



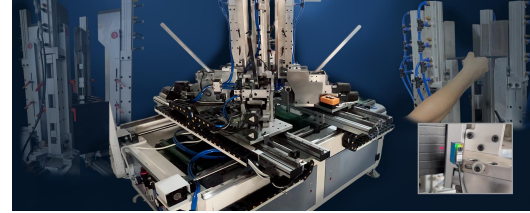
Core Values of XKY Framing

The core mission of the XKY Team is to engineer high-capacity, precision-driven solutions that empower frame manufacturers worldwide. We strive for collaborative excellence, ensuring that our robust machinery delivers unparalleled efficiency, uncompromising joint quality, and is backed by comprehensive training and dedicated support.

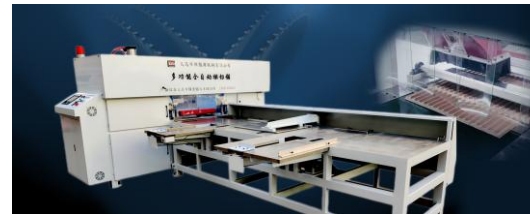
Global Leaders in Frame Manufacturing Technology
Based in the world's manufacturing hub of Yiwu, China, Yiwu Xinkuangyuan Machinery Co., Ltd. (XKY Framing) has dedicated years to perfecting industrial framing equipment.

From our classic active-clamping underpinners to advanced PLC-controlled production lines, we provide a diverse range of engineered capabilities for cutting, joining, and finishing. We believe that great machinery must be paired with exceptional service. Therefore, all our solutions are supported by detailed operational training, installation guidance, and responsive after-sales care. Our goal is to ensure your production runs smoothly from day one, maximizing your output and profitability.

CATALOG



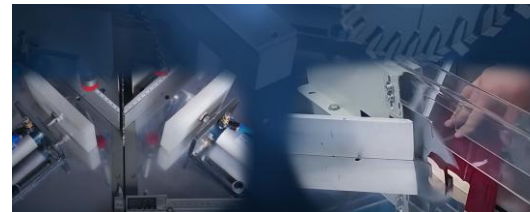
Auto Underpinner



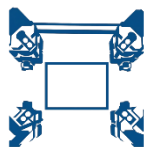
Auto Cutting



Frame Underpinner

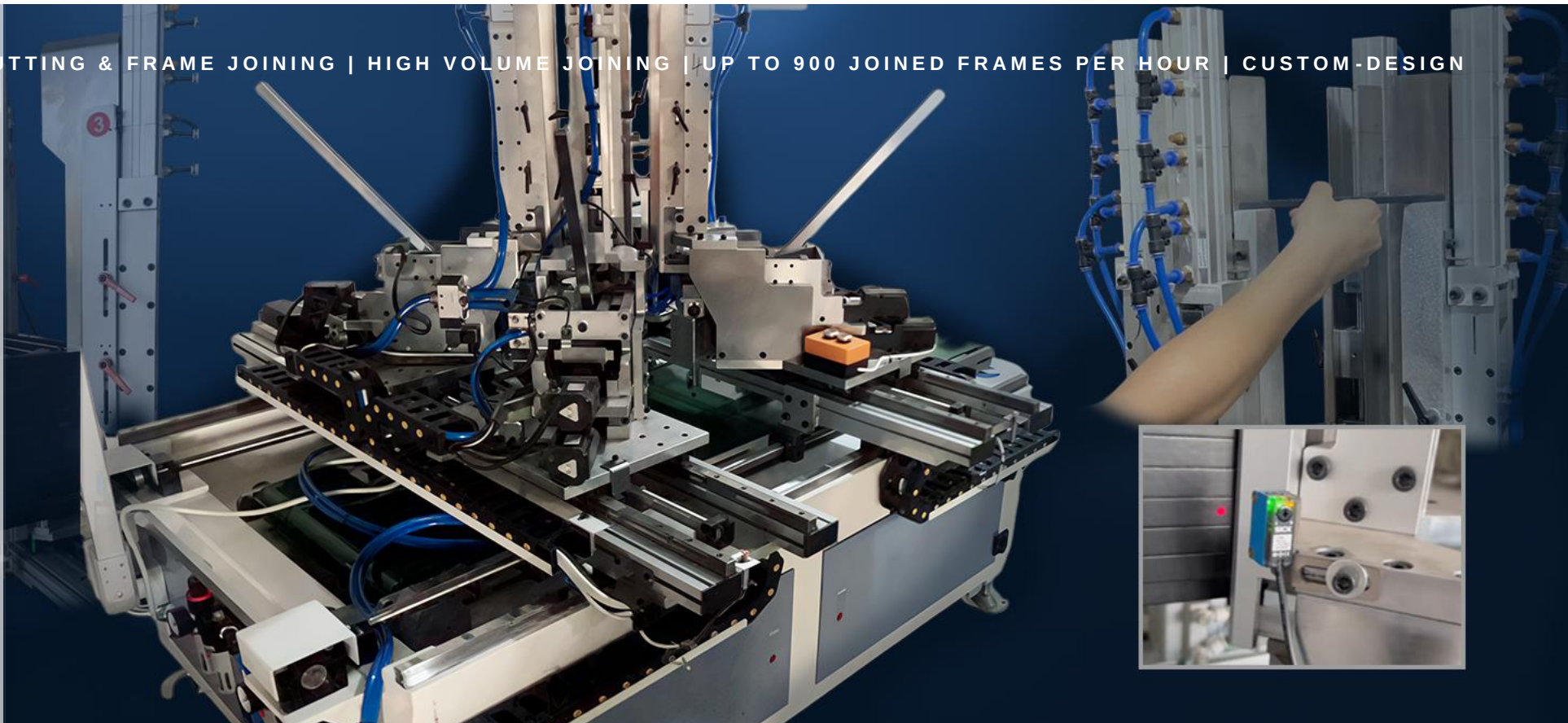


Frame Cutting



Auto Underpinner

CUTTING & FRAME JOINING | HIGH VOLUME JOINING | UP TO 900 JOINED FRAMES PER HOUR | CUSTOM-DESIGN



**Engineered solutions for
double miter cutting,
robotic and production frame joining
and automation processes**

Framing & supplier
Innovation for Framing

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XKY provides automated solutions designed for mass customization and high-volume frame production workflows. Our comprehensive portfolio features the NC500 and NC600 automatic double-mitre saws, advanced blade cutting technology, and more.

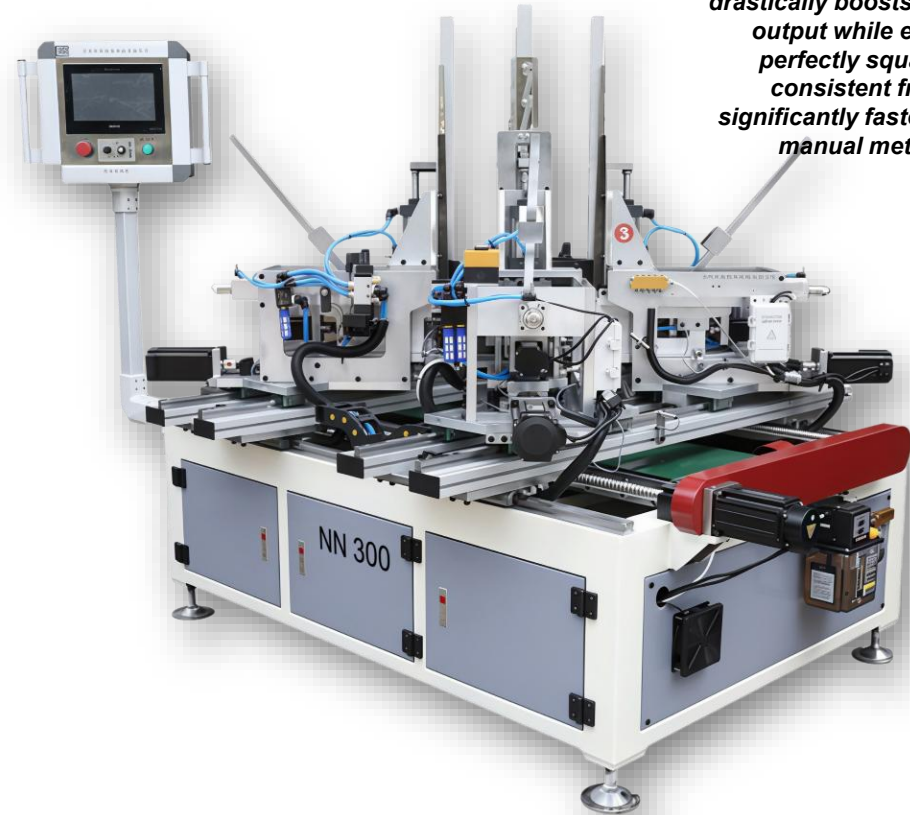
Engineered to high production standards, our framing components are compatible with all standard V-nails and fasteners available on the market. All products are backed by our complete service package, including equipment installation, professional training, and ongoing maintenance support.

XKY NN300 Fully Automatic Quad-Corner Underpinner

HIGH-SPEED MASS PRODUCTION: JOIN 4 CORNERS IN ONE STEP / IDEAL FOR FRAME, MIRROR, AND CABINET DOOR PRODUCTION

XKY introduces the SL-NN300, a revolutionary, high-speed quad-corner underpinner designed for high-production environments. Unlike standard systems, the SL-NN300 simultaneously joins all four corners, its industrial output. Its advanced simultaneous quad-nailing technology eliminates manual repositioning, boosting production capacity significantly to over 1,000 joined frames per hour.

“Our simultaneous quad-corner joining process drastically boosts production output while ensuring perfectly square and consistent frames, significantly faster than any manual method.”



Machinery Dimensions

Machinery Technical Specifications

Machinery Dimensions:

- 3300 * 1460 * 1760 mm

Component Loading & Magazine Capacity - Vertical Feeder

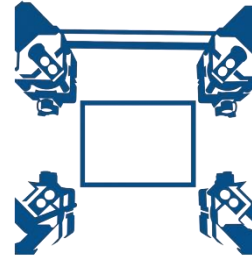
- Independent Loading Stations: Equipped with 4 independent stations for loading pre-cut frame segments.
- Station Capacity: Each station holds up to 50 units (actual quantity depends on the height of the profile/molding).
- Estimated Loading Time: Approximately 2 minutes.

Component Clamping & V-Nail Insertion

- Independent Pneumatic Control: Each joining station is equipped with an independent pneumatic control and air supply system to ensure optimum performance.

Assembly & Clamping Stations

- System Platform: Built on the NN300 frame system platform using a proven single-channel joint design.
- V-Nail Compatibility: Compatible with various types of V-Nail products.
- V-Nail Capacity: Each joining station has a capacity of 600 V-Nails.



XKY's frame robot system is programmed via an icon-driven touchscreen panel for controlling and adjusting system parameters, while retaining mechanical controls for emergency situations.


Below is a listing of the software functionality

- Graphic touch screen control of each joining station – setup and parameter setting
- Programming V-Nail stacking
- Individual joining head positioning control for set-up flexibility
- Adjustable process control speed for part movement conveyors
- Fully automatic photo frame size adjustment control



NN300 Frame Robot System Highlights

OVER 1,000
Joined Frames
Per Hour

 **CYCLE TIME**
2-3 Seconds
(4-CORNER JOINT)

 **V-NAIL CAPACITY**
6000 PER
SRARTION

 **SPEED EFFICIENCY**
6000 Seconds



FRAME SIZES:
Min=6cm × 8cm
Max=60cm'' × 80cm''


UP TO 400% FASTER
Than manual operation

 **AUTO STACKER
INTEGRATION**

 **INTEGRATED
CONVEYOR
SYSTEMS**

XKY V-Nail Fastening System

XKY's V-Nail fasteners are fully compatible with standard V-nails available on the market, offering effortless replacement and maintenance. We provide optimized fastening solutions tailored to specific machine settings for both soft and hard materials to ensure peak performance. For added versatility, the system also allows for the temporary use of alternative nails when primary stock is unavailable.

XKY offers a comprehensive range of V-nails across multiple platforms, available in both convenient retail boxes and bulk industrial packaging to suit varying material density and hardness requirements.



XKY V-Nail Fasteners - For Professional Underpinners

MATERIAL DATA*	Material EN 10132 Cold rolled narrow steel strip	Finish Bright / Specialized Coating	Collation Silicone strip V-Nail type fastener
V-NAIL TYPE STANDARD	Width 11 mm	Thickness 0.30 mm	Strip Length 200 nails per strip
V-NAIL TYPE REINFORCED	Width 11 mm	Thickness 0.38 mm	Strip Length 160 nails per strip
GRIND (NAIL TYPE)	N46 - N51 (PS) For synthetic and foam materials	N40 - N45 (GP) General purpose and softwoods	Hardwood (HW) For high-density wood and stacking
JOINING MATERIAL	PS Foam Moulding, Plastic Frames, Synthetic Composites	Pine, Cedar, Soft MDF (No Stacking), Common Composite Mouldings	Oak, Ash, Walnut, Gesso, Hard MDF (Stacking Supported)

Hardwood Standard Box Options

V-NAIL SIZE (mm) & TYPE	V-NAIL PER BOX
(7 mm) 1007 - Hardwood	4,400 / Box
(8 mm) 1008 - Hardwood	4,400 / Box
(10 mm) 1010 - Hardwood	4,400 / Box
(12 mm) 1012 - Hardwood	4,400 / Box
(15 mm) 1015 - Hardwood	4,400 / Box

Hardwood Standard Box Options

V-NAIL SIZE (mm) & TYPE	PACK DETAILS (Boxes per Case)	V-NAIL PER BOX
(7 mm) 1007 - Hardwood-C	18 Boxes / Case	4,400 / Box
(8 mm) 1008 - Hardwood-C	17 Boxes / Case	4,400 / Box
(10 mm) 1010 - Hardwood-C	14 Boxes / Case	4,400 / Box
(12 mm) 1012 - Hardwood-C	12 Boxes / Case	4,400 / Box
(15 mm) 1015 - Hardwood-C	10 Boxes / Case	4,400 / Box



The universal V-bolt is compatible with all XKY brand machines, but please contact customer service for details regarding complete compatibility.

XKY Service and Installation Programs

XKY stands firmly behind our equipment by offering a comprehensive suite of service options. Our mission is to ensure maximum productivity, equipment longevity, and seamless production uptime for your investment.

- Service Scope: Remote technical diagnostics, comprehensive digital media libraries, on-site installation, and professional operator training.
- Global Support: Leveraging our manufacturing hub in China, we prioritize high-efficiency remote solutions and extensive video tutorials.
- Spare Parts: All genuine components and wear parts are available through our official online store at xkyframing.com.



Categories of Service

- Categories Preventative Maintenance Program
- Automation Remote Services
- Installation & Commissioning
- Comprehensive Video Training
- Urgent Technical Support

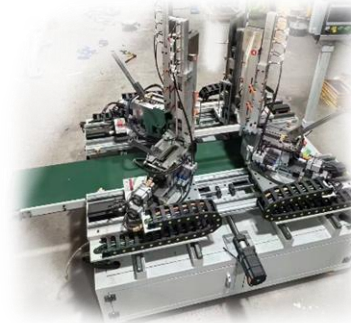
Remote Digital Support & Video Library

- As a China-based leader in framing machinery, XKY has developed a robust Digital Support Ecosystem:
- Full-Spectrum Video Tutorials: Step-by-step HD guidance covering everything from initial unboxing to complex troubleshooting for machines like the NN400 Underpinner
 - Live Video Consultation: 1-on-1 technical assistance via WhatsApp, WeChat, or Teams to minimize downtime without the need for travel.

Preventative Maintenance Service Program

Designed for significant automated equipment purchases, this program is quoted based on the scope and quantity of machinery:

- Options: Fixed-fee annual contracts or hourly-rate-plus-expenses billing.
- Goal: Identifying wear patterns before they cause failure.



Installation and Training

- XKY offers professional commissioning and on-site training for our full lineup, including:
- NN400 Automated Underpinners, CNC Double Miter Saws, and Precision Cut Measurement Systems
 - Training Focus: We ensure your operators are fully certified in machine safety, daily maintenance, and high-efficiency operation.

Urgent / Emergency Support

- For critical issues, our technical team provides immediate 24-hour response via phone or digital media:
- Rapid Diagnostics: Most mechanical adjustments can be resolved through our remote visual aid system.
 - Express Parts Dispatch: Critical parts are shipped directly from our Yiwu warehouse via international express (DHL/FedEx/UPS).

Spare Parts and Wear Parts

- XKY maintains a vast inventory of components at our headquarters in Yiwu, China:
- Strategic Recommendation: We strongly encourage customers to maintain an on-site inventory of "Key Spare Kits" to eliminate any potential production interruptions during peak seasons.

"XKY believes that precision servicing and proactive maintenance are imperative to the success of both you and your customers."



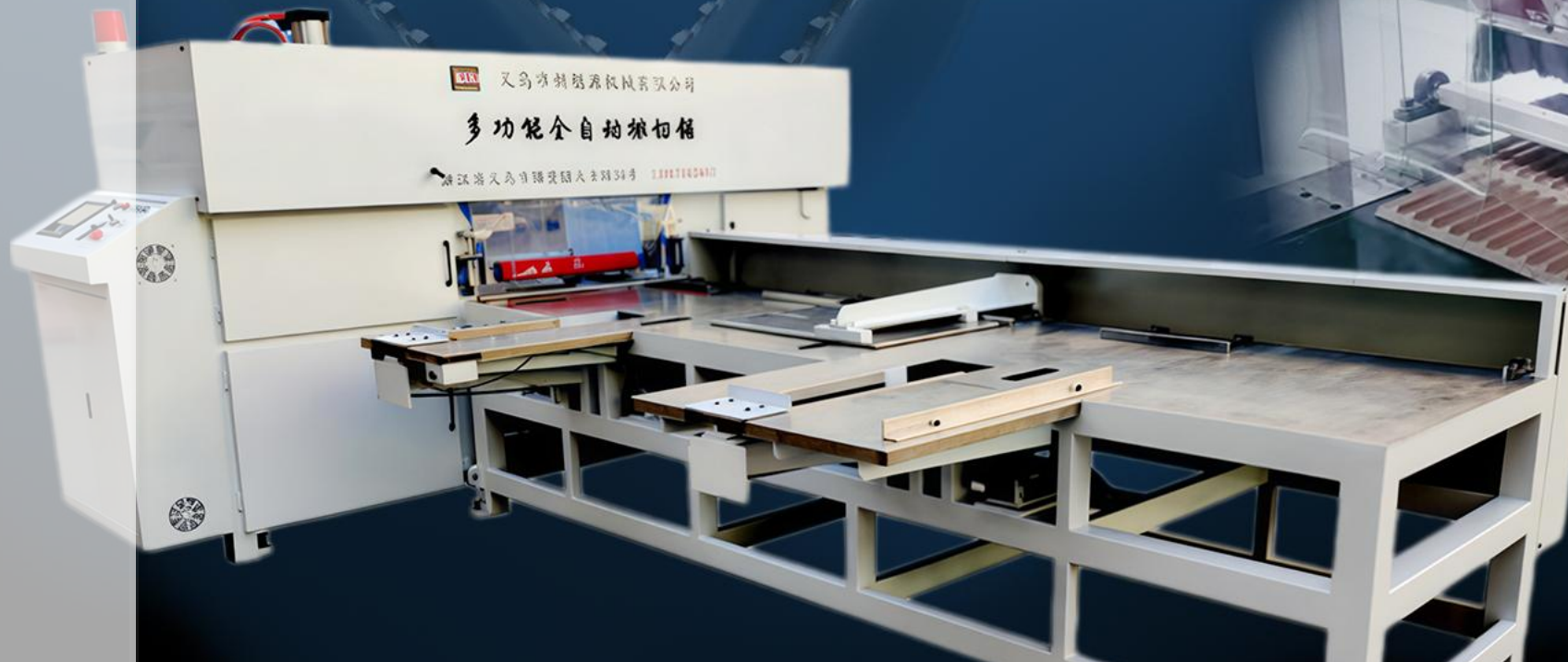
Auto Cutting

AUTOMATIC CUTTING

CUT MEASUREMENT SYSTEMS

SOFTWARE

LABOR SAVINGS



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100mm wide stack cutting for laminated MDF and wrapped profiles — the ultimate solution for large-scale, chip-free mass production

XKY provides advanced stack cutting solutions engineered for high-capacity factory production. The NC600 Industrial Stack Cutter processes profiles up to 100mm wide and 48mm high, with a fully automated feed and discharge system that boosts efficiency by 300%–500% over manual saws.

Its intelligent Three-Cut Mode — featuring Full Cut, Mirror Cut, and Anti-Chip modes — delivers flawless, chip-free edges on laminated MDF and wrapped gesso frames, making it the ideal replacement for conventional miter saws in demanding production environments.





Optimized for mass production. Allows operators to stack multiple profiles (up to 100mm width per profile) for high-volume continuous cutting, maximizing daily throughput.

**“High-Capacity Stack Feeding:
 > Optimized for mass production, utilizing the 100mm cutting width to process multiple profiles in a single pass, increasing efficiency by up to 500%.”**



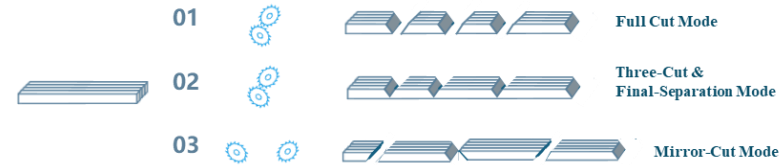
Horizontal Feeder option

NC600 Industrial High-Capacity Stack Saw

ZERO-WASTE & ANTI-CHIP STACK CUTTING FOR LAMINATED MDF AND WRAPPED PROFILES IN LARGE-SCALE FACTORIES

XKY offers the ultimate mass production center engineered for high-volume fulfillment operations. The SL-NC600 upgrades the standard stack cutting process with a 100mm wide processing range, allowing for larger batches in a single pass. Featuring a fully automated feeder and discharge system, it seamlessly integrates our intelligent software with a unique "Three-Cut Mode" to ensure flawless, chip-free edges—delivering quality that standard saws cannot achieve.

- Fully automated processing: Automated feeding, stack cutting, and discharge boost efficiency by 300% to 500% compared to manual saws.
- Intelligent Software Control: Comes with 3 cutting modes (Full / Mirror / Anti-Chip) adapted for various production needs.
- Anti-Chip Technology: The specialized "Three-Cut & Final-Separation" sequence relieves surface stress, perfect for delicate wrapped/gesso frames.
- Zero-Waste Mirror Cut: Alternating blade direction to minimize material scrap and significantly cut production costs.
- Heavy-Duty Performance: Equipped with dual 9.86kW High-Torque Motors for continuous, high-intensity factory duty.



Seamlessly synchronizes with the cutting station to automatically sort and move finished pieces, reducing manual labor and streamlining your facility floor layout.



NC600 Industrial Stack Cutter



300% - 500% Profit and Efficiency boost compared to manual saws



100 mm (4") Max cutting width per profile for high-volume stacking



Anti-Chip 100% flawless cuts for laminated MDF & wrapped frames



Zero-Waste Mirror-cut mode minimizes material scrap costs



300mm / 350mm Variable saw blade diameter options



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The NC500: Redefining precision frame production through innovative custom-mold clamping and high-capacity automated stack cutting technology.

“Engineered for high-volume precision, the NC500 utilizes a proprietary profile-specific mold system to enable seamless stack cutting of complex mouldings with zero deformation and maximum efficiency.”



NC500 Fully Automatic Stack Cutting Saw

For high-volume frame production, utilizing a proprietary mold-based system to achieve stack cutting for complex profiles.

The NC500 is an advanced fully automated cutting system engineered to maximize throughput and precision for modern framing facilities. Unlike traditional flat-clamp cutters, it features an innovative Profile-Specific Mold System that securely holds irregular or deeply sculpted mouldings, ensuring a chip-free finish and absolute stability during simultaneous batch processing (stack cutting).

- **Proprietary Mold-Based Clamping:** Eliminates vibration and deformation, allowing for the stable cutting of even the most intricate or irregular profiles.
- **High-Efficiency Stack Cutting:** Significantly boosts productivity by enabling operators to clamp and cut multiple moulding strips simultaneously.
- **Industrial-Grade Power:** Equipped with dual 4.0 HP spindles to provide consistent, heavy-duty performance for dense materials and thick stacks.
- **Precision Touchscreen Control:** Offers an intuitive interface to switch seamlessly between manual, semi-auto, and fully automatic batch modes.
- **Bi-Directional Cutting Modes:** Versatile Uni and Bi-Directional options optimize the cutting stroke for faster cycle times and cleaner edges.
- **Unmatched Versatility:** Interchangeable custom-fitted molds allow for rapid adaptation to a wide range of frame styles and production requirements.



For the final cutting pass, the remaining frame section must be manually pushed to align with the cutting plane; small-scale gang saws are unable to perform fully automated cutting across the entire length.



Immediately after cutting the frame, the frame molding must be removed to allow for the quick and convenient assembly of the picture frames.



NC500
Fully Automatic Stack
Cutting Saw

Moulding Width
Capacity (Stacking
Width) Max
21 1/2"

Moulding Height
Capacity (Cutting
Thickness) Max
1 7/8"

Cutting Stroke
/ Range
23 1/2" Stroke

Cutting Modes
Uni /
Bi-Directional

Saw Motor Power Dual
4.0 HP Spindles

Spindle Speed
2500 - 3800 RPM

Air Pressure
Requirements
87 - 116 PSI

Power Supply
380V / 50Hz
/ 3-Phase

Machine Weight
2,315 lbs

Shipping Dimensions
64" x 76" x 52"



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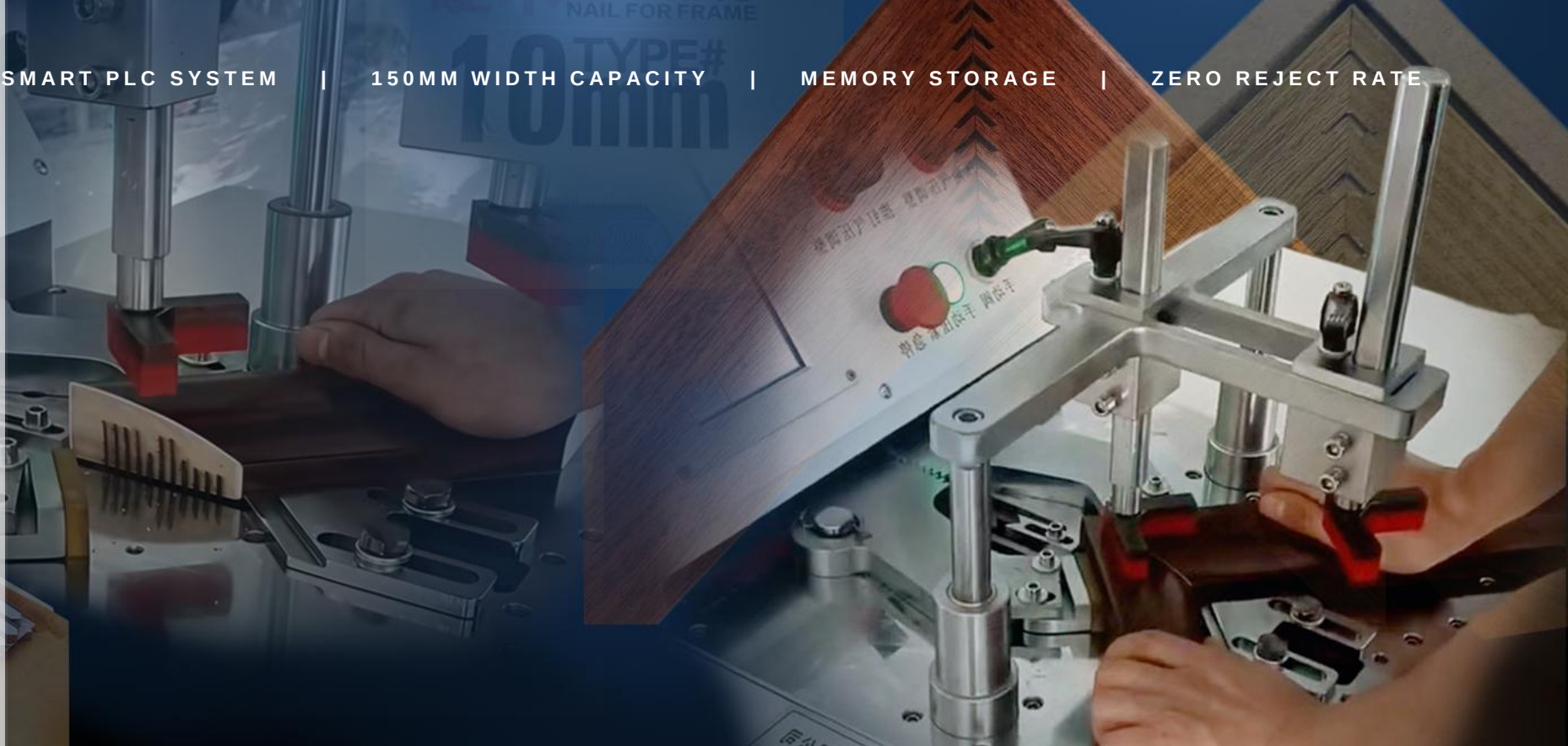
Frame Underpinner

SMART PLC SYSTEM

| 150MM WIDTH CAPACITY

| MEMORY STORAGE

| ZERO REJECT RATE



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**Manual and fully automated solutions
for low to high production needs
with miter or 90 degree joining**



XKY offers comprehensive joining solutions for frames and trims, ranging from reliable manual models (NN-800) to advanced robotic systems (NN-300). Our intelligent series features state-of-the-art control systems for precise, multi-profile operations. To maximize machine life, we employ a high-stability single-channel V-nail insertion method that minimizes mechanical wear. A core innovation is our heavy-duty clamping system, specifically designed to handle large-format frames up to 100mm without deformation. All XKY machines are compatible with a full range of V-nail sizes, ensuring flawless 45° and 90° corner joints every time.

NN400
Frame Joining
Capabilities
Single-Level
(Formerly Single-
Level Model VN4MP)

Moulding Width
 (min to max)
 1/4" to 4 1/2"
 (6 to 105mm)

Moulding Height
 (min to max)
 1/4" to 3 1/4"
 (6 to 80mm)

Max Height on
Stroke Length
 3/4" for Multi-Level
 Machine

Max Distance
Between V-Nails
 (Stroke)5
 3/4" (145mm)

Pre-set V-Nail
Position Stops
 Multiple

V-Nail Sizes
 3, 5, 7, 10, 12, 15mm
 (SW-HW-HDR)

V-Nail
Channel Capacity
 220 V-Nails



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NN400
Active-Clamping Pneumatic Underpinner

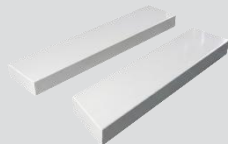
EASY TILT ADJUSTMENT | CHANGEABLE V-CHANNEL
 PLC DISPLAY | AUTO-CLAMPING SYSTEM



The NN400 is the foundational machine for any professional framing workshop. It is a pneumatic underpinner designed to join two mitered frame pieces (45° angles) from the bottom using steel V-nails. Unlike manual tools, the NN300 utilizes consistent pneumatic pressure to drive nails into Hardwood, MDF, and Polystyrene (PS) profiles without splitting the wood. It creates a tightly bonded, invisible joint from the back of the frame.

Active Clamping Logic: Clamp -> Lock -> Fire sequence ensures zero movement during assembly.
Dual-Stage Pedal: Allows the operator to check the clamping position before committing to drive the nail, reducing material waste.
Adjustable Clamping Pressure: Fine-tune the downward force to prevent denting delicate softwood or foam frames.

PRODUCT	PART NUMBER	FRAMES JOINED PER HOUR	P.C. DATA STORAGE	DIMENSIONS/WEIGHT		POWER REQUIREMENTS
				in	mm	
NN400 Active-Clamping Pneumatic Underpinner	NN04-01	Up to 300	5,000 Frame Profiles	Length: 29"	736 mm	115/220 Volt 50/60 Hz. Compressed Air 4NI at 5 Bar
				Width: 31 1/2"	800 mm	
				Height: 52"	1320 mm	
				Weight: 330 lbs	150 kg	



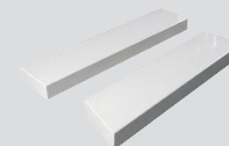
NN500
Touchscreen CNC Underpinner

EASY TILT ADJUSTMENT | CHANGEABLE V-CHANNEL
 INTELLIGENT TOUCHSCREEN| AUTO-CLAMPING SYSTEM

The NN500 is designed for the most challenging profiles. While standard machines use a single rod to hold the frame (which can cause tilting on wide frames), the NN500 utilizes a heavy-duty "Plate Clamping System." A wide metal plate descends to cover a larger surface area of the frame joint. This evenly distributed pressure prevents the moulding from tipping, tilting, or sliding, making it the only choice for assembling ultra-wide mirror frames or complex canvas floaters.

Plate Clamping Technology: Distributes pressure evenly to prevent surface damage and tilting.
Wide Profile Capacity: Specifically optimized for handling moulding widths up to 140mm-150mm (approx 6 inches).
Rock-Solid Stability: The heavier chassis and clamping mechanism ensure precision even when driving nails into the hardest commercially available woods.

PRODUCT	PART NUMBER	FRAMES JOINED PER HOUR	P.C. DATA STORAGE	DIMENSIONS/WEIGHT		POWER REQUIREMENTS
				in	mm	
NN500 Touchscreen CNC Underpinner	NN04-02	Up to 300	5,000 Frame Profiles	Length: 29"	736 mm	115/220 Volt 50/60 Hz. Compressed Air 4NI at 5 Bar
				Width: 31 1/2"	800 mm	
				Height: 52"	1320 mm	
				Weight: 330 lbs	150 kg	



NC500
Fully Automatic Stack
Cutting Saw

Moulding Width
 (min to max)
 1/4" to 4 1/2"
 (6 to 105mm)

Moulding Height
 (min to max)
 1/4" to 3 1/4"
 (6 to 80mm)

Max Height on
Stroke Length
 3/4" for Multi-Level
 Machine

Max Distance
Between V-Nails
 (Stroke)5
 3/4" (145mm)

Pre-set V-Nail
Position Stops
 Multiple

V-Nail Sizes
 3, 5, 7, 10, 12, 15mm
 (SW-HW-HDR)

V-Nail
Channel Capacity
 220 V-Nails
 "



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NN600
Frame Joining
Capabilities
Single-Level
 (Formerly Single-Level Model VN4MP)

Moulding Width
 (min to max)
 1/4" to 4 1/2"
 (6 to 105mm)

Moulding Height
 (min to max)
 1/4" to 3 1/4"
 (6 to 80mm)

Max Height on Stroke Length
 3/4" for Multi-Level Machine

Max Distance Between V-Nails
 (Stroke)5
 3/4" (145mm)

Pre-set V-Nail Position Stops
 Multiple

V-Nail Sizes
 3, 5, 7, 10, 12, 15mm
 (SW-HW-HDR)

V-Nail Channel Capacity
 220 V-Nails

Multi-Level moulding showing V-Nail insertion



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NN600
Active-Clamping Pneumatic Underpinner

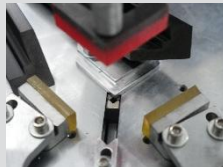
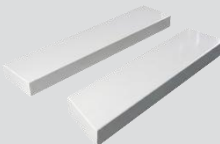
EASY TILT ADJUSTMENT | CHANGEABLE V-CHANNEL
PLC DISPLAY | AUTO-CLAMPING SYSTEM



The NN600 brings framing into the digital age. Unlike traditional machines that require manual knob adjustments for every new frame style, the NN600 is controlled by a PLC Touchscreen System. It allows operators to program and store nail positions for different frame profiles. When switching from a small photo frame to a large mirror frame, simply select the preset program, and the machine automatically adjusts logic, significantly reducing setup time.

Visual Touchscreen Interface: Easy-to-use colorful display for monitoring nail count, positions, and error diagnostics.
Multi-Position Nailing: Can be programmed to drive multiple V-nails at different positions along the joint for maximum strength.
Data Memory: Store up to 100+ different frame recipes for quick recall, boosting daily production efficiency.

PRODUCT	PART NUMBER	FRAMES JOINED PER HOUR	P.C. DATA STORAGE	DIMENSIONS/WEIGHT		POWER REQUIREMENTS
				in	mm	
NN600 Heavy-Duty Plate-Clamping Underpinner	NN04-03	Up to 300	5,000 Frame Profiles	Length: 29"	736 mm	115/220 Volt 50/60 Hz. Compressed Air 4NI at 5 Bar
				Width: 31 1/2"	800 mm	
				Height: 52"	1320 mm	
				Weight: 330 lbs	150 kg	



NN700
Touchscreen CNC Underpinner

EASY TILT ADJUSTMENT | CHANGEABLE V-CHANNEL
INTELLIGENT TOUCHSCREEN| AUTO-CLAMPING SYSTEM



The ST-NN700 represents the pinnacle of XKY's framing technology. It combines the "Smart Brain" of the NN500 (PLC Touchscreen) with the "Heavy Muscle" of the NN600 (Plate Clamping System). Traditional machines force you to choose between digital convenience or heavy-duty clamping stability. The NN700 gives you both. The massive Retractable Plate Clamp secures ultra-wide and flat profiles (up to 150mm) with evenly distributed pressure, while the Computerized Interface allows you to program and store nailing patterns for instant recall. It is, simply put, the best underpinner we have ever built.

Hybrid Technology: Integrates "Plate Clamping" stability with "CNC Precision" for the first time.
Smart Memory System: Store up to 500+ frame profiles. Switch from a 10cm photo frame to a 2-meter mirror frame in seconds with one touch.
Maximized Stability: The wide pressure plate prevents "tipping" on large frames, while the computer controls the nailing depth to 0.1mm accuracy.

PRODUCT	PART NUMBER	FRAMES JOINED PER HOUR	P.C. DATA STORAGE	DIMENSIONS/WEIGHT		POWER REQUIREMENTS
				in	mm	
NN700 Intelligent Heavy-Duty Underpinner	NN04-03	Up to 300	5,000 Frame Profiles	Length: 29"	736 mm	115/220 Volt 50/60 Hz. Compressed Air 4NI at 5 Bar
				Width: 31 1/2"	800 mm	
				Height: 52"	1320 mm	
				Weight: 330 lbs	150 kg	



NN700
Frame Joining
Capabilities
Single-Level
 (Formerly Single-Level Model VN4MP)

Moulding Width
 (min to max)
 1/4" to 4 1/2"
 (6 to 105mm)

Moulding Height
 (min to max)
 1/4" to 3 1/4"
 (6 to 80mm)

Max Height on Stroke Length
 3/4" for Multi-Level Machine

Max Distance Between V-Nails
 (Stroke)5
 3/4" (145mm)

Pre-set V-Nail Position Stops
 Multiple

V-Nail Sizes
 3, 5, 7, 10, 12, 15mm (SW-HW-HDR)

V-Nail Channel Capacity
 220 V-Nails

Multi-Level moulding showing V-Nail insertion



Framing & supplier

www.xkyframing.com



Frame Cutting

HEAVY-DUTY | PNEUMATIC CLAMPING | ALUMINIUM SPECIALIST | FIXED-TABLE DESIGN | HIGH PRECISION



Framing & supplier
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**Manual and fully automated solutions
for low to high production needs
with miter or 90 degree joining**



XKY offers comprehensive joining solutions for frames and trims, ranging from reliable manual models (NN-800) to advanced robotic systems (NN-300). Our intelligent series features state-of-the-art control systems for precise, multi-profile operations. To maximize machine life, we employ a high-stability single-channel V-nail insertion method that minimizes mechanical wear. A core innovation is our heavy-duty clamping system, specifically designed to handle large-format frames up to 100mm without deformation. All XKY machines are compatible with a full range of V-nail sizes, ensuring flawless 45° and 90° corner joints every time.

**CT300
High-Efficiency
Dust-Free Saw**

**Max Cutting Width
160 mm(6 1/4")**

**Max Cutting Height
100 mm(4")**

**Cutting Angles
Multi-Angle Lock 45°,
60°, 90°, 67.5°**

**Dust Collection
Integrated
Cyclonic High-
Efficiency Vacuum**

**Motor Power
2.2 kW(3.0 HP)**

**Spindle Speed
2800 RPM High
Torque**

**Blade Size
10" - 12"(254mm -
305mm)**

**Air Pressure
Requirements
Not Required**

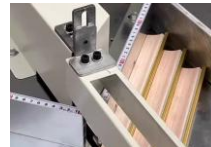
**CT300
Dust-Free Precision Miter Saw**

**HEAVY-DUTY | 95% DUST EXTRACTION | MULTI-ANGLE
CUTTING | CLEAN WORKSHOP | LOW NOISE | PRECISION**

Engineered for custom framers and galleries who demand a clean workspace. Unlike standard miter saws that spread dust everywhere, the SC-CT300 features a built-in high-performance dust extraction system. It captures over 90% of sawdust and debris directly at the source, protecting operator health and keeping your joining tables dust-free.



Ideally suited for cutting solid wood, MDF, and polymer mouldings. The machine features a solid cast-iron base and a "Fixed-Blade" structure to minimize vibration, ensuring glass-smooth cuts. It offers versatile angle adjustments, easily locking into 45°, 60°, 90°, and 67.5° for creating hexagonal, octagonal, and standard rectangular frames.

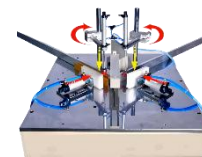


**CT400
Pneumatic Miter Saw**

**EASY TILT ADJUSTMENT | CHANGEABLE V-CHANNEL
INTELLIGENT TOUCHSCREEN | AUTO-CLAMPING SYSTEM**

Designed for manufacturers who need to cut Aluminium Alloy and high-density hardwoods without vibration. Unlike traditional chop saws, the CT400 features a "Fixed-Table, Moving-Blade" structure. The table remains stationary while the blade moves forward on precision rails, ensuring rock-solid stability and a burr-free finish on metal profiles.

Safety and precision are paramount. The machine is equipped with a powerful Auto-Pneumatic Clamping System. Simply press the foot pedal, and the clamps automatically secure the workpiece before the blade engages. This eliminates "kickback" risks and guarantees a cutting tolerance within ±0.05mm



**CT400
Pneumatic Aluminium
Saw**

**Max Cutting Width
160 mm
(6 1/4")**

**Max Cutting Height
100 mm
(4")**

**Cutting Angles
Multi-Angle Lock
45°, 60°, 90°, 67.5°**

**Dust Collection
Integrated
Cyclonic High-
Efficiency Vacuum**

**Motor Power
2.2 kW(3.0 HP)**

**Spindle Speed
2800 RPM High Torque**

**Blade Size
12" - 14"
(305mm - 355mm)**

**Air Pressure
Requirements
0.6 - 0.8 Mpa
(87 - 116 PSI)**



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