
Tunnel dryer operation instruction



Dear customer hello:

Welcome you to use in zhongshan Hanswell machinery equipment factory products.

Hanswell mechanical equipment factory is a set research and development, production, sales and service as one of the printing equipment manufacturer, is also the national garment printing development base - zhongshan heng hui printing co., LTD., supporting manufacturers. Over the years, the company provides to the society leading printing equipment technology, superior performance,

first-class quality, exquisite appearance and leading printing equipment. In addition, the company researchers focus on solve the technical problems of high-end drying process, at the same time the introduction of domestic and foreign relevant in the field of high and new technology to promote the innovation and development of the printing equipment. At present, the company a number of products have been patented equipment.

Products involved in aluminium alloy type tunnel furnace, elves electro tunnel furnace, a two-component mesa of two-wheel driven mobile baking oven, digital integration type dryer, simple operation double location ironing machine, etc. Now the company's products are exported to Canada, Taiwan, Pakistan, Bangladesh, Vietnam, Kampuchea, Philippines, India and other countries. In addition, our company also can be customized according to customer demand of different specifications, different types of printing machine.

Hanswell mechanical equipment factory "quality first, customer first" principle, wholeheartedly for the majority of printing and dyeing customers provide the best quality products and the most perfect pre-sale training and after-sales service. Customer satisfaction is our ultimate goal.

Tunnel dryer is introduced

1、The machine is suitable for printing plant and mass production, the drying effect is good speed and easy operation. Solve traditional oven time-consuming inefficient situation, is the ideal equipment of modern printing plant for mass production.

2、H1900-(S)/H1400-(S)/H800-(S)Model parameter:

Model group		1S	2S	3S	4S	5S	6S	7S	8S	9S	10S
L long	H1900	3500 mm	4500 mm	5500 mm	6500 mm	7500 mm	8500 mm	9500 mm	10500 mm	11500 mm	12500 mm
	H1400										
	H800										
W wide	H1900	2280mm									
	H1400	1780mm									
	H800	1180mm									
H high	H1900	1100mm									
	H1400										
	H800										
Conveyo r belt width	H1900	1900mm									
	H1400	1400mm									
	H800	800mm									
voltage		220V									
(Power) kw	H1900	15	30	45	60	75	90	105	120	135	150
	H1400	11	22	33	44	55	66	77	88	99	110
	H800	9	18	27	36	45	54	63	72	81	90

Model features:

3、carefully study the mature control system for many years, high control precision, human nature is strong, the operation is simple to understand.According to the requirements of autonomous set temperature, power, speed of net belt, can adapt to different areas, different climate production conditions.Can be set in room temperature to 200 degrees.

4、equipment, the overall design is reasonable, the heat preservation performance is strong, less heat loss, less power consumption.

5、each box has an independent hot air circulation system, to ensure that the air in the cabinet in high speed circulation, eliminate the possibility of heat accumulation, the temperature of each part of the uniform, guarantee of the same products and effect;High-speed hot air circulation, increase the heat permeability of fabrics, speed up drying effect.

6、with international leading level of the fault automatic detection system, timely detection of failure of tubes, and blockage of the filter, and display the tube failure part, avoid replacing tubes need to screen them one by one;Simple troubleshooting, no professionals.

7、high efficiency and energy saving radiation tubes, imported stainless steel reflector, the use of heat energy with high efficiency.

8、casing material, laser cutting, teflon high temperature resistant net belt, roller, imported temperature measuring device, ensure the most efficient operation.

the equipment work smooth operation, quiet, safe and simple maintenance.

Advantages: quick drying, good effect, simple operation, energy conservation, environmental protection, excellent performance, powerful, durable, low maintenance rate, energy saving save electricity above 30%.

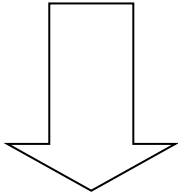
Fuselage shell: fine steel material to make a hard and durable of the fuselage, the whole body of the lacquer that bake to imported cars chassis not to drop paint, does not rust, easy cleaning, beautiful appearance

design and easy!

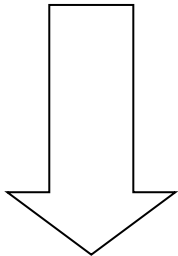
Note: special dimensions and functions can be customized according to customer's requirement!

Boot process and the corresponding function

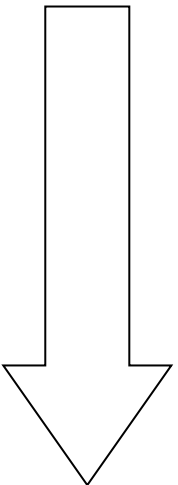
1. Power switch ON key -----Electric box AC contactor pull, the oven power, into the solid state controller detection status.



2. Start switch to ON bit -----Temperature control drying time panel display power.
At this time into the tube detection

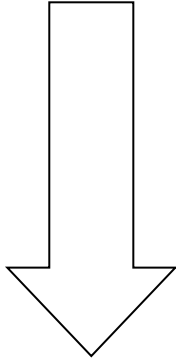


3. Control box on the synchronous start green mushroom head switch -----



1: The machine enters the working state, that is, the temperature is heated to the set temperature and keep constant temperature. **2:** Each section of the oven of the cycle of wind opportunities to set the size of the air flow. **3:** Speed control circuit board to set the drying machine time for automatic speed control. **4:** At any time to carry out the cycle of wind turbine failure detection.

4. Temperature reaches the set temperature -----Each group of

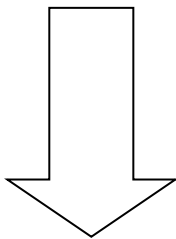


temperature control table corresponding to the indicator light will be in the alternating state, that is, the heating tube in each oven is also in the Work and don't work alternately to maintain temperature in the furnace.

5. Electric box cooling switch -----Rotate to on position, start cooling of the cooling fan

The machine uses the shutdown process 1、

processStart switch to OFF-----The temperature control



meter, the speed table stops the display tube to stop heating, the belt stops running.

2. Turn off the main power switch press the OFF key. Then turn off the main switch.

Fault handing process

Failure phenomena	processing method
Belt motor does not operate	1: Check whether the drying time module is energized, whether it is on or not. 2: Confirm whether the setting of drying time is more than the required drying time setting range, generally 30 seconds ~400 seconds. 3: Check the motor line plug is poor contact, etc..
There is error between the actual drying time and the setting of drying time	1: Check the proximity switch in the belt motor gear cover is loose, whether it is sensitive to the detection point of the gear. 2: Close to switch wiring loose or damage, etc..
Lamp alarm	Open the alarm module corresponds to the oven of the electric box, in the absence of heating time to check the control of the SSR lamp is not bright red light which is damaged

The temperature is much less than the set temperature	1: Tube damage 2: SSR damage control of the tube 3: PT100 temperature measuring probe damage 4: Whether the heating module is turned on
The actual temperature is much higher than the set temperature	SSR damage control of the tube. Turn on the oven to check which light tube is still heated when it is heated and the SSR is damaged.
Serious belt deviation	The mouth of the cloth, the mouth of the cloth belt are run to the right side, then there is a drum can be adjusted to the right side of the mouth, can rise to the right side of the drum or reduce the left drum, each time adjusting the half circle is appropriate.
Temperature control display uuu	Pt100 temperature measurement break
Fan alarm	1: Restart after 1 minutes 2: Fan or inverter damage

Governor board alarm	Please press REST reset button
The total power switch of the machine can not be started	Check whether the red, if the red switch socket on the 1; 2; 3 on any two lines, turn green

matters needing attention:

1: Clean the filter regularly and each oven, electric box.

2: Pay attention to whether the lamp is warning before starting every time

3: Attention to the operation of the fan alarm

Special reminder: In connection with special
attention to the main line of the main
machine and the main line of each
section of the main line of the line of
fire is correct

Operation flow:

一: Speed control panel operation:



Reset key: When the machine runs about 300 hours, the module alarm, three LED lights, the need to promptly clean up the electric box and filter, press the RSET key to return to normal.

二：温控面板操作：

Temperature control panel operation:



The tunnel furnace to clean the filter every 30 days, 90 days, please add lubricating oil to the joint bearing, the appearance, please keep clean.