

# Tregarne WOODWELDER

## TECHNICAL SPECIFICATIONS

<b>Weight</b>	150 lbs
<b>Dimensions</b>	26 × 17 × 17 in
<b>Supply</b>	240 volt / 60hz (standard 13-amp 3-pin plug)
<b>Generator frequency</b>	Nominal 27.2 Mhz
<b>Curing speed</b>	3 – 15 seconds per weld
<b>Penetration</b>	2 inches effective
<b>Output</b>	0.5 – 0.6 amps at 2400 volts (internal HT) on load
<b>Finish</b>	Hardwearing powder coated finish
<b>Electrical Safety</b>	Cabinet and fittings are fully grounded. Cutout switch isolates main power if rear access panel is removed. 10 amp panel-mounted fuse for protection.
<b>Hand gun specification</b>	Lightweight, easy to use hand gun. Incorporates on/off trigger, thumb-operated fine tuning control and R.F. power indicator meter. Supplied with 2 sets of electrodes.
<b>Servicing &amp; maintenance</b>	A comprehensive range of spares are available from Gibbs Group North America and can usually be delivered next day. Repairs can be carried out within 1 – 2 days.
<b>Warranty</b>	All new machines are covered by a standard 12-month warranty from the date of purchase.

### Tregarne

The Tregarne Woodwelder, manufactured in England, has been used in the woodworking industry for over 30 years. A true workhorse, the woodwelder speeds up the drying time of water-based glue, which shortens production times and reduces costs for manufacturers.



### GIBBS GROUP NORTH AMERICA

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 **WORKS IN SECONDS**

 **SAVES PRODUCTION TIME**

 **REDUCES COSTS**

# SPEED DRYING TO SHORTEN PRODUCTION TIME AND REDUCE MANUFACTURING COSTS

The Tregarne Woodwelder saves valuable dry time, which in turn shortens production times and reduces costs for manufacturers. This welder has been used in the woodworking industry for over 30 years and is an invaluable asset for every shop.

## ***Here's how it works:***

The R.F. generator produces radio waves, via a pair of triode valves. The R.F. is then modified to 27 megahertz and passed down the coaxial cable to the hand gun.

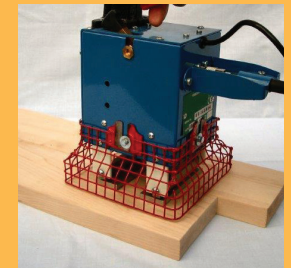
The electrodes on the hand gun are placed over the glue line and when the trigger on the hand gun is activated the radio waves pass into the glue line.

The radio waves vibrate the water molecules in the glue, this vibration causes heat and the heat sets off the glue, all within 5 seconds.

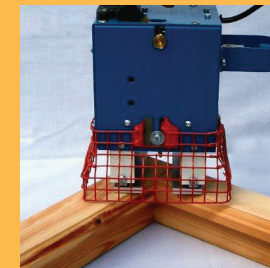
- Tough construction of all components
- Adjustable power lever on hand gun
- Timer for adjustable cure length with elapsed time buzzer
- Easily visible power needle
- Guard for electrodes
- Spare set of electrodes
- Starter pack of glue
- Support for hand gun



DOOR ASSEMBLY



LAMINATING/EDGE JOINING



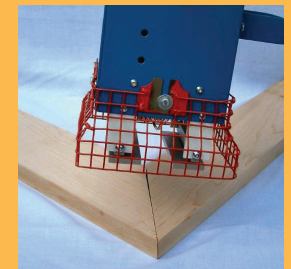
JOINERY ASSEMBLY



INSIDE SEAMS



LIPPING APPLICATION



MITER FRAMING



FRAMES ASSEMBLY



FURNITURE ASSEMBLY