BGS 74446

Mini Hot Air Gun

GENERAL DESCRIPTION

The Precision Heat Tool is a quality power tool. Like any other power tool, the Precision Heat Tool can be dangerous when misused. Read the following instructions carefully and follow all safety precautions. It is the responsibility of the owner to use the Precision Heat Tool properly.

SPECIFICATIONS

Power supply: 230-240V AC
Power: 350 Watt (1194 BTU)
Temperature step 1: 230°C (446°F)
Temperature step 2: 400°C (752°F)
Cable lenght: 1.8 m
Weight: 0.38 kg

USES

- Soften paint, caulking and putty for easier removal
- Soften adhesives to help remove stickers and floor tiles
- Bend plastic pipes
- Shrink tubing for electrical work
- Shrink plastic film for crafts, wrapping or weatherproofing
- Activate embossing powder and liquid applique for craft use

SERVICING OF A DOUBLE-INSULATED PRODUCT

In a double-insulated product, two systems of insulation are provided instead of grounding. No grounding means is provided on a double-in-sulated product, nor should a means for grounding be added to the product. Servicing of a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel. Replacement parts for a double-insulated product must be identical to those parts in the product.

IMPORTANT

To reduce the risks of fire or explosion, electrical shock and the injury to persons, read and understand all instructions included in this manual. Be familiar with the controls and proper usage of the equipment.

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

Instruction Manual

BGS technic KG
Bandwirkerstr. 3
D-42929 Wermelskirchen

Tel.: 02196 720480
Fax.: 02196 7204820
mail@bgs-technic.de

www.bgstechnic.com

HAZARD: POISON
Old paint may contain lead.

Once the paint is 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 to lead poisoning. Before beginning any paint removal process you should determine whether the paint you are removing contains lead. This can be done 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.

PREVENTION:

- 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.
- Remove or cover any carpets, rugs, furniture, clothing, cooking utensils and air ducts.
- 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.
- 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.
- Children, pregnant or potentially pregnant women and nursing mothers should not be present in the work area until the work is done and all cleanup is complete.
- Wear a dust respirator mask of a dual filter respirator mask for dust and fumes 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 that the mask fits properly. Beards and facial hair may keep masks from sealing properly. Change the filters often. Disposable paper masks are not adequate.
- 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.
- 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 in the work area.
- 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 dust is clinging. Do not sweep, dry dust or vacuum. Use a high phosphate detergent of trisodium phosphate (TSP) to wash and mop areas.
- 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.
- Remove protective clothing and work shoes in the work area to avoid carrying dust into the rest of the building. Wash work clothes separately. Wipe shoes off with a wet rag and then wash it with the work clothes. Wash hair and body thoroughly with soap and water.

BGS technic KG
Bandwirkerstr. 3
D-42929 Wermelskirchen

Tel.: 02196 720480
Fax.: 02196 7204820
mail@bgs-technic.de

www.bgstechnic.com

HAZARD: EXPLOSION OR FIRE
This heat gun produces extremely high temperatures, as high as 400°C (752°F).
It must be used with caution to prevent combustible material from igniting.

PREVENTION:

- Keep the gun in constant motion. Do not stop or dwell in one spot.
- Use extreme caution if the other side of the material being scraped is inaccessible, such as hause siding. The hidden side could catch on fire if it becomes too hot. Some buildings contain highly flammable materials behind siding, floors, facia, soffit boards and other panels. Check these areas before applying heat and do not use a heat tool if flammable materials are present or if you are unsure of the hidden material.
- Do not use near surfaces with cracks or near metal pipes or flashing. Heat may be conducted behind the work surface and ignite hidden material. The ignition of hidden materials may not be readily apparent and can result in property damage and injury.
- Do not use electric tools in the presence of flammable liquids or gases.
- Do not use near combustible materials such as dry grass, leaves, and paper which can scorch and catch fire.
- The nozzle becomes very hot. Do not lay the heat gun on flammable surfaces when operating the gun or immediately after shutting the gun off. Always set the gun on a flat level surface so that the nozzle tip is directed upwards and away from the supporting surface.
- Do not touch the nozzle until the tool has cooled.
- Do not use the heat gun as a hair dryer.
- Tools and paint scrapings become very hot. To avoid burns, use work gloves when scraping.
- Always treat the hot air units with the same respect as an open flame.

HAZARD: ELECRIC
May cause property damage, severe injury or loss of life.

PREVENTION:

- Do not disassemble the heat gun.
- Do not work in wet areas or expose the heat gun to rain.
- Guard against electric shock by preventing body contact with grounded surfaces such as pipes, radiators, ranges, aluminum ladders or other grounded devices.
- Do not abuse the electric cord. Never carry the heat gun by the cord or yank on the cord to disconnect if from the power supply. Keep the electric cord away from heat, oil and sharp edges. Inspect the cord for wear or damage regularly.
- Use only extension cords rated for outdoor use. If an extension cord is damaged or otherwise unsuitable for use, replace it with a new cord.
- This heat gun 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 into the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.

BGS technic KG
Bandwirkerstr. 3
D-42929 Wermelskirchen
Tel.: 02196 720480
Fax.: 02196 7204820
mail@bgs-technic.de
www.bgstechnic.com

HAZARD: GENERAL
May cause property damage or severe injury.

PREVENTION:

- Disconnect the heat gun from the power supply when not in use. Store indoors in a dry place and out of the reach of children.
- Keep your work area well lighted and clean.
- Do not overreach, especially when working on ladders. Keep proper footing and balance at all times. Be certain any ladders being used are sturdy, stable, on a firm surface and erected at safe working angles.
- Avoid power lines.
- Keep moveable items secured and steady while scraping.
- Always use protective eyewear when working.
- Stay alert and use common sense when operating any tool.

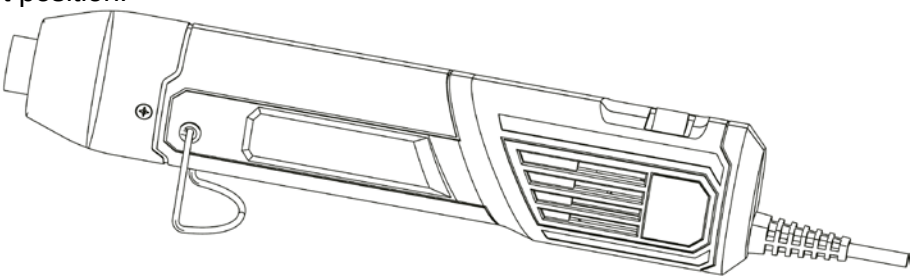
OCCUPATIONAL SAFETY

When using this tool, always wear following protective equipment:

- Safety glasses
- Work gloves
- Dusk mask, that are specially designed to filter out microscopic particles.

USING THE HEAT GUN

1. Plug the unit into a standard wall outlet.
2. Turn on the unit. The motor-driven fan noise will indicate that the unit is running. The heating coil will light up slowly to dark red.
3. When the work is done, turn the unit off and set it down with the nozzle pointing up and the stand in the support position.



4. Note: Keep the nozzle pointed up after shutdown, either for a short break or for storage. If the nozzle is pointed down, the residual heat rises into the motor space and shortens the life of the unit. Avoid laying the unit on the side after shutdown. The heat will remain in the unit and cooling will take longer. Store the unit only after the nozzle is cool to touch. Unplug the unit before storing to prevent accidental start up.

EMBOSSING

When using the hat tool to activate embossing powder, remove excess powder by dusting the powder off with a clean, dry paint brush. Hold the nozzle end of the hat tool approximately 77mm from the work surface. To prevent the paper from becoming too hot, move the nozzle end around in a circular fashion until the embossing powder is raised and shiny. When you have completed one area, switch the hat tool off and return the tool to its built-in stand while preparing another area.

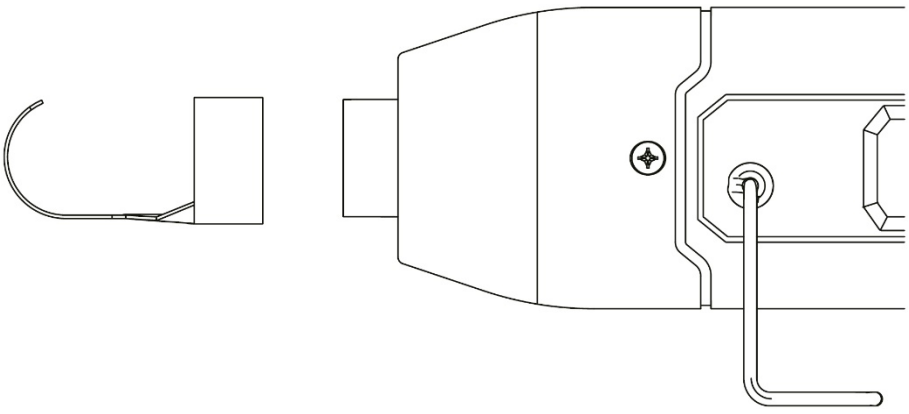
Instruction Manual

STRIPPING PAINT

The Precision Heat Tool does not overheat the surface or scorch wood easily, unlike radiant heat and open flame devices such as a propane torch. The heat tool heats up the surface and causes the paint to soften, at which time it can be scraped off easily without damaging the surface.
Only oil paints were used prior to 1942, and such paints soften easily with heat and can be scraped off as soon as the finish has blistered. Today's paints are more varied, so generalized results cannot be predicted. Some paints may soften even though they do not blister; some may become rubbery, and some may require higher heat. When working with several layers of paint, it speeds up the scraping process to heat the surface thoroughly, all the way to the wood. Then all the layers can be scraped at one time. A soft wire brush may be the best tool to use for very intricate surfaces. Mineral paints and finishes, such as cement paint and porcelain, do not soften with heat, so using a heating tool will not work for paint removal.

SHRINK TUBING

The shrink tube accessory can be used whenever circular airflow is required. It is often used to shrink the tubing around electrical connections, or to soften a plastic tube that must be bent at a specific location.



IMPORTANT: The shrink tube attachment becomes very hot during use. Allow the attachment to cool before removal or storage. Slide the shrink tube attachment over the nozzle of the heat tool. Use this attachment only to shrink tubing. Attach only when the heat tool is cool to touch.

STORAGE

Allow the hot tool nozzle to cool to room temperature before placing in storage. The nozzle will turn dark over time because of the high heat. This is normal and will not affect the performance or life of the unit.

ENVIRONMENTAL PROTECTION

Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment.

DISPOSAL

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment. Contact your local solid waste authority for recycling information or give the product for disposal to BGS technic KG or to an electrical appliances retailer.

Instruction Manual

BGS technic KG
Bandwirkerstr. 3
D-42929 Wermelskirchen

Tel.: 02196 720480
Fax.: 02196 7204820
mail@bgs-technic.de

www.bgstechnic.com

CE

EU-KONFORMITÄTSERKLÄRUNG
EC DECLARATION OF CONFORMITY
DÉCLARATION „CE“ DE CONFORMITE
DECLARATION DE CONFORMIDAD UE

Wir erklären in alleiniger Verantwortung, dass die Bauart des Produktes:
We declare that the following designated product:
Nous déclarons sous propre responsabilité que ce produit:
Declaramos bajo nuestra sola responsabilidad que este producto:

Mini-Heißluft-Gebläse (Art. 74446)
Mini Hot Air Gun
Mini decapeur thermique
Mini pistola de aire caliente

folgenden einschlägigen Bestimmungen entspricht:
complies with the requirements of the:
est en conformité avec les réglementations ci-dessous:
esta conforme a las normas:

EMC Directive 2014/30/EU
Low Voltage Directive 2014/35/EU

Angewandte Normen:
Identification of regulations/standards:
Norme appliquée:
Normas aplicadas:

EN IEC 55014-1:2021; EN IEC 55014-2:2021
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A1:2019+A2:2021
EN 60335-2-45:2002+A1:2008+A2:2012
EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019
+A14:2019+A2:2019+A15:2021 ; EN 62233:2008

EMCVerification No.: 220902132SHA-V1 / MJHG026

EMC Test Report No.: 220902132SHA-001

LVD Verification No.: 220902131SHA-V1 ; LVD Test Report No.: 220902131SHA-001

Wermelskirchen, den 01.07.2023

ppa.
Frank Schottke, Prokurist

BGS technic KG, Bandwirkerstrasse 3, D-42929 Wermelskirchen

CE-Erklärung