

# Roof Waterproofing Membrane Welder

## Semi-automatic Hot Air Gun

JC-1700-TAC

User Manual



This machine is high quality semi-automatic hot air welding machine; it is of new design and technology. Please read this manual carefully before using this machine, and retain it for future reference.

### i. Applications

It can be applicable for overlap welding.

### ii. Notice

1. Unplug the tools before opening it to avoid of being hurt by exposed wires or component inside the machine with power.
2. Incorrect use of it can cause fire and explosion hazard because of high temperature, especially near combustible materials and explosive gases.
3. Don't touch heater tube and nozzle when they are hot. They may cause burns. Don't point hot air flow in the direction of people or animals.
4. The voltage rating stated on the welder must correspond to line/mains voltage (220V).

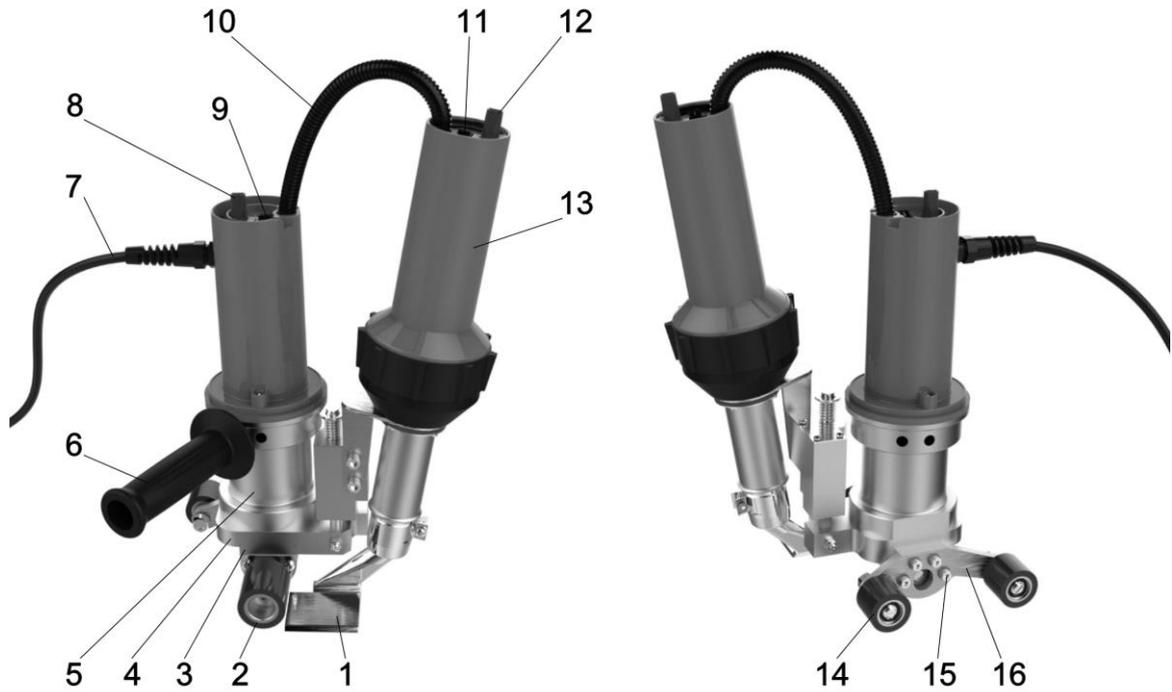
The drop cable / wire with protective earthed conductors can only be used.

5. To ensure operator safety and reliable operation of equipment, the power supply must be installed power supply and leakage protection at the construction site.
6. It must be running at the correct use of manipulation of the operator, or they may cause a fire or explosion caused by high temperature.
7. Don't use welder in the water, or on a muddy construction site, to avoid flooding, rain or moisture.

### iii. Technical Parameters

Voltage	230 or 120	V
Frequency	50/60	Hz
power	1700	W
Temperature	50~620°C (122~1148°F)	
Air volume	180(Max)	L/min
Welding width	40	mm
Welding speed	0.5-5.0	
Size( L*W*H)	275*237*432	mm
Weight	5	kg

**iv. Description**



1.	Ho air nozzle	11	Blower ON/OFF switch
2.	Pressure roller	12	Temperature adjust knob
3.	Base	13	Blower
4.	Base plate	14	Creeping wheel
5.	Handle fix case	15	Creeping wheel fixed screw
6.	Handle	16	Fixed plate of creeping wheel
7.	Power cord		
8.	Walking speed adjust knob		
9.	Walking switch		
10.	Blower power cord		

**v. Welding Process**

1. Setting temperature according to the data of welding test (rotate temperature adjust knob (12)).
2. Setting speed according to the data of welding test (rotate walking speed adjust knob (8)).
3. Turn on blower ON/OFF switch (11).
4. Put the hot air nozzle into the middle of upper film and down film (as shown the below picture) when the hot air blower reaches the setting data.
5. Press down handle (6).
6. Turn on walking switch (9).
7. To observe the relative position of the edges of pressure roller (2) and upper film.
8. When the welder walks into the end of material, pull up the machine a little, and move out of the hot air nozzle from welding place.
9. Turn off the walking switch (9).
10. Turn off blower ON/OFF switch (11) after cool down hot air blower.

**vi. Routine Maintenance**

Use steel brush to clean the hot air nozzle

Clean the air inlet at the back of the hot air blower