

## PRODUCT MANUAL

### 30 W WOOD BURNING KIT

30 PC  
PART NO: 10000608

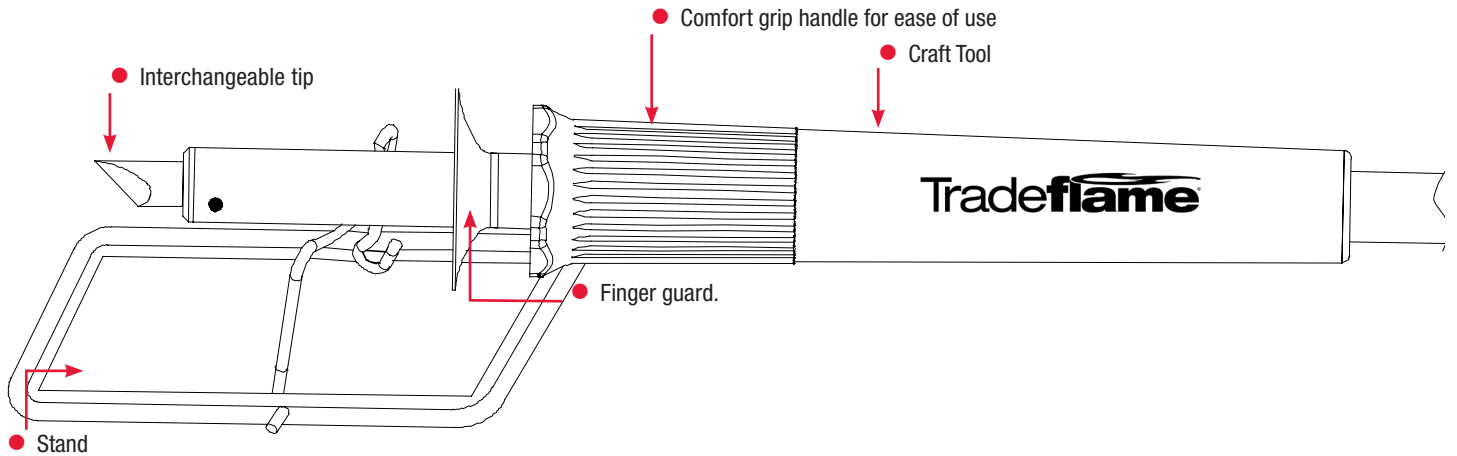
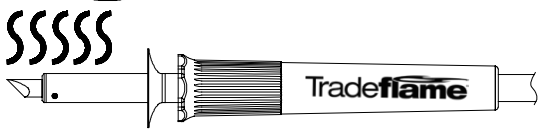
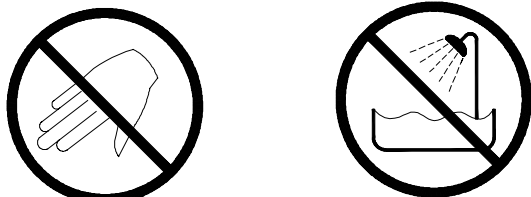
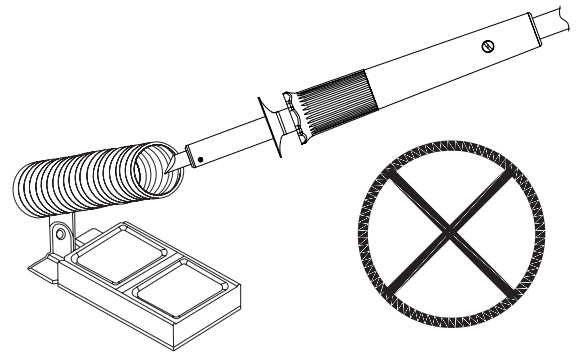
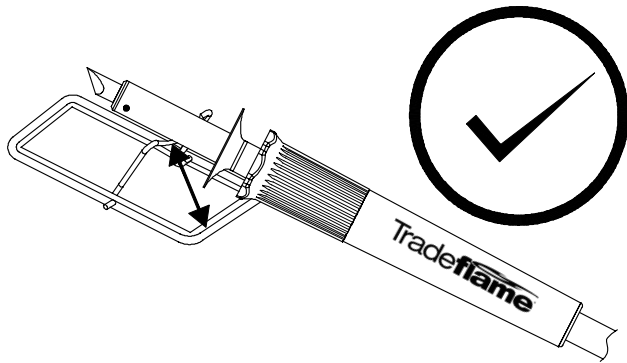
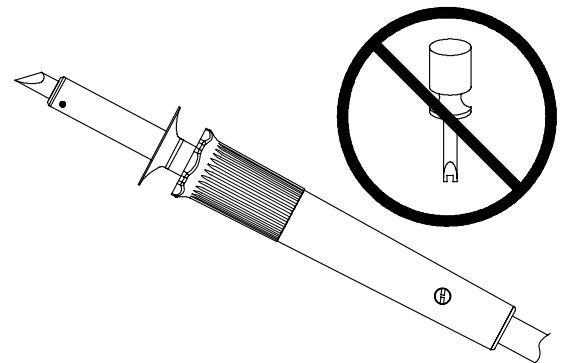


Fig. 1

ALL ILLUSTRATIONS ARE A REPRESENTATION ONLY



WARNING - hot tip when in use, do not touch, keep Craft Tool clean and away from oils and lubricants. Do not immerse Soldering Iron in water



## SAFETY WARNINGS

Your Tradeflame Craft Tools is a very safe tool and complies with all the relevant safety regulations in Australia. Nevertheless, like all electrical appliances, it must be handled with care. **Read all safety warnings, instructions, illustrations and specifications provided with this Tradeflame Craft Tool.** Failure to follow all instructions listed below may result in electric shock, and/or serious injury. Never forget that the tip and heater can reach high temperatures. Follow these simple safety rules at all times. Keep Tradeflame Craft Tool out of reach of children. This is not a toy and not intended for use by children 12 years old or younger without adult supervision. Keep your Craft Tool well away from all flammable material. To avoid burns, always assume that the tip is hot. Be sure the hot soldering tip and heater does not come into contact with the electric power cord. Before making any adjustment (removing or replacing a tip, etc.) make sure the Craft Tool is unplugged / switched off and cool. Do not dip the Craft Tool into any liquid. Always work in a well-ventilated area. After use, unplug/switch off the Craft Tool, allow the tip to cool, and store in a safe place. Safety goggles are recommended for preventing hot materials from injuring eyes. Save all warnings and instructions for future reference. The term "Craft Tool" in the warnings refers to your mains-operated (corded) Craft Tools or battery-operated (cordless) Craft Tools.

## WORK AREA SAFETY

- Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- Do not operate Craft Tool around explosive liquids, gases or dust.
- **This is not a toy and not intended for use by children 12 years old or younger without adult supervision.**

## ELECTRICAL SAFETY

- Indoor use. Do not expose Craft Tool to rain or wet conditions. Water entering a Craft Tool will increase the risk of electric shock

## PERSONAL SAFETY

- Stay alert, watch what you are doing and use common sense when operating a Craft Tool. Do not use a Craft Tool while you are tired/distracted or under the influence. A moment of inattention while operating a Craft Tool may result in serious personal injury.
- Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source, picking up or carrying the Craft Tool.**
- Do not overreach. Keep proper footing and balance at all times. This enables better control of the Craft Tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- Do not let familiarity gained from frequent use of the Craft Tools allow you to become complacent and ignore Craft Tool safety principles. A careless action can cause severe injury within a fraction of a second.

## MAINTENANCE/SERVICING

Serviceable components: N/A

Servicing instructions: N/A

## USE AND CARE

- Do not force the Craft Tool. Use the correct Craft Tool for your application. The correct Craft Tool will do the job better and safer at the rate for which it was designed.
- Disconnect the plug from the power source and/or turn off the battery, from the Craft Tool before making any adjustments, changing accessories, or storing Craft Tool. Such preventive safety measures reduce the risk of starting the Craft Tool accidentally.
- Store idle Craft Tool **out of the reach of children** and do not allow persons unfamiliar with the Craft Tool or these instructions to operate the Craft Tool. Craft Tool are dangerous in the hands of untrained users.
- Maintain Craft Tool and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the Craft Tool's operation.
- Use the Craft Tool, accessories and Craft Tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the Craft Tool for operations different from those intended could result in a hazardous situation.
- Keep handles and grasping surfaces dry, clean and free from oil and grease. Slippery handles and grasping surfaces do not allow for safe handling and control of the Craft Tool in unexpected situations.
- Do not expose a Craft Tool to fire or excessive temperature. Exposure to fire or temperature above 130°C (265°F) may cause explosion.
- Do not attempt to use the Craft Tool on materials likely to melt (plastic, synthetics or imitation leather)

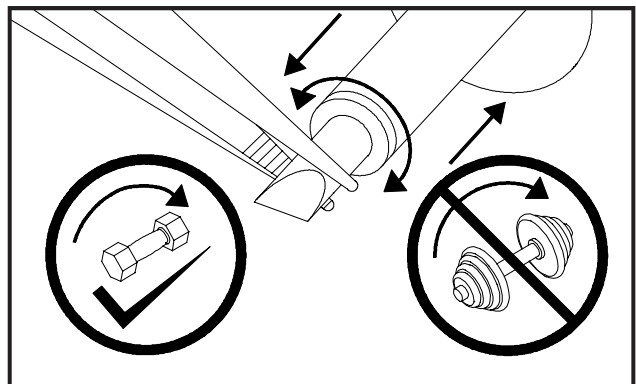
## SPECIFIC SAFETY RULES FOR CRAFT TOOLS

- Contact with a hot tip could ignite flammable materials. Contact with a hot tip could ignite a fire.
- While in use do not stand or store Craft Tool on its side. Craft Tool could tip resulting in contact between hot tip and flammable materials. Always set/store Craft Tool on stand provided
- Do not place Craft Tool in coil stand.
- Keep hands clear of the tip serious burns can occur if skin contacts tip
- Work in well ventilated areas, as Craft Tool can produce fumes and smoke.
- Use personal protective equipment when using
- This Craft Tool 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.
- To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your Craft Tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products etc., can cause a short circuit.
- To reduce the risk of injury, always wear safety goggles or glasses with side shields. Keep hands and fingers behind finger guard. Serious burns could occur if skin contacts a hot tip.)

## CHANGING THE TIP

Ensure the tip is cool and Craft Tool is switched off and unplugged from mains current before touching the tip as serious burns could occur to skin if touched.

1. Unscrew the tip in a clockwise direction with a pair needle nose pliers with smooth jaws
2. Use needle nose pliers to remove the tip and replace
3. Tighten tip securely with needle nose pliers - making sure not to over tighten



## GETTING THE MOST FROM YOUR TRADEFLAME CRAFT KIT

### Tips, Tricks, and Techniques for Better Results

The best way to get started is to familiarize yourself with the Craft Tool, the various tips and the patterns they create. **Do not attempt to use the Craft Tool on materials likely to melt (plastic, synthetics or imitation leather)**

- Wood burning Tradeflame Craft Kit 10000608: Test tips by writing your name on the back of the chosen piece of wood. This allows you to get a feel for how the wood will respond and to get your creative juices and technique flowing.

### GETTING STARTED

Set up a safe work area. You can tape the stand to a piece of ceramic tile - Make sure the tile is heavy enough to keep the Craft Tool stand from tipping over while it protects the work surface. You will also need a fireproof container like a glass dish or metal lid to hold your various tips while they are cooling. You will need a pair of needle nose pliers with smooth jaws to remove the hot tips from the iron. Remember that metal conducts heat very quickly. **Never attempt to change a hot tip with your fingers.**

The best way to get started is to familiarize yourself with the Craft Tool, the various tips and the patterns they create.

### TIPS AND THEIR USES

Your new Tradeflame Craft Kit comes with a wide variety of burning, cutting, branding, and specialty tips depending on which kit you have purchased. To get the most from your kit, follow these instructions to create the results you want.

1. Script tip - for writing script and for burning grooves of various depths. Move slowly across your work to make deeper grooves.
2. Universal tip - a multi-purpose tip. Hold the tip at various angles for creating lines of varying widths. Performs all fundamental wood burning techniques.
3. Dot tip - for making dots of various sizes and depths. Using this tip, make light touches to your surface for fine dots. Hold the tip on the surface for longer periods of time to create deep holes.
4. Calligraphy tip - This tip mimics the shape of a calligraphy pen. Do not allow the iron to rotate in your hand as you trace calligraphy letters.
5. Stencil tip - Use this tip to cut craft pattern stencils into stencil materials.
6. Shading tip - this tip is tapered so that you can use it in several positions to create light and dark shading. The polished base slides smoothly and is great for general shading. Also can be used to transfer patterns. Edges can be used for thinner imprecise lines. The toe can be used for burning fatter imprecise lines. The inverted tip can be used for stippling.
7. Blade Tip - use this specialty tip to cut foam, rope, or other soft rigid materials
8. Transfer tip - use this specialty tip to transfer designs from laser print paper to your wooden boards
9. Stamp tips - Apply these various tips vertically on your project surface.
  - When changing tips, for safety, always turn OFF the tool first and let tip cool down before changing tips.
  - Screwing and unscrewing the tip when hot may easily damage the screw-threads, or break the tips.
  - Keep your tips clean for good performance and long life. Carbon may build up on the tip surface as you work, especially if you're working with a sappy wood such as pine. Clean the tip with a damp sponge or Tradeflame's Brass Tip Cleaning brass wire (part number: 218167). after use – do not file tip.

### PRACTICE

1. Plug in your Craft Tool and allow it about three minutes to heat up.
2. Hold the Craft Tool like a pencil. **Do not touch any of the metal parts, as they are hot.**
3. Start by writing your name. Practice pulling the point toward you instead of pushing it away. Never use excess force or pressure to draw. Let the heated tip do its work.
4. You can vary the appearance of the pattern by the amount of time you leave the tip on the surface and by the pressure applied to the tip.
5. The longer the tip stays on the surface the deeper and darker the pattern will appear.
6. The brown shading is affected by the speed of the tip across the surface.
7. The smoother the surface of the material, the clearer and finer the design will appear.
8. After you have practiced a while, make a sample board as a reminder of patterns you can create using different tips and techniques.
9. This will make it fun and easy to complete a new project with an interesting display of "pyrography techniques".

## DESIGNS

You can adapt a variety of designs from almost any media. From colouring books to garden manuals just about every item has been captured as line art or a simple sketch. Once you have become familiar with the iron and the patterns, you can create using the various tips, it will be easier for you to create your own designs. Use a copy machine to reduce and enlarge designs to suit your project

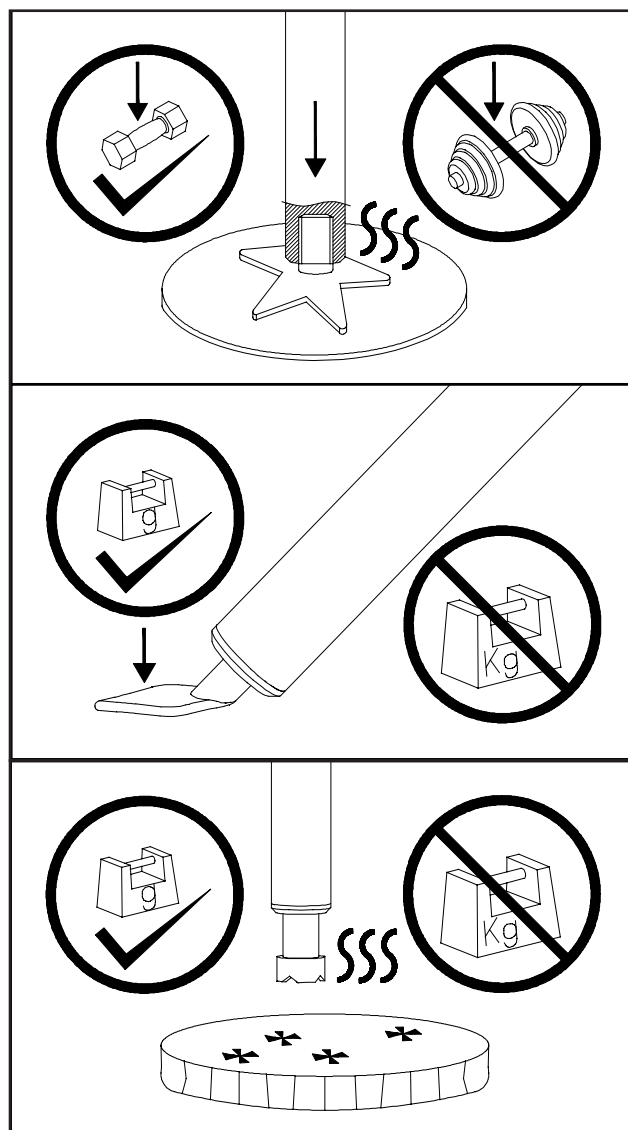
### TRANSFERRING DESIGNS

#### Using the transfer tip

- To use laser printout, take picture using digital camera, then flip the image to form a mirror image in the computer, then print.
- Choose the Transfer Tip and craft tool. Place your pattern on the surface and secure with masking tape across the top of the wood surface, and gently rub the Transfer Tip on the paper in a circular motion.
- Due to heat, toner from the printout will be marked on wood.
- You can use sandpaper as eraser to correct any mistakes.

#### Using the Tracing paper (not included)

- Place your pattern on the surface and secure with masking tape across the top.
- Lift the pattern and place carbon paper directly on the surface.
- Lightly trace the design using a pencil.
- Double check your design before removing the pattern to make sure you have transferred the entire pattern.



## SURFACES

A wide variety of surfaces are suitable for pyrography. Hardwoods such as beech, sycamore, birch and hornbeam are most popular. Most craft stores carry a good selection of these varieties. Birch plywood works well and is available at home improvement centres. You can also make your own tabletops and furniture using plywood and decorate it with your new skills. Smooth grained and light coloured woods work best. Stay away from dark, coarse grained hardwoods. Pines are not suitable because they have too much sap causing it to burn and mar your patterns. Cork, leather, some papers, and even wax candles make great design surfaces. Check your craft store and woodworking shops for suitable surfaces. Experiment! This is a hobby. That means you can just do it because it's fun.

## SAFETY TIP:

Caution should be taken when working with certain hardwoods such as, English pressure treated or tropical woods. Avoid using very thin plywood or veneer because they contain adhesives that emit dangerous fumes when heated. Wear protective masks.

## ADDING COLOUR TO YOUR DESIGNS

Colour can add an extra element of excitement to your new project. The tips have provided great texture. Now it's time to add a finishing touch, once the pyrography is complete but before you varnish try some of these materials. Be sure to clean the surface first with a light rub of alcohol to remove fingerprints and grease.

Suggested colouring and finishing supplies:

- Varnish
- Acrylic paint thinned with water
- Coloured glazing gels
- Watercolours
- Caulks
- Wood stains and finishes
- Shoe polish
- Shoe dyes for a deep rich shade
- Paintbrushes with soft bristle
- Sponges for applying varnish
- Soft cloth


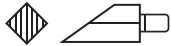






## FINE GRIT SANDPAPER

Add a little water to your medium to keep it thin. Thick paint will cover up your pattern work. A foam plate makes a great pallet because there's no clean up and paints don't bleed into the surface. Test your colours and your technique on scrap materials if possible. If not, select the least visible location. Colour can be added to the designs as well as the background or both.







## APPLYING VARNISH

Two to three coats of satin or gloss varnish will protect your work of art. Use a soft cloth or sponge rather than a brush, which might leave hairs and brush strokes behind. Follow manufacturer instructions regarding application, safety and drying times.

## WOOD BURNING TIPS

Script Tip	
Universal Tip	
Dot Tip	
Calligraphy Tip	
Stencil Tip	
Shading Tip	
Blade Tip	
Transfer Tip	

## STAMP TIPS

OK Sign Tip	
Victory Tip	
Thumbs Up Tip	
Flower Tip	
Star Tip	
Heart Tip	

## 30 W WOOD BURNING KIT

30 PC

PART NO: 10000608

### FEATURES

- Comfort grip handle for ease of use
- Compact and lightweight
- 7 Classic wood burning tips
- 1 Transfer tip
- 6 Unique stamping tips
- Heats up in 3 minutes

### SPECIFICATIONS

- **Power source:** 240V
- **Output:** 30 W
- **Heat time:** 3 Minutes
- **Cable length:** 1.3 m

### CONTENTS

- Wood burning iron
- Metal tray & stand
- 8 Tips:
  - T-05 Script tip
  - T-01 Universal tip
  - T-04 Dot tip
  - T-06 Calligraphy tip
  - T-03 Stencil tip
  - T-08 Shading tip
  - H-01 Blade
  - I-01 Transfer tip
- 6 Stamp tips:
  - OK sign tip
  - Victory tip
  - Thumbs up tip
  - Flower tip
  - Star tip
  - Heart tip
- 2 x Wooden Boards 146 mm x 114 mm
- 8 x Metal frame corners
- 2 x Frame stands
- 1 x Sandpaper
- Guidebook

Trade**flame**

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