

Bernzomatic TS8000

Bernzomatic TS 8000 Trigger Start Torch User Manual

Model: TS8000 | Brand: Bernzomatic

INTRODUCTION

The Bernzomatic TS 8000 Trigger Start Torch is a high-intensity torch designed for various heating applications, including soldering, brazing, and general heating tasks. It features an instant on/off trigger ignition for convenience and fuel efficiency, a large optimized swirl flame for maximum heat output, and adjustable flame control for precise operation. The pressure-regulated design ensures consistent performance at any angle, and its cast aluminum body provides enhanced durability.



Image: Front view of the Bernzomatic TS 8000 Trigger Start Torch, showcasing its design and trigger mechanism.

IMPORTANT SAFETY INFORMATION

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

- Always operate the torch in a well-ventilated area.
- Keep away from flammable materials, children, and pets.
- Wear appropriate personal protective equipment, including safety glasses and gloves, when operating the torch.

- Ensure the fuel cylinder is securely attached and free from leaks before ignition.
- Do not touch the torch head immediately after use, as it will be extremely hot. Allow it to cool completely.
- Store the torch and fuel cylinders in a cool, dry place, away from direct sunlight and heat sources.

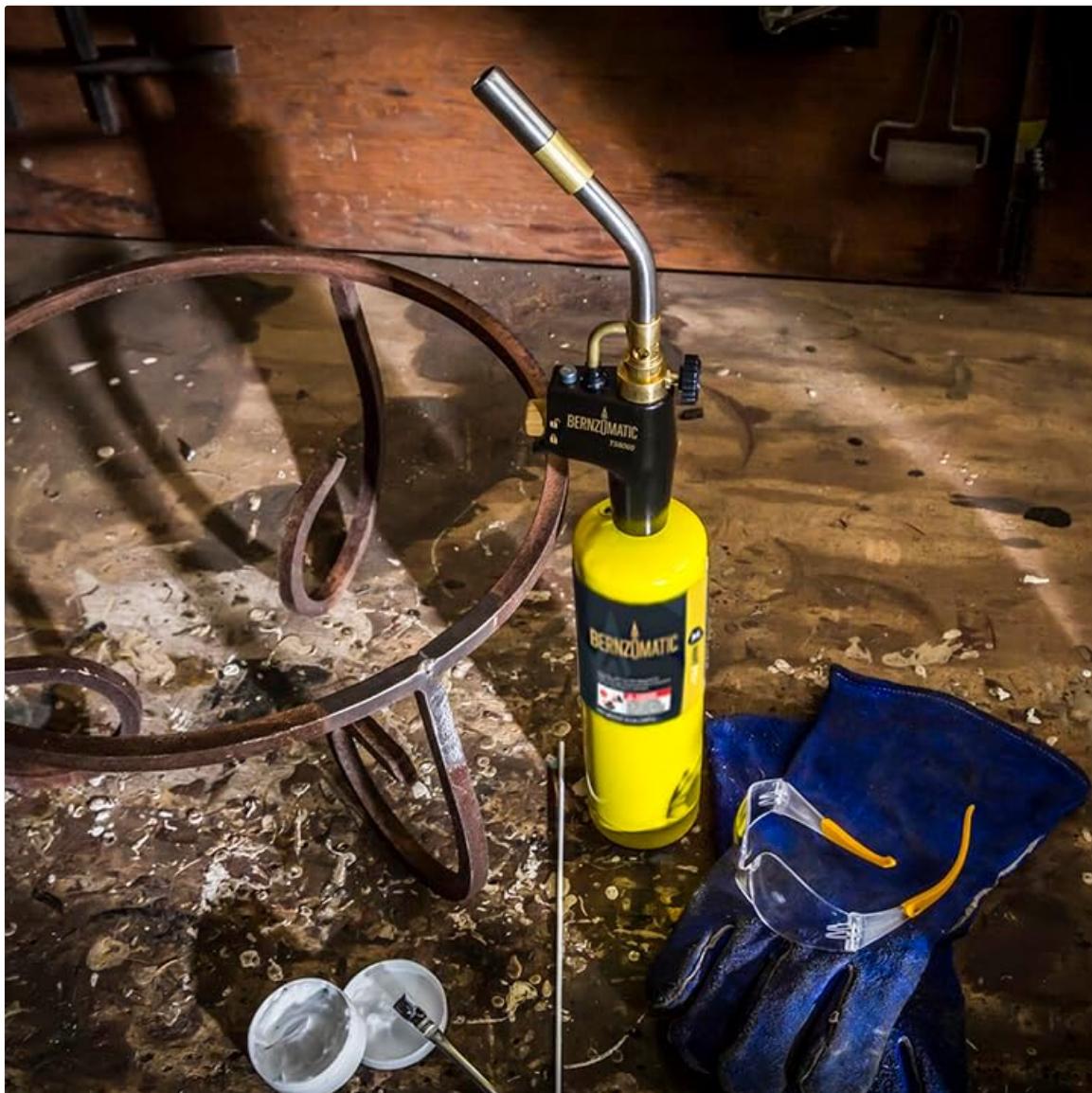


Image: The Bernzomatic TS 8000 Torch alongside a fuel cylinder, safety glasses, and work gloves, emphasizing the importance of safety equipment.

SETUP

1. **Prepare Fuel Cylinder:** Ensure you are using a compatible propane or MAP-Pro™ fuel cylinder. Check the cylinder for any damage or leaks.
2. **Attach Torch Head:** Align the threaded connection of the TS 8000 torch head with the valve of the fuel cylinder.
3. **Hand Tighten:** Turn the torch head clockwise onto the cylinder valve until it is hand-tight. Do not overtighten.
4. **Check for Leaks:** Before ignition, check for any gas leaks by listening for a hissing sound or applying a soapy water solution to the connection point. If bubbles appear, tighten the connection or replace the cylinder if necessary.

OPERATING INSTRUCTIONS

- Open Fuel Valve:** Slowly turn the fuel control knob on the torch counter-clockwise to open the gas flow.
- Ignite Torch:** Press the trigger ignition button firmly. The torch should ignite instantly. If it does not ignite, close the fuel valve, wait a few seconds, and try again.
- Adjust Flame:** Use the fuel control knob to adjust the flame intensity to your desired level. Turning it clockwise will decrease the flame, and counter-clockwise will increase it.
- Use Run Lock (Optional):** For continuous flame operation without holding the trigger, press the run lock button while the torch is lit. To disengage, press the trigger again.
- Extinguish Flame:** To turn off the torch, release the trigger. If the run lock is engaged, press the trigger to disengage it, then release. Ensure the fuel control knob is fully closed by turning it clockwise until it stops.
- Disconnect Cylinder (After Use):** Once the torch head has cooled completely, carefully unscrew it from the fuel cylinder. Store the cylinder with its cap on in a safe place.

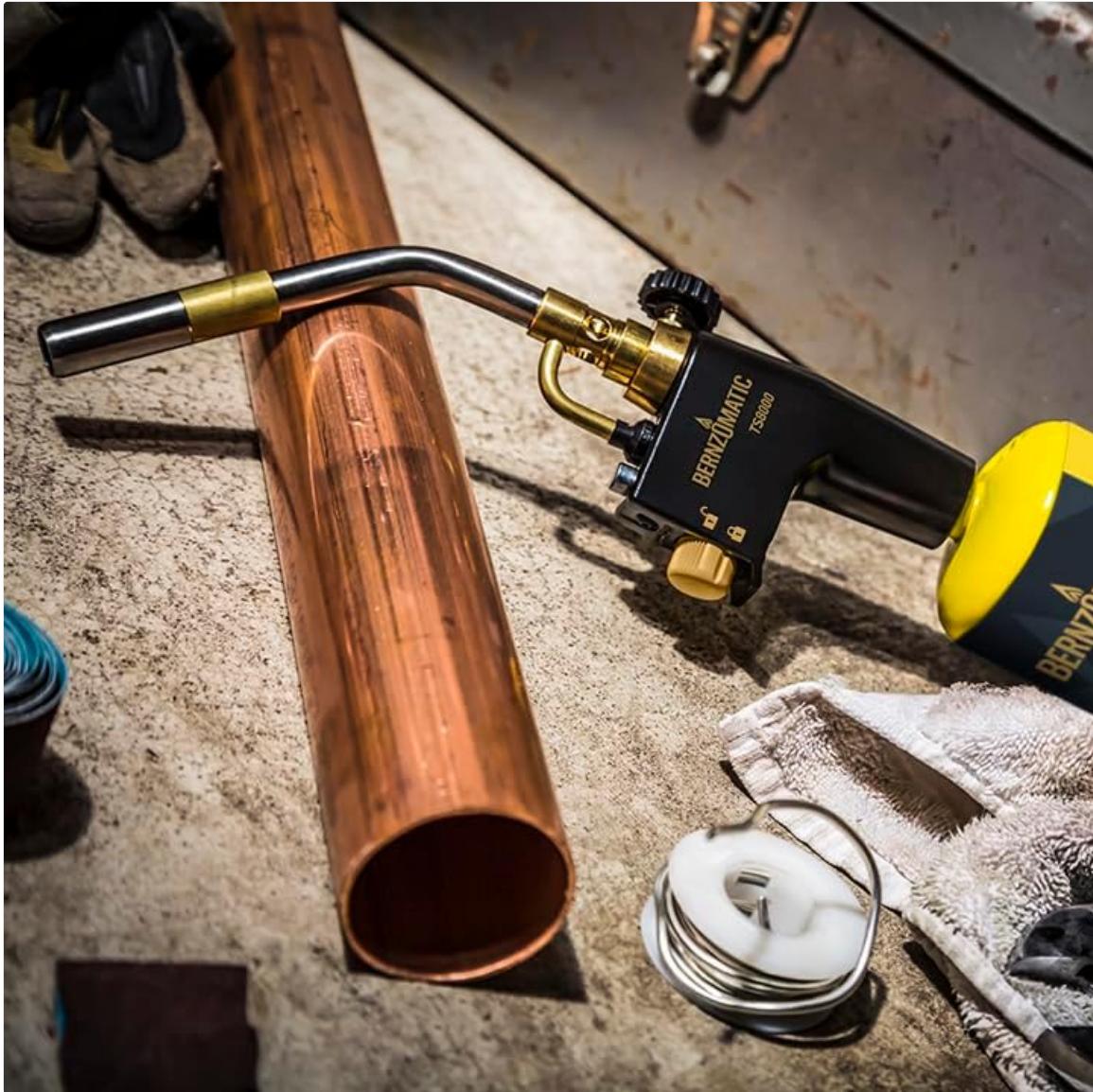


Image: A person's gloved hand holding the Bernzomatic TS 8000 Torch, demonstrating its use with a lit flame, highlighting the ergonomic design and trigger mechanism.

APPLICATIONS

The Bernzomatic TS 8000 Torch is suitable for a wide range of applications due to its high heat output and

precise flame control:

- **Soldering:** Ideal for plumbing, electrical, and general repair soldering.
- **Brazing:** Capable of brazing various metals for stronger joints.
- **Heat Treating:** Suitable for annealing, hardening, or tempering small metal parts.
- **Thawing Frozen Pipes:** Can be used to safely thaw frozen water pipes (exercise extreme caution and ensure proper ventilation).
- **Crafts and Hobbies:** Useful for various craft projects requiring heat, such as wood burning or glass work.



Image: The torch flame applied to small metal pieces, illustrating a brazing application.

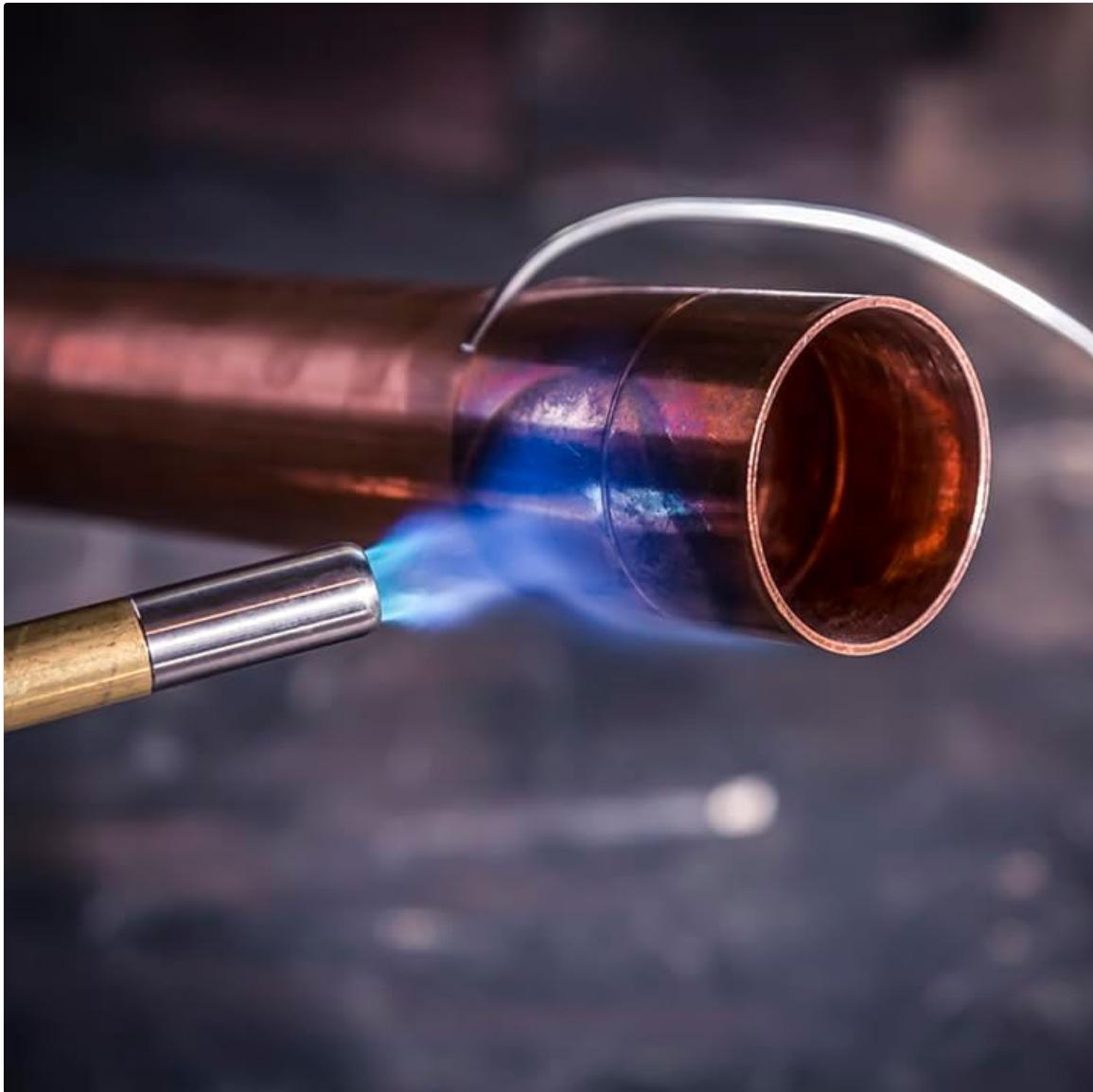


Image: The torch flame heating a copper pipe for soldering, demonstrating a common plumbing application.

MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your Bernzomatic TS 8000 Torch:

- Cleaning:** After each use, allow the torch to cool completely. Wipe down the exterior with a clean, dry cloth to remove any dirt or residue. Do not use abrasive cleaners or solvents.
- Storage:** Always disconnect the torch head from the fuel cylinder before storing. Store the torch in a clean, dry place, away from extreme temperatures and out of reach of children.
- Inspection:** Periodically inspect the torch head and connections for any signs of wear, damage, or leaks. If any damage is found, do not use the torch and contact customer support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Torch does not ignite.	Fuel valve closed, empty fuel cylinder, clogged nozzle, faulty igniter.	Ensure fuel valve is open. Replace fuel cylinder. Check for obstructions in the nozzle. If igniter is faulty, contact support.

Problem	Possible Cause	Solution
Inconsistent or weak flame.	Low fuel, partially closed valve, cold cylinder.	Replace fuel cylinder. Ensure fuel valve is fully open. Allow cylinder to warm to room temperature.
Gas leak at connection.	Loose connection, damaged cylinder valve, damaged torch threads.	Tighten connection. If leak persists, replace cylinder. If torch threads are damaged, discontinue use and contact support.

SPECIFICATIONS

Feature	Detail
Model Number	TS8000
Brand	Bernzomatic
Item Weight	1.2 Pounds (approx. 0.54 kg)
Product Dimensions	5.25" L x 1.91" W x 12.25" H (approx. 13.3cm L x 4.85cm W x 31.1cm H)
Material	Cast Aluminum Body, Plastic components
Power Source	Gas (Propane or MAP-Pro™)
Ignition Type	Instant On/Off Trigger Ignition
Flame Type	Optimized Swirl Flame
Features	Adjustable Flame Control, Run Lock Button, Pressure Regulated

WARRANTY AND SUPPORT

The Bernzomatic TS 8000 Trigger Start Torch is backed by a **Lifetime Limited Warranty**. For detailed information regarding warranty coverage, claims, or technical support, please refer to the official Bernzomatic documentation or contact their customer service.

You can also find additional information and support resources by scanning the QR code below or visiting the Bernzomatic website:



Scan for Operating Instructions and More

For a comprehensive user manual in PDF format, please download it from the following link:

[Download Official User Manual \(PDF\)](#)

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Related Documents - TS8000



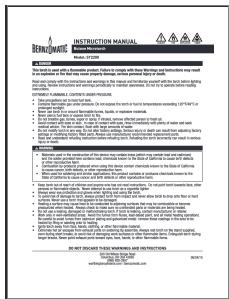
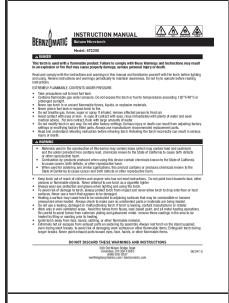
[Bernzomatic 3301 Handheld Torch Instruction Manual and Safety Guide](#)

Comprehensive instruction manual and safety guide for the Bernzomatic 3301 handheld propane torch. Learn about assembly, operation, safety warnings, and storage to ensure safe and effective use.



[Bernzomatic TS3700/MT545 Torch Instruction Manual & Safety Guide](#)

Comprehensive safety instructions, assembly, and operation guide for Bernzomatic TS3700 and MT545 handheld torches. Learn how to use your torch safely and effectively.

	<p>Bernzomatic ST2200 Butane Microtorch Instruction Manual</p> <p>Comprehensive safety warnings, operating instructions, refilling procedures, and storage guidelines for the Bernzomatic ST2200 Butane Microtorch.</p>
	<p>Bernzomatic ST2200 Butane Microtorch Instruction Manual & Safety Guide</p> <p>Comprehensive instruction manual and safety guide for the Bernzomatic ST2200 Butane Microtorch. Learn about operation, refilling, safety warnings, and storage.</p>
	<p>Bernzomatic ST2000 Butane Torch User Manual and Safety Guide</p> <p>Comprehensive instructions and safety warnings for the Bernzomatic ST2000 butane torch, covering operation, refilling, storage, and potential hazards. Includes multilingual safety information.</p>