



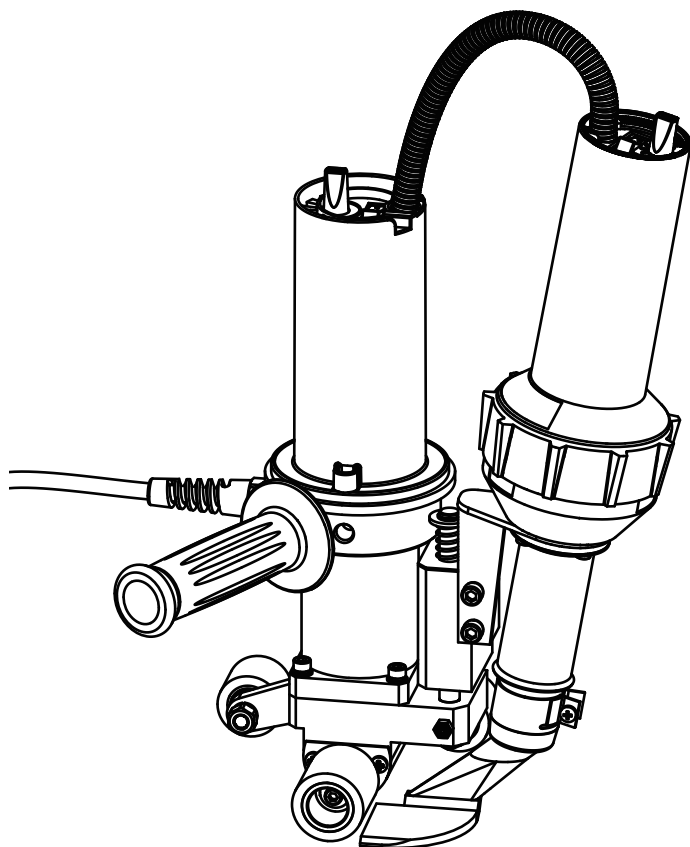
Lesite Technology

LST-TAC

Roofing Hot Air Welder

Manual

V1.0





Please read this manual carefully before using this machine, and keep it for future reference.

Application

Overlapping welding of thermoplastic sealing waterproof material

(TPO/FPO, PVC, ECB EPDM, EVA, PIB, PMI, PO, PP), Girth Welding, Facade Welding.



Precautions



Unplug the welder before disassembling it to avoid injury from exposed wires or component inside the machine with power.



Incorrect operation may cause fire and explosion hazard because of high temperature, especially near combustible materials or explosive gases.



Don't touch heater tube and nozzle when they are hot. They may cause burns. Don't point the nozzle at people to avoid burns.



The power supply voltage must match the rated voltage marked on the welding machine and be reliably grounded. Connect the welding machine to a socket with a protective ground conductor.



To ensure operator safety and reliable operation of equipment, the power supply must be equipped with a voltage stabilizer and a residual current device.



The welding machine must be operated under the correct control of the operator, otherwise it may cause combustion or explosion due to high temperature.



It is strictly forbidden to use the welding machine in water or muddy ground, avoid soaking, rain or damp.

Parameter

Model	LST-TAC
Rated Voltage	230 / 120 V
Frequency	50 / 60 Hz
Rated Power	1700 W
Welding Temperature	60 - 600 °C
Welding Speed	1.0 - 5.0 m/min
Seam Width	40 mm
Net Weight	4.5 Kg
Size	270 × 160 × 420 mm
Motor	Brush
Air Volume	No Adjustable
Certificate	CE
Warranty	One Year

Nameplate

The model identification and serial number are marked on the nameplate of your machine.

Please provide these data when consulting Lesite Sales and Service Center.



ROOFING HOT AIR WELDER

Model: LST-TAC

Voltage: 230V/50Hz

Power: 1700W

Temperature: 60-600°C

Welding Speed: 1.0-5.0m/min

Welding Seam: 40mm

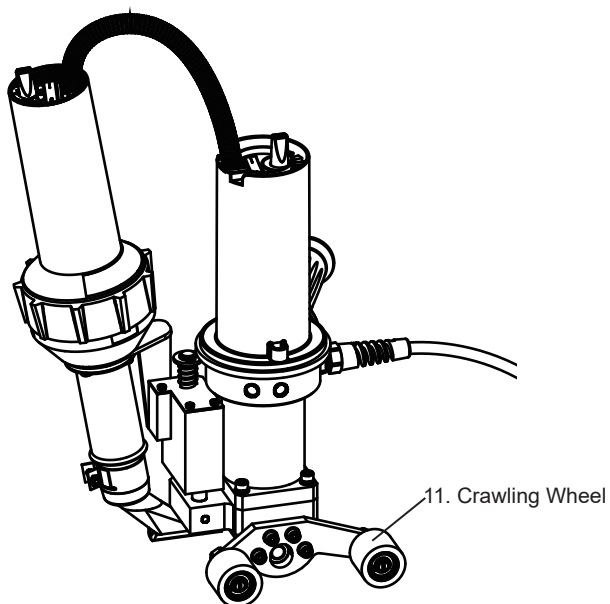
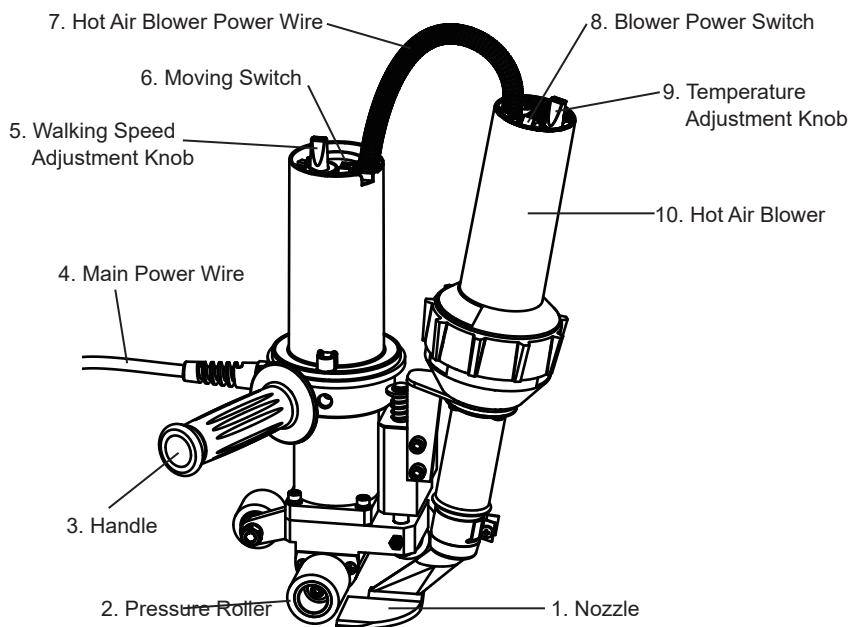
Weight: 4.5Kg

SN: See Machine Frame

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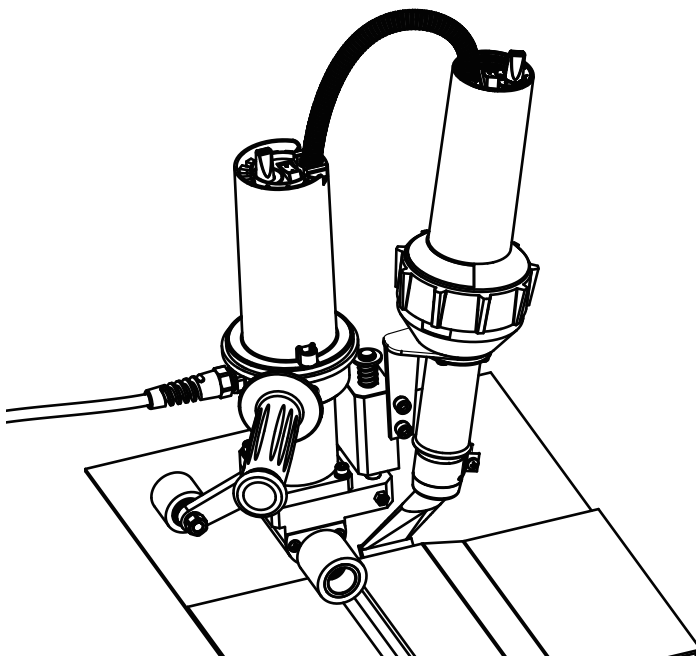


Main Parts



Operations

1. Set the temperature (rotate the temperature adjustment knob (9)) .
2. Set the walking speed (rotate the walking speed adjustment knob (5)) .
3. Turn on the blower power switch (8) .
4. When the temperature of the air gun reaches the set value, insert the air nozzle (1) between the upper film and the lower film to be welded (as shown below) .
5. Press the handle (3) with your hand.
6. Turn on the moving switch (6).
7. The machine should pay attention to the pressure roller (2) edge and the relative position of the edge of the film.
8. After welding, lift the machine slightly and move the air nozzle (1) away from the welding position.
9. Turn off the moving switch (6).
10. Turn off the air blower power switch (8) after the air blower cools down .



Routine Maintenance

Use steel brush to clean the hot air nozzle

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

Fault Codes

Fault	Cause of the Fault	Solution
	Thermocouple Fault	1. Replace the heating element; 2. The outer casing connection terminal is broken; replace the outer casing assembly; 3. The drive board is faulty; replace the drive board.
	Overheating Fault	1. If the fan is not turning, replace the air blower motor or its carbon brushes; 2. Clean the air nozzle and air blower intake filter; 3. If the photosensitive element is faulty, replace it; 4. Replace the heating element;
	Heating Element Fault	1. Replace the heating element; 2. The outer casing connection terminal is broken; replace the outer casing assembly; 3. The drive board is faulty; replace the drive board.
 179V	Voltage Below 180V Alarm	Raise Voltage
 251V	Voltage Above 250V Alarm	Reduce Voltage
 --- 281V	Voltage Reaching 280V Alarm	Cut off the power, reduce voltage

Quality Assurance

- This product guarantees a one year warranty from the day it is sold to consumers. We will be responsible for failures caused by material or manufacturing defects. We will repair or replace defective parts at our sole discretion to meet the warranty requirements.
- The quality assurance does not include damage to wearing parts (Heating element, pressure roller, etc.), damage or defects caused by improper handling or maintenance, and damage caused by falling products. Irregular use and unauthorized modification should not be covered by the warranty.

Repairs and Spare Parts

- It is strongly recommended to send the product to Lesite company or authorized repair center for professional inspection and repair.
- Only original Lesite spare parts are allowed.





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