

# AMP

## U-500 Frame Joining Capabilities

(Formerly Model VN4 Memory Program)

### Interior & Exterior Trim

Up to 1" x 6"

**Max Distance  
Between V-Nails  
(Stroke)**

5 3/4"

**Pre-set V-Nail  
Position Stops**

Multiple

### V-Nail Sizes

3, 5, 7, 10, 12, 15mm  
(SW-HW-HDF)

### V-Nail

**Channel Capacity**  
220 V-Nails



Butt Joint Material Fencing  
for V-Nail Fastener Joining

Spacer Blocks for  
Off-Set Joining

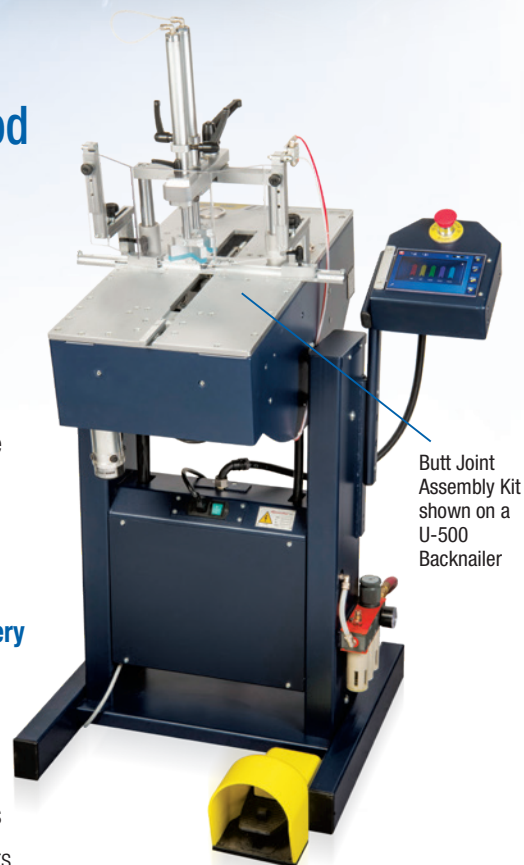
## Butt Joint Assembly Method

AMP has developed a market exclusive Butt Joint Assembly Method for joining together both interior and exterior trim sizes up to 1" x 6". The joining process consist of AMP's U-500 Backnailer Joining Machine equipped with a 90 degree Material Fencing System.

The material fencing consist of a Dual Position Arm, a Fixed Rear Fence with Magnetic Inserts, and three (3) different sized Spacer Blocks for Off-Set Joining. A Double Hydraulic Clamping System is used for securing the trim moulding in place during the joining process.

### Value of using our Backnailer Joining Machinery

- Replaces common method of stapling and all production issues relating to this method
- Improve the quality of your cased doors
- Speed up the application of casing to your doors
- Eliminate breakage in transiting your cased doors
- Case all of your interior and exterior doors with pre-assembled trim



Butt Joint  
Assembly Kit  
shown on a  
U-500  
Backnailer

## U-Series Backnailer Joining Machinery – 90° Joining\*

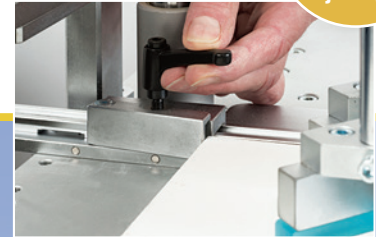
\*Easy transition from 90° to 45° joining



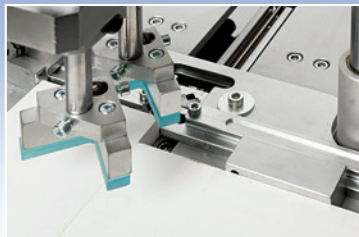
To set proper joining line, position trim in center of V-Nail head and then slide dual position fencing to secure it



Dual position fencing slides left and right for securing the trim material during joining process



Position and adjust material production stops for securing material



Spacer blocks are used for creating off-set joints for decorative appearance -  
 Spacer sizes: 1", 1/2" and 1/4"



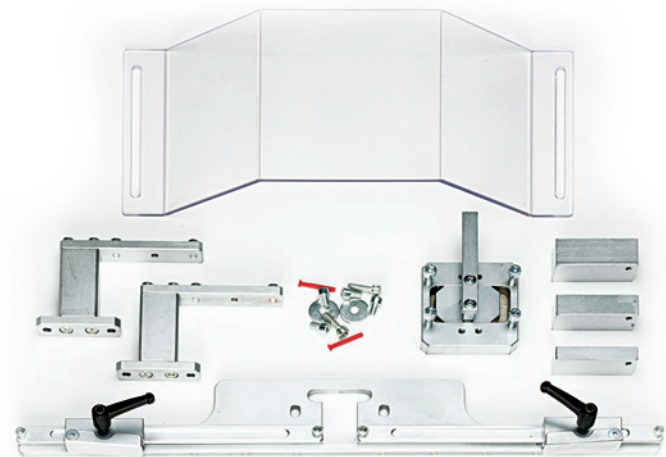
Double Hydraulic Clamp is used to secure the trim pieces during joining process

## U-600 Backnailer

Our most advanced frame joining machine for picture frames, door and window frame assemblies. Ideal for medium to high production facilities requiring flexibility for different sized V-Nail fasteners or a common mm size for increased V-Nail storage capacity.

## U-500 Backnailer

Recommended for high volume production facilities that require the primary use of a single sized V-Nail for joining picture, doors and window frames. It has a user-friendly, touch screen interface and a single V-Nail channel capacity.



**Part Number Information and Purchase Package Contents**

**Part # 04-200 – Butt Joint Assembly Kit**

**Fletcher Business Group**

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