

SOFT CLAMPING • PC WINDOWS TOUCH SCREEN • STORES MULTIPLE V-NAIL SIZES • TABLE TILT ADJUSTABLE

AMP™

U-700 Frame Joining Capabilities

**Moulding Width
(min to max)**
¼" up to 5"
(6-127mm)

**Moulding Height
(min to max)**
¼" up to 3 ¼"
(6-80mm)

**Max Distance
Between V-Nails
(stroke)**
5 ¾" (145mm)

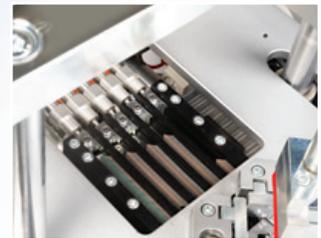
**Pre-Set V-Nail
Position Stops**
Multiple

V-Nail Sizes
5, 7, 10, 12, 15mm
(SW-HW-HDF)

**Configurable
V-Nail
Channel Capacity**
Adaptable to single size
or multiple V-Nail mm sizes;
5 individual channels –
220 V-Nails/channel



Adjustable tilt angle for operator comfort



Changeable V-Channel inserts

AMP™ U-700 Memory Programmed/Multi-Channel Underpinner

The AMP™ U-700 is an advanced frame-joining underpinner designed for picture framing and wood-working applications. It combines sophistication and high performance with operating flexibility for joining picture frames and assembling door and window frames. A key differentiator is its inline vertical clamp, which travels back and forth in line with the driver assembly for precise, consistent joining.

This machine is ideal for medium-type production facilities requiring flexibility for different sized V-Nail fasteners or a common millimeter size through a configurable channel feature.

With profile data storage of over 5,000 different frames, the operator can easily recall any frame profile either alphabetically, numerically through keypad, or scanned using the barcode reading option.

The software includes the functionality of applying a soft vertical clamping motion reducing moulding damage with soft materials or delicate finishes.



Learn more

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Frame Joining Capabilities:	Moulding Width (min to max)	Moulding Height (min to max)	Max Distance Between V-Nails (stroke)	Pre-set V-Nail Position Stops	V-Nails Size	V-Nail Size Capacity
	¼" up to 5" (6-127mm)	¼" up to 3 ¼" (6-80mm)	5 ¾" (145mm)	Multiple	3, 5, 7, 10, 12, 15 (SW-HW-HDF)	5 individual channels 220 V-Nails/channel

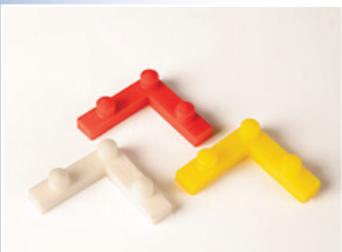
Clamping Pad System



Clamp holds moulding firm



Quick change to a different clamping pad depending on joining application



Three different pads are available based on moulding hardness

U-700 Unique Performance Features

- Equipped with five individual V-Nail storing channels capable of holding up to 220 V-Nails each
- V-Channels can store multiple sizes or one common size for production uptime and productivity
- Vertical clamp moves with driver assembly
- User friendly touch-screen operation with data storage for over 5,000 frame profiles
- Bar Code Scanner option for production integration and efficiency
- Easy table tilt adjustment for operator comfort while joining from either from front or back of machine
- Handles all types of wood, plastics and MDF materials
- CE Compliant

U-700 Technical Data

Machine Dimensions & Weight

Length: 27" (680mm)
Width: 35 1/2" (880mm)
Height: 56" (1400mm)
Weight: 298 lbs (135kg)

Power Requirements

115/220 Volt 50/60 Hz.
Compressed Air 4NI at 5 Bar



Well-suited for operators needing high speed assembly with frequent changeovers

Part No Information

Part # 04-012

U-700 Memory Programmed/Multi-Channel Underpinner

U-700 Purchase Package

- (1) "Multi-Sized" Nail Head
- (1) Single Vertical Positive Placement Clamp
- (1) Single Metal Pressure Plate
- (1) Red Rubber Pad
- (1) Yellow Rubber Pad
- (1) White Rubber Pad
- (1) Adjustable Fence (3 Knobs)
- (1) Front Horizontal Clamp
- (1) 5mm Allen Wrench
- (1) Touch Screen Panel
- (1) Three Stage Air Pressure Filter Regulator
- (4) Machine Base Levelers
- (1) Floor Stand
- (1) Machine Manual and Warranty Card
- (1) Fence Template 4-6-8 Side

Accessories & Replacement Items

Extension Wings Kit
Magnetic Base for Clamp Assembly
Single Metal Pressure Plate
Double Metal Pressure Plate
Magnetic – Single Metal Pressure Plate
Red Rubber Pad
Yellow Rubber Pad
White Rubber Pad



Touch Screen Memory Programming

AMP™ Power Twist® V-Nails improve the miter joint quality for framed art and woodworking assemblies. Available for use with all types of wood, plastics, and MDF framing materials in 3, 5, 7, 10, 12, and 15 mm sizes.

Offered in multiple convenient packaging configurations for custom frame shops or large volume production operations.

