

Instructions of sublimation heat transfer machine



一、 Technical parameters:

Size:100*120cm

Voltage: 220V/380V

Power:12KW

Time range:0-999Sec

Temperature range: 0-750.2°F

Working pressure: 0 -114 Psi

二、Main uses:

This machine is especially suitable for large format cloth printing, large billboard printing, garment printing, and ceramics, glass, sheet, metal, decorative building materials printing, as well as other printings. The platform is a drawer type design with high-temperature resistant mesh laid. It is light and handy, energy-saving and good-looking. We adopt the digital microprocessor controller to assure accurate display of time and temperature.

三、Product features:

1. Uniformity-heating, working area is large, it is suitable for large area of printing.
2. The platform is designed with the pulling type frame design with high temperature resistant net cloth laid which has changed the old design style of using thick plate. This new mode makes the operation more easy and energy saving.
3. The heater and base platform are aluminum casting, to ensure the uniformity and stability of printing pressure and temperature.
4. This machine adopts the imported components, automatic spacing with advantages of accuracy, reliability and security and it can be used for long time.
5. Digital microprocessor controller control temperature and time, We use digital timer which complete the work according to the signal instructions.
6. Our pressure adjuster enables you to adjust pressure at will, the bottom plate is equipped with high-temperature resistant ironing

board and imported wool blanket, which is widely used in printing.

7. You can turn the switch freely to manual and auto mode , it has high efficiency.

四、 Operating steps:

Attention :The machine must be properly earthed.

1. Plug in, close the switch of the circuit breaker, then the indicator lights up.

2. Turn on the power switch.

3. Preset the temperature controller , wait till the temperature reach the setting temperature, OUT1 indicator go out, then flash automatically. (heat-retaining mode)

4. Set the time controller to the needed time.

5. When temperature reaches the setting temperature, then switch to manual mode , push the platform to correct position, and press the startup, then the cylinder start working. It will return to original position after reaches the setting time.

6. When the mode switch turn to “auto” mode, push the platform to the right position, the upper plate will press down automatically and return to original position after reaches the setting time,. (Attention: if the platform is not in the right position, and the machine won’ t start work.

The red circular button is “emergency stop button” , the machine won’ t work as

the heater will go up immediately if you press this button,.If you want work again,turn the red circular

7.button to clockwise direction,then the button leave automatically and the machine works again.

五、 Maintenance:

1. About pressure: If the pressure is unbalanced,use a ruler to measure the distance between the lower platen and the heater from 4 sides,if they are not the same,you can fix it by adjusting the nuts above the heater(tighten down makes the heater up,tighten up makes the heater down).If the pressure is too low or too high(normally the pressure is 4KG-6KG), please adjust the filter,press“+”to increase the pressure,press “-” to decrease the pressure, and you can check if the air compressor is in it’ s normal condition(normally the pressure is 6KG-8KG).



2. About time: if the machine does not go up automatically when heating time is up.

1) Check the air pressure whether in a normal condition.

2) Check circuit

3. About temperature: After temperature setting, if the indicator OUT1 lights up but the heater does not heat up, please check the circuit. (Temperature controller, Solid State Relay)

Heat transfer temperature&time setting:

1. Sublimation transfer-temperature: 220°C, time: 20 sec
2. Film heat transfer-temperature: 160~180°C, time: 8~10sec
3. Foam heat transfer-temperature: 140~160°C, time: 5~8sec
4. Diamond heat transfer-temperature: 180°C, time: 10~12sec
5. Iron plate heat transfer-temperature: 180°C, time: 30sec

Set the temperature and time

