HEAT GUN 2000W DIGITAL

TSHG2

www.thetoolshed.co.nz

TABLE OF CONTENTS

Thank You

For the purchase of this ToolShed product. We try our hardest to supply customers like you with the best quality products available, at the best price possible. We cant wait to continue working together in the future.

Please contact us for any servicing, replacement parts, or questions you might have about your ToolShed product by visiting our website, or calling: 0800 948 665.

OPERATION MANUAL

PRODUCT DETAILS

Product Model	*ToolShed Heat Gun 2000W Digital*
Product Code	*TSHG2*

DISTRIBUTED BY:

Note:

This manual is for your reference only. Due to the continuous improvement of the ToolShed products, changes may be made at any time without obligation or notice.

Warranty:

This product may be covered under The ToolShed warranty. For more information, see our Terms & Conditions at www.thetoolshed.co.nz

SPECIFICATIONS

Voltage	220–240 Volts | 50 Hertz
Power Supply	2000 Watts
Air Supply (Setting 1)	50°C | 250–500 LPM
Air Supply (Setting 2)	50–650°C | 250–500 LPM

PRODUCT IDENTIFICATION

1 Heat Nozzle
2 Ventilation Slots
3 On/Off/Mode Switch **(O/I/II)**
4 Temperature and Air Flow Adjusting Button
5 LCD Digital Display
6 Spoon Reflector Nozzle
7 Cone/Reducer Nozzle
8 Glass Protector Nozzle
9 Fish Tail Surface/Flat Nozzle
10 Paint Scraper

SAFETY GUIDELINES

WARNING

READ ALL SAFETY WARNINGS & INSTRUCTIONS. Failure to follow instructions and warnings could lead to serious injury, electric shock, or fire.

Work Area Safety

- **Ensure that your work area is kept clean and well lit.** Lack of visibility and clutter greatly increase the risk of accident when using tools.
- **Keep bystanders, pets, and children clear when operating this power tool or machine.** They can cause distraction or risk injury to themselves.
- **Ensure you are not operating the power tool or machinery in the presence of dust, liquids, flammable gases, or anything that can create an explosive atmosphere.** Power tools and machinery can create sparks which can lead to ignition and fire hazards in working environments.

Personal Safety

- **Always wear personal protective equipment (PPE).** Eye protection, ear protection, dust masks, and other protective equipment will help to reduce the risk of personal injury or long-term illnesses.
- **Dress appropriately. DO NOT wear loose clothing that can get caught in moving parts.** Keep hair, loose clothing, jewellery, and anything else that could be of risk, away from moving parts in the machine, or they could become caught therein.
- **Always remain alert and DO NOT operate power tools or machinery under the influence of any substances such as alcohol or drugs, including prescription medications.** Lack of focus could lead to injury or accidents while operating these power tools and machinery.
- **Always ensure proper footing and balance.** Overreaching can lead to slipping and falling which can result in injury or accident.
- **Ensure the power switch is in the OFF position before connecting any battery, or power source to the power tool or machinery.** This can cause injury as tools and machinery can suddenly fire incidentally when live, causing accidents.
- **Use all provided dust collection and extraction attachments, if included.** This equipment, along with the use of PPE dust masks, can help keep you safe from dust, and keep your work site clear from hazards.
- **Ensure loose parts such as wrenches or adjusting keys are removed before starting the power tool or machinery.**

SAFETY GUIDELINES

Electrical Safety

- **DO NOT use the power tool or machinery in rainy conditions or wet areas where the power tool or machinery could get wet.** Water in this power tool or machinery can lead to electric shock.
- **Only use the power tool or machinery when the plug correctly matches the power outlet.** Modifying plugs greatly increases the risk of electric shock.
- **Keep the power cord away from anything that could damage it such as sharp edges, moving parts or heat.** A damaged power cord increases the risk of electric shock.
- **Only operate outdoors with the use of an outdoor extension lead.** Not all extension leads are suited to outdoor use and using one which is not can greatly increase the risk of electric shock.
- **Avoid body contact with grounded or earthed surfaces.** Surfaces such as radiators, ranges, pipes, and refrigerators can increase the risk of electric shock due to your body being earthed or grounded.
- **Never carry the power tool by the cord, or yank the cable from the power outlet.** This can damage the internal wiring and may become a hazard.

WARNING

Electric shock can cause serious injury or, in some cases be fatal.

Power Tool & Machinery Use & Care

- **Use the correct tool for the job.** Forcing a tool to do a job it was not designed for increases the risk of accident or injury.
- **Disconnect tools and machinery from power, or remove batteries before doing any maintenance or adjustments, or before storing the tools and machinery.** This reduces or removes the risk of a power connection that causes the tool or machinery to accidentally fire, which can help prevent injury or accident.
- **Check the general condition of the power tool for damage or any problems that could affect the way the tool or machine works.** An unrepaired tool or machine can lead to accident and injury. Only have your tool or machine repaired with genuine parts from The ToolShed.
- **Only use the power tool and machinery with genuine parts or accessories that are designed to be used with this power tool and machinery.** Failure to do so could result in accident or injury or damage your tool or machinery.
- **Store your tool or machinery out of reach of children, and away from untrained personnel when not in use.** Use by somebody untrained, or a child, could lead to accident or serious injury.

SAFETY GUIDELINES

Service

- **Have your tools and machinery serviced at The ToolShed with ToolShed replacement parts.** This will ensure that the safety of the power tool or machine is maintained.

WARNING

The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Always Use Common Sense

- It is not possible to cover every conceivable situation you can face. Always exercise care and use your common sense. If you get into a situation where you feel unsafe, stop and seek expert advise. Contact your dealer, service agent, or an experienced user. Do not attempt any task you feel unsure of!

- Your heat gun has been designed for stripping paint, soldering pipes, shrinking PVC, welding and bending plastic, as well as general drying and thawing purposes.

Heat Gun Specific Safety

- **NEVER** direct the hot air blast at other people, animals, or any body part.
- **NEVER** use this heat gun as a hair dryer.
- **Do not** place your hand over the air vents or block the vents in any way.
- **Do not** leave the tool unattended while it is switched on.
- **Do not** obstruct either the air intake, or the nozzle outlet, as this may cause excessive heat build up, resulting in damage to the tool.
- **Do not** touch the metal nozzle as it becomes very hot during use and may remain hot for a period up to, or more than 30 minutes after use.
- **Do not** touch the outlet nozzle against anything while using, or immediately after use, as this will create a fire hazard.
- **Do not** poke anything into any outlet of the heat gun as you could receive an electric shock.
- **Do not** look down the nozzle while it is in operation due to the very high heat produced from that end.
- **Do not** apply heat the same area for extended periods of time.
- **Do not** allow paint to adhere to the nozzle or scraper as it could ignite after some time
- The nozzle and accessories of this tool become extremely hot during use. Let these parts cool down before touching.
- Always switch the tool off before putting it down at any time.
- A fire may arise if the appliance is not used with care.

SAFETY GUIDELINES

- Heat may be conducted to combustible materials that are out of sight. Do not use in a damp atmosphere, where flammable gasses may be present, or near combustible materials.
- Allow the heat gun to fully cool down before storing it away in its carry case, and away in storage.
- Ensure it is used in an adequately ventilated area as toxic fumes may be produced.

WARNING

If not used properly, this tool has the high potential to become a fire hazard. Please take care while using, and take care in the time after the tool has been turned off.

WARNING

Lead-based paint should only be removed by a professional and should not be removed using a heat gun.

Removing Paint

- Do not use this tool to remove paint that contains **Lead**. The peelings, residue, and vapours of paint may contain lead, which is poisonous. Any pre-1960's building may have been painted in the past with paint containing lead, and covered with additional layers of paint.
- Once deposited on surfaces, hand to mouth contact can result in the ingestion of lead.
- Exposure even to low levels of lead can cause irreversible damage to the brain and nervous system. Young and unborn children are particularly vulnerable.
- When removing paint, ensure that the work area is enclosed. Always wear a dusk mask and goggles as a minimum PPE requirement.
- Do not burn the paint. Use the scraper and keep the nozzle at least 25mm away from the painted surface. When working in a vertical direction, start from the top and work your way downwards to prevent paint from falling into the tool and burning.
- Dispose of all paint debris safely and ensure that the work area, as well as all your tools, are thoroughly cleaned after completing the work.

WARNING

Use only one hand to hold the heat gun, do not place your other hand over the air vents.

WARNING

To reduce the risk of injury, always unplug the heat gun before attaching or removing accessories or making adjustments.
To reduce the risk of injury, do not remove or attach accessory tips until the tool has cooled to room temperature.

OPERATION

⚠ WARNING

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

Glass Protection Nozzle

- Used to protect windows when stripping frames, keeps direct heat off the glass.

Spoon Reflector Nozzle

- Used for soldering pipes. Wraps around a metal pipe to distribute the heat evenly around the pipe surface.

Fish Tail Surface/Flat Nozzle

- Used for drying or thawing, for spreading the hot air over a narrow area that is wide.

Cone/Reducer Nozzle

- Used for welding, and shrink sleeving. Works by concentrating heat over a small area.

Scraper

- Used for stripping paint and varnish.

Recommended Applications: Setting 1 (Low)

- Drying paint, varnish, filler, adhesives, construction joints,and stucco forms.
- Drying wet timber prior to filling.
- Removing Stickers.
- Joining adhesives–large surface gluing with contact adhesives, activation of pressure sensitive adhesives, acceleration of bonding processes, releasing of bonding points, as well as releasing or bonding of edge band or veneers.
- Waxing, and de-waxing.
- Shrinking PVC wrap and insulation tubes.
- Defrosting of icy steps, door locks, trunk lids, car doors, or water pipes, as well as for defrosting refrigerators and ice boxes.

Recommended Applications: Setting 2 (High)

- Welding of thermoplastic polymer, flooring materials of PVC and linoleum, PVC coated fabric, tarpaulins, and foils.
- Bending plastic pipes and sheets.
- Soldering plumbing joints, tin, silver solder, SMD elements, and cable lugs.
- Loosening rusted or over tight nuts and bolts.
- Removing old and thick coats of oil paint, lacquer, varnish, and synthetic plaster.

OPERATION

Switching On & Off

- To switch the tool on, set the On/Off switch to the **I/II** position. Some smoke may be emitted after switching on; a small amount of smoke initially does not indicate a problem.
- To switch the tool off, adjust the lowest temperature to cool off, then set the On/Off switch to position **0**. Let the tool cool down for at least 30 minutes before changing accessories, moving, or storing it.

Temperature Settings

- Turn the On/Off switch to the **I/II** position, depending on your desired temperature. Press any of the adjusting buttons and the heat gun will start to buzz. Now you can increase or decrease the outlet temperature and air flow gradually by pressing the buttons (shown below).

- The LCD will display the temperature in digits, and air flow in a ladder pattern. Temperature in digits increase or decrease by increments of 10°C.

Stripping Paint

- Mount the appropriate accessory.
- Sent the heat gun to the higher air temperature setting.
- Switch the tool on.
- Direct the hot air onto the paint needing to be removed.
- When the paint softens, scrape the paint away using a hand scraper (Included).

⚠ WARNING

Do not strip metal window frames, as the heat may be conducted into the glass and crack it. When stripping other window frames, use the Glass Protection Nozzle.

Stationary Use

This heat gun also has the ability to be used in stationary mode:

- Place the tool onto the workbench.
- Secure the cable to prevent puling the heat gun off the workbench.
- Carefully switch the tool on.

Cooling Down

- The nozzle and accessory becomes very hot during use. Ensure it has properly cooled down before attempting to move or store the heat gun.
- To reduce the cooling time, switch the tool to position **I** which is at the lowest air temperature, and adjust the air flow to Max. Allow the tool to run for a few minutes at this setting.
- Switch the tool off, and let it cool down for at least 30 minutes.

MAINTENANCE

- Before cleaning or performing any maintenance, you must ensure the tool is switched off and disconnected from the power supply.
- Compressed air is the most effective way to clean this tool. Always wear PPE safety goggles when cleaning tools with compressed air.
- Check the carbon brushes of the machine in the event of excessive sparking.
- Ventilation openings and switch levers must be kept clean. DO NOT attempt to clean by inserting pointed objects through openings.
- Do not use harsh chemicals or solvents when cleaning this tool.
- If you discover any damaged or broken parts, consult your nearest ToolShed for replacements and advise.
- Your power tool has been designed to operate over a long period of time with minimum maintenance requirements. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

WARNING

Do not keep the heat gun directed at one spot for too long as this will cause your work piece to ignite.

WARNING

Avoid collecting paint on the scraper accessory, this may cause a fire hazard. If necessary, carefully remove paint debris from the scraper accessory using a knife.

Cleaning

- Keep the ventilation slots clear and clean them regularly with a soft cloth or compressed air.
- Keep the ventilation slots of the heat gun clean to prevent overheating of the engine.
- Regularly clean the machine housing with a soft cloth, preferably after each use.
- Always keep the ventilation slots free from dust and dirt.
- If the dirt does not initially come off, use a soft cloth moistened with soapy water.