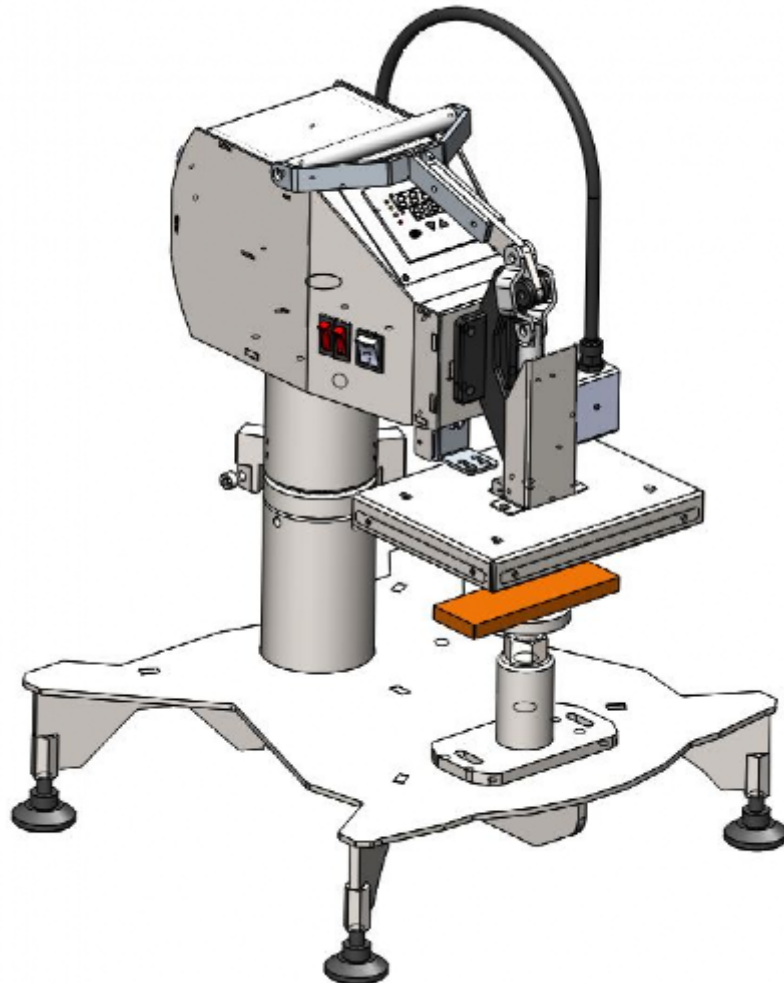


CS-671 Manual Flat Press Machine

Operation Manual



is powered by

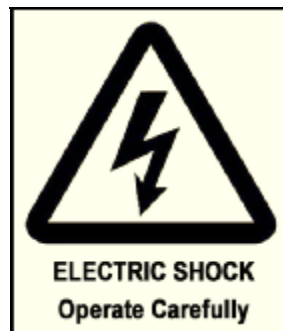
H&H Asia Group Limited

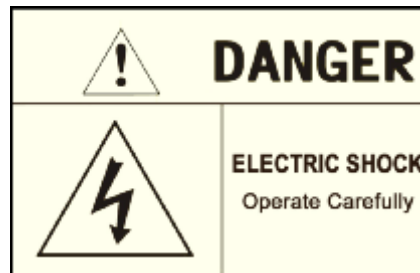
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> Precautions with regard to Safety

Please observe these safety tips for safe, efficient, an injury-free operation of your equipment. By strictly following all instruction contained in this manual you will certainly obtain an excellent performance from the use of this equipment for years.




> Precautions with regard to Safety (cont.)

> Name Plate

Model : CS-671
Manual Flat Press Machine

spec A-D1A1-020015				
Voltage	Frequency	Power	Compressed Air	Weight
220 V	50/60 Hz	1000 W		36 Kg
Date :			S/N :	

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MADE IN CHINA



> Introduction

Thank you for your choosing of CS-671 which is manufactured by H&H.

The pneumatic flat press machine described in this manual is one of the sophisticated machines for processing the flat press products in the market today. Built on digital control platform and designed for the professional users. Operators are recommended to have basic knowledge and skill in heat press operation before using this machine.

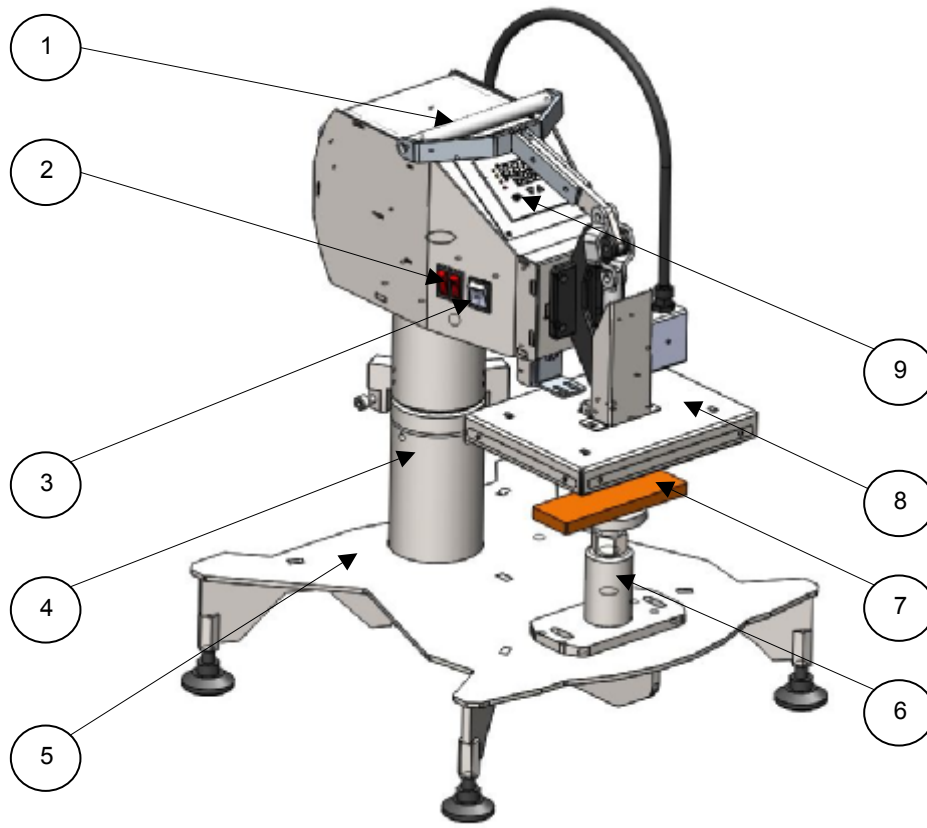
This manual is aimed for the operators to understand the machine and avoid damage to the machine or personnel. Please read this manual carefully and keep it well for daily reference usage.

> Specifications

Model	:	CS-671
Voltage	:	220 V, single phase
Frequency	:	50/60 Hz
Power Consumption	:	1000 W
Heat Temperature Range:	:	Room Temperature~260°C
Press Duration	:	1~999 second, minute or hour
Heat Press Size	:	205mm (L) x 156mm (W)
Lower Platform Size	:	203mm x 152mm, 150mm x 50mm, ϕ 68mm
Overall Dimensions	:	450mm (L) x 550mm (W) x 600mm (H)
Overall Weight	:	36 kg

Note : due to continuous improvement, specifications are subjected to change without prior notification

> **Machine Components**



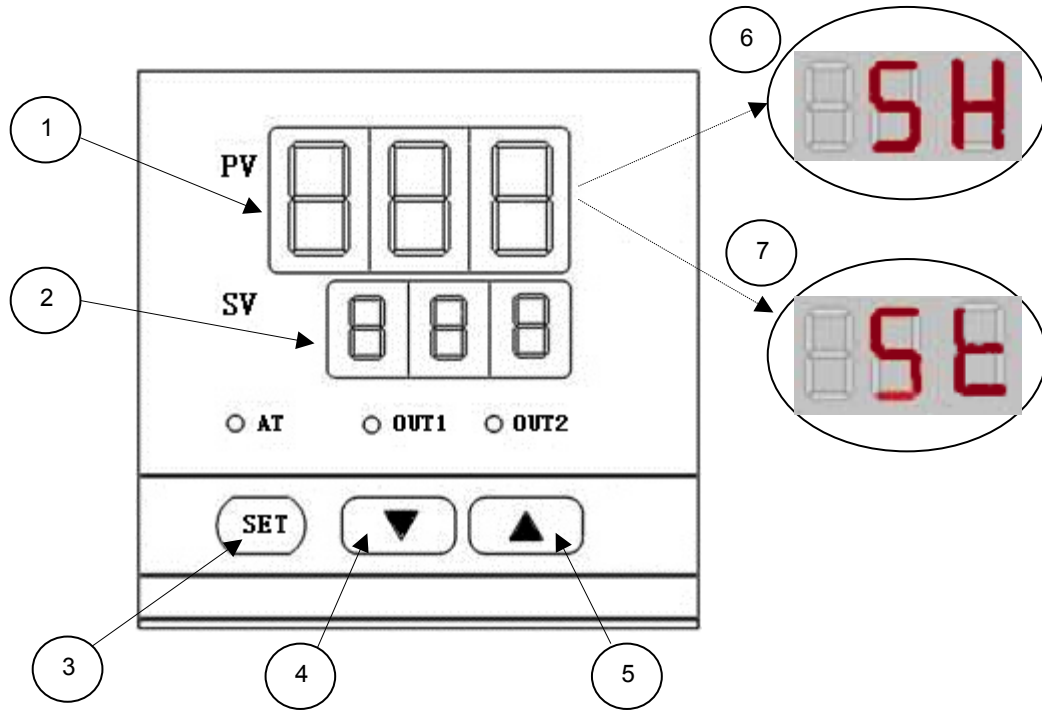
1. manual hand shank
2. heater switch
3. power switch
4. column
5. pedestal plate
6. machine pedestal
7. lower platform
8. heating plate
9. control console

> Machine Operation

1. After connected the main power supply, adjust the heating temperature and time, press pressure, and planning the machine operation method (pedal control). Then turn on the heater power, the temperature of the heating plate will go up gradually.
2. Wait until the heating plate reaches the preset temperature. Place the cloth on the working table and press the manual hand shank, the heating plate will goes down. The timer will be triggered simultaneously. After the countdown finished, the machine will buzzing to remind you rising the control hand shank.
3. Repeat the operation once again.
4. Switch off the main power after all the works are finished.

> Machine Setting

>> Control Panel



1. PV : Field processing temperature
2. SV : Set target temperature
3. SET : Select different settings
4. OUT1 : decrease the set point
5. OUT2 : increase the set point
6. SH:Temperature setting mode
7. St:Press time setting mode

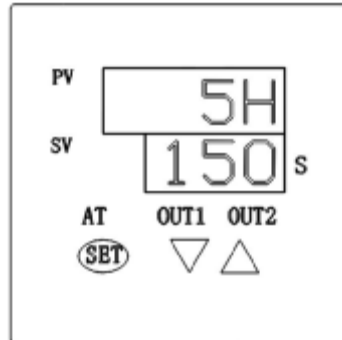
After connected the main power supply,#1 “PV” will display the temperature of the heat plate; #2 “SV” will display the setting temperature.

When the machine is walking, “PV” will display the temperature of the heat plate; when the manual hand shank rising, “SV” will display the setting temperature; when the manual hand shank press down, “SV” will display the countdown time.

> **Machine Setting (Cont.)**

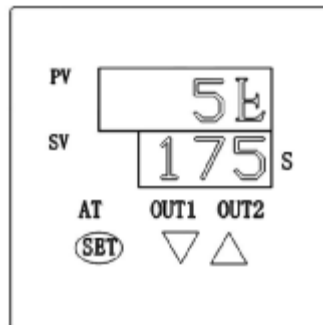
>> **Temperature Setting Adjustment**

Press the “SET” button once, the display will alike the below diagram. PV will show with “SH” and SV will show the preset temperature setting. You can press the OUT1 ”▽“ to decrease or OUT2 “△“ to increase the temperature setting. The maximum setting is 400°C (we recommend the temperature setting below 260°C as a higher temperature will decrease the life span of the machine).



>> **Press Timer Adjustment**

Press the “SET” button once again, the display will alike the below diagram. PV will show with “St” and SV will show the preset press time setting. You can press the OUT1 ”▽“ to decrease or OUT2 “△“ to increase the time setting. This machine is using second as the counting unit, the maximum setting is 999 seconds.



Press the “SET” button again, it will back to normal display mode.

> **Trouble Shooting**

Problem	Cause	solution
No power to individual parts	Fault with power cord or plug	Check the power connection
	Circuit breaker tripped	Reset the breaker and investigate the system
	Main power supply not switch on	Switch on the main power supply
	Bad contact	Check the circuit if there is any loosen part
	Transformer fault	Check the voltage of power supply
Temperature monitor unsteady	Thermocouple fault	Replace the temperature sensor
	Thermocouple connection is loosen	Check and tighten the connection
	Temperature controller malfunction	Replace the circuit board in the control box
	Thermocouple extension cable short circuit	Check the break point and repair
	Thermocouple installed in wrong position	Check the end point of the sensor and relocate the position of it
Temperature monitor showing the ambient temperature	Heater not started up	Press the heat button
	Thermocouple fault	Replace the thermocouple
	Power supply voltage unsteady	Install voltage stabilizer
Heater temperature cannot raises up	Solid state relay (SSR) malfunction	Replace the SSR
	Compressed air pressure too low and interlocked	Increase the compressed air pressure