Steinel HL 1920 E

Steinel HL 1920 E Professional Heat Gun Instruction Manual

Model: HL 1920 E (110025596)

1. Introduction

This manual provides essential information for the safe and effective operation of your Steinel HL 1920 E Professional Heat Gun. This tool is designed for various applications requiring controlled hot air, featuring a 1500 Watt motor, variable temperature adjustment from 120 to 1,100 °F, and three-stage airflow control. It complies with applicable UL and RoHS standards, ensuring reliability and safety.

Image 1: Steinel HL 1920 E Professional Heat Gun. This image displays the heat gun from a three-quarter angle, highlighting its ergonomic design and nozzle.

2. Safety Instructions

Always observe the following safety precautions to prevent injury or damage:

- Read all instructions before operating the tool.
- Wear appropriate personal protective equipment, including eye protection and gloves.
- Ensure adequate ventilation in the work area to disperse fumes and hot air.
- Do not direct hot air at people or animals.
- Keep flammable materials away from the heat gun and the work area.
- The nozzle and accessories become extremely hot during use and remain hot for a period after shutdown. Avoid contact.
- Always disconnect the power supply before cleaning or performing maintenance.
- Do not use the heat gun in damp or wet conditions.
- Never block the air intake or output nozzles.

3. Product Overview and Components

The Steinel HL 1920 E is engineered for comfort and durability. Key features include an ergonomic design, optimized weight balance for reduced fatigue, and an integrated support stand for hands-free operation. It is equipped with double insulation and a ceramic heating element designed to resist coil breakage.

Image 2: Key features of the Steinel HL 1920 E Heat Gun. This image highlights the extended delivery nozzle, built-in hanger, continuously variable temperature control, and 3-stage airflow switch.

Main Components:

- **Nozzle:** Standard 1.34-inch diameter for various attachments.
- **Temperature Control:** Dial for continuous temperature adjustment.
- **Airflow Switch:** Three settings for air volume control.
- **Handle:** Ergonomically designed for comfortable grip.
- **Integrated Support Stand:** Allows for stable upright positioning.
- **Power Cord:** Durable 6 ft. industrial rubber cord.

4. Setup

Before first use, ensure the heat gun is free from any packaging materials and inspect it for any visible damage. The tool is ready for immediate use upon connection to a suitable power source.

1. **Power Connection:** Plug the 6 ft. industrial rubber power cord into a standard electrical outlet. Ensure the voltage matches the tool's requirements.
2. **Nozzle Attachment (Optional):** If your application requires a specific nozzle, ensure it is compatible with the 1.34-inch industry standard opening. Attach it securely before powering on the device.

5. Operating Instructions

Powering On/Off:

Locate the power switch on the handle. Move the switch to the 'On' position to activate the heat gun. Move it to 'Off' to power down.

Temperature Adjustment:

The temperature can be adjusted in nine steps, ranging from 120 °F to 1100 °F. Use the temperature control dial to select the desired heat level for your specific task.

Airflow Control:

The heat gun offers three airflow settings:

- **Setting 1:** 4 CFM (Cubic Feet per Minute)
- **Setting 2:** 4-8 CFM (Variable)
- **Setting 3:** 6-13 CFM (Variable)

Select the appropriate airflow setting using the control switch based on the material and application.

Thermal Cut-Out:

The tool is equipped with an automatic thermal cut-out feature to protect it from overheating. If the tool becomes too hot, it will temporarily shut down. Allow it to cool before resuming operation.

Hands-Free Operation:

Utilize the integrated support stand to position the heat gun upright, allowing for hands-free use during tasks that require both hands.

6. Applications

The Steinel HL 1920 E is a versatile tool suitable for a wide range of tasks:

- Shrink wrapping
- Thawing frozen pipes
- Removing paint
- Welding sheeting and plastics
- Drying plaster work
- Shrinking tubes and solder sleeves
- Disordering and soldering components from circuit boards

Image 3: Various applications of the Steinel HL 1920 E Heat Gun. This collage shows the heat gun being used for tasks such as heat shrinking, paint stripping, and soldering.

Image 4: Heat gun in use on a car bumper. This image illustrates the heat gun being used for a task on an automotive component, likely for plastic repair or paint removal.

Image 5: Heat gun in use for electrical wiring. This image shows the heat gun being applied to a wall opening with electrical wires, suggesting use for heat shrinking or drying.

7. Maintenance

Regular maintenance ensures the longevity and optimal performance of your heat gun.

- **Cleaning:** Ensure the tool is unplugged and completely cool before cleaning. Wipe the exterior with a damp

cloth. Keep the air intake and output nozzles free from dust and debris.

- **Storage:** Store the heat gun in a dry, safe place, away from direct sunlight and extreme temperatures.
- **Inspection:** Periodically inspect the power cord for any signs of damage. If damaged, have it replaced by a qualified technician.

8. Troubleshooting

If you encounter issues with your heat gun, refer to the following common troubleshooting steps:

- **Tool not turning on:** Check the power connection and ensure the outlet is functional. Verify the power switch is in the 'On' position.
- **Insufficient heat or airflow:** Ensure the temperature and airflow settings are correctly adjusted for your task. Check that the air intake and output nozzles are not obstructed.
- **Tool shuts off during use:** The thermal cut-out may have activated due to overheating. Unplug the tool and allow it to cool down completely before resuming operation. Ensure proper ventilation.

If problems persist, contact Steinel customer support or a qualified service technician.

9. Specifications

Feature	Specification
Model	HL 1920 E
Item Model Number	110025596
Power	1500 W, 13.2 Amp
Temperature Range	120 - 1100 °F (9 steps)
Airflow Settings	3 (4 CFM, 4-8 CFM, 6-13 CFM)
Nozzle Compatibility	1.34 inch industry standard
Cord Length	6 ft. industrial rubber
Product Dimensions	13 x 12 x 4.3 inches
Weight	1.9 Pounds
Manufacturer	Steinel
Safety Standards	UL, RoHS compliant

10. Warranty and Support

For detailed warranty information, please refer to the documentation included with your product or visit the official Steinel website. For technical support, replacement parts, or service inquiries, please contact Steinel customer service directly.

Manufacturer: Steinel
Website: www.steinel.net (Please note: This is a generic placeholder link as specific support links were not provided.)

Related Documents - HL 1920 E

	STEINEL Mobile Heat MH3 & MH5 Cordless Hot Air Tools User Manual Comprehensive user manual for STEINEL Mobile Heat MH3 and MH5 cordless hot air tools, detailing features, operation, safety guidelines, applications, accessories, and warranty information.
	STEINEL Hot Air Guns: HG 2320 E, HL 2020 E, HL 1920 E, HL 1820 S, HL 1620 S - User Manual Comprehensive user manual for STEINEL professional hot air guns (HG 2320 E, HL 2020 E, HL 1920 E, HL 1820 S, HL 1620 S), covering safety, operation, specifications, applications, and accessories.
	Steinel HM 2120 E & HM 2320 E Heat Gun User Manual Comprehensive user manual for the Steinel HM 2120 E and HM 2320 E professional heat guns, detailing safety instructions, device components, operation, and technical specifications.
	Steinel MobileHeat 7 Akku-Heißluftgebläse – Bedienungsanleitung Umfassende Bedienungsanleitung für das Steinel MobileHeat 7 Akku-Heißluftgebläse. Enthält Sicherheitshinweise, technische Daten, Anwendungsbeispiele und Garantieinformationen für professionelle Anwender.
	STEINEL Heißluftgebläse HM 1620 S, HM 1820 E, HM 1920 E, HM 2020 E Bedienungsanleitung Entdecken Sie die STEINEL Heißluftgebläse Modelle HM 1620 S, HM 1820 E, HM 1920 E und HM 2020 E. Diese Anleitung bietet detaillierte Informationen zur sicheren Bedienung, Wartung und Anwendung dieser leistungsstarken Werkzeuge für Heimwerker und Profis. Erfahren Sie mehr über die Funktionen, Sicherheitsvorkehrungen und vielfältigen Einsatzmöglichkeiten dieser STEINEL Heißluftgebläse.

[Steinel HM 2220 E Hot Air Gun Manual]

Comprehensive user manual for the Steinel HM 2220 E hot air gun, covering safety instructions, device components, operation, maintenance, and applications.