

MAINTENANCE AND CLEANING

WARNING:

Attention! Before performing any work on the equipment, pull the power plug.

Maintenance

Your Power Tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

Lubrication

Your power tool requires no additional lubrication.

Cleaning

Keep the ventilation slots of the machine clean to prevent overheating of the engine.

ENVIRONMENT



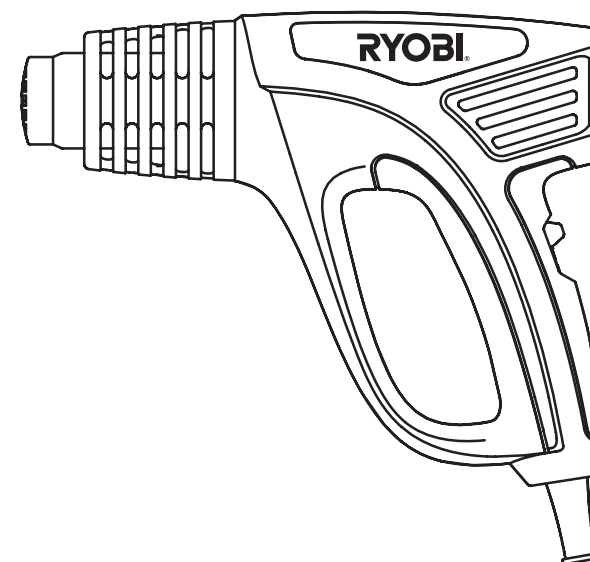
Should your appliance need replacement after extended use, do not discard it with the household rubbish but dispose of it in an environmentally safe way. Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



RYOBI®

HG-2000, HG-2000K

OWNER'S OPERATING MANUAL



RYOBI®

OWNER'S OPERATING MANUAL 2000W HEAT GUN MODEL HG-2000, HG-2000K

SPECIFICATIONS

Power input.....	2000 Watt
Temperature.....	I 450°C II 600°C
Air Flow.....	I 300L/min II 500L/min
Nett weight.....	0.8 kg

ACCESSORIES

Scraper	1pc*
Chisel	1pc*
Glass protection nozzle	1pc*
Flat nozzle	1pc*
Hook nozzle	1pc*
Concentration nozzle	1pc*

***Accessories only for HG-2000K**

THANK YOUR FOR BUYING OUR HEAT GUN

Your new heat gun has been engineered and manufactured to our high standard of dependability, ease of operation, and operator safety. Properly cared for, it will give you years of rugged, trouble free performance. If you use your heat gun properly and only for what it is intended, you will enjoy years of safe, reliable service.



CAUTION: Carefully read through this entire owner's manual, paying close attention to the general safety rules and rules for safe operation, before using.

KEEP THIS MANUAL FOR FUTURE REFERENCE

RELEVANT SAFETY CERTIFICATE

DOUBLE INSULATION

Double insulation is a concept in safety in electric power tools, which eliminates the need for earth grounding. Whenever there is electric current in the tool there are two complete sets of insulation to protect the user. All exposed metal parts are isolated from the internal metal motor components with protecting insulation.



DOUBLE
INSULATED



WARNING:

The double insulated system is intended to protect the user from shock resulting from a break in the tool's internal wiring. Observe all normal safety precautions related to avoiding electrical shock.

IMPORTANT: Servicing of a tool with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified service technician. For service we suggest you return the tool to your nearest Ryobi Authorised Service Centre for repair. When servicing, use only identical Ryobi replacement parts.

WARNING: This machine is manufactured in accordance with the relevant safety requirements. To assure safety and reliability, all repairs should be performed by an Authorised Service Centre or other Qualified Service Organisations

GENERAL SAFETY RULES

The purpose of safety rules is to attract your attention to possible dangers. The safety symbols and the explanations with them, require your careful attention and understanding. The safety warnings do not by themselves eliminate any danger. The instruction or warnings they give are not substitutes for proper accident prevention measures.



SAFETY ALERT SYMBOL. Indicates caution or warning. May be used in conjunction with other symbols or pictures.

Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury.

Do not attempt to operate this tool until you have read thoroughly and completely understood the safety rules, etc. contained in this manual. Failure to comply can result in accidents involving fire, electric shock or serious personal injury. Save this Owners Operating Manual and review it frequently for continual safe operation and for instructing others who may use this tool.



The operation of any tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before beginning

power tool operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eye glasses or standard safety glasses with side shields.

Due to continued product refinement policy, product features and specifications can and will change without notice. Check current features and specifications with your retailer.

GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and all instructions. Failure to follow all warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your mains operated (corded) power tool or battery operated (cordless) power tool. **WORK AREA**

Work area

- Keep work area clean and well lit. Cluttered and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

Electrical safety

- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool on a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power

tools may result in serious personal injury.

- Use safety equipment. Always wear eye protection. Safety equipment such as dust mask, non-skid safety shoes, hand hat, or hearing protection used whenever conditions require will reduce personal injuries.
- Avoid accidental starting. Ensure the switch is in the off position before plugging in. Carrying power tools with your finger on the switch or plugging in power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of these devices can reduce dust related hazards.

Power tool use and care

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate of which it was designed.
- Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store idle power tool out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or sticking of moving parts, breakage of parts and other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

GENERAL POWER TOOL SAFETY WARNINGS

- Keep cutting tools sharp and clean. Properly maintained cutting tools with cutting edges are less likely to stick and are easier to control.
- Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed. Use of

the power tool for operations different from intended could lead to a hazardous situation.

Service

- Have your power tool serviced by qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

ADDITIONAL SAFETY INSTRUCTIONS FOR HEAT GUNS

- Do not place your hand over the air vents or block the vents in any way.
- 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.
- Do not leave the tool unattended while it is switched on.
- A fire may arise if the appliance is not used with care.
- Heat may be conducted to combustible materials that are out of sight. Do not use in a damp atmosphere, where flammable gases may be present or near combustible materials.
- Allow the tool to cool fully before storing.
- Ensure adequate ventilation as toxic fumes may be produced.
- Do not use as a hairdryer.
- Do not obstruct either the air intake or nozzle outlet, as this may cause excessive heat build up resulting in damage to the tool.
- Do not direct the hot air blast at other people.
- Do not touch the metal nozzle as it becomes very hot during use and remains hot for up to 30 minutes after use.
- Do not place the nozzle against anything while using or immediately after use.
- Do not poke anything down the nozzle as it could give you an electric shock. Do not look down the nozzle while the unit is working because of the high temperature being produced.
- Do not allow paint to adhere to the nozzle or scraper as it could ignite after some time.

REMOVING PAINT

- Do not use this tool to remove paint containing lead. The peelings, residue and vapors of paint may contain lead, which is poisonous. 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. Preferably wear a dust mask.
- Do not burn the paint. Use the scraper and keep the nozzle at least 25 mm away from the painted surface. When working in a vertical direction, work downwards to prevent paint from falling into the tool and burning.
- Dispose of all paint debris safely and ensure that the work area is thoroughly cleaned after completing the work.

ASSEMBLY AND ADJUSTMENT



WARNING:

Prior to assembly and adjustment always unplug the tool

The air temperature can be adjusted to suit a wide range of applications.

ASSEMBLY AND ADJUSTMENT

Setting I

- Drying paint, varnish color shade samples, 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 veneer.
- Waxing and de-waxing
- Shrinking PVC wrapping and insulation tubes
- Defrosting of icy stairs and steps, door locks, trunk lids, car doors or water pipes, as well as for defrosting refrigerators and ice boxes

Setting II

- 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, special silver solder, SMD elements, cable lugs
- Loosening rusted or tightly fastened nuts and bolts
- Removing old and even thick coatings of oil paint, lacquer, varnish and synthetic plaster
- Disinfection-With hot air of 600°C, you can quickly rid animal sties/stables of bacteria. Woodworm infestation can be controlled (Caution: Danger of fire! Do not heat up the wooden surface excessively).



WARNING:

If you are not sure about the correct setting, start with a low temperature setting and gradually increase the temperature until you achieve optimum results

OPERATION

Switching on and off

- To switch the tool on, set the on/off switch to position I / II. Some smoke may be emitted after switching on; this does not indicate a problem.
- To switch the tool off, set the on/off switch to position I, and let it run for a few minutes. Then set the on/off switch to position 0. Let the tool cool down before moving or storing it.

Stripping paint

- Switch the tool on.

- Direct the hot air onto the paint to be removed.
- When the paint softens, scrape the paint away using a hand scraper.



WARNING:

Do not strip metal window frames, as the heat may be conducted onto the glass and crack it. When stripping other window frames, use the glass protection nozzle.



WARNING:

Do not keep the tool directed at one spot too long to prevent igniting the surface.

Stationary use

This tool can also be used in stationary mode.

- Secure the cable to prevent pulling the tool off the workbench.
- Carefully switch the tool on.



WARNING:

Make sure that the nozzle always points away from you and any bystanders. Make sure not to drop anything into the nozzle.

Cooling down

The nozzle and accessory become very hot during use. Let them cool down before attempting to move or store the tool.

- To reduce the cooling time, set the on/off switch to position I and let it run for a few minutes.
- Switch the tool off and let it cool down for at least 30 minutes.

ACCESSORIES



1. NOZZLES The kit is supplied with 4 different shaped nozzles, which can be used as follows:

1). Concentrator Nozzle

This nozzle directs a concentrated heat flow to the workpiece. It is ideal for use when removing paint in awkward corners, crevices, mouldings, beading, architraves or whenever precise paint removal is required.



2). Flat Nozzle

This nozzle directs a long narrow heat pattern to the workpiece, and is ideal for removing paint or varnish from large flat surfaces such as skirting boards, doors, stairs etc. It should be used in conjunction with a flat scraper. Vinyl tiles can be removed by softening the vinyl tiles and adhesive.



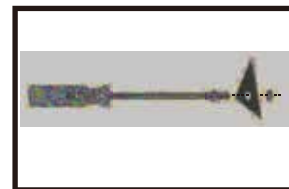
3). Glass Protection Nozzle

This nozzle deflects the heat away from glass or other fragile areas and back onto the workpiece.



4). Hook Nozzle

This nozzle disperses the heat flow evenly around the whole workpiece. It is ideal for defrosting frozen pipes, soldering pipe work, bending plastics and heat-shrinking electrical parts.



2. SHAVE HOOK

Take the handle from the set, remove the nut from the end, fit the triangle blade in place by refitting and tightening the nut. The triangular shave hook is ideal for stripping paint from flat wooden surface and edges. Remember to clean the blade after use with wirewool and lightly oil before storing.