round or square;

Solution: adjust the cover clamping station balance by two hand wheels

## 5、 How to bind hard cover books

Method:

For the hard cover book is too thick, please don't put it on the clamp plate, but you can glue the text separately. First don't put the cover on the clamp plate, then put some oil( sewing machine oil) on the cover clamp flat and the tightening set, then do the normal operation to binding the text. Finally make the hard cover book after binding the text.

## 6、 How to bind accounting tickets

Operation: Since the accounting tickets are usually thin, it maybe a little difficult for you to tidy it, you may use a cutter to tidy them, then start binding.

### Reminding:

You will get more experience when operate the machine. Your feedback and suggestion is welcome.



## VI Reminding

**In the previous chapter we have listed some advice for help achieve good binding. Incorrect operation will affect the binding quality or cause damage to the machine, so make sure to pay attention to the follows items:**

Notice1: Take out the packing materials before operation, and put them together with the wood case and plastic in case you need to transport the machine again.

Notice 2: Don't touch the glue box, as the temperature is very high when binding the book.

Notice 3: Binding different material need different hot melt glue. E.g.: for common paper, just need some hot melt glue, for binding copperplate paper, need the much more adhesive glue. For the detailed information about the glue, you can consult with your local agent or our company.

Notice 4: Put the machine in the stable place.

Notice 5: Please don't turn the pages until the glue cools down.

Notice 6: Don't put too much glue in the glue box. Do not exceed the center axis of the glue rollers.

Notice 7: Take away the standby glue from kids, which avoid kids eat it.

Notice 8: You are very known warning label information on machines .

### Notice

- **Our Company is not responsible for any machine damage caused by your incorrect operation.**
- **You will accumulate much binding experience during the operation; You are welcome to share your experience with us for the benefit of other customers.**



## VII Daily Maintenance

**Regular maintenance to the machine will make the machine work better and keep it in a good condition for longer time.**

• Often to clean extra glue on cover flat, below flat of clamp book and some outside glue of glue tank.  
Don't use metal or hard part to clean the glue.

- Add grease to carriage and glue tank chain , at least half a month
- Add white oil to clamp book running rod ,at least half a month (prohibit to add grease)
- Add grease to gear inside of book clamp flat, cover clamp flat, and motor at least half monthly
- Add high temperature machine oil to adding glue rolls and shaft sleeves of rolls, at least half monthly.
- You should clean the milling cutter and dust collector regularly
- If you have mechanical knowledge, please regularly check all the screws to see whether they are fixed or not.
- Any uncertainty problem, kindly contact our factory or local agent

Notice

**Please don't disassemble the machine by yourself without qualified instruction; otherwise you will lose the guarantee qualification.**



## VIII Self-checking



Pic 8-1



Pic 8-2

Press SET-UP key enter self-checking interface (See Pic8-1), press Self-check key to enter self-checking mode. (See Pic 8-2)

### **Trouble Alarming**

The machine gives an alarm automatically under some special abnormal situations after you turn power on. You'll hear a “di di” warning sounds and the following contents of alarm shows in display screen:



Contents of alarming	Reason	Solution
Back to home page &press START again	Need under Work Mode or Cover interface to bind book	Switch to Cover interface or Work Mode.
Exceed Range	Exceed range of parameter	Adjust the parameter within range
Make sure glue melt, press Start, then Clamp button to initialize block's thickness	Every first cycle, initialize block's thickness as reference value	Firstly press Start, then Clamp Button on the carriage.
Clean dust bag, add lubricate, regular maintain	Dust bag jammed, regularly clean it	Just need to regularly clean the dust bag
Reset the carriage	Reset the carriage at original position	Enter Self-checking mode, reset the carriage
Sounds DiDi when cover sensor damaged or bad connection	1.cover sensor get dirty or damaged 2.strong light around the machine	1.clean sensor, change wiring or replace sensor 2. Remove the strong light source
Sounds DiDi when book infrared sensor damaged or bad connection	1.book infrared sensor get dirty of damaged. 2.strong light around the machine	1.clean sensor, change wiring or replace sensor 2. Remove the strong light source
L. Limit test Error	Carriage return left, no detect signal in set time. Alarming appears, means left limit sensor faulted.	1.Maybe wiring from left limit sensor to main board turnoff, short-cut or damaged. 2.Repair or replace left limit sensor

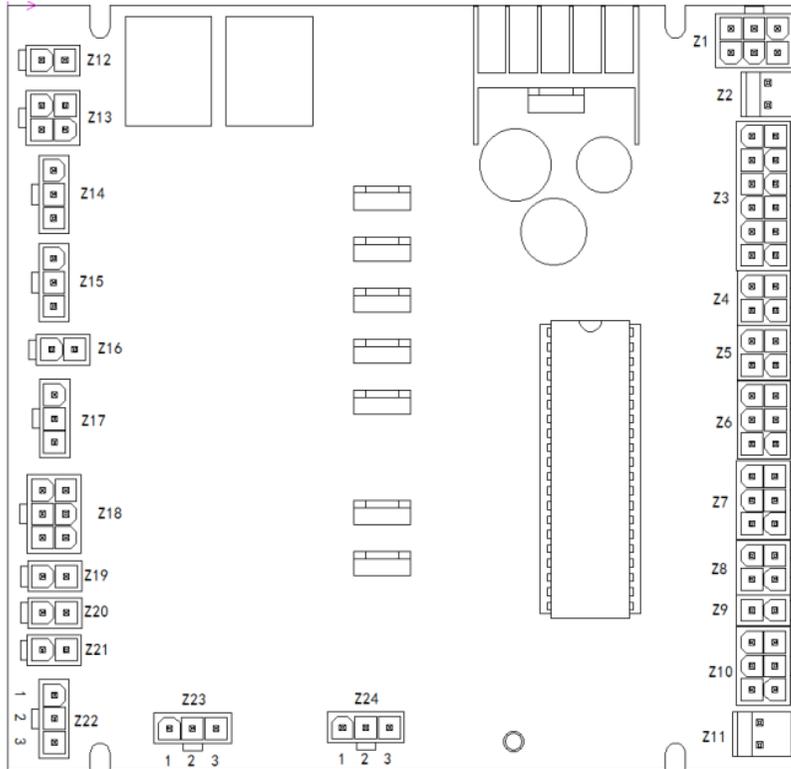


Contents of alarming	Reason	Solution
R. Limit Error	Carriage arrive right end, no detect signal in set time. Alarming appears, means left limit sensor faulted.	<ol style="list-style-type: none"> <li>1. Restart machine take off book.</li> <li>2. Maybe wiring from right limit sensor to main board turn off, short-cut or damaged.</li> <li>3. Repair or replace right limit sensor.</li> </ol>
Speed Test Error	The carriage arrive right, receiving right limit signal or overtime alarming message cleared, no received enough speed testing pulse, now alarming appears on screen, means speed test sensor faulted.	<ol style="list-style-type: none"> <li>1. Maybe right limit sensor and speed test sensor faulted at same time, alarms also at same time. It must to repair.</li> <li>2. Speed test sensor (test motor coil) amaged. Replace it.</li> <li>3. Carriage motor or main board damaged. Replace please.</li> </ol>
Cover detect Error	When start cover clamping, no detected cover sensor signal at set time, alarming appears on screen, means sensor under cover table faulted.	<ol style="list-style-type: none"> <li>1. Maybe wiring from cover clamp sensor to main board turn off, short-cut or damaged, repair it.</li> <li>2. The induction magnetic of sensor removed or drops. Adjust it.</li> <li>3. Sensor damaged, replace it.</li> <li>4. Contact agent for complete repair. Otherwise keep alarming every starting machine.</li> </ol>

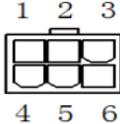
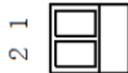
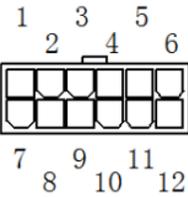
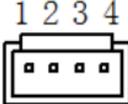


# IX Connector and Wiring Diagram

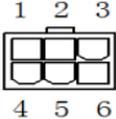
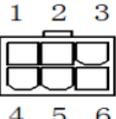
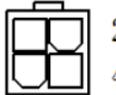
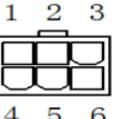
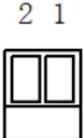
## 1. Explanation to Wiring diagram



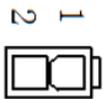
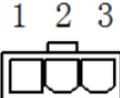
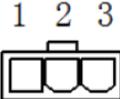
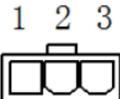
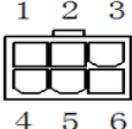
## 2. Explanation to connector on main board

No.	Name	Diagram	Explanation
Z1	transformer Secondary		1of 4V, 2of 0V, 3is for standby; 4of 12V, 5of 0V, 6 of 12V。
Z2	Temperature Sensor		1,2 to two ends of temperature sensor(no difference)
Z3	Power board Main board 12core wire		<p><b>K6-8-9-10:</b> 4,5,6 is power, signal and null of block sensor; 1 connect to power of left limit sensor; 7 to power of right limit sensor; 11,12 to two ends of Clamp button (no difference).</p> <p><b>K3-5-7:</b> 4,5,6 is power, signal and null of block sensor; 1 connect to power of left limit sensor; 7 to power of right limit sensor; 2,3 to two ends of Clamp open button. 11,12 to two ends of Clamp close button.</p>
Z4	Code disc sensor		1to power.2 to null lin,3 &4 to signal
Z5	panel		1to null line, 2& 3 to signal, 4 to power



No.	Name	Diagram	Explanation	
Z6	Online sensor plug		1,2,3 to 0V, standby,5V of online sensor 4,5,6 to SCL,SDA,WP of online sensor	
Z7	Cover clamp sensor plug		1,2,3 to power, signal and null line of cover sensor. 4,5,6 to power, signal and null line of cover limit sensor.	
Z8	Right/left limit sensor		1,3 to null line, signal of carriage right limit sensor. 2,4 to null line ,signal of carriage left limit sensor.	
Z9	Speed measure		1,2 to two ends of carriage speed measure sensor(no difference)	
Z10	Pre-open sensor plug		<b>K6-8-9-10:</b> 1,2,3 to power, signal, null line of mill cover sensor, 4,5,6 to power, signal, null line of mill cover zero position sensor	<b>K3-5-7:</b> 1,2,3 to power, signal, null line of Book clamp back limit sensor, 4,5,6 to power, signal, null line of Book clamp front limit sensor.
Z11	Temperature sensor 2		1,2 to two ends of temperature measuring sensor. (no difference)	



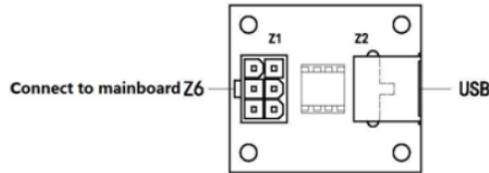
No.	Name	Diagram	Explanation	
Z12	Block clamp motor		<b>K6-8-9-10:</b> 1 to negative pole of block clamp motor. 2 to positive pole of block clamp motor.	<b>K3-5-7:</b> 1 to 1 pole of Z13.
Z13	Rectifier plug		<b>K6-8-9-10:</b> 1,2 to AC end of rectifier(no difference). 3 to+ pole of rectifier, 4 to - pole of rectifier.	<b>K3-5-7:</b> 2 to + pole of Book Clamp Motor; 4 to - pole of Book Clamp Motor; 3 to 0 pole of Book Clamp Motor
Z14	Cover clamp motor		1 to null line of cover clamp motor, 2 to motor forward, 3 to motor reverse	
Z15	Carriage motor		1 to null line of carriage motor, 2 to motor forward, 3 to carriage motor reverse	
Z16	standby			
Z17	Pre-open motor		1 to null line of milling cover motor, 2 to motor forward, 3 to motor reverse.	
Z18	6 core plug		1 to N line of main board power, 4 to L line of main board power. 2 to null line of jogger motor, 5 to phase line of jogger motor. 3 to null line of glue tank motor, 4 to phase line .	



No.	Name	Diagram	Explanation
Z19	Motor of milling	1  2	1 to null line of motor of milling, 2to phase line.
Z20	Heating plate	1  2	1 to null line of heating plate, 2 to phase line.
Z21	Heating rod	1  2	1to null line of heating stick, 2 to phase line.
Z22	Thyristor of heating rod	1 2 3 	1、2、3 to trigger, power and output of thyristor of heating rod.
Z23	Thyristor of heating plate	1 2 3 	1、2、3to trigger, power and output of thyristor of heating plate.
Z24	Thyristor of milling	1 2 3 	1、2、3to trigger, power and output of thyristor of milling cutter.



### 3. Explanation of Data connector (on-line sensor)



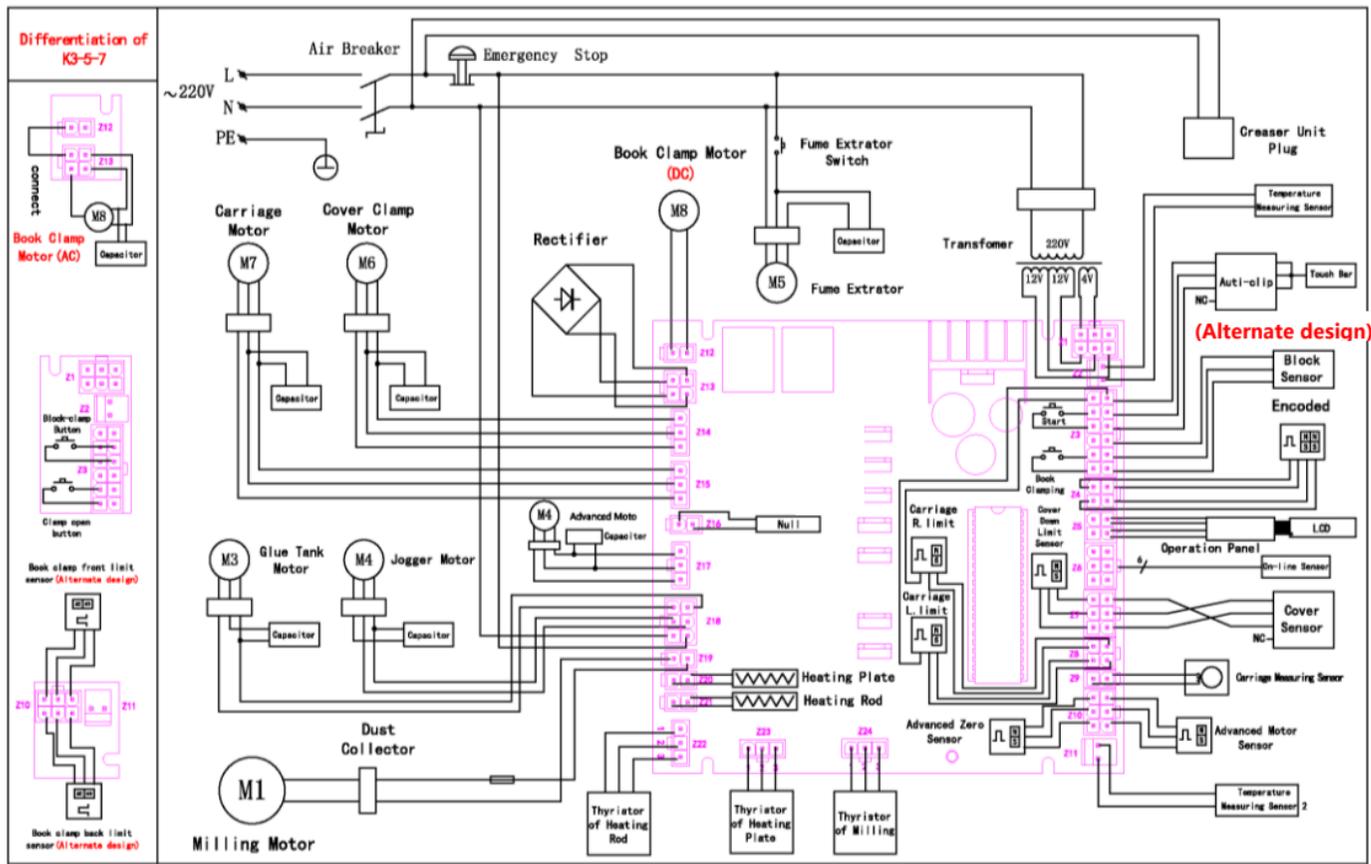
Outlet Code	Outlet Name	Outlet Sketch	Line
Z1	Connect to data line		1 means 0V; 2 is for back up; 3 means 5V; 4 means SCL line; 5 means SDA line; 6 means WP line.
Z2	USB		1 connect to null line; 2 connect to D+; 3 connect to D-; 4 connect to the power supply.

### 4. Explanation to connectors

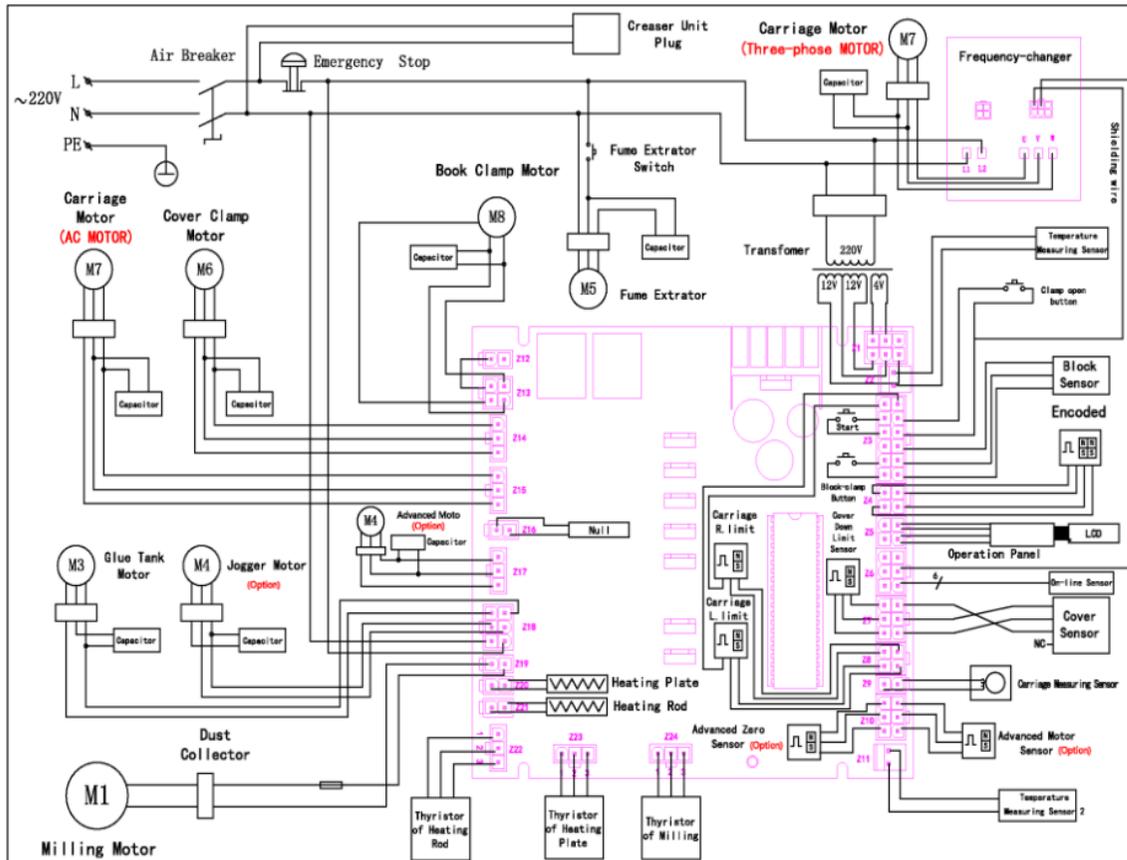
transformer	book block sensor	Dial sensor	cover down limit sensor
<p>~ 220V</p> <p>1 To board Z1 2 3 4 5 6</p>	<p>To board Z3</p>	<p>To board Z4</p>	<p>To board Z7</p>
Cover sensor	Left/right carriage sensor	thyristor (BAT41)	Pre-open zero,coil number sensor
<p>To board Z7</p>	<p>To board Z3, Z8</p>	<p>To board Z23, Z24</p>	<p>To board Z10</p>



### 5. Wiring Diagram of K series glue binder (suitable for V8.0/ V8.1 version)



## 6. Wiring Diagram of K series glue binder (suitable for $\geq$ V8.2 and two speeds of carriage binder)



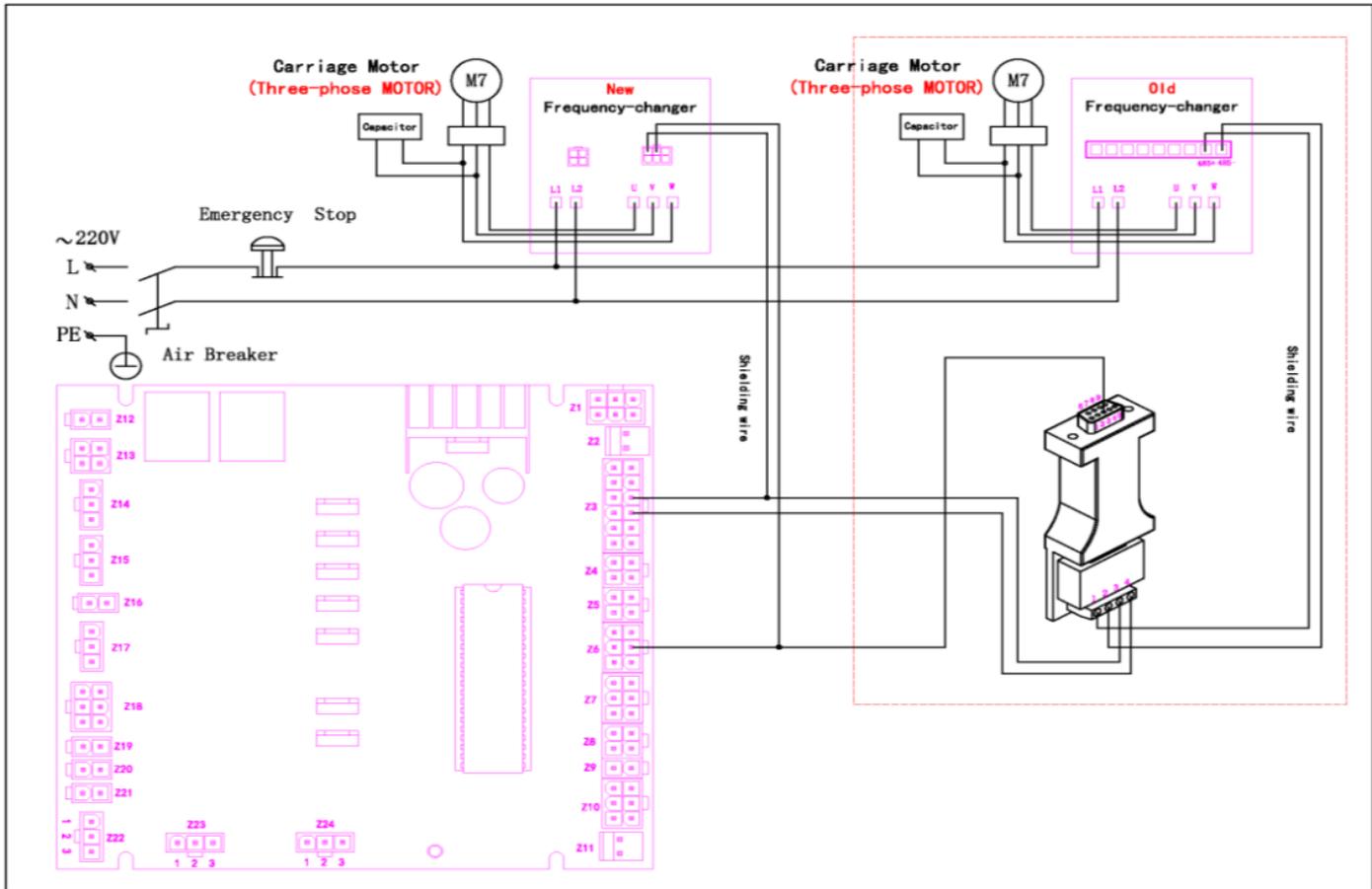
### Note:

M7 interface of carriage motor wire connecting:

1. If the machine is “digital two speeds of carriage” binder, “M7 of 3PH carriage motor” connect with “frequency transformer”.

2. if the machine is not “digital two speeds of carriage” binder, “M7 of AC carriage motor” connect the Z15 of Main board.





**Different machine type and version should use suitable program code I,II ,III .( Program is compatible with before ,2019.03.30)**

Note: If choose wrong machine type and version , the carriage won't open ... etc wrong function.  
Risk of DC carriage motor . (Below B and C type , design type, not arrange production yet )

**If Old digital machine update to digital double speeds machine, Pls adjust the place !**

Machine type	Program code	Version	Not produce
1、 2、 3、 3B、 5、 5B、 7、 7B	I	Not produce	Program code I = Book clamp motor 1:15 (book clamp 9 sec.)
	II	V8.0、 V8.1	Book clamp motor 1:10 (book clamp 5 sec.)
	III	V8.2 Design type	Double speeds of carriage (3PH motor),book clamp motor 1:10 (book clamp 5 sec.)
6、 6B、 6C、 8、 9、 10	I	V8.0	DC motor(book clamp 1 sec.) single button of carriage
	II	V8.1 Not produce	1:8 AC motor (clamp 2 sec.) carriage two buttons, improvement of carriage lead screw .
	III	V8.2	Double speeds of carriage ( 3ph motor) . 1:8 AC motor (book clamp 2 sec), carriage two buttons (manual / auto.) improvement of carriage lead screw , Dual mode cover clamp is updated to Two-way double height

Note: User password: 123456 , can't change the machine type.

Engineer password: 655368 , can change the machine type



**RESERVED Page**

