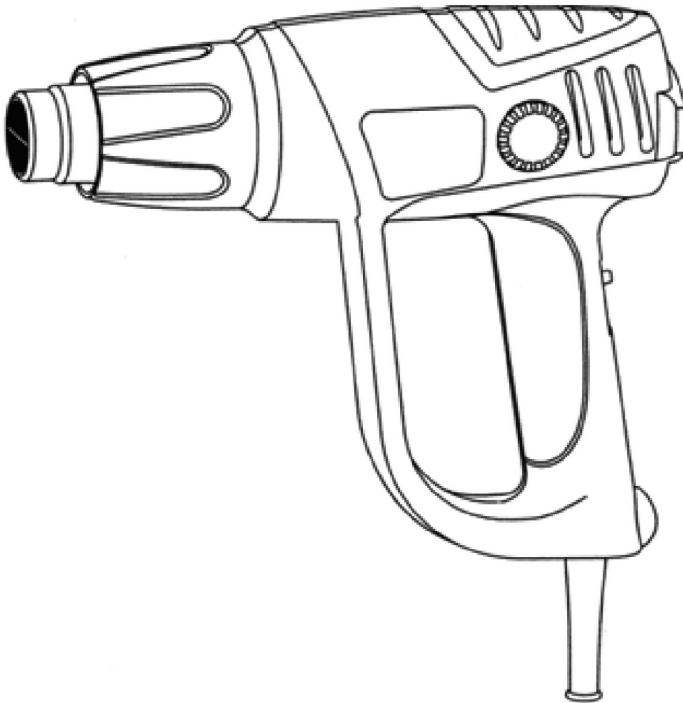


ZENIT

POWERTOOLS

HOT AIR GUN HAG-2000-1



INSTRUCTION MANUAL

GENERAL SAFETY PRECAUTIONS



WARNING! When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury, including the following.

Read all these instructions before operating this product and save these instructions.

For safe operations:

1. Keep work area clean. Cluttered areas and benches invite injuries.
2. Consider work area environment. Do not expose power tools to rain. Do not use power tools in damp or wet locations. Keep work area well lit. Do not use power tools where there is risk to cause fire or explosion.
3. Guard against electric shock. Avoid body contact with earthed or grounded surfaces. (e.g. pipes, radiators, ranges, refrigerators).
4. Keep children and infirm persons away. Do not let visitors touch the tool or extension cord. All visitors should be kept away from work area.
5. Store idle tools. When not in use, tools should be stored in a dry, high or locked up place, out of reach of children and infirm persons.
6. Do not force the tool. It will do the job better and safer at the rate for which it was intended.
7. Use the right tool. Do not force small tools or attachments to do the job of a heavy duty tool. Do not use tools for purposes not intended.
8. Dress properly. Do not wear loose clothing or jewelry; they can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protecting hair covering to contain long hair.
9. Use eye protection. Also use face or dust mask if the cutting operation is dusty.
10. Connect dust extraction equipment. If devices are provided for the connection of dust extraction and collection facilities ensure these are connected and properly used.
11. Do not abuse the cord. Never carry the tool by the cord or yank it to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges.
12. Secure work. Use clamps or a vise to hold the work. It is safer than using your hand and it frees both hands to operate tool.
13. Do not overreach. Keep proper footing and balance at all times.
14. Maintain tools with care. Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cords periodically and if damaged, have it repaired by authorized service center. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean, and free from oil and grease.
15. Disconnect tools. When not in use, before servicing, and when changing accessories such as blades, bits and cutters.
16. Remove adjusting keys and wrenches. Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
17. Avoid unintentional starting. Do not carry a plugged in tool with a finger on the

switch. Ensure switch is off when plugging in.

18. Use outdoor extension leads. When tool is used outdoors, use only extension cords intended for outdoor use.

19. Stay alert. Watch what you are doing. Use common sense. Do not operate tool when you are tired.

20. Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service center. Do not use the tool if the switch does not turn it on and off.

21. Warning Use only accessories or attachments recommended in this instruction manual or in the catalogue of ZENIT TM.

22. Have your tool repaired by a qualified person. This electric tool is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original ZENIT TM spare parts. Otherwise this may result in considerable danger to the user.

Safety precautions on using hot air gun

- When heat treating use clamps, vice or other ways of secure mounting of work piece.
- Handholding work piece is not secure and may cause loss of balance, tool damage or body injury.

DESCRIPTION



1. Nozzle
2. Temperature control
3. Handle

TECHNICAL SPECIFICATIONS

Model	HAG-2000-1
Rated power	2000 W

Rated voltage	220-240 V
Rated frequency	50-60 Hz
Air flow	13-19 m/s
Air temperature	300/500°C

Standard delivery includes set of nozzles.

INTENDED USE

1. Removing paint

On profiled surface, paint can be removed using an appropriate fitting spatula and brushed off with a soft wire brush.

2. Cable shrinking

Heat-shrinkable sleeve is installed on the insulation place and is heated by hot air flow. Sleeve shrinks by 50% in diameter and seals joint. This operation is used for sealing and repair of damaged cable, sealing of welding points, cable sheathing.

3. Shaping plastic

Thanks to hot air flow it is possible to soften and shape plates, pipes or ski boots.

4. Starting grill

Because of hot air flow coal will flame up at once.

5. Defrosting

It is possible to defrost water pipes, steps or car door locks.

6. Soft soldering

Before soldering clean the location to be soldered, warm by hot air flow and apply solder. Fluxing material, protecting from corrosion is used for soldering.

7. Welding plastic or joint loosening

All surfaces must be of the same plastic type.



ATTENTION

The power tool is designed for household usage and is not intended for industrial purposes. Using the power tool in industrial purposes will make warranty null and void.

PRIOR TO OPERATION

1. Power source.

Ensure that the power source to be utilized conforms to the power source requirements specified on the product nameplate.

2. Power switch.

Ensure that the power switch is in the OFF position. If the plug is connected to a receptacle while the switch is in the ON position, the power tool will start operating immediately and can cause serious injury.

3. Extension cord.

When the work area is far away from the power source, use an extension cord of sufficient thickness and rated capacity. The extension cord should be kept as short as practicable.

4. Temperature control

Before adjusting air temperature make sure the power switch is in the “Off” position. To adjust press the switch and adjust air flow temperature by turning the temperature dial.

MAINTENANCE AND INSPECTION

2. Inspecting the screws

Regularly inspect all screws and ensure that they are fully tightened. Should any of the screws be loosened, retighten them immediately.



WARNING

Repair, modification and check of ZENIT power tools should be performed only in authorized service centers ZENIT. While use or maintenance of power tools follow all safety rules and standards.



CAUTION

When using the screwdriver follow these rules:

- continuous use of the power tool should not exceed 15 minutes;
- do not allow mechanical damage (strikes, falls etc.);
- protect the tool from external sources of heat and chemically active substances, as well as liquid and objects penetration;
- before disconnecting the tool from the power source turn off the On/Off switch;
- check the motor temperature, do not allow overheating;
- change the rotation direction only after switching off the tool and complete stop of rotating parts.

Inobservance of these rules will make warranty void!



NOTE

Zenit Power Tools are constantly being improved and modified to incorporate the latest technological advancements.

Accordingly, some parts may be changed without prior notice.



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