



QUALITY GAS TORCHES  
AND SOLDERING IRONS

# User Manual

HDWBK

# WOOD BURNING KIT



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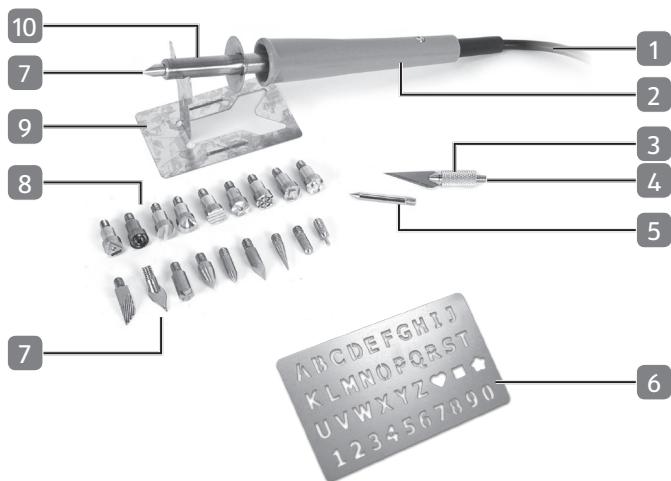
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## Pack contents / parts list

1. Cable with mains plug
2. Handle
3. Knife
4. Collet for knife tool
5. Soldering tip
6. Template
7. 10 x Wood burning bits
8. 9 x Wood burning stamps
9. Stand
10. Wood burner



# Introduction


## Reading and storing the user manual

These operating instructions form an integral part of this Wood Burning Kit (hereafter referred to only as the burner). They contain important instructions on safety, use and disposal of the burner. Please familiarise yourself with all operating and safety instructions before using the burner. Only use the burner as described and for the stated purpose. If the burner is passed on to a third party, please provide all documents to the third party together with the burner. Keep the operating instructions safe for the future reference.


## Explanation of symbols

The following symbols and signal words are used in this user manual, on the product or on the packaging.

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 <b>WARNING!</b>	Indicates a hazardous situation that, if not avoided, could result in death or serious injury.
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 <b>CAUTION!</b>	Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.
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Products labelled with this symbol meet all applicable provisions of the European Economic Area.



Read the user manual.

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# Safety

## Scope of use

This burner is exclusively designed for private use and for hobby and DIY projects for the following purposes:

- decoration of wood and leather
- cutting and melting plastics
- soldering

It must be used in accordance with the instructions and safety warnings contained in this manual and may not be used for any other purpose. It is designed for DIY use only and is not suitable for commercial or heavy duty use, such use may damage your appliance and invalidate your warranty. Neither the manufacturer nor the retailer can accept any responsibility for injury, loss or damage caused by misuse of this burner of any kind. Examples of misuse are given in the following non-exhaustive list:

- Use of the burner for any other than its intended purpose
- Non-observance of the safety warnings and instructions as well as the assembly, operating, cleaning and maintenance instructions contained in this manual
- Non-observance of any applicable health, safety and accident prevention regulations concerning the use of this burner
- Use of accessories or spare parts that are not suitable for the burner
- Use of the burner in modified form
- Commercial or otherwise excessive use

Anyone who operates or services the burner must be familiar with these instructions and must be aware of possible dangers. This burner may only be used by a competent person – in case of doubt seek training or advice from an expert.

Non-observance of the safety, assembly and operating instructions while operating the burner counts as misuse. Any applicable health and safety regulations must be followed. Any other applicable local and national legislation must also be followed. The burner may not be modified as modifications may cause damage or injury.

Only accessories that are suitable for this product may be used. Non-observance of the safety, assembly and operating instructions while operating the products counts as misuse. Any applicable health and safety regulations must be followed. Any other applicable local and national legislation must also be followed. The product may not be modified as modifications may cause damage or injury.

## General safety instructions



### **WARNING!**

**Read all safety warnings and all instructions.** *Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

**Save all warnings and instructions for future reference.**

*The term "burner" in the warnings refers to your wood burning kit.*

- **Allow the burner to cool down completely after use before you put it away. WARNING! The burner must be placed on its stand when not in use.**
- **Do not use the burner if the handle, the mains cable or the mains plug are damaged. Never open the burner's housing!**
- **Do not expose the burner to moisture or rain.**
- **We recommend that you work in the vicinity of the mains socket so that you can quickly pull the plug from the socket in the event of an emergency.**
- **Make sure that the tip is correctly fitted before heating the burner. The tip must be screwed in as far as it will go and tightened by hand.**
- **Never heat up the burner without a tip/stamp fitted.**



- **The insert may only be removed or changed when it is cold and when the burner is off.**
- **Do not touch the hot burner tip, melted solder or hot components while soldering: risk of burns! The stand can become hot when the burner is placed on it. Danger of burns!**
- **Only use the burner in well ventilated rooms. Toxic fumes can be produced when soldering or when melting plastics, which can lead to damage to the mucous membranes and/or chronic respiratory illness.**
- **Additionally, we recommend that you wear eye protection, respiratory protection, protective gloves and protective clothing.**
- **Solder can contain lead. Do not eat, drink or smoke while soldering. Always wash your hands thoroughly after finishing work.**
- **Always disconnect the appliance from the mains after finishing work!**
- **Do not cool the burner by rinsing it with water!**
- **Avoid prolonged contact between the wood burning tip and the workpiece when working with flammable materials. Danger of fire!**

## Before using the burner

### Checking the burner and pack contents

- Take the burner out of the packaging.
- Check that the kit is complete (see section: “List of contents and features”)
- Check whether the burner or any of its individual parts are damaged.
- If this is the case, do not use the burner. Contact the manufacturer at the service address specified on the warranty card.

### Changing the accessories

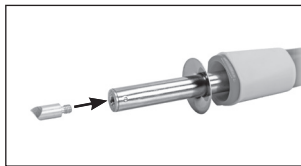


**Allow the burner to cool down completely before changing the tip.**

**Some tips are very sharp. Always wear gloves and/or use pliers when changing tips.**

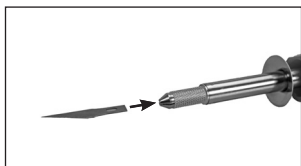
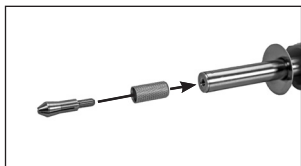
### Changing the bits/stamps

- Unscrew the existing tip to remove it from the tip holder.
- Screw the new tip firmly into the threaded tip holder. Do not overtighten.



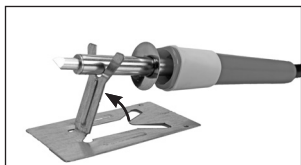
## Mounting the knife tool

- Screw the knife tool collet **4** into the threaded tip holder as shown.
- Loosen the collet and insert the knife **3** as shown.
- Tighten the collet by turning it clockwise.



## Assembling the stand

- Place the stand **9** on a flat-level surface and open as shown.
- Place the burner **10** on the stand as shown when not in use.



## Mains voltage

Ensure that the local mains voltage agrees with the information on the appliance rating label. The burner is designed for use with single phase alternating current 230-240 V AC / 50 Hz and must be properly earthed.

## Using the burner



### **WARNING!**

**Disconnect the burner from the mains after use.**

## Switching ON / OFF

- Connect the burner to the mains. The burner is ON as soon as it is connected to the mains.
- Disconnect the burner from the mains to turn it off.
- Allow the burner to cool down after finishing the job. Do not cool by rinsing under water.
- The tip may only be removed from the burner when the burner is disconnected from the mains. Never use force to remove the tip. Screw replacement tips as far as they will go into the tip holder.

## Wood burning

- Place the burner **10** on the stand **9** and allow it to heat up for approximately 2 minutes before use.
- Firstly, make a sketch of the desired pattern on your workpiece with a pencil or alternatively apply the template **6** to the workpiece.
- Types of wood with smooth surfaces are particularly suitable for marking.
- When marking wood with a rough surface, be aware that it can be difficult to guide the tip along the line required. In this case the surface should be sanded first.

- A wide variety of patterns can be created with the wood burning bits **7** and stamps **8** supplied.
- A sooty deposit can build up on the bit or the stamp during use. Use fine sandpaper to remove the deposits and to keep the tips clean. A clean tip is essential for precise and accurate work.
- Unplug from the mains after use.

## Soldering

- Before soldering the tip **5** has to be tinned. Heat up a new or a soldering tip that has been cleaned and coat it by making contact with the solder wire (not supplied).
- Before starting work on a particular workpiece and/or type of material, check for suitability by testing the burner on a similar piece of (scrap) material.
- Clean the parts you wish to join before starting to solder.
- Touch the edge of the flux-cored solder wire on to the very end of the tip to melt the solder wire. The workpiece is coated with the flux, which flows out of the solder wire, allowing the solder to join the metal.
- If the burner is used for longer periods we recommend that you clean the tip occasionally and re-tin the tip if necessary. Use a desoldering braid (not supplied) to clean the joint, to de-solder and to remove excess solder from the joint. Cover the excess solder with the de-soldering braid and heat up the tip. The melting solder is soaked up by the de-soldering braid.
- Unplug from the mains after use.

## Using the knife tool



### **CAUTION!**

**Some tips are very sharp. Always wear gloves and/or use pliers when changing tips.**

**When melting plastics, toxic fumes can be produced. Do not inhale the fumes!**

- Allow the knife tool to warm up sufficiently before beginning work.
- Carry out a trial cut on a piece of scrap material before starting your planned job.
- Guide the knife tool in the required direction of cut. The speed of cut is dependent on the type and the thickness of the material and on the working temperature.
- Clean the knife tool after finishing work while it is still warm.

## Maintenance, cleaning, storage and transport



### **WARNING!**

**Disconnect the burner from the mains and allow it to cool down before carrying out any maintenance or adjustments.**

## Maintenance

The burner requires very little maintenance, however soot can form on the bits/stamps after some time. Remove with fine sandpaper to ensure accurate and controlled work.

## Cleaning



### **WARNING!**

**Never immerse the burner in water or other liquids.**

Clean the burner using a soft, damp cloth. Do not use aggressive cleaning agents, solvents or petroleum spirit.

## Storage

We recommend using the original packaging for storage or covering the burner with a suitable cloth or enclosure to protect it against dust. Always store the burner in a place that is inaccessible to children. The ideal storage temperature is between 10 °C and 30 °C.

## Transport

Protect the burner against knocks and vibrations during transport.

# Technical specifications

## **Wood Burning Set**

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Model No.	HDWBK
Rated voltage:	230 – 240 V ~ / 50 Hz
Power input:	30 W

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