





FAST ASSEMBLY SPEED • SUPERIOR CLAMPING • PROGRAMMED MEMORY • SINGLE-CHANNEL • MULTI-CHANNEL • MANUAL • SEMI-AUTOMATIC • PRODUCTION

Match your joining requirements with this U-Series selection guide





Semi-Automatic, Bench-top or Free Standing

Operation looking for flexibility in joining multiple custom sized frames, pneumatic foot actuated for V-Nail insertion

Low Production Usage





Production Joining

Joining operations requiring the use of a single sized V-Nail for high production output – memory programmed for frame profile recall

Up to 300 joined frames per hour*





Semi-Automatic, Bench-top or Free Standing

Production joining with speed and repeatability for same sized moulding

Up to 200 joined frames per hour*





Production Joining

Joining operations requiring flexibility of multiple sized fasteners or a common mm size for high production output – memory programmed for frame profile recall

Up to 300 joined frames per hour*

* Hourly production rates are determined based on 3 postions per corner, single V-Nail insertion per position, 20cm x 25cm frame size (8" x 10")

> All U-Series use: PowerTwist[®] PTM

V-Nail Technology

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Technology for Joining: Wood & Plastic Frames | Wood Doors, Windows & Trim

This selection guide is intended to assist in choosing the appropriate Underpinner based on key performance requirements for your application. For more information contact Lion at info@lionpic.co.uk

For complete details on maximum moulding height and width, maximum distance between V-Nail strokes, etc., see Lion website.

www.fletcher-terry.com





COLOR CODED FOR EASY IDENTIFICATION • EASY FIELD REPLACEABLE • QUICK CHANGE TO DIFFERENT CLAMPING PAD • CONFORMS TO MOULDING CONTOUR

Easy Field Replaceable

Clamping Pad System



Black Polymer Pad For harder wood 9465 #397100001

White Polymer Pad For medium wood 9464 #397100002

Blue Polymer Pad For softer wood 9463 #397100003

Adaptable with Alfamacchine's full range of Metal Pressure Plates



Magnetic – Single Metal Pressure 9462 #397100005

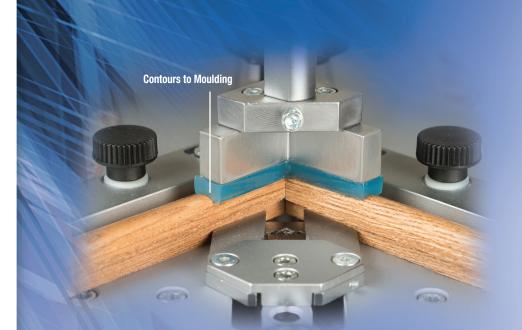


Single Metal Pressure Plate 9461 #242230300



Double Metal Pressure Plate 9506 #242230320

See over for the U-Series Selection Guide





Positive Placement Vertical Clamping

- Improves clamping hold by incorporating pre-drilled positioning adjustments
- Spring loaded pull pin locking mechanism eliminates slippage, wear on vertical rod and allows quick adjustments to suit moulding height

Clamping Pad System for Alfamacchine U-Series Underpinners

Alfamacchine's Clamping Pad System incorporates different clamping pad firmness based on moulding hardness. Available in soft, medium and hard, the system offers significant benefits to users.

- Three different pads are available to match moulding hardness, contour, finishes or coatings to improve joining performance
- Swappable pads are made with varying degrees of elasticity to conform to the contour of the moulding, thus improving clamping without damaging delicate surfaces
- Color coded Blue for softer wood, White for medium wood and Black for harder wood
- · Easy field swappable depending on joining application
- All clamping pads fit magnetic, single and double metal pressure plates
- · Adaptable to Single or Double hydraulic clamping mechanisms
- Clamping Pad System also adapts to most older Alfamacchine and MiniGraf Underpinners

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