



Three models of branding tools are offered that provide branding temperatures from 700°F up to 1255°F depending on the size and type of the branding head used.

All three models are professional quality units and are identical in construction, except for the difference in wattage of the heating elements. All branding heads fit each of the three basic branding tool models. However, because each of the three models uses a different heating element, the resultant branding temperature will vary for any head size.

Applications

Model WB200

200 Watts, 120 or 220 VAC

Use the Model WB200 where lower branding temperatures are required. Depending on the branding head size, temperatures of 700°F to 920°F are possible for continuous low-volume branding of many softer materials such as leather, some rubber, plastics, and soft woods. Although a good basic branding tool, it is not recommended for fast and repetitive production line applications as the tool's heat regenerating capability is limited for such uses (see WB300 and WB400).

Model WB300

300 Watts, 120 or 220 VAC

With branding head temperatures that are 150°F to 200°F hotter than the WB200, this model performs well in the middle temperature ranges. Harder woods and many rubber products can be branded easily. When using smaller head sizes, this tool is sufficiently hot and can be used for repetitive branding situations where 8 to 12 impressions per minute are needed. Although the tool is capable of continuous branding using larger head sizes, it does not have the capability to sustain rapid, repetitive branding (see WB400).

Model WB400

400 Watts, 120 or 226 VAC

This model performs in the higher temperature ranges for most head sizes. It is ideal for branding most materials including harder woods and rubber. The WB400 provides branding temperatures from 925°F up to 1255°F depending on head size. With few exceptions, this tool can be comfortably used for sustained branding applications requiring up to 18 impressions per minute using smaller head sizes, and 12 to 14 impressions for larger head sizes. For semi-automated branding see Drill Press units.

Performance Features

- Cartridge type heating element is an effective, durable heat source.
- Heater insulator sleeve increases heat utilization for better branding.
- Interchangeable branding heads fit all three models for better user flexibility.
- Cast bronze branding heads are durable and provide good heat transfer
- Heavy-duty construction as each tool is built for rugged use and dependable performance.
- 3-wire grounded cordset protects against electric shock.
- Positive grip heat resistant handle is for user comfort and ease of handling.
- Integral tool stand provides safe, convenient rest for tool.

Tool Specifications

Voltage	120 or 220 VAC
Power Cord	3-conductor, 4.5 feet long
Heater Housing	Bronze
Heater Shroud	Plated Steel
Heater Insulator	Ceramic Fibre
Shaft	Stainless Steel
Handle	Turned Hardwood
Heating Element	Cartridge Type
Weight of Tool	18 oz. without head
Length of Tool	13" including head



Drill Press (DP) Models

Designed for a production line environment, DP units are ideal tools for semi-automated branding operations. These high performance tools offer a very economical solution for repetitive branding. DP branding modules readily fit and adapt to most existing drill presses accepting 1/2" shanks. And, for tool flexibility, they are easily removed when the drill press is needed for other uses. For a tool so productive and versatile, the initial cost is modest. Three self-contained DP models that accept interchangeable branding heads are offered (Drill Press not included).

Model No.	Wattage	Voltage
WB20ODP	200 watts	120 or 220 VAC
WB30ODP	300 watts	120 or 220 VAC
WB40ODP	400 watts	120 or 220 VAC

A DP unit consists of the following components:

1. Rigid 1/2" diameter steel shank
2. Spring mounted, dual-disc isolating shaft assembly
3. Performance rated heating element in a heat containment shroud
4. Interchangeable branding heads - 15 sizes & types available
5. Grounded plug with 18" insulated cordset

Benefits of the Dual-Disc Isolating Shaft Assembly

1. This assembly protects the drill press by preventing the branding tool's heat from rising into the chuck and bearings of the drill press, heat which would otherwise prematurely dry out the lubricating oils in the drill press. The dual-disc provides a shield against convection currents and a barrier that prevents heat transfer through the shaft.
2. It allows for adjusting the level of the branding head to match that of the surface being branded. Thus, brands are better and more uniform.

Easy Installation

DP units are easily and quickly installed. Just insert the unit into the chuck and plug it into a grounded power outlet.

Tool Specifications

Voltage	120 or 220 VAC
Power Cord	3-conductor, insulated 1.5 feet long
Heating Element	Cartridge in Bronze housing
Heater Shroud	Plated Steel
Heater Insulator	Ceramic Fibre
Shaft	Plated Steel
Dual Discs	8 ³ / ₄ " overall incl. head
Length	8" from chuck incl. head

Temperature Regulator Model WBTR-3 120 VAC only

An optional feature, the WBTR-3 is an effective, economical heat control unit that allows more flexibility in the use of the branding tool. By adjusting the tool's temperature, a more uniform brand is possible. Overbranding or risk of damage is minimized. WBTR-3, with a female plug, is a separate accessory. This unit plugs directly into the power supply and has a 9 ft. cordset.



WBTR-3 features include a full range rotary control

- Positive ON-OFF switch
- Heat dispersion protection (prevents damage to WBTR3)
- Radio-TV interference filter
- Fire retardant, chemical & heat resistant thermoplastic case
- 3-wire grounded unit.

Branding heads are cast of solid bronze for good heat retention and long life. Although many options are offered, there are two basic styles of branding heads, LOGO brand and CUSTOM brand.

Each LOGO brand engraved to order, reproduces the customer's stylized artwork through a three-step process. CUSTOM brands use only upper case Gothic style letters and numerals to present a message.

LOGO brand



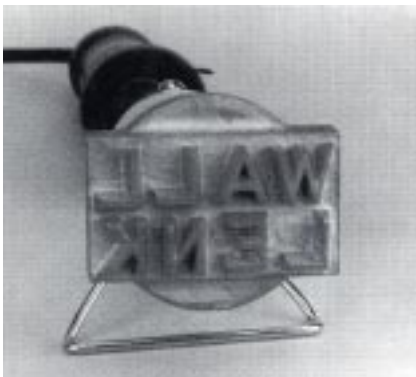
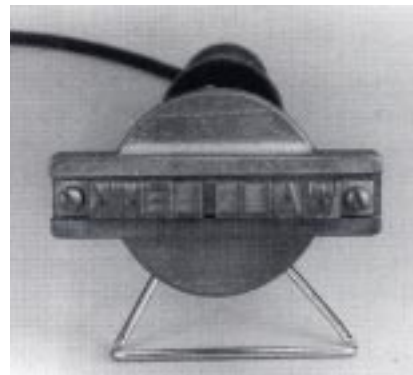
A LOGO brand authentically reproduces a logo, signature, emblem or other personalized artwork to scale. It is made from customer supplied artwork and can be reproduced to fit on a standard size branding head.

LOGO brands are engraved on cast bronze heads. Engraving depth varies depending on the complexity of the design. All LOGO brands are reproduced, and are reduced in size when necessary, to fit on a standard head size.

- A LOGO brand exactly duplicates the artwork supplied. For best results, sharp and clearly defined artwork is essential. Always submit good reproductions or original artwork in as large a size as possible.
- Select a standard branding head size that best suits the items to be branded. However, logos that are intricate and detailed should be reproduced as large as possible so that the details of the design will brand clearly.

CUSTOM brands

A CUSTOM brand, using upper case Gothic letters and numerals, can be one of two types, Fixed Letters or Removable Letters. Letters are either engraved or cast depending on the letter size wanted.



Fixed Letters

Permanently cast or engraved in the branding head, letter sizes offered are $\frac{1}{8}$ " , $\frac{3}{16}$ " , $\frac{1}{4}$ " , $\frac{3}{8}$ " , $\frac{1}{2}$ " , $\frac{3}{4}$ " and 1 inch high. Sizes can be intermixed on a head in some cases.

Removable Letters

Letters fit into a slot(s) in the branding head and can be interchanged. Heads with one or two slots are available. Letter sizes offered are $\frac{3}{16}$ " , $\frac{1}{4}$ " , $\frac{3}{8}$ " , $\frac{1}{2}$ " , $\frac{3}{4}$ " , and 1 inch high. Some sizes can be intermixed on a head. Screw held End Locks hold letters securely in slot.

Removable Letter Fonts

When messages require frequent changing, having a font of letters available at the worksite provides complete, time-saving flexibility. Messages can be easily removed and replaced in a matter of minutes.

Three type sizes are being offered: $\frac{3}{16}$ " , $\frac{1}{4}$ " , and $\frac{3}{8}$ " . Packed in a compartmentalized storage box, each font consists of: 72 letters, 30 numerals, plus 13 end locks, word spacers, punctuations and ampersand. All letters are upper case Gothic style.