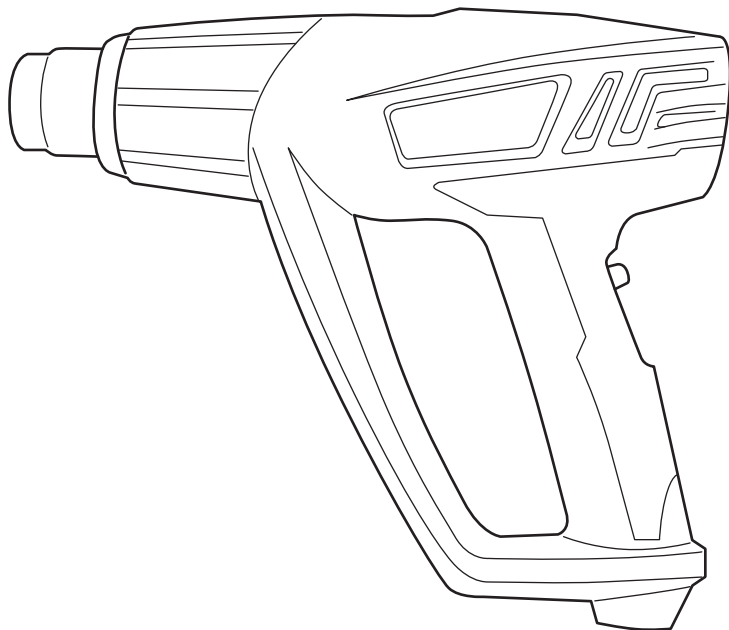


# TITAN®



**24** **month**  
Manufacturer's  
Warranty

## **SAFETY AND OPERATING MANUAL**

Original instructions

**HEAT GUN 2000W**

**TTB284HTG**

# TITAN®

**Congratulations on your purchase of a TITAN power tool from Titan Power Tools (UK) Ltd. We want you to continue getting the best performance from it so this handbook includes information on safety, handling and care. Please retain this handbook in case you need to refer to any of the information in the future.**

**Your TITAN power tool comes with a 24-month guarantee, so should it develop a fault within this period contact your retailer.**

## **GUARANTEE**

This **TITAN** product carries a guarantee of 24 months. If your product develops a fault within this period, you should, in the first instance contact the retailer where the item was purchased.

This guarantee specifically excludes losses caused due to:

- Fair wear and tear
- Misuse or abuse
- Lack of routine maintenance
- Failure of consumable items (such as batteries)
- Accidental damage
- Cosmetic damage
- Failure to follow manufacturer's guidelines
- Loss of use of the goods

This guarantee does not affect your statutory rights. This guarantee is only valid in the UK.

For any enquiries relating to the guarantee please refer to your retailer.

## **SAFETY INSTRUCTIONS FOR YOUR HEAT GUN**

- 1.** Before connecting the unit to the mains ensure the unit is switch OFF as it will achieve maximum heat in just a few seconds.
- 2.** Always wear protective gloves and eyewear because the heat from the product can reach 600°C
- 3.** A fire may result if the appliance is not used with care, therefore:
  - Be careful when using the appliance in places where there are combustible materials or gases. Extreme caution must be taken to prevent fire or explosion.
  - Do not apply to the same place for a long time
  - Do not use in presence of an explosive atmosphere
  - Be aware that heat may be conducted to combustible materials that are out of sight
  - Place the appliance on its stand after use and allow it to cool down before storage
  - Do not leave the appliance unattended when it is switched on.
  - Thoroughly clean the work area after use and dispose of all paint debris safely.
- 4.** Never attempt to use the appliance to dry animals, clothing or hair.
- 5.** Never use this appliance as hair dryer.
- 6.** The appliance is not to be stored or left outdoors.
- 7.** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- 8.** Children should be supervised to ensure that they do not play with the appliance.
- 9.** This product is designed for light domestic use only, it is not designed for industrial purposes and every care has been taken to make the heat gun safe, accidents can happen. By following the simple safety guide, you can avoid serious accidents.
- 10.** Only use in well ventilated areas, if there is smoke or fumes created the user must take care to prevent inhalation of these fumes.
- 11.** Do not block the cool air inlet.



**WARNING!** Take special care when removing lead-based painted surfaces, including the following:

- Only use in well ventilated areas.
- All persons entering the work area must wear a mask specially designed for protection against lead paint dust and fumes.
- Children and pregnant women must not enter the work area.
- Do not eat, drink or smoke in the work area.

### **Double insulation:**

The tool is double insulated. This means that all the external metal parts are electrically insulated from the mains power supply. This is done by placing insulation barriers between the electrical and mechanical components making it unnecessary for the tool to be earthed.

### **Important note:**

Be sure the supply is the same as the voltage given on the rating plate. The tool is fitted with a two-core cable and plug.

Remove the mains plug from socket before carrying out any adjustment or servicing.

**HEAT GUN 2000W**

**TTB284HTG**

## SYMBOLS



Warning



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.



Wear dust mask



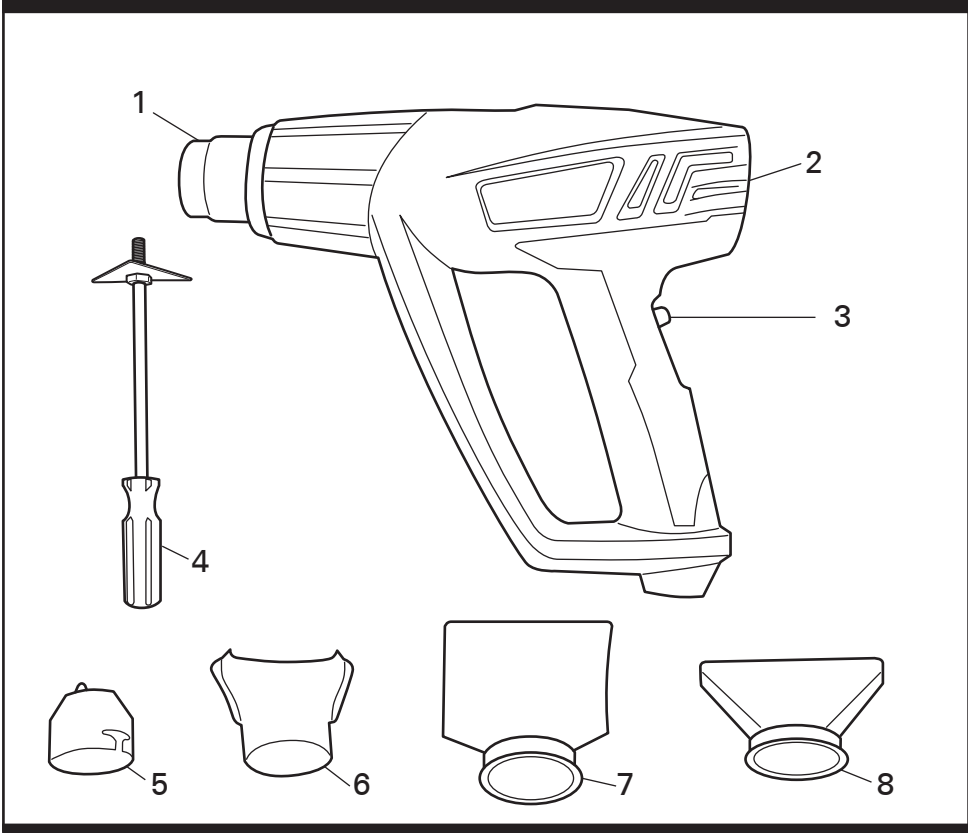
Double insulation



Always read the operator's manual



Conformity to CE directive



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**1 Heat outlet**

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**2 Cool air inlet**

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**3 Three settings power switch**

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**4 Scraper**

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**5 Concentrator nozzle**

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**6 Flat nozzle**

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**7 Hook nozzle**

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**8 Glass protection nozzle**

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**HEAT GUN 2000W**

**TTB284HTG**

## TECHNICAL DATA

Voltage:	230-240V~ 50Hz
Input power:	2000W
Temperature/Airflow:	
1	50°C 350 l/min
2	450°C 450 l/min
3	600°C 550 l/min
Protection class:	II
Machine weight:	0.8kg

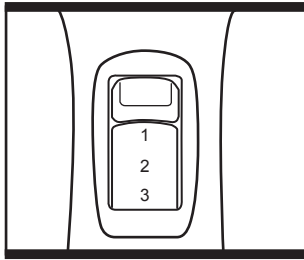
## ACCESSORIES

**Scraper**

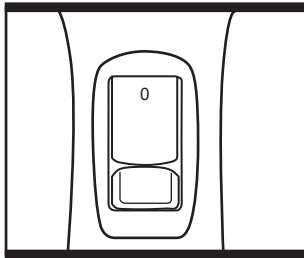
**1pc**

**Nozzles**

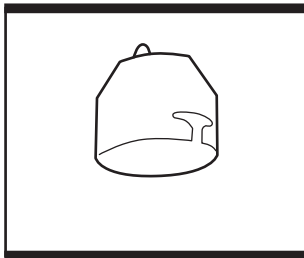
**4pcs**



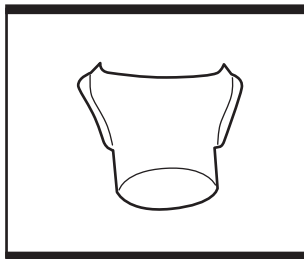
**Fig. 1**



**Fig. 2**



**Fig. 3**



**Fig. 4**

## OPERATIONS INSTRUCTIONS



**Note:** Before using the tool, read the instruction book carefully.

### INTENDED USE

This heat gun is designed for light domestic use like removing paint, defrosting frozen pipes, welding plastic etc. This tool is intended for DIY home use, or occasional professional use but it is not designed for industrial purpose use and it should not be used as a hair dryer.

### 1. HEAT SETTINGS

The heat gun has three settings (Fig. 1):

SWITCH SETTING	USE	EXAMPLE
1-Low	Initial warming of product or cooling after high temperature work	Drying or heat shrinking of plastics
2-Medium	mid range heating	Bending plastic/ heat shrinking
3-High	highest temperature	Paint Stripping/ defrosting pipes/ welding plastics

To switch off, simply slide down the power switch to position 0 ("O" is shown, Fig. 2).

### 2. Nozzles & Scraper



**WARNING.** Always ensure that the heat gun is switched off and unplugged from the power supply and allowed to cool down before changing nozzles.

The heat gun can be used with 4 different shaped nozzles that can be used as follows:

#### 1) Concentrator nozzle (Fig. 3)

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

## 2) Flat nozzle (Fig. 4)

This nozzle directs a long narrow heat pattern to the work piece, 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.

## 3) Glass protection nozzle (Fig. 5)


This nozzle deflects the heat away from glass or other fragile areas and back onto the workpiece. The nozzle helps deflect the heated air away from glass and onto the work piece. The nozzle will not totally prevent the glass from being heated.

## 4) Hook nozzle (Fig. 6)

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.

## 5) Scraper (Fig. 7)

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 scraper is ideal for stripping paint from flat wooden surface and edges. Remember to clean the blade after use with lightly oil before storing.

 **Warning:** The blade will become hot in use so do not place on any surface that will be damaged by heat and only store when cool.

## 3. OPERATION

Before starting the job it is advisable to test the workpiece for the ideal temperature to use. The table gives an indication of the likely heat settings required but always start with the low heat setting. The distance between the nozzle and the workpiece will vary according to the material being worked on, but this should always be at least 50mm (2inch) or more on medium or high heat setting. All applications, with the exception of removing paint from the window frames, can be performed without using a nozzle, however for best results nozzles are recommended.

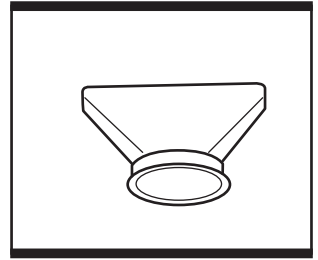


Fig. 5

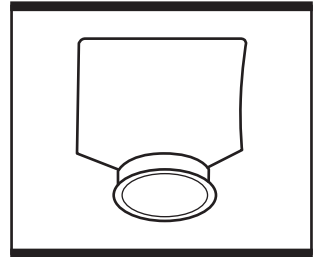


Fig. 6

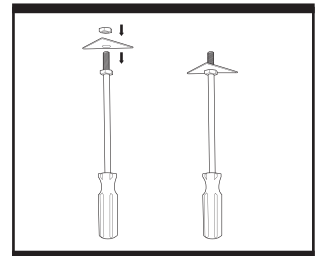


Fig. 7



### **1) Removing paint**

Choose the required nozzle and securely fit onto the heat outlet. Ensure that the area being worked in has good air flow and ventilation to the outside air. Select the scraper or shave hook required.

Hold the gun with the nozzle approximately 50mm (2inch) from the surface of the paintwork and start with the medium heat setting. Move it slowly backwards and forwards until the paint blisters and bubbles.

Immediately remove the paint with the scraper or shave hook.

Aim to heat the paint just ahead of the scraper so that you can develop a continuous action.

Do not heat the paint for too long, as this will burn the paint making it difficult to remove.

Overheating can also cause noxious and potentially poisonous fumes.

### **2) Removing paint from window frames**

Always use the glass protection nozzle.

Ensure you have the nozzle facing the correct way to deflect the heated air away from the glass before you switch on.

Rotate the gun as you move to horizontal or vertical bead. Allow nozzle to cool before attempting to turn it. Paint can be removed from profile surfaces by using a shave hook and/or a soft wire brush.



**WARNING:** Double glazed panels can have the air seal broken if heat is applied to the edge seal.

### **3) Defrosting frozen pipes**

Choose the Hook nozzle and securely fit over the heat outlet. Always heat from one or other end of the frozen portion, not from the middle.



**WARNING:** Do not attempt to defrost PVC pipes. Always check that it is a water pipe and not a gas pipe. Do not heat a gas pipe.

#### **4) Shrink seating electrical cables**

Choose the Hook nozzle and securely fit over heat outlet. Select a heat-shrinkable sleeve with a diameter matching that of the workpiece. Evenly heat the sleeve.

#### **5) Welding plastics**

Choose the Concentrator or Deflector nozzle and securely fit over heat outlet. The materials being welded together must be of exactly the same type of plastic. The areas being welded must be clean and grease-free. Heat the seam until the plastic becomes tacky, then apply the other surface. Hold both edges securely in position until the plastic has fully cooled for best results.



**WARNING:** Plastic can very quickly change from being tacky into becoming liquid. Beware of burns from hot plastic. Do not remove molten plastic from a burn. Run under cold water and seek medical advice.

### **SAFETY CUT - OUT**

The heat gun has a safety thermal cutout. If the heating element becomes too hot the heating element will be switched off until it has cooled. Keep the product switched on and reduce heat setting to 1 and allow 2-3 minutes before switching back to full heat.

### **MAINTENANCE**



**WARNING:** Always ensure that the heat gun is switched off and unplugged from the power supply and allowed to cool down before cleaning or storage.

**Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.**

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust. Occasionally you may see sparks through the ventilation slots. This is normal.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

## ENVIRONMENTAL PROTECTION



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice. For further information visit [www.recyclenmore.co.uk](http://www.recyclenmore.co.uk)

## UK PLUG REPLACEMENT

The fuse in the main plug of your power tool should always be replaced with one of identical rating.

Check the voltage given on your power tool matches the supply voltage.

The power tool is supplied with a fitted plug, however if you should need to fit a new plug follows the instruction below.

### IMPORTANT

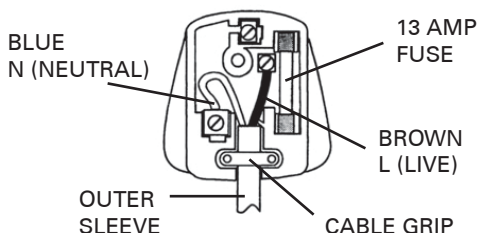
The wire in the mains lead are coloured in accordance with the following code:

**Blue ---Neutral**

**Brown ---Live**

The wire that is coloured **blue** must be connected to the terminal that is marked with the letter **N**. The wire that is coloured **brown** must be connected to the terminal that is marked with the letter **L**.

A 13AMP (BS1363 or BS1363/A) plug must be used and a 13 AMP fuse must be fitted.



# TITAN®

## Declaration of Conformity

We, Importer  
**Titan Power Tools (UK) Ltd**  
**Trade house, Mead Avenue, BA22 8RT**

Declare that the product:  
**Designation: HEAT GUN 2000W**  
**Model: TTB284HTG**

Complies with the following Directives:

**2004/108/EC** Electromagnetic Compatibility Directive

**2006/95/EC** Low Voltage Directive

**2002/95/EC** Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment

**2002/96/EC** and **2003/108/EC** Waste Electrical and Electronic Equipment (WEEE)

Standards and technical specifications referred to:

**EN 60335-1: 2002+A1: 2004+A11: 2004 +A12: 2006+A2: 2006+A13: 2008**

**EN 60335-2-45: 2002+ A1: 2008**

**EN62233:2008**

**EN 55014-1: 2006+A1: 2009**

**EN 55014-2:1997+A1: 2001+A2: 2008**

**EN 61000-3-2: 2006**

**EN 61000-3-3: 2008**

### Authorised Signatory and technical file holder

Date: 07/07/2010

Signature: \_\_\_\_\_

Name / title: Peter Harries / Quality Manager

Titan Power Tools (UK)Ltd. Trade House , Mead Avenue ,BA22 8RT

