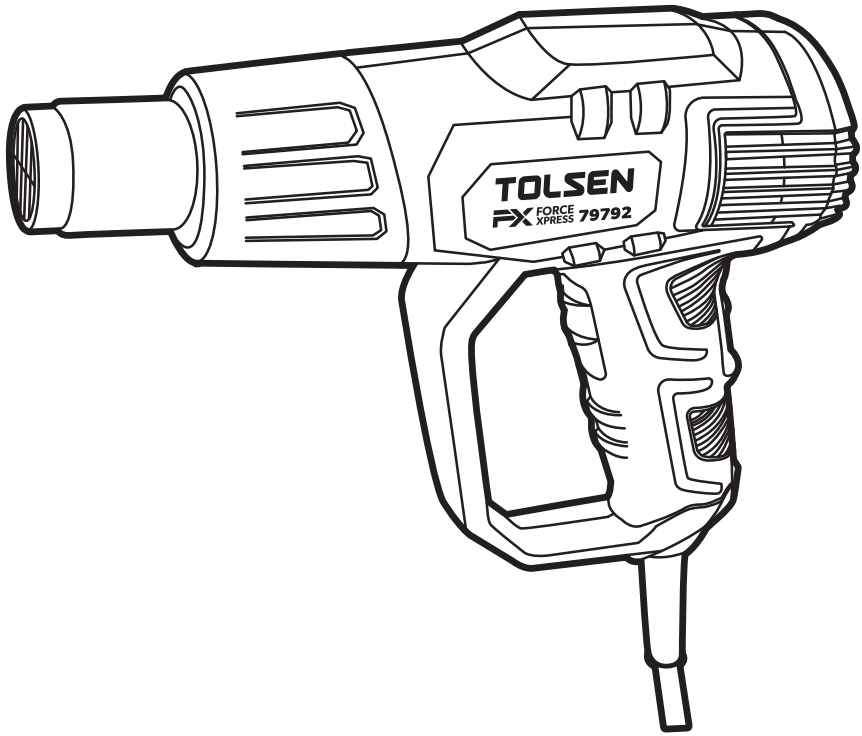
TOLSEN FX FORCE XPRESS

79792
HOT AIR GUN

INSTRUCTION MANUAL **230V~50Hz** **2000W**

CE



SAVE THIS MANUAL !
You will need this manual for safety instructions, operating procedures and warranty.
Put it and the original sales receipt in a safe dry place for future reference.

SAFETY

WARNING! Read and understand all instructions before using this tool. The operator must follow basic precautions to reduce the risk of personal injury and/or damage to the equipment.

Keep this manual for safety warnings, precautions, operating or inspection and maintenance instructions.

HAZARD DEFINITIONS

Please familiarize yourself with the hazard notices found in this manual. A notice is an alert that there is a possibility of property damage, injury or death if certain instructions are not followed.

DANGER! This notice indicates an immediate and specific hazard that will result in severe personal injury or death if the proper precautions are not taken.

WARNING! This notice indicates a specific hazard or unsafe practice that could result in severe personal injury or death if the proper precautions are not taken.

CAUTION! This notice indicates a potentially hazardous situation that may result in minor or moderate injury if proper practices are not taken.

NOTICE! This notice indicates that a specific hazard or unsafe practice will result in equipment or property damage, but not personal injury.

WORK AREA

1. Operate in a safe work environment. Keep your work area clean, well-lit and free of distractions. Place lights so you are not working in a shadow.
2. Keep anyone not wearing the appropriate safety equipment away from the work area.
3. Store tools properly in a safe and dry location. Keep tools out of the reach of children.
4. Do not install or use in the presence of flammable gases, dust or liquids.

PERSONAL SAFETY

WARNING! Wear personal protective equipment approved by the Canadian Standards Association (CSA) or American National Standards Institute (ANSI).

PERSONAL PROTECTIVE EQUIPMENT

1. Always wear impact safety goggles that provide front and side protection for the eyes. Eye protection equipment should comply with CSA Z94.3-07 or ANSI Z87.1 standards based on the type of work performed.
2. Wear protective clothing designed for the work environment and tool.
3. Non-skid footwear is recommended to maintain footing and balance in the work environment.
4. Wear a NIOSH approved respirator when working on materials that produce hazardous fumes, dust or particulate matter.

PERSONAL PRECAUTIONS

Control the tool, personal movement and the work environment to avoid personal injury or damage to the tool.

1. Do not operate any tool when tired or under the influence of drugs, alcohol or medications.
2. Do not overreach when operating the tool. Proper footing and balance enables better control in unexpected situations.

SPECIFIC SAFETY PRECAUTIONS

WARNING! DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to the tool safety rules. If you use this tool unsafely or incorrectly, you can suffer serious personal injury.

1. Use the correct tool for the job. This tool was designed for a specific function. Do not modify or alter this tool or use it for an unintended purpose.
2. Do not use the tool if any parts are damaged, broken or misplaced. Repair or replace the parts.

3. Never point the heat gun towards a bystander, an animal, yourself or a combustible material. The heat gun generates

ELECTRICAL SAFETY

WARNING! Do not touch or handle a live tool with any part of your body that is wet or damp. Wet skin reduces resistance to electrical current, increasing the danger of a serious or fatal shock.

WARNING! To reduce risk of electric shock, be certain that the plug is connected to a properly grounded receptacle.

1. Disconnect tool from power source before cleaning, servicing, changing parts/accessories or when not in use.
2. Protect yourself against electric shocks when working on electrical equipment. Avoid body contact with grounded surfaces. There is an increased chance of electrical shock if your body is grounded.
3. Do not expose the tool to rain or wet conditions. Water entering a tool will increase the risk of electric shock.

   an intense stream of hot air that is capable of inflicting a burn injury or igniting combustible materials.
4. Do not touch the heat gun's metal nozzle or place the nozzle on a combustible material until it has time to cool. The heat gun generates considerable heat and can inflict a burn injury and/or damage materials during use.
5. Do not use the heat gun with chemical strippers. The heat may ignite the stripper or activate toxic fumes.
6. Never remove lead-based paint yourself. This requires a professional due to the lead's toxicity. Have the paint tested if you are unsure if lead is present.
7. Do not obstruct the tool's air intake or nozzle. This can lead to excessive heat build up and may cause the tool to fail.
8. Do not direct heat against a glass object or pane. Glass is a poor heat conductor and can reach high temperatures quickly. Glass 'melts' at 530 to 600°C (932 to 1,112°F) and can cause a serious burn injury.

4. Do not disconnect the power cord in place of using the ON/OFF switch on the tool. This will prevent an accidental start-up when the power cord is plugged into the power supply.

    4.1 In the event of a power failure, turn off the machine as soon as the power is interrupted. The possibility of accidental injury could occur if the power returns and the unit is not switched off.

5. Do not alter any parts of the tool or accessories. All parts and accessories are designed with built-in safety features that may be compromised if altered.

6. Make certain the power source conforms to requirements of your equipment (see Specifications).

7. When wiring an electrically driven device, follow all electrical and safety codes, as well as the most recent Canadian Electrical Code (CE) and Canadian Centre for Occupational Health and Safety (CCOHS).

WARNING! All wiring should be performed by a qualified electrician.

POWER CORD

1. Insert the power cord plug directly to the power supply whenever possible. Use extension cords or surge protectors only when the tool's power cord cannot reach a power supply from the work area.

    1.1 When operating a tool outside, use an outdoor extension cord marked W-A or W. These cords are rated for outdoor use and reduce the risk of electric shock.

    1.2 Use in conjunction with a Ground Fault Circuit Interrupter (GFCI). If operating a tool in a damp location is unavoidable, the use of a GFCI reduces the risk of electric shock. It is recommended that the GFCI should have a rated residual current of 30 mA or less.

2. Do not operate this tool if the power cord is frayed or damaged, as an electric shock or surge may occur, resulting in personal injury or property damage.
   - 2.1 Inspect the tool's power cord for cracks, fraying or other faults in the insulation or plug before each use.
   - 2.2 Discontinue use if a power cord feels more than comfortably warm while operating the tool.
   - 2.3 Have the power cord replaced by a qualified service technician.
3. Keep all connections dry and off the ground to reduce the risk of electric shock. Do not touch plug with wet hands.
4. Prevent damage to the power cord by observing the following:
   - 4.1 Do not pull on the cord to disconnect the plug from an outlet.
   - 4.2 Keep cord away from heat, oil, sharp edges or moving parts.
   - 4.3 Never use the cord to carry the tool.
   - 4.4 Place the electrical cord in a position that prevents it from coming into contact with the tool and from getting caught by the workpiece. The cord should always stay behind the tool.
5. Do not allow people, mobile equipment or vehicles to pass over unprotected power cords.
   - 5.1 Position power cords away from traffic areas.
   - 5.2 Place cords in reinforced conduits.
   - 5.3 Place planks on either side of the power cord to create a protective trench.
6. Do not wrap cord around the tool, as sharp edges may cut insulation or cause cracks if wound too tight. Gently coil cord and either hang on a hook or fasten with a device to keep cord together during storage.

POWER TOOL PRECAUTIONS

1. DO NOT use any power tool with a malfunctioning power switch or control. A power tool that fails to respond to the controls is dangerous and could cause an injury. A qualified technician must repair and verify the power tool is operating correctly before it can be used.
2. Do not cover the air vents. Proper cooling of the motor is necessary to ensure normal life of the tool.
3. Avoid unintentional starting. Ensure the switch is off when connecting to the power source.
4. Disconnect the power source before installing or servicing the tool.

SPECIFICATIONS

Rating (Voltage, Current, Frequency)		230V~50Hz
Temperature Settings	Setting I	50˚C
	Setting II	70-600˚C
	Setting III	70-600˚C
Airflow	Setting I	300L/min
	Setting II	300L/min
	Setting III	500L/min
Rated Power		2000W

CE

INTRODUCTION

The Digital Control Electric Heat Gun has a variable temperature setting ranging from 50 to 600 °C in 10°C increments. The heat gun can help remove paints, adhesives or dry materials. The LCD only displays Celsius readings.

UNPACKING

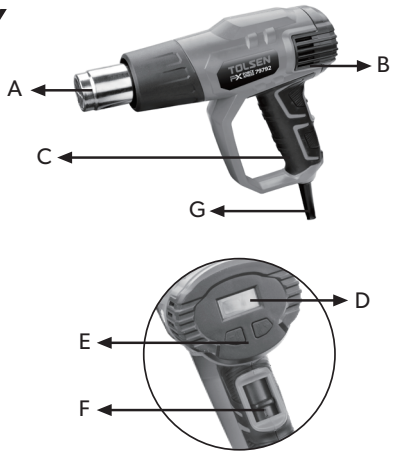
WARNING! Do not operate the tool if any part is missing. Replace the missing part before operating. Failure to do so could result in a malfunction and personal injury.

Remove the parts and accessories from the packaging and inspect for damage. Make sure that all items in the contents are included.

Contents: • Electric Heat Gun

IDENTIFICATION KEY

A Nozzle
B Air Vents
C Handle
D LCD
E Temperature Control
F ON/OFF and Airflow Switch
G Power Supply Cord



4pcs nozzle

Triangular blade scraper

OPERATION

Letter references in parenthesis (A) refer to the included Identification Key.

BEFORE EACH USE

1. Clear the work area of combustible or flammable materials.
2. Make sure the work area is well ventilated as there may be toxic or irritating fumes from the paint or coating being removed.
3. Clean the nozzle of any residue from previous work.

HEAT GUN CONTROLS

The temperature range displayed is in Celsius only. Each increase of 10°C equals an increase of 18°F.

1. Make sure the ON/OFF Switch (F) is in the OFF position before connecting the power supply cord to a power outlet.
2. Push the ON/OFF Switch upwards to setting I to activate the heating element and fan.
   2.1 A slight oily odour is common when first used. This will fade after a short period of time.
3. Push the switch to setting II or III as desired. See Specifications for temperature ranges and airflow for each setting.
4. In setting II and III adjust the heat up or down in 10°C increments by pressing the temperature control button (E). Press on the right side to increase the temperature and on the left side to decrease it.
5. Allow the heat gun to run for 1 minute to attain the programmed level of heat.
6. Aim the stream of hot air at the workpiece for short durations to avoid burning or damaging the workpiece. You may also need to adjust the distance between the workpiece and heat gun to achieve the desired effect.

6.1 The duration and distance will be different based on the job and workpiece material. Experiment until you have satisfactory results.

7. Push the temperature control switch to setting I when the job is complete. The lower temperature air will reduce the nozzle temperature.

8. After a minute, switch the tool OFF and place it in a location where the nozzle will not touch anything flammable or that can conduct the heat. If possible, position the tool on its end with the nozzle pointing straight up.

9. Store the tool once the nozzle has cooled.

REMOVING A COATING OR PAINT

WARNING! Do not handle a heated workpiece without appropriate safety gloves that can provide protection against the temperature. Handling the workpiece while hot can result in a burn injury.

The heat gun is suitable for use in stripping oil-based paint and latex-based paint that rest on the workpiece's surface. It cannot strip glazes or primers that penetrate wood.

When stripping paint from a vertical surface, scrape downward so the paint does not fall into the heat gun. The nozzle should be positioned approximately 2-3/4 to 4 in. from the painted surface.

Test a small section first. The paint is ready for scraping when it blisters. Some paints may soften and then burn without blistering. Determine which type of paint or coating you are dealing with before proceeding.

1. Protect surfaces that should not be heated with a non-flammable covering.

2. Heat the workpiece on setting I before proceeding to setting II or III.

2.1 Try decreasing the distance between the heat gun and workpiece, before increasing the setting to II or III.

3. Move the heat gun side to side to heat the area in front of the scraper until the paint softens or blisters. Scrape downwards in even strips. Do not rush as this may damage the workpiece.

4. Remove the softened coating with a wire brush in difficult to reach areas.

REMOVING AN ADHESIVE

Soften glue and other adhesives with applied heat. The steps are similar to removing paint.

1. Follow steps 1 and 2 for removing paint. This alone may soften the glue and allow the workpiece to separate.

2. Increase to setting II and move the heat gun over the workpiece without focusing on one spot. This will reduce the chances of heat damage while raising the workpiece's temperature.

   2.1 The material's mass and thickness may require longer heating if you cannot focus the airflow directly on the adhesive.

3. Gently pry the workpiece apart, applying heat as necessary to keep the adhesive soft.

4. Once the workpiece is separated. Heat the adhesive and scrap it away.

   4.1 An alternative with delicate items is to place paper or a rag on the glue and apply heat. The glue will stick to the paper and can be peeled off. This should be done on a lower setting to avoid igniting the material.

   4.2 In difficult to reach spots, a wire brush or chemical solution may be required to remove the remaining adhesive.

REMOVING CARPET AND LINOLEUM

DANGER! Older linoleum may contain asbestos. Asbestos exposure can lead to long term illness and death. Have any linoleum installed before 2000 tested before removal. Have a professional remove linoleum that tests positive for asbestos.

1. Heat the edge or corner of the linoleum or carpet. Make quick passes with the heat gun to avoid burning the area.
    1.1 Check to see if there are corners or edges that are not glued to the subfloor and begin from there.
    1.2 Consider cutting the linoleum into strips and concentrate on removing each strip to simplify the job.
2. Pull the covering until a section lifts away from the subfloor.
3. Redirect the airflow directly against the point where the flooring meets the subfloor and continue to peel until the covering is removed.
4. Heat the remaining glue and remove with a scraper.

REMOVING ADHESIVE LABELS

Most labels can be removed on setting I. Heat the label in short bursts. Pull the label away from the workpiece, reapplying heat when the adhesive begins to cool.

When the label is removed, heat the workpiece area and lightly scrub with a non-marring pad or eraser to remove the remaining adhesive.

LOW VOLTAGE

Low voltage may cause overheating due to higher power current being drawn to the tool that will shorten the motor life.

An extension cord may cause a drop in power to the tool if it is too long or the amperage rating is not correct. This may result in the following:

1. The tool will not activate when switched on.

2. The tool may switch on, but fails to maintain power when operated.
3. The tool may overheat, possibly starting a fire.

Test the tool by plugging it directly to the power supply. If it powers on, change the extension cord with the correct rating and as short as needed. The workpiece may also need to be relocated closer to the power supply.

CARE & MAINTENANCE

1. Maintain the tool with care. A tool in good condition is efficient, easier to control and will have fewer problems.
2. Inspect the tool components periodically. Repair or replace damaged or worn components. Only use identical replacement parts when servicing.
3. Keep the tool handles clean, dry and free from oil/grease at all times.
4. Maintain the tool's labels and name plates. These carry important information. If unreadable or missing, contact Princess Auto Ltd. for replacements.

WARNING! Only qualified service personnel should repair the tool. An improperly repaired tool may present a hazard to the user and/or others.

CLEANING

1. Clean residue and debris from the nozzle before using the tool. The debris can ignite when heat is applied.
2. Clean dust and debris from the air vents (B) with a small brush. Hold the tool so the debris will not fall inside the vents. Air must flow through the tool unimpeded. Clogged vents will cause the tool to overheat. The tool may fail or reach a higher temperature than intended and damage the workpiece.
3. Clean the housing with a damp cloth after work is complete and allow to air dry before reusing.

DISPOSAL

Recycle a tool damaged beyond repair at the appropriate facility.

Contact your local municipality for a list of disposal facilities or by-laws for electronic devices, batteries, oil or other toxic liquids.

TROUBLESHOOTING

Visit a TOLSEN distributer location for a solution if the tool does not function properly or parts are missing. If unable to do so, have a qualified technician service the tool.

CE DECLARATION OF CONFORMITY

WE

SUZHOU TOLSEN TOOLS CO.,LTD.

198 HUASHAN ROAD, ZHANGJIAGANG,

JIANGSU, CHINA

Declare that the product

79792 Heat Gun/Hot-air gun(GW1028-B)

230-240V,50Hz,2000W,Class II

Serial number: N/A

Complies with the essential health and safety requirements of the following Directices:

EC Machinery Directive 2014/35/EU

The EMC Directive 2014/30/EU

Standards and technical specifications referred to:

EN 60335-2-45:2002/A2:2012

EN 60335-1:2012/A11:2014

EN 62233:2008

EN 55014-1:2017

EN 55014-2:2015

EN 61000-3-2:2014

EN 61000-3-11:2000

Authorised Signatory and technical file holder

Signed for and on behalf of:

SUZHOU TOLSEN TOOLS CO.,LTD.

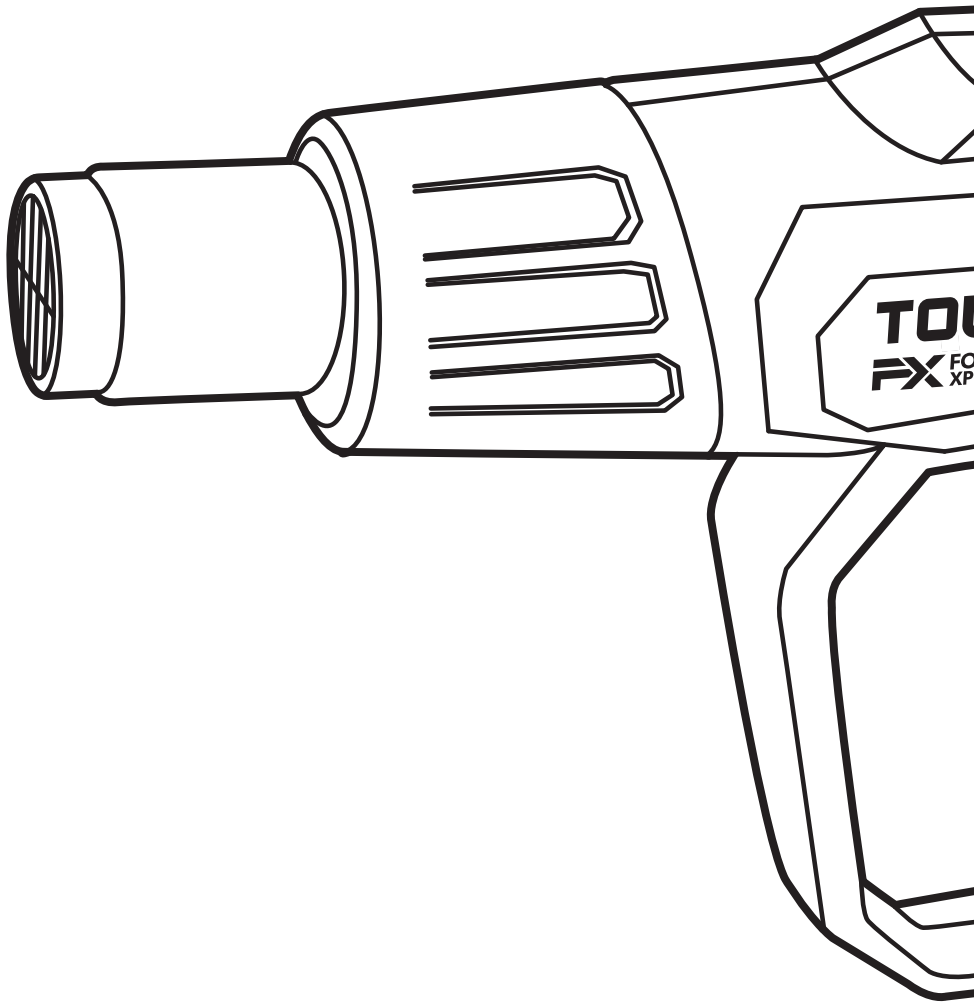
198 HUASHAN ROAD, ZHANGJIAGANG,

JIANGSU, CHINA

ZHANG XING YU

Group Quality Director

on:26/05/2020



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