

LEISTER®

HOT JET S

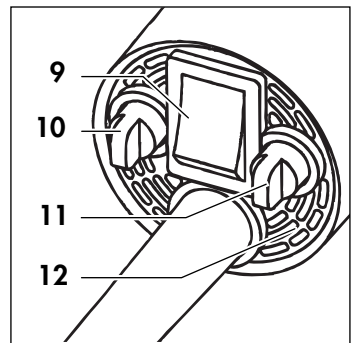
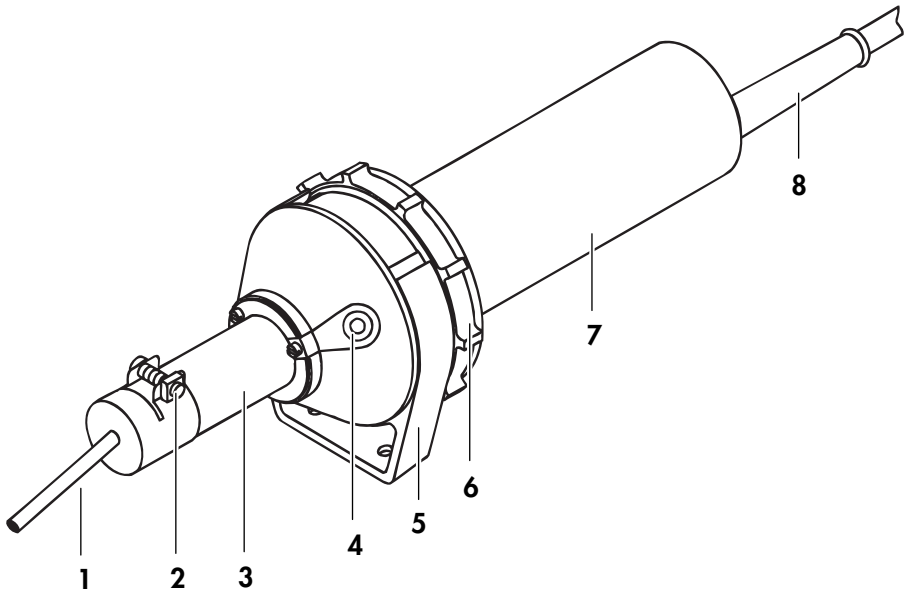


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Safety Rules



WARNING: Non-observance of the safety rules while working with the hot air tool can lead to fire, explosion, electric shock or burns.

Read the operating instructions before using the tool and always observe the safety rules. Save these instructions and give them to persons that have not been instructed before they use the tool.



WARNING: An incorrectly connected mains plug can lead to a highly dangerous electric shock. Have mains plugs connected to the cable only by a specialist.

A damaged casing or an opened unit can lead to a hazardous electric shock. Do not open the unit and do not put a damaged unit into operation. Do not drill into the casing, e. g., to attach a company label. Before any work on the unit, pull the mains plug.

A damaged power cord can lead to a hazardous electric shock. Check the power cord regularly. Do not operate the unit when the power cord is damaged. Always have a damaged cord replaced through a specialist. Do not wrap the cord around the unit and protect it from oil, heat and sharp edges. Do not carry the unit by the cord and do not use the cord to pull the plug from the outlet.

When operating the unit at construction sites and outdoors, the use of a residual current device (RCD) is required for the protection of persons.



WARNING: Working in rain or moist/damp conditions can lead to a highly dangerous electric shock. Take the weather conditions into consideration. Keep the unit dry. When not using, store the unit at a dry location.



WARNING: Danger of explosion! The hot air tool can explosively ignite combustible fluids and gases. Do not work in a potentially explosive environment. Check the surrounding before starting to work. Do not work on fuels or gas containers or in their vicinity, even when they are empty.



WARNING: Danger of fire! Heat can reach combustible materials that are hidden behind coverings, in ceilings, floors or cavities, and ignite them. Inspect the work area before starting to work and in case of doubt, abstain from using the hot air tool. Do not point the unit at the same spot for extended periods. The unit must be supervised at all times during operation.



WARNING: Danger of intoxication! When working plastics, varnish or similar materials, gases develop that can be aggressive or toxic. Avoid breathing in vapours, even when they appear to be harmless. Always provide for good ventilation of the work area or wear a respirator.



WARNING: Danger of injury! The hot air jet can injure persons or animals. Touching the hot tube of the heating element or the nozzle leads to skin burns. Keep children and other persons away from the unit. Do not touch the tube of the heating element or the nozzle when they are hot. Do not use the unit to heat up fluids or to dry objects or materials that are destroyed through the influence of hot air.



WARNING: Unintentional starting or unexpected switching on of the heating element after actuation of the thermal relay can lead to injuries. Make sure that the switch is set to OFF when connecting the unit to the mains supply. Switch the unit OFF when the thermal relay has actuated.

Conformity

Leister Process Technologies, Riedstrasse, CH-6060 Sarnen/Schweiz confirms that this product, in the version as brought into circulation through us, fulfils the requirements of the following EEC directives. Directives: 89/336/EEC, 73/23/EEC. Harmonized Standards: EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, EN 50366, EN 60335-2-45.

6060 Sarnen, 19.11.2004

Christiane Leister Christiane Leister, Owner

Disposal



Power tools, accessories and packaging should be sorted for environmental-friendly recycling.

Only for EC countries: Do not dispose of power tools into household waste! According to the European Directive 2002/96/EC on waste electrical and electronic equipment and its incorporation into national law, power tools that are no longer suitable for use must be separately collected and sent for recovery in an environmental-friendly manner.

IMPORTANT SAFETY INSTRUCTIONS

This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.

READ THESE INSTRUCTIONS

Warning: Extreme care should be taken when stripping paint. The peelings, residue and vapors of paint may contain lead, which is poisonous. Any pre-1977 paint may contain lead and paint applied to homes prior to 1950 is likely to contain lead. Once deposited on surfaces, hand to mouth contact can result in the ingestion of lead. Exposure to even low levels of lead can cause irreversible brain and nervous system damage; young and unborn children are particularly vulnerable.

Before beginning any paint removal process you should determine whether the paint you are removing contains lead. This can be done by your local health department or by a professional who uses a paint analyzer to check the lead content of the paint to be removed. **LEAD-BASED PAINT SHOULD ONLY BE REMOVED BY A PROFESSIONAL AND SHOULD NOT BE REMOVED USING A HEAT GUN.**

Persons removing paint should follow these guidelines:

1. Move the work piece outdoors. If this is not possible, keep the work area well ventilated. Open the windows and put an exhaust fan in one of them. Be sure the fan is moving the air from inside to outside.
2. Remove or cover any carpets, rugs, furniture, clothing, cooking utensils and air ducts.
3. Place drop cloths in the work area to catch any paint chips or peelings. Wear protective clothing such as extra work shirts, overalls and hats.
4. Work in one room at a time. Furnishings should be removed or placed in the center of the room and covered. Work areas should be sealed off from the rest of the dwelling by sealing doorways with drop cloths.
5. Children, pregnant or potentially pregnant women and nursing mothers should not be present in the work area until the work is done and all clean up is complete.
6. Wear dust respirator mask or a dual filter (dust and fume) respirator mask which has been approved by the Occupational Safety and Health Administration (OSHA), the National Institute of Safety and Health (NIOSH), or the United States Bureau of Mines. These masks and replaceable filters are readily available at major hardware stores. Be sure the mask fits. Beards and facial hair may keep masks from sealing properly. Change filters often. **DISPOSABLE PAPER MASKS ARE NOT ADEQUATE.**
7. Use caution when operating the heat gun. Keep the heat gun moving as excessive heat will generate fumes which can be inhaled by the operator.
8. Keep food and drink out of the work area. Wash hands, arms and face and rinse mouth before eating or drinking. Do not smoke or chew gum or tobacco in the work area.
9. Clean up all removed paint and dust by wet mopping the floors. Use a wet cloth to clean all walls, sills and any other surface where paint or dust is clinging. **DO NOT SWEEP, DRY DUST OR VACUUM.** Use a high phosphate detergent or trisodium phosphate (TSP) to wash and mop areas.
10. At the end of each work session put the paint chips and debris in a double plastic bag, close it with tape or twist ties and dispose of properly.
11. Remove protective clothing and work shoes in the work area to avoid carrying dust into the rest of the dwelling. Wash work clothes separately. Wipe shoes off with a wet rag that is then washed with the work clothes. Wash hair and body thoroughly with soap and water.

SAVE THESE INSTRUCTIONS

Technical Data

		HOT-JET S		
Voltage	[V]	100	120	230
Frequency	[Hz]	50/60		
Power	[W]	460		
Temperatur	[°C]	20 – 600		
	[°F]	70 – 1100		
Air flow (20°C)	[l/min]	20 – 80		
	[cfm]	0.7 – 2.8		
Air pressure	[mbar]	16		
Weight with cord (3 m)	[kg]	0.58		
	[lbs]	1.3		
Dimensions L x Ø	[mm]	235 x 70, Handle Ø 40		
Protection class		II/ □ (Double insulated)		
Noise level L _{pA}	[dB]	59		

Product Features

1. Nozzle* 2. Screw 3. Pipe of the heating element 4. Connection for equipotential bonding 5. Unit stand
6. Rubber foot 7. Handle 8. Mains connection 9. Mains switch 10. Potentiometer for air volume control
11. Potentiometer for temperature adjustment 12. Air filter

Intended Use

When observing the safety instructions and using original Leister accessories, this hot air tool is suitable for all hot air applications listed in these operating instructions.

Applications

Soldering and unsoldering of SMD and wired components.

Welding of thermoplastic polymers as well as individual elastoplastics in the shape of plates, pipes, profiles, sealing material, coated fabrics, foils, foams, tiles and sheathing. The following welding procedures are possible: Overlap, wire, band, and fusion welding

Shrinking of heat-shrinkable tubing or sleeves, foils, sheathing, solder connectors and form components.

Activating/dissolving solvent-free and hot-melt adhesives

Drying of moist surfaces

Mounting the Nozzle*

 **Touching a hot nozzle can lead to serious burns.** Before attaching or replacing a nozzle, allow the unit to cool down completely or use a suitable tool.

A falling down nozzle can set an object on fire. Nozzles must be mounted firmly and secure on the unit.

A hot nozzle can set a surface on fire. Place down hot nozzles only on fire-proof surfaces.

An incorrect or defective nozzle can lead to heat accumulation and damage the unit. Use only original nozzles according to the table that are suitable for your unit.

Slide the nozzle **1** onto the heating-element tube **3** and tighten the screw **2**.

* Nozzles not included in the delivery scope!