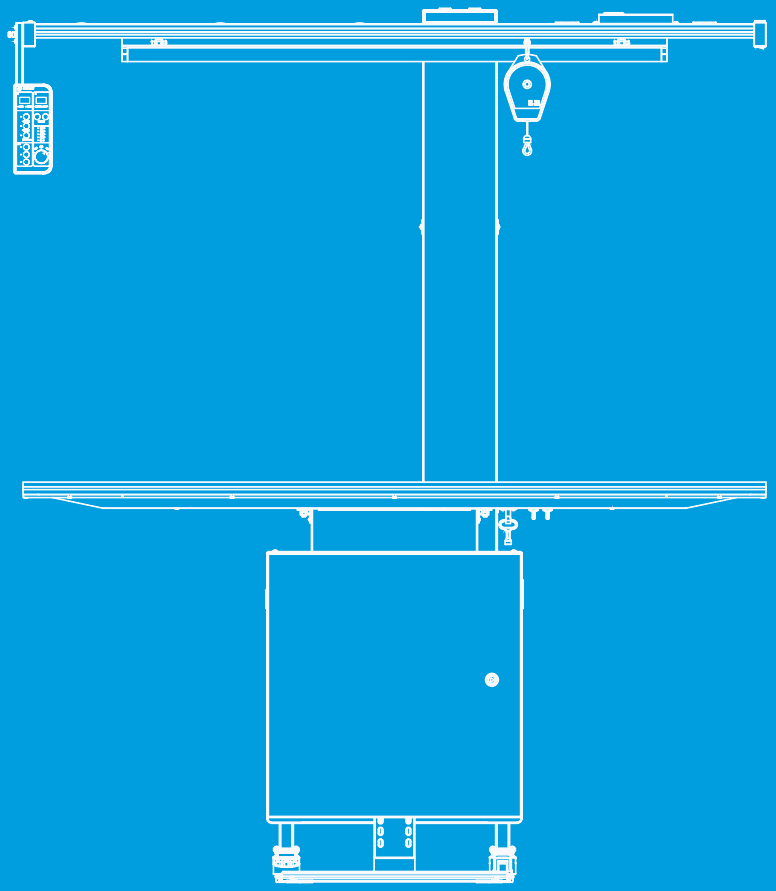
HEMWAY

HT SERIES MANUAL

INTELLIGENT IRONING TABLE HT868/HT818



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SHENZHEN HEMWAY SMART DEVICE CO., LTD

STATEMENT

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If there are any changes in the product structure and appearance, please refer to thereal product.The product specifications and information mentioned in this instruction arefor reference only and are subject to change without notice.Check out our website at anytime:
http://www.hemway.com.cn

The product works under high temperature and high pressure environment. Non-professional maintenance personnel are not allowed to disassemble the product withoutpermission. Please refer to our warranty card for warranty.

Outside the warranty period, we also provide services. If you need to replace theparts, we will charge a certain amount for the parts.

Unless otherwise agreement, this instruction is used only as a guidence and allstatements, information, etc. in this book do not constitute any form of warranty.

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一、PRODUCT INTRODUCTION

• Product Introduction

Intelligent ironing table is a garment ironing product independently researched and developed by our company and obtained many national patents.the product has safety steam drying, adjustable height , strong suction, adjustable speed and multi-function lamp bracket system, intelligent control box and other functions. At the same time, it has integrated control with steam generator.

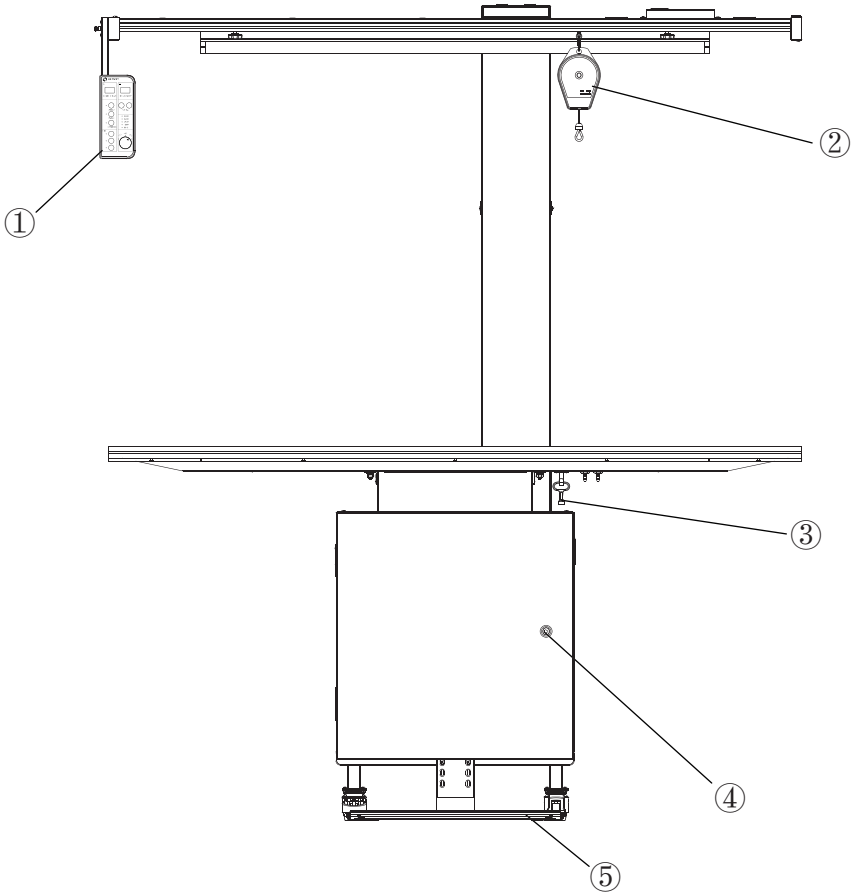
This product is suitable for all kinds of garment factories, garment aftertreatment centers, home textile shops, curtain shops, washing The clothes room, it can wrinkle and shape all kinds of fabrics to achieve the ideal ironing effect.

• Technical Parameters

Product Model	HT868	HT818
Heater Rated Power	750W	750W
Rated Voltage	AC 380V	AC 380V
Frequency	50～60Hz	50～60Hz
Board Size	1600*800mm	1200*650mm
Product Height	800-900mm(Adjustable)	800-900mm(Adjustable)

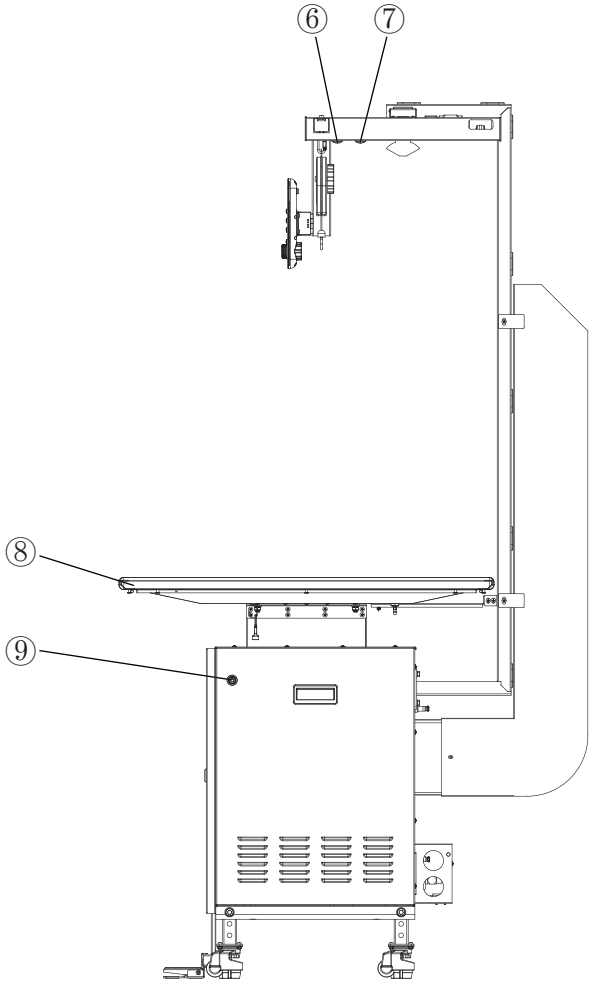
• External Product Structure

• Host--Front

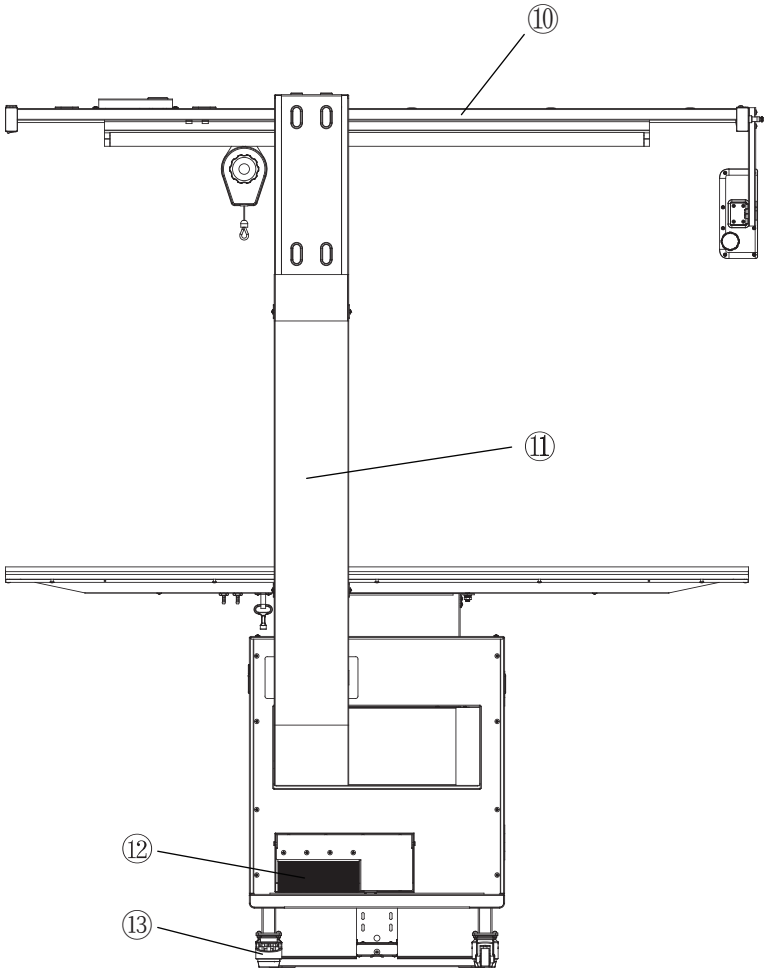


1、Control Box　2、Spring Balancer　3、Triangle lock key
4、Triangle lock　5、Foot Phase

• Host--Side



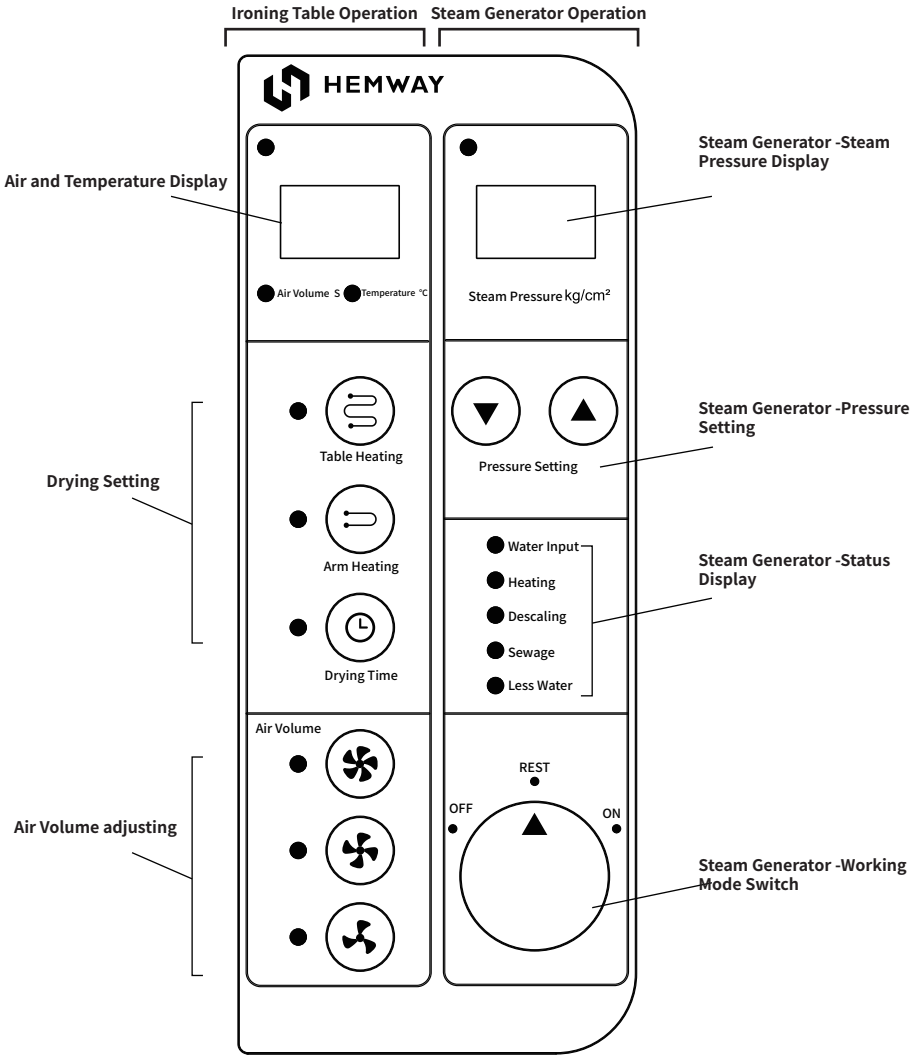
• Host--Rear



6、Fluorescent Lamp Button　7、Laser Button　8、platform board
9、Power Switch

10、Slidie lamp bracket　11、Fan outlet　12、Pipeline storage box
13、Forma wheel

• Control Box Introduction

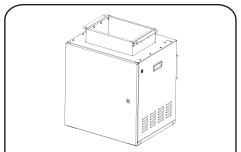


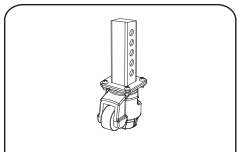
NOTE the Steam Generator Operation area on right is only in case the Ironing Table with a steam generator . Not available without combined steam generator.

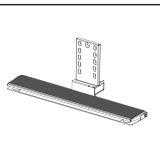
二、INSTALLATION GUIDE

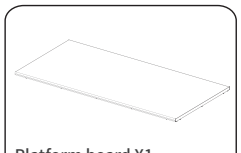
• Packing List

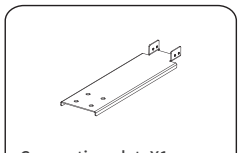
NOTE when opening the outer packing, please read the instructions carefully and keep the relevant certificates properly.

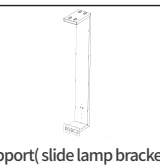

Main host box X1

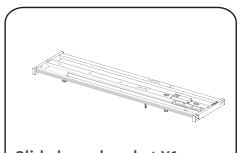

Forma wheel X4

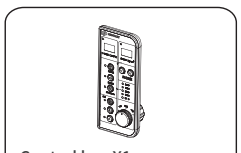

Foot Phase X1

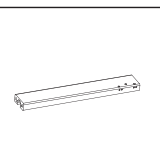

Platform board X1

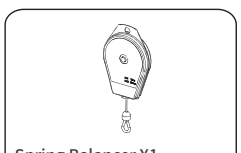

Connecting plateX1

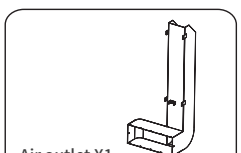

Support(slide lamp bracket) X1


Slide lamp bracket X1


Control box X1


Control box fixing profile X1


Spring Balancer X1


Air outlet X1

Triangle lock key X1

User's manual x 1

Warranty card x 1

NOTE if there is a shortage or damage of parts, please contact the local distributor .

• Installation notes

• If it is found that the machine has been damaged or the parts are missing (including the power cord, etc.), please take pictures and contact our service center. do not try to operate the machine.

• Take care not to drop accessories when taking them out of the product box. This may cause personal injury or product damage.

• Do not install the machine in damp and dusty places. do not install or store the machine in any outdoor area, or in any direct sunlight, wind, rain or temperature environment below freezing point.

• Tighten the pipe joint to avoid loosening.

• Do not use the power cord which have been damaged,and contact the authorized service center to prevent safety accidents.

• Do not connect the multi socket, power extension cable or adapter.

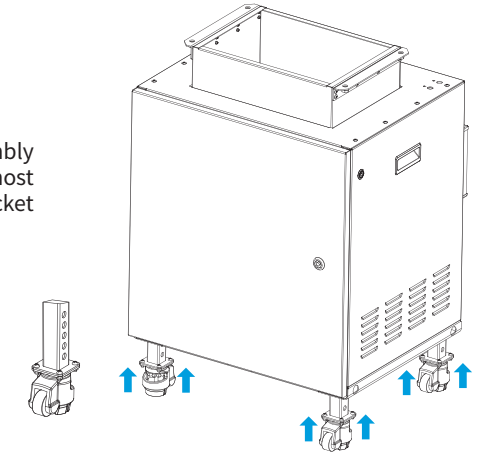
• The machine must be grounded. In case of failure, the grounding can provide the minimum current resistance path, so as to reduce the risk of electric shock to human body and protect the influence of static electricity on the machine.

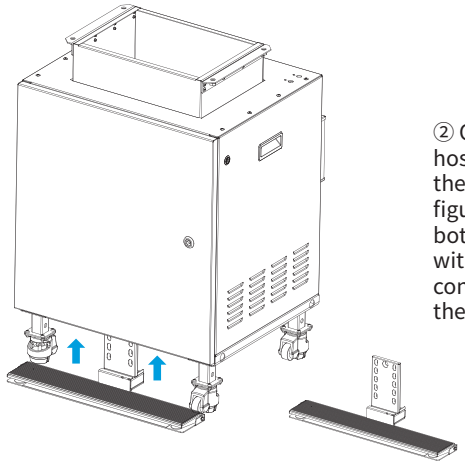
• Failure to properly connect the machine ground lead may result in a risk of electric shock. If it is not sure whether the machine is properly grounded, contact qualified electrician or maintenance engineer check it.

• HEMWAY will not take any responsibility for any risks or accidents caused by failure to install standard wiring according to this manual.

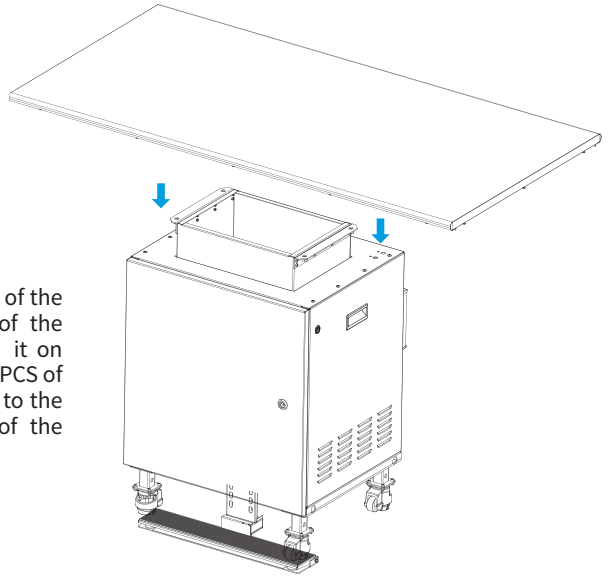
• Installation Steps

① Fix the Forma wheels assembly on the bottom of the main host box with four PCS of M10 socket head screws.

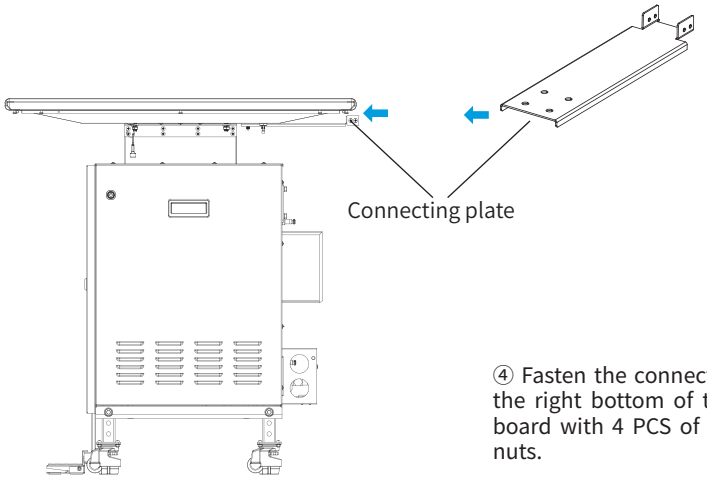




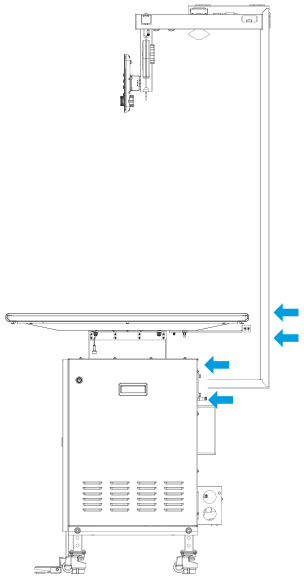
② Open the front shell of the main host box, place the foot phase at the position as shown in the figure, fix the foot phase at the bottom port of the main host box with two PCS of M4 screws, and connect the aviation socket with the bottom socket.



③ Place the platform board of the ironing table on the top of the main host box, and fasten it on the main host box with four PCS of M8 hex nuts. (pay attention to the front and back direction of the platform board).

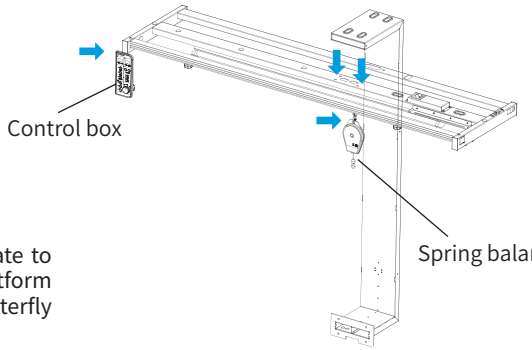


④ Fasten the connecting plate to the right bottom of the platform board with 4 PCS of M6 butterfly nuts.



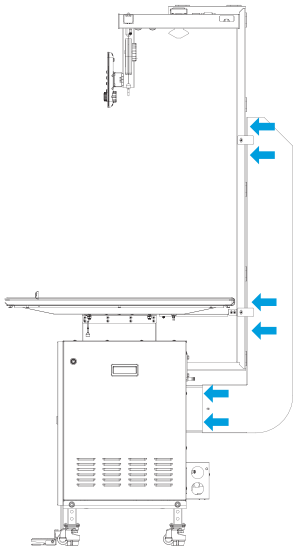
⑥ Fasten the slide lamp bracket and support assembly on the rear panel of the main host box with 4 PCS of M6 external hexagon screws.

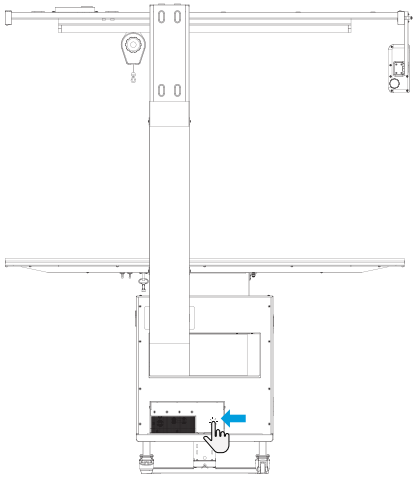
Fasten the slide lamp bracket and support on the connecting plate under the platform board with four PCS of M4 big pan head screws.



⑤ Fasten the connecting plate to the right bottom of the platform board with 4 PCS of M6 butterfly nuts.

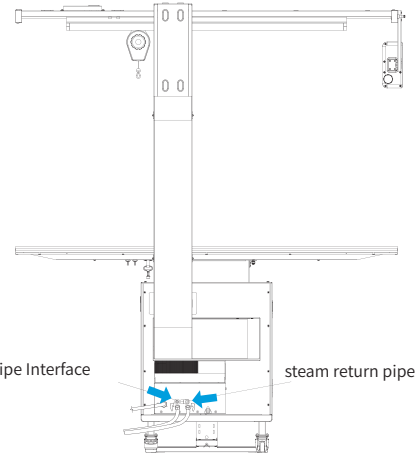
⑦ Assemble the support to the air outlet with 12 PCS of M4 socket head screws,Then connect and fix the Air outlet with four PCS of M4 big pan head screws to the slide rail lamp bracket and support.





⑧Press the back of the pipeline storage box to open it .

⑨ Connect the steam pipe (left) and the steam return pipe (right) to the corresponding interface.



三、OPERATATION

• Operation Notice

- Do not attempt to split any panels or disassemble the machine.
- Do not use sharp tools to operate the control panel.
- Do not repair or replace any parts of the machine. All repair and maintenance must be performed by qualified maintenance engineer, always using HEMWAY authorized original accessories.
- Do not use non original parts of HEMWAY to replace the parts of this machine.
- Keep the bottom and surrounding area of the machine free of combustible substances, such as thread, paper, rags, chemicals, etc.
- Keep the main host door closed, children or animals may climb into the mchine, causing damage to the machine or personal injury.
- Do not put combustible, inflammable or explosive substances into the interior of the machine (such as wax, wax remover, engine oil, paint, oil, degreaser, dry cleaner, kerosene, gasoline, stain remover, turpentine, vegetable oil, edible oil, acetone, ethanol, etc.), which may cause fire or explosion.
- Do not touch the pipeline and pipeline interface of the machine during operation to avoid scalding.
- In case of flooding, please disconnect the power plug.
- Do not use combustible gases and substances (benzene, gasoline, diluent, oil, alcohol, etc.) near the machine.
- Do not touch the power plug or electrical control parts with wet hands.
- Do not over bend or place heavy objects on any pipelines of the machine.
- Clean the dust, animal hair, clothing fiber, etc. in the machine, it may cause short circuit, catching fire .

• Operation Method

① Power button
(Figure 1)

(on the right side of the main host box)

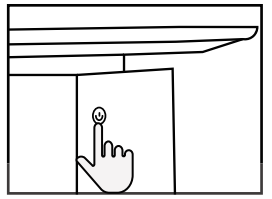


Figure 1

② Foot phase
(Figure 2, figure 3)

(air suction on and off, as shown in the figure)

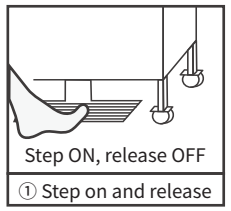


Figure 2

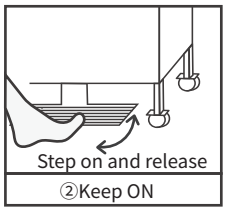


figure 3

③ Control box (Figure 4)

•Drying of platform board and arm

(* increase 15min for each press, 120min for maximum timing, cycle switching) (* arm is optional part)

•adjustion of suction air volume

(*suction air volume adjustion is only supported for 220V model)

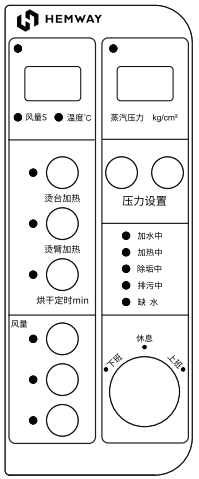


Figure 4

四、Maintaince and Maintaince Methods

- Clean the dust, fluff and lint of each part of the ironing table before operation,and keep the working environment clean and tidy.
- After start-up, confirm whether the ironing table can absorb air and heat, whether there is steam in the iron (open the iron to output steam for about 5 to 15 seconds, until the iron steam does not contain water drops), etc., and then it can be used normally.
- Step the foot phase, check the wind force and damper, listen for abnormal sound, and check whether the foot phase is flexible and reliable.
- When leaving temporarily or OFF work, the machine must be shut down. It is prohibited that keep the machine power ON and steam generating when the personnel leave.
- Shut down the machine and clean the ironing table before OFF work.
- Clean or replace the sponge pad,If the air volume becomes less and less, otherwise the ironing effect will be affected.
- In case of abnormal sound or peculiar smell of the ironing table during operation, turn off the power immediately and contact a mechanic for checking and fixing.
- Perform an overall safety checking on the ironing table weekly.
- Check the iron frequently for dirt and keep the ironing table clean.
- In case of iron failure during operation, contact professional maintenance engineer for repairing.
- Maintenance engineer shall regularly check the iron for surface cleaning and internal inspection and maintenance.

五、FAULT ANALYSIS AND TROUBLESHOOTING

• Fault Analysis

Fault	Source matter	Checking method	Solution
Motor doesn ‘t rotate	Main control board	Short circuit the foot phase interface on the main control board and check whether the main LED is on	replace main control board
	Cables between Main control board to the foot phase	Disconnect the foot phase signal connection port on the main control baord, short-circuit with a cap, check whether the LED light up / whether the motor is rotating	Replace cables / fix virtual connecting
	Cables between the main control board to the AC contactor	Use a multimeter to measure whether the connection is virtual.	
	5V power supply	Observe the indicator light of the power supply. If the indicator light is not on, check the switching power supply and the power supply. Otherwise, check the cablses from the switch power supply to the main control board of the ironing table.	
	24V power supply	Observe the indicator light of the switching power supply. If the indicator light is not on, check the switching power supply and the switching power supply. Otherwise, check the wire from the switch power supply to the main control board of the ironing table board of the ironing table.	
Control box doesn't display(Left area)	PCB of the display box	Replace the new display board and check whether it is work properly.	Replace the new display board
	Cables between main control board to the display	Disconnect the main power supply and use a multimeter to measure whether there is a short circuit at both ends .	Replace cables / fix virtual connecting
	Main control board of ironing table		replace a main control board
Control box doesn't display(right area)	Cables between Ironing table to steam generator	Disconnect the main power supply and use a multimeter to measure whether there is a short circuit at both ends .	Replace cables / fix virtual connecting
	The main board of steam generator	Use the multimeter to measure the voltage at dc gear and AC gear respectively. If there is voltage, it is normal .	Replace cables / fix virtual connecting
	Main control board of ironing table		replace a main control board
Display temperation is 300°C	Main control board of ironing table	Use the multimeter to measure the on-off of j6-15 to chip u10-2.	replace a main control board
	Temperature sensing cables	Use a multimeter to test both ends of the wire with a resistance of 20K. If there is about 1100r, it is ok.	Replace cables / fix virtual connecting
	Temperature sensor	Use a multimeter to test both ends of the wire with a resistance of 20K. If there is about 1100r, it is ok.	replace a Temperature sensor
	The interface	Crimp terminal tightly.	Replace cables / fix virtual connecting

Ironing table not Heatng	Solenoid valve	Replace the solenoid vavle when there is voltage on both ends of the solenoid wire	Replace the solenoid vavle
	Cables	Check both ends of the solenoid valve cables	Replace cables / fix virtual connecting
	Main control board of Ironing table	Detect the voltage of j6-4 pin, when the solenoid valve is open, the voltage is 0V, when the solenoid valve is not working, the voltage is about 24V	replace a main control board
	pipes	Check whether the pipeline is blocked	Dredge pipeline
		Check whether the drain valve is working properly	Replace or unblock the drain valve
	solenoid valve interface	loose contact of solenoid valve interface	Crimp terminal tightly
The indicator light of switching power supply is not on	Switching power supply	Use multimeter 750VAC to measure the voltage between the two wires of J1 (non ground wire)	replace the switch power supply,If there is 220V voltage
	cables	Use a multimeter 750vac to measure the voltage (not the ground wire) between the two wires of j1	If there is no 220V voltage, check whether the wires, switches and fuses
	Voltage transformer	Disconnect the main power supply, use the on-off gear of the multimeter to measure whether the input and output terminals of the transformer are short circuited	Replace transformer
Air duct does not switch	Arm limit switch	Disconnect the main power supply, and check whether there is short circuit at both ends of the on-off measuring line of the multimeter	Replace the contact switch
	Arm limit switch cable	Disconnect the main power supply, and check whether there is short circuit at both ends of the on-off measuring line of the multimeter	Replace the contact switch
	Main control board of Ironing table	Measure the voltage between j6-5 / 6 pins with the multimeter dc gear	Replace the main control box
	Motor	Disconnect the main power supply, and use the on / off gear of the multimeter to measure whether there is a short circuit at both ends of the motor	Replace the motor
	mechanical failure	If the motor has rotating vibration sound, check whether the baffle	Replace the baffle
		If The motor has rotating vibration sound, and check whether the baffle is stuck	Clean the baffle
		If the motor has rotating vibration sound, check whether the linkage between the motor and the baffle plate	Replacement link
	Interface	interface loose contact	Crimp terminal tightly

• Fan Failure And Cause Analysis

Fault	Analysis
Inadequate air flow	1. The system pipe network has large leakage or debris blockage 2. Pipe network resistance mismatch 3. Wind wheel steering error 4. Excessive air density 5. Speed reduction due to failure of the connection between the fan and the motor
Motor vibration	1. Impeller imbalance 2. The bolts fixing the impeller are loose 3. Friction of rotating parts 4. Motor bearing damaged 5. Pipeline resonance 6. Fan surge 7. Poor or damaged bearing installation 8. The main shaft is bent, deformed or worn
Overload of motor	1. The system resistance is small and the air volume is too large 2. Excessive air density 3. Poor insulation and motor failure 4. Motor power is too small
Abnormal temperature rise of bearing	1. Too much or too little grease 2. Improper of lubricating grease or poor oil quality 3. Bearing installation is too tight 4. Bearing failure or fatigue wear

六、AFTER SERVICE

If you have any quality problems or other problems after purchase Hemway products, please contact the local distribut or **hemway@hemway.com.cn** for consultation.

To apply for a warranty must be in accordance with the below conditions:

① Please operate the machine strictly according to the manual when it is first started up and used.
② Please use parts only from HEMWAY original
③ Please refer to the warranty card for other terms