

PNEUMATICALLY OPERATED • SOFT CLAMPING FEATURE • SMALL TABLE-TOP FOOT PRINT • DUAL FUNCTION FOOT PEDAL • SINGLE & MULTIPLE STACK

Alfamacchine

U-200P Frame Joining Capabilities

Moulding Width
(min to max)
6 to 120mm

Moulding Height
(min to max)
6 to 80mm

Max Distance Between V-Nails (Stroke)
180mm

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

MADE IN ITALY



U-200P Semi-Auto/Pneumatic Underpinner

Our U-200P is a bench top frame joining machine and the most popular model with the custom frame shops. It is compact, well constructed, and built for many years of trouble free operation. The design of the U-200P allows the framer to set the front and back stops for V-Nail insertion. The frame is then moved across the nail head and V-Nails are driven or stacked anywhere along the frame joint. The V-Nail insertion is actuated through the use of a pneumatic pedal.



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Clamping Pad System

Positive Placement Vertical Clamping

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



Easy Field Replacement

Enables a quick change to a different clamping pad depending on joining applications



Clamping Pads

- All clamping pads are interchangeable with magnetic, single and double metal pressure plates
- Three different pads are available based on moulding hardness, contour, finishes or coatings

U-200P Unique Performance Features

- Light weight – Easy shop mobility
- “Soft Clamping” pneumatic feature for damage free joints
- Quick-change magnetic base hold down feature fitting most moulding profiles
- Small table-top foot print needed – 330mm wide x 450mm length x 450mm high
- Operates only with pneumatic air, no electrical hook-up needed
- Dual function foot pedal for separate control of mould clamping and V-Nail insertion
- Designed with a unique trouble free piston V-Nail driver block-blade system for years of dependable single and multi-stacking operations



Floor stand sold separately

Machine Dimensions & Weight

Width: 330mm
Length: 450mm
Height: 450mm
Weight: 35kg.

Compressed Air Requirements

3NI at 5 Bar

Part No Information

Part # 178720009

U-200P Underpinner Semi-Auto/Pneumatic

Part # A22000005

Optional Floor Stand

U-200P Purchase Package

- (1) 7mm Nail Head
- (1) 10mm Nail Head
- (1) 12mm Nail Head
- (1) Single Vertical Positive Placement Clamp
- (1) Fixed Fence 90°
- (1) Single Metal Pressure Plate
- (1) Magnetic Support for Vertical Placement Clamp
- (1) Blue Rubber Pad (SW)
- (1) Yellow Rubber Pad (MW)
- (1) Black Rubber Pad (HW)
- (1) Round Pressure pad - Felt
- (1) 4mm Allen Wrench
- (1) 5mm Allen Wrench
- (1) 6mm Allen Wrench
- (1) Machine Manual w/warranty card

Accessories & Replacement Items

- A22000004 Extension Wings Kit
- 244120130 Magnetic Base for Clamp Assembly
- 298390370 Single Vertical Positive Placement Clamp
- 242230300 Single Metal Pressure Plate
- 397100005 Magnetic – Single Metal Pressure Plate
- 397100003 Blue Replacement Rubber Pad (recommended for SW)
- 397100002 Yellow Replacement Rubber Pad (recommended for MW)
- 397100001 Black Replacement Rubber Pad (recommended for HW)
- 243160020 Adjustable Fence (2 Knobs)
- 375600010 Fixed Fence - 120°
- 375400010 Fixed Fence - 135°
- 243180010 Fixed Fence - 90° Raise H10
- 394950010 Nail Head – 3mm
- 394950060 Nail Head – 5mm
- 394950020 Nail Head – 7mm
- 394950030 Nail Head – 12mm
- 394950040 Nail Head – 10mm
- 394950050 Nail Head – 15mm
- A22000000 Floor Stand Option

Alfamacchine “Power Twist®” pulling power V-Nails are designed to improve the mitre-joint quality for framed art or woodworking type assemblies. Available in 3, 5, 7, 10, 12, and 15 mm sizes. Offered in convenient packages for the custom framers or large volume production package for use with softwood, hardwood, MDF and plastic framing materials.



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