

SAFETY TIPS & OPERATING INSTRUCTIONS FOR YOUR NOVA TOOL BRANDING IRON

Gas Fired Branding Iron

Please Read Entirely Before Using

WARNING! This product contains chemicals know to the State of California to cause cancer and birth defects or other reproductive harm.

SAFETY TIPS

1. **BE CAREFUL!** This tool is meant to be used hot. Treat it with the same respect that any hot tool deserves. **All metal parts get HOT!**
2. **Wear Proper Safety Equipment!** Face shield, long pants, leather apron, leather welding gloves, high top leather shoes!
3. **Keep out of reach of children. DO NOT immerse in water.**
4. Use in a well-ventilated area, cleared of all flammable materials.
5. **Be sure that everyone** using the branding iron understands the proper use and operation of it.
6. **DO NOT LEAVE THE BRANDER UNATTENDED WITH THE FLAME ON!!!**

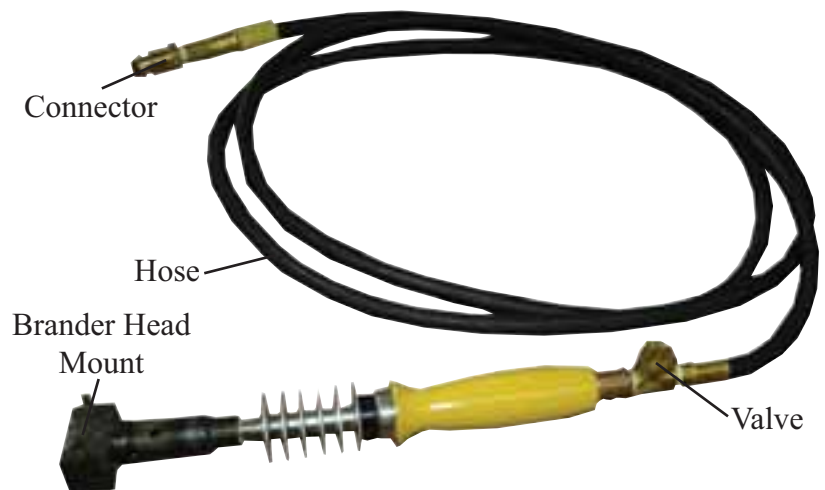
OPERATING INSTRUCTIONS

1. Connect the hose to an approved propane tank.
2. The branding head should be mounted on the brander body lighting the torch,
3. Make sure the brander valve is closed then open the valve on the propane tank.
4. For lighting, we recommend using a long wooden match or a long butane lighter such as those used for lighting bar-b-que grills. Open the brander valve slightly and hold the flame of the match in between the branding head and the brander body. **KEEP THE HOSE AWAY FROM THE FLAME AND THE HOT METAL PARTS AT ALL TIMES! KEEP THE FLAME AND THE BRANDER AWAY FROM THE TANK AT ALL TIMES!**
5. Keep the flame low for about 10 minutes until the body and head begin to warm up. Then open the brander valve a little more until the head is hot enough to brand. When it is hot enough close the valve slightly to reduce the flame to a level that will just keep the head hot enough to brand continuously. **DO NOT OPEN THE VALVE TOO FAR, THE FLAME MAY GO OUT. IF THIS HAPPENS TURN OFF THE VALVE IMMEDIATELY AND RELIGHT.**

If you have any questions
or concerns about your new
branding iron please feel
free to give us a call at

Mann Lake Ltd.
800-866-7694

www.mannlakeltd.com



Heating time vary depending on the size of the head. We recommend starting with about 10 minutes. If the mark isn't dark enough or deep enough, add 1 minute. If it's too dark, reduce the flame let it cool slightly.

TO BRAND:

Touch the heated head to the material you are branding. It will take approximately 1-5 seconds to make a brand. To brand a round object (such as a tool handle) touch the top edge of the image of the object, then rotate the branding iron until the bottom of the image contacts the surface. Practice on a scrap piece of the material that you want to brand, in order to become familiar with the branding process.

Hard woods burn slower than softwoods and require more heat. Leather is much softer and burns quicker than wood, so you can gauge the branding time somewhat by the material you are branding.

CARE OF YOUR BRANDING IRON:

The image on your branding iron **MUST NOT BE STRUCK WITH OR AGAINST ANY OBJECT!** This is especially important when the branding iron is hot, but it must be protected in storage as well as in use. **DO NOT** use a wire brush to clean your branding iron. Generally, cleaning is not necessary or recommended, but if you must clean it, use only a plain bristle brush (e.g. a toothbrush) with the iron at room temperature.

You May Also Consider.....



GPS Hive Locator:

Perfect for monitoring your bee yard. The hive locator can alert you by cell phone if your hives are moved or damaged.



We offer:

- Assembled Boxes.
- Assembled Painted Boxes.
- Assembled Treated Boxes.
- Unassembled Boxes.



Pallet Straps & Tie Downs:

We have a variety of different straps to tie down your hives. Making them secure when traveling.

