

Tregarne **Woodwelder**

Weld Glue Joints in Seconds

Improve Production

Improve Quality

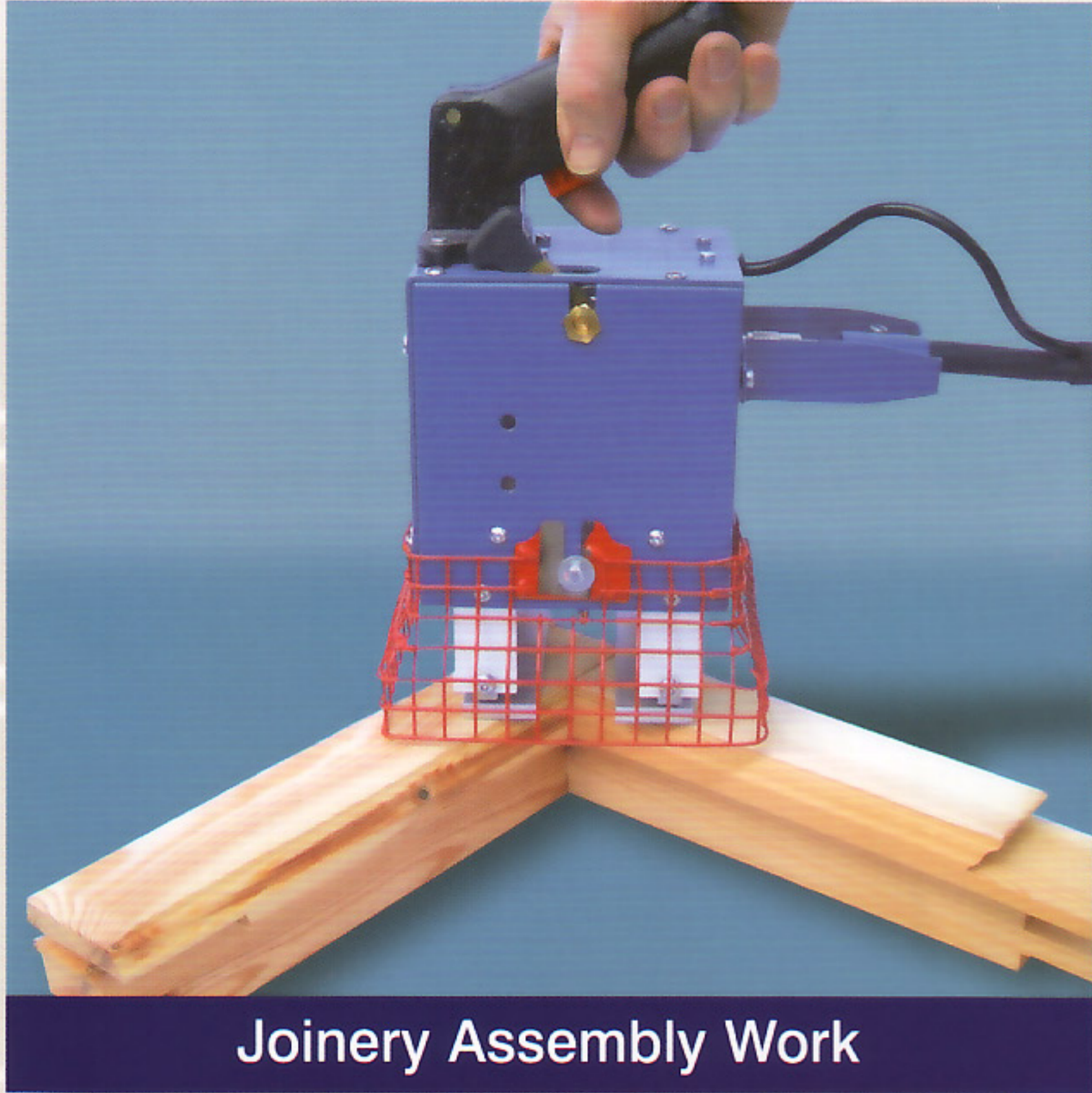
Less Work in Progress

Machine Workpiece Immediately

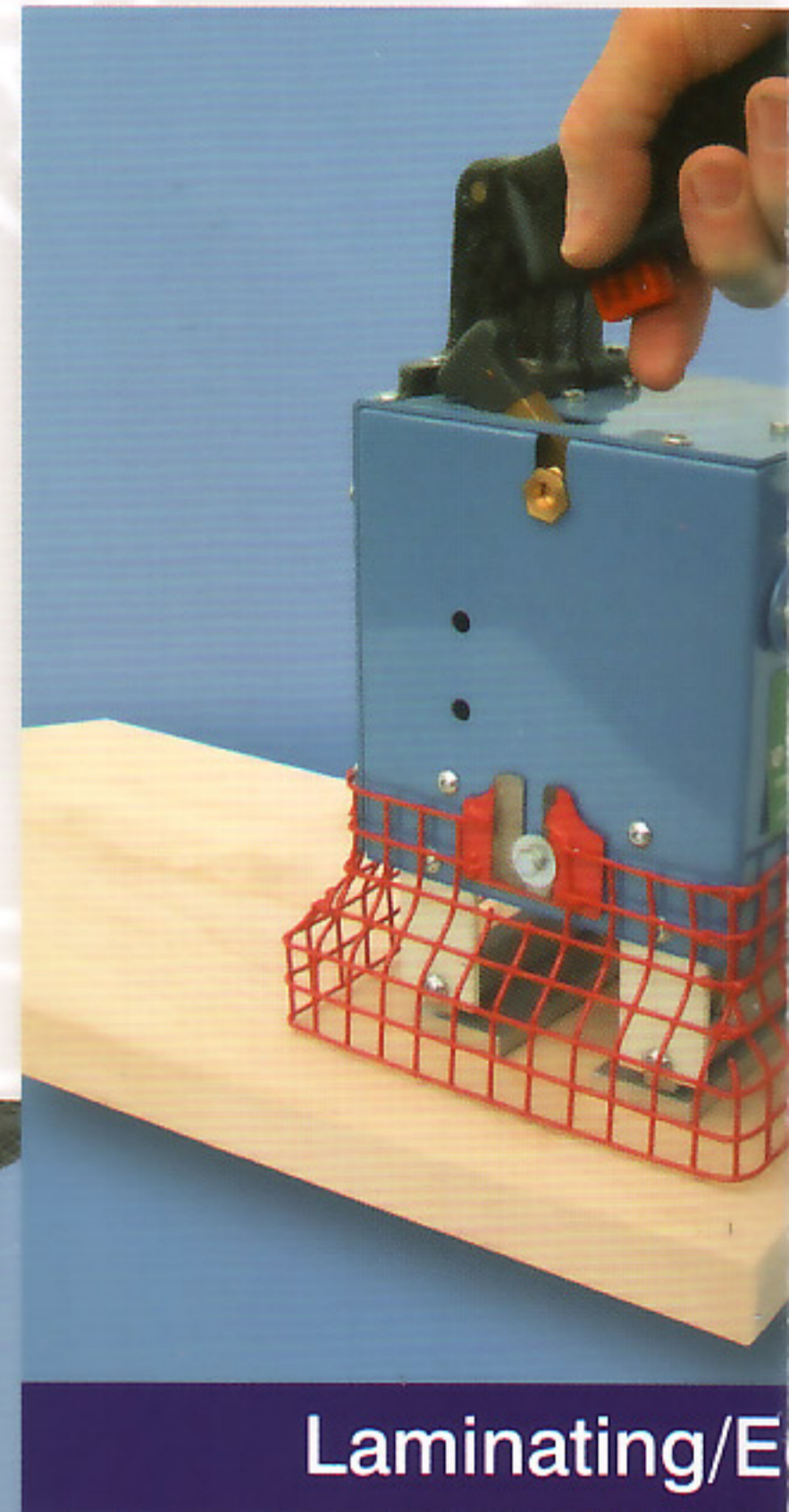


Cures glue in seconds

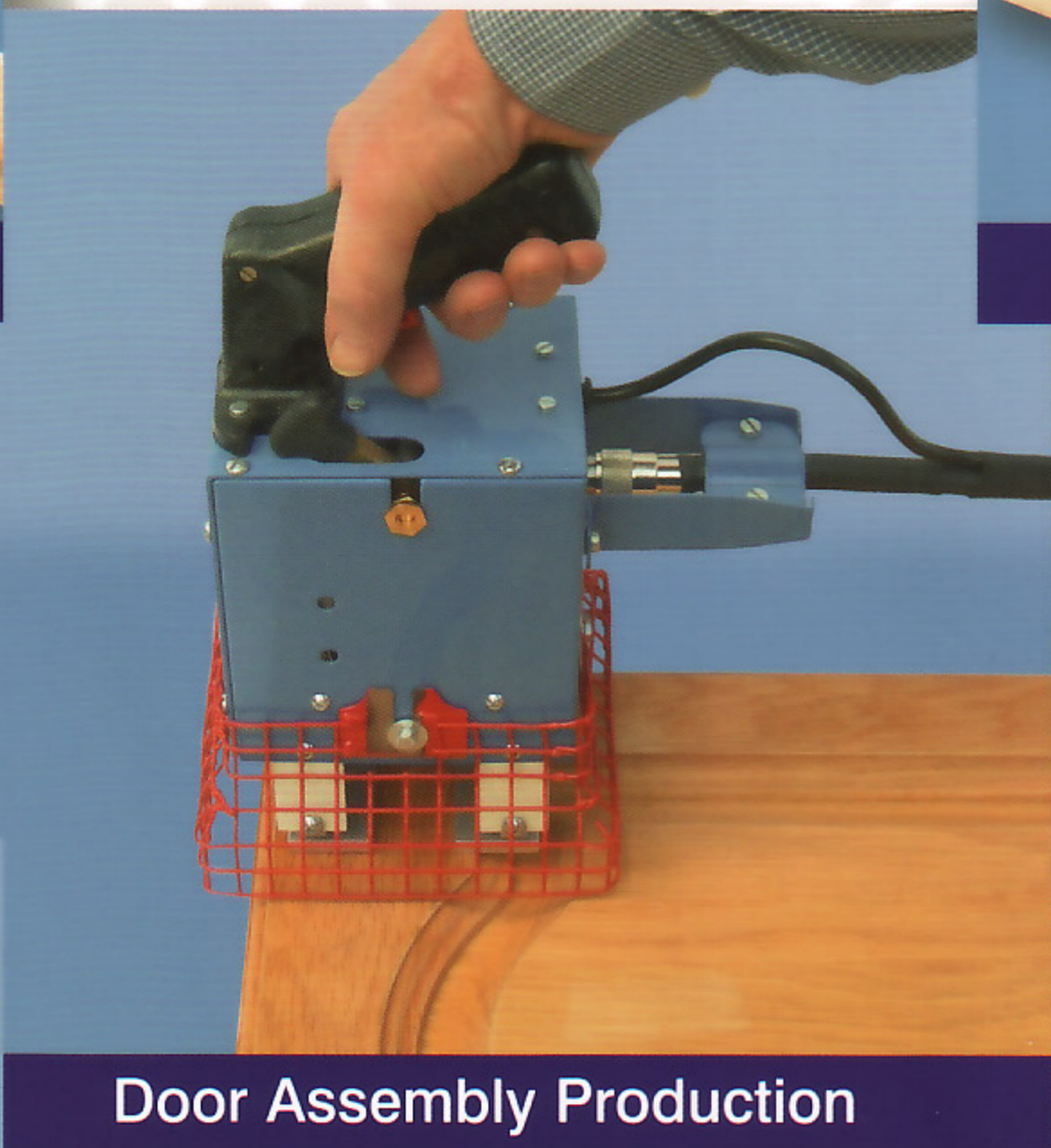
Tregarne Woodwelder



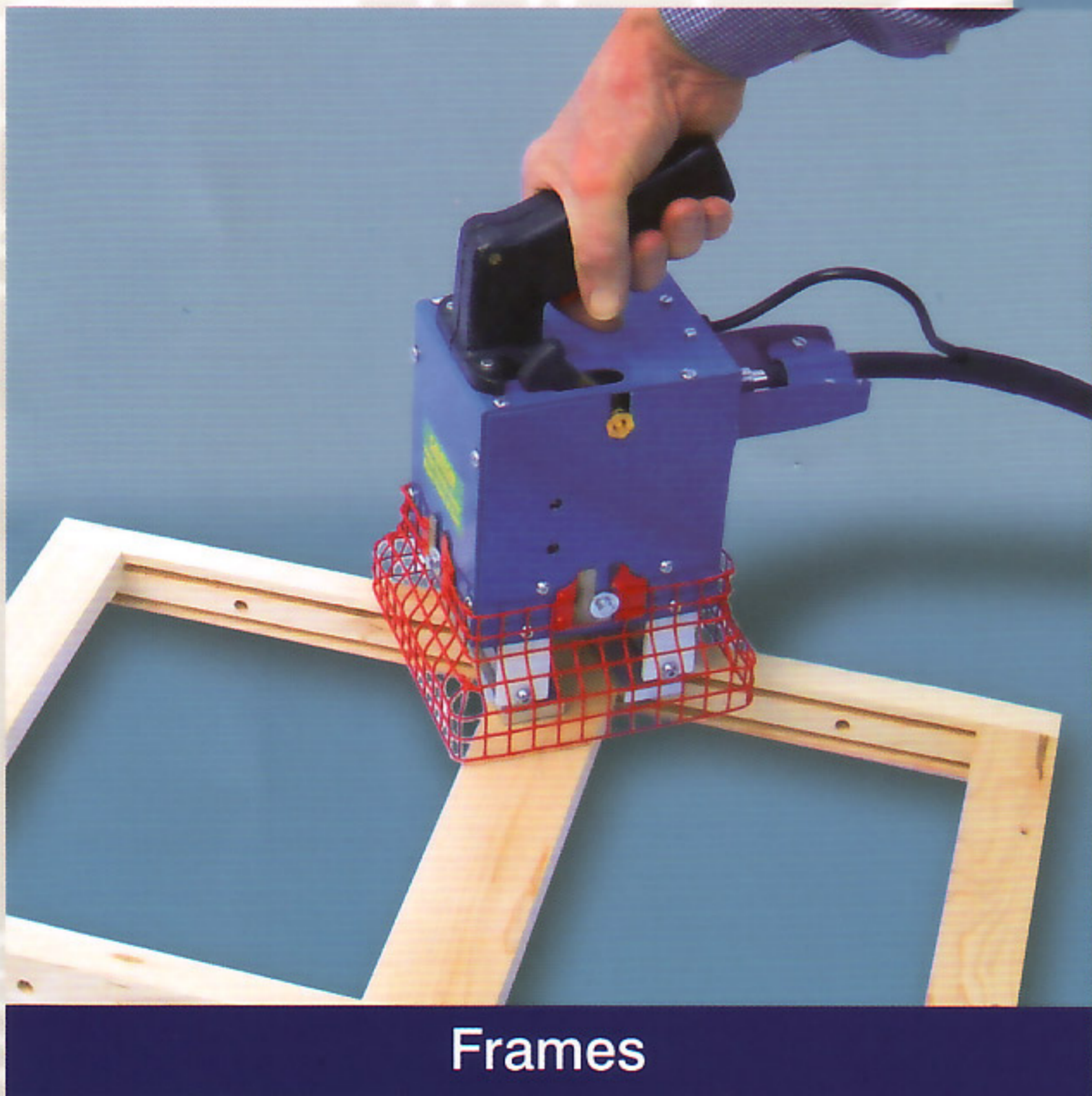
Joinery Assembly Work



Laminating/E



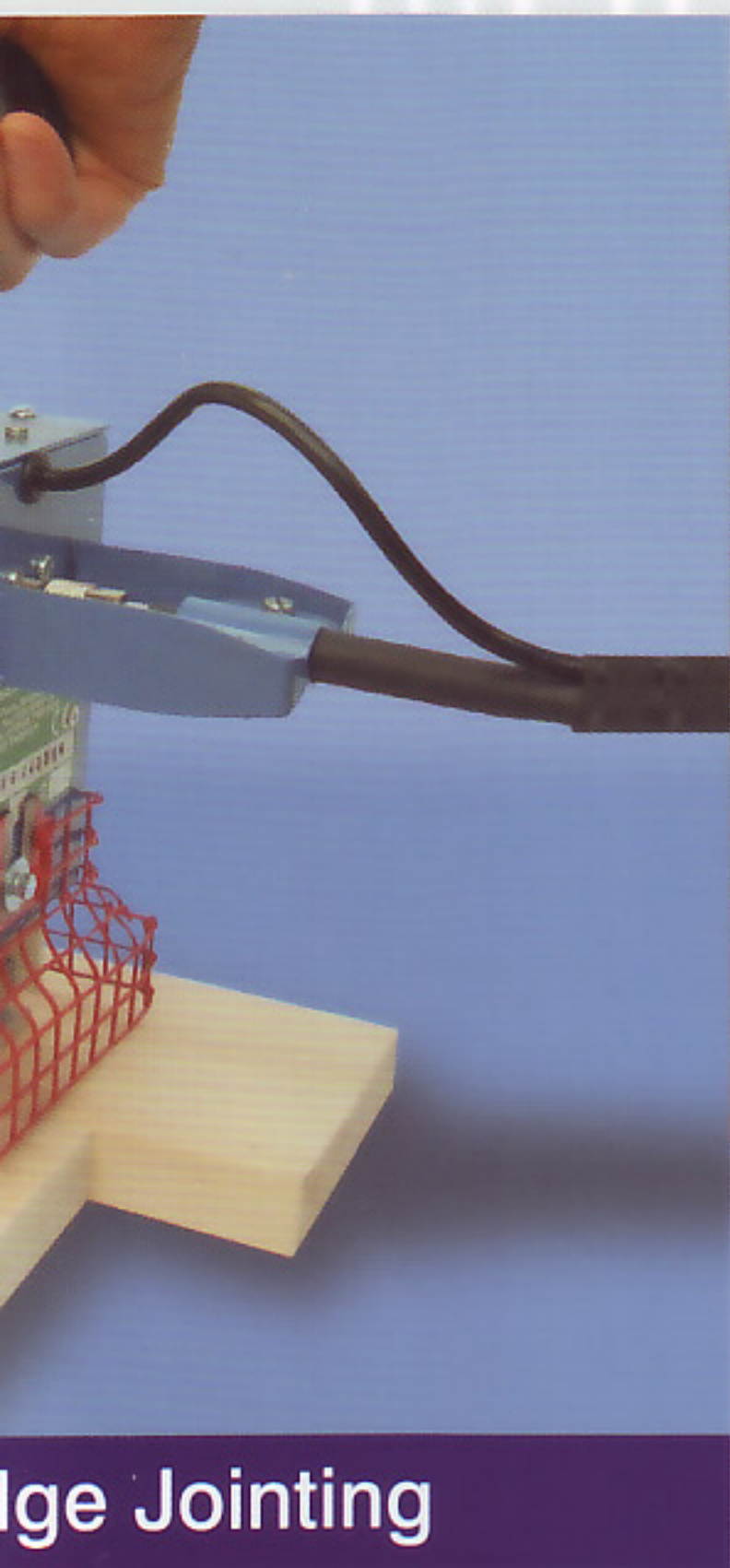
Door Assembly Production



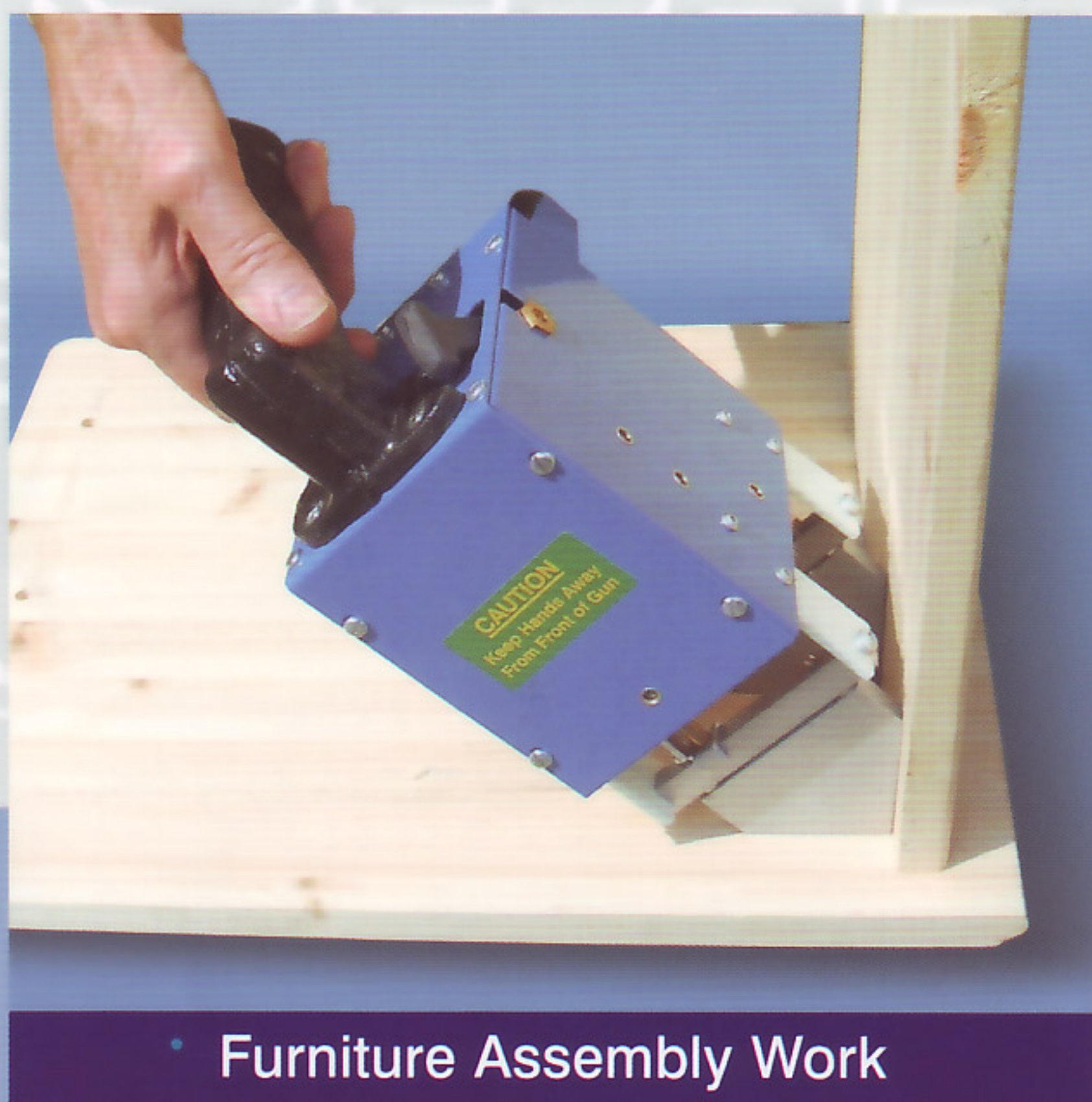
Frames



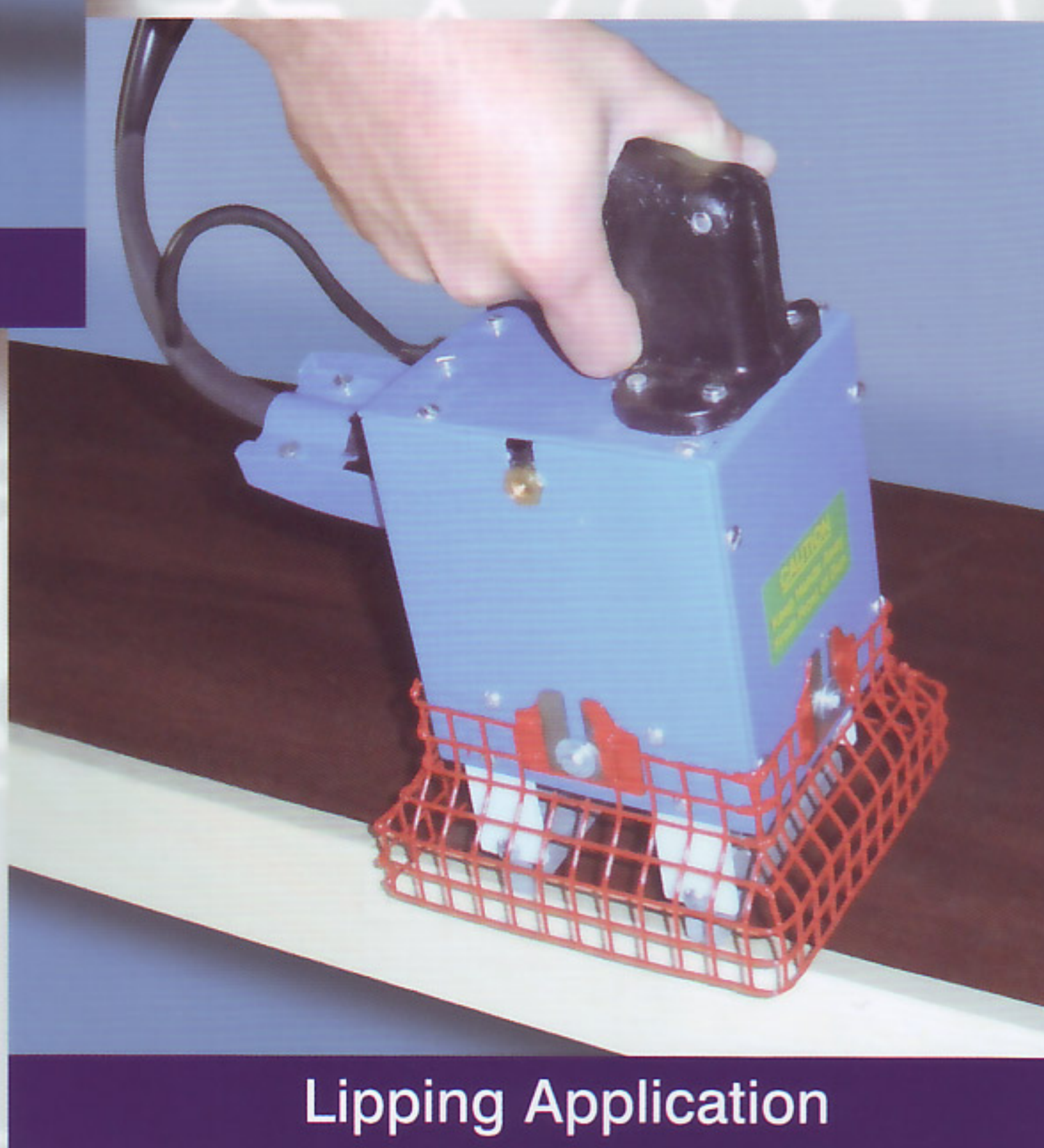
HOW IT WORKS: The Tregarne Woodwelder has been used in the woodworking industry for over 30 years. It has been modified to 27 megahertz and passed down the coaxial cable to the hand gun. The electrodes or radio waves pass into the glue line. The Radio waves vibrate the water molecules in the glue, this



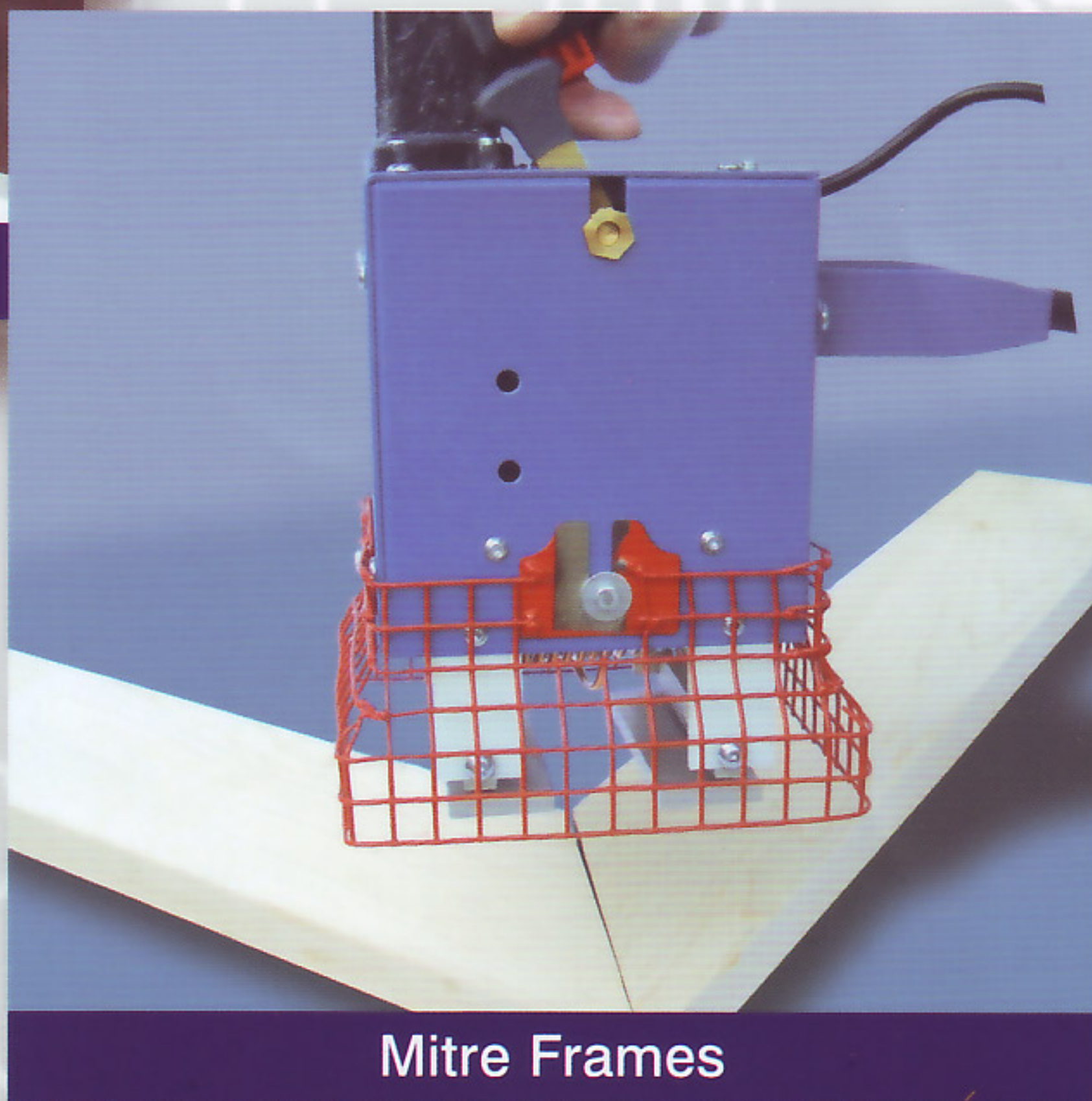
Edge Jointing



Furniture Assembly Work



Lipping Application



Mitre Frames



For 30 years. The R.F. generator produces radio waves, via a pair of triode valves. The R.F. is then transferred to the hand gun and the hand gun are placed over the glue line and when the trigger on the hand gun is activated the vibration causes heat and the heat sets off the glue, all within 5 seconds. **Simplicity in itself!**

Tregarne Woodwelder

The Woodwelder comes with these standard features

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

Technical specification

Supply:	240 volt / 50hz (standard 13-amp 3-pin plug)
Generator frequency:	Nominal 27.2 Mhz
Size:	66 x 43 x 44cm (H x W x D)
Weight:	55 kg
Curing speed:	3 - 10 seconds per weld
Penetration:	50mm effective
Output:	0.5 - 0.6 amps at 2400 volts (internal HT) on load
Finish:	Hardwearing powder coated finish
Electrical safety:	Cabinet & fittings are fully earthed. Cutout switch isolates main power if rear access panel is removed. 10Amp panel-mounted fuse for protection.
Hand gun specification:	Lightweight, easy to use hand gun. Incorporates on/off trigger, thumb-operated fine tuning control & RF power indicator meter. Supplied with 2 sets of electrodes.
Servicing & Maintenance:	A comprehensive range of spares are available from Tregarne and can usually be delivered next day. Repairs can be carried out within 1 - 2 days.
Warranty:	All new machines are covered by a standard 12-month warranty from the date of purchase.

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