

QMAX



QMAX was established in 2014, focusing on the research and development of a full range of furniture machinery and equipment. We provide factory planning and automation production line solutions for furniture enterprises. QMAX also provide high-quality, efficient, and stable products along with excellent services. So far, we have served furniture and wooden door enterprises in over 70 countries and regions worldwide, and earned widespread recognition from our customers.

QMAX is recognized as a National High-Tech Enterprise and has been awarded the title of National "Little Giant" Specialized and Innovative Enterprise. Dedicated to the advancement of woodworking equipment, QMAX has obtained or applied for over 200 patents, including more than 70 invention patents and over 130 utility model and design patents. As a key drafting unit, QMAX have participated in formulating industry standards for "CNC Wood Panel Saw" and "CNC Woodworking Five-Sided Multi-Axis Drilling Machine".

In this rapidly evolving era, we firmly believe that breakthroughs and innovation are the driving forces behind societal progress. In a dynamic market, we firmly believe that continuous innovation is the base of business success. Focusing on products, striving for excellence, and continuously improving the value of products for customers is the spirit of QMAX.



# EDGE BANDER Machine

**Where Precision Meets Perfection.**

**Every detail matters.**

QMAX Edge Banding Machines are designed to deliver flawless edge finishing with exceptional accuracy, efficiency, and reliability—helping manufacturers achieve premium results in every project.



# EDGE BANDER

V322

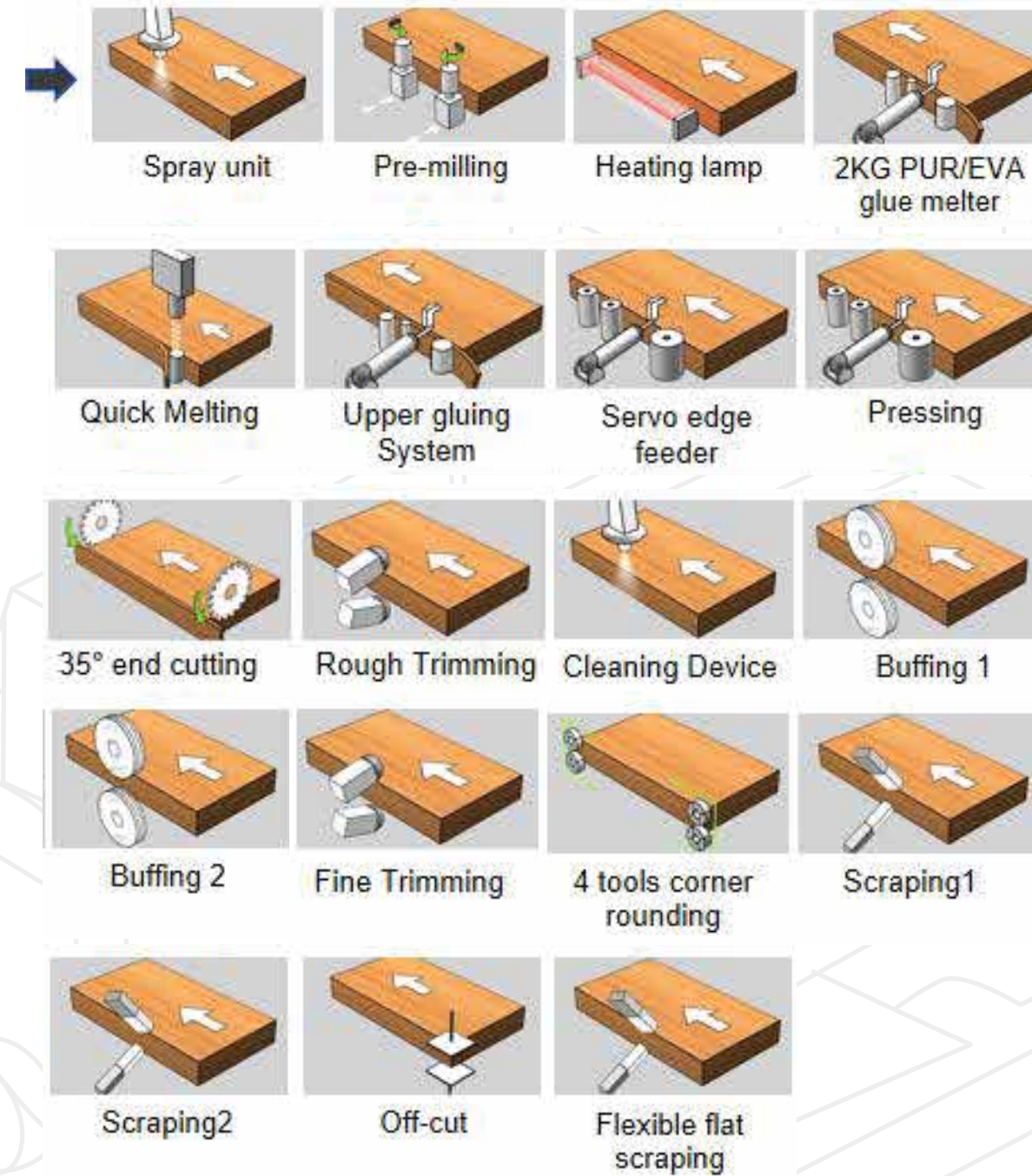


# Why Choose V322?

## ► Key Features:

- Heavy-duty steel frame for maximum stability.
- Integrated hardened guide rails for superior precision.
- 25 mm thick steel guide plates for long-lasting durability.
- Heavy-duty steel press beam for vibration-free operation.
- Uniform pressure distribution for premium machining quality.
- Precision-ground rollers ensure smooth panel movement.
- Reinforced lifting system for accurate vertical positioning.
- Powerful 7.5 kW servo motor with planetary gearbox.
- One-touch switching between edge banding modes.
- Supports mini panels starting from 300 × 400 mm.

## Edge Banding Process



# Description



## Notched edge banding process

Quick change over with one key on the screen; It can satisfy both standard edging and notch edging process.



## Narrow Board End Head Auxiliary Feeding

Specially designed for edge banding on narrow board end heads, with feeding that does not deviate, making feeding convenient, safe, and improving efficiency.



## V-Belt feeding

The workpiece is smooth and free of indentations.



## Skeleton Door Edge Sealing Process



## Heavy-Duty Base + Reinforced High-Strength Beam

Super-sized, integrated one-piece guide rail seat, heat-treated and annealed. The guide rail is mounted along a continuous integrated base with no gaps in between, providing exceptional stability. The significantly enhanced structural strength of the reinforced beam ensures its stability during high-intensity operation.



### Fully Intelligent Control System

- 1.Intelligent Heating (Automatically heats up according to preset time when machine is powered on);
- 2.Intelligent Insulation(Automatically maintains insulation when there is no incoming board for a set period of time);
- 3.Intelligent sleep mode (Customizable sleep timer to reduce energy consumption when machine is not in use);
- 4.Board Position Display;
- 5.Quick Positioning of Pressure Beam;
- 6.Fault log;
- 7.Operation log(Equipment running time, effective running time);
- 8.Production Report;
- 9.Piece Counting Function;



### Panel Heating Unit

When the temperature is low, heat the surface of the sheet to be glued before gluing to make the gluing stronger and the edge sealing more perfect



### Pre-Milling

65mm premilling cutter,

(Maximum milling depth should be <1mm)

Removes surface various defects from the panel edge to ensure optimal edge banding quality.



### Pressing

Includes 4 steel wheels + 1 silicone wheel mode. Quickly remove glue adhered to the pressure application wheels. The silicone wheel ensures a more secure adhesion.



### Gluing Unit2: Fast-Melting Adhesive + Upper Glue Pot Coating System + Automatic Glue Granule Supply

The adhesive amount is well-controlled, with good thermal conductivity, stable operation, uniform coating, stronger adhesion, and a more perfect edge sealing effect.



### 35° End cutting

Utilizes linear guide rails with sliders for high precision and durability. An automatic lubrication system extends equipment life. Pneumatic positioning enables accurate, stable trimming of short and thick panels.



### Four-Blade High-Speed corner rounding

Processes the chamfering of the board edges, ensuring smooth and aesthetically pleasing corners on all four corners of the board.



### Two sets of cutter scraping

Visual adjustment;  
90 degree horizontal cutter scraping mechanism, enlarged disc;  
Quick change over with one button for thick and thin tape thicknesses, perfectly removing knife marks left by trimming knives and refinement rounding.

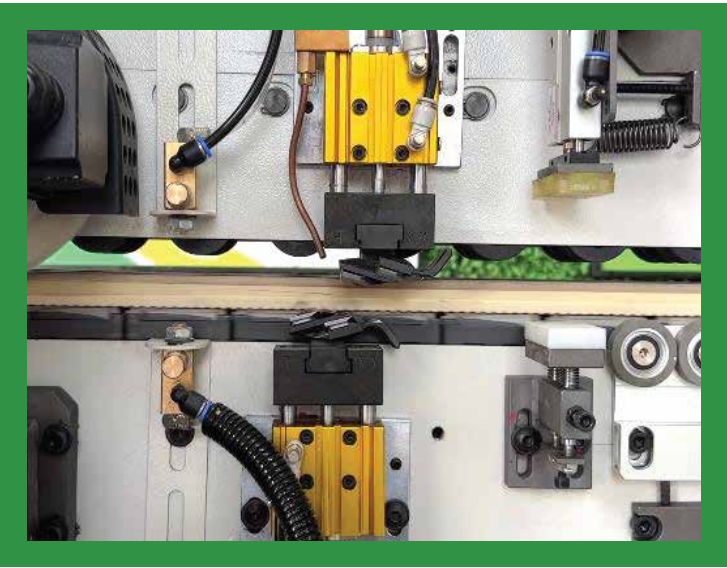


### Rough Trimming + Fine Trimming

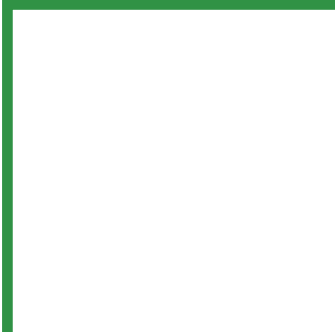
Visual adjustment;  
Rough Trimming: Quickly trim excess edge banding on the upper and lower sides of the edge banding to achieve a more perfect trimming effect.  
Fine Trimming: Trim the excess edge banding protruding from the upper and lower sides of the edge banding to an R-shaped corner, so that the upper and lower edges of the edge banding are flush and smooth with the upper and lower surfaces of the wood board.



### Different-shaped panels can be trimmed to fit



**Off cut+ Flexible Flat Scraper + Cleaning Agent Device**  
Off cut: Solves issues where scraped edge banding interferes with the flat scraper's operation or directly wraps around the buffing unit, causing jams and motor burnouts.  
Flexible flat edge scraping is utilized to remove excess hot melt adhesive from the workpiece surface. The cleaning agent device is used to dilute residual hot melt adhesive, making it easier to clean.



**Dual Quick-Release Buffing Units**  
Designed for different colors of board/glue combinations. Ensures the edge banding is glossy and cleaner in appearance.



**Double rows of gantry runners**  
Stainless steel inlet and outlet plates are equipped with auxiliary drag wheels as standard, which will not hurt the plates and will feed the plates more smoothly.



**Auxiliary Drag Wheel**  
Prevents damage to the board surface, ensuring stable movement along the conveyor belt and enhancing the stability of the edge banding process.



**Permanent Magnet Synchronous Motor for Conveying**  
Permanent magnet motor, 7.5KW, provides strong and stable power transmission.

## Technical Data

|                        |                                               |
|------------------------|-----------------------------------------------|
| Lifting                | CNC-controlled lifting                        |
| Feeding Speed          | 18/23/26 m/min                                |
| Edge Banding Thickness | 0.4-3mm                                       |
| Panel Thickness        | 7-45mm                                        |
| Panel Length           | >120mm                                        |
| Panel Width            | >100 mm                                       |
| Min.Panel size         | Non-tracking: 120×40mm<br>Tracking: 300×40 mm |
| Tracking Feed Speed    | <23 m/min                                     |
| Overall Dimension      | Approx. 9360*1000*1800 mm                     |
| Total Power            | Approx. 27.5 kw                               |



# EDGE BANDER

## HD6211C

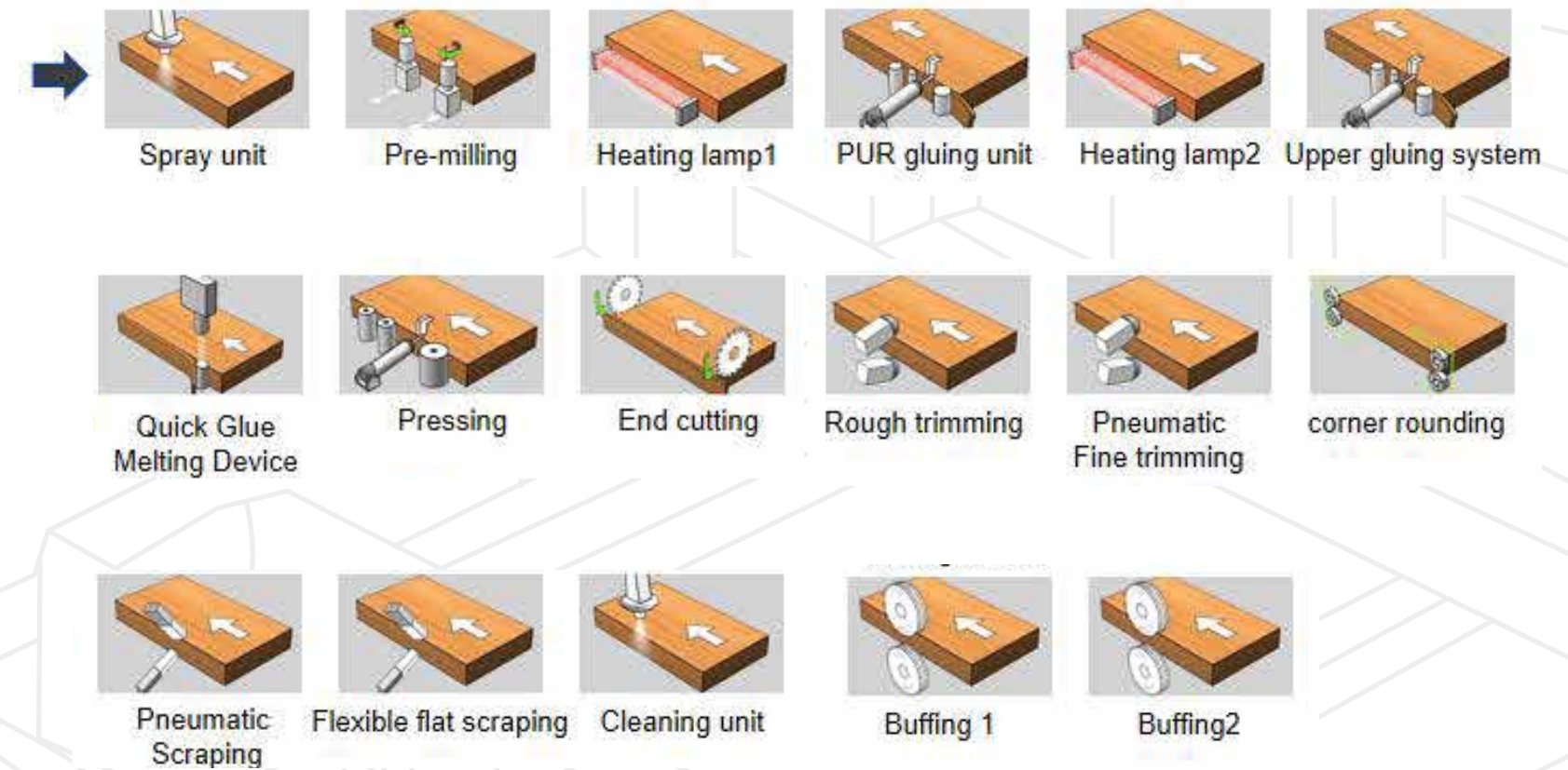


# Why Choose HD6211C?

## ► Key Features:

- Cost-effective narrow edge banding is available for a minimum edge width of 40 mm.
- The frame is made of high-strength structural steel plate for high stability, and the surface is anti-rust treated and baked at a high temperature.
- The new design of four heavy-duty lifting columns provides more stable operation.
- Gluing I: Two-colour PUR clean-free glue pot + two-colour PUR gluing machine (standard configuration).  
Gluing II: Quick-melting + automatic glue supply + upper glue pot with a reserved PUR interface.

## Edge Banding Process



# Description



## Control System

- 1 - Display of current and voltage values
- 2 - Intelligent IO monitoring
- 3 - Inverter error code display
- 4 - Automatic edge banding counter
- 5 - Intelligent inverter monitoring
- 6 - User-friendly interface.



## Industrial control integrated operation 21.5 inch

Touch screen and computer operation in one, easy to operate and maintain.



## Separation Agent Device

It serves a separation function to address the issue of hot melt adhesive contaminating the board surface after glue application.



## Panel Heating Unit

When the temperature is low, the heating unit warms the panel's gluing surface before glue application, ensuring a stronger bond and a more perfect edge sealing.



## Pre-Milling

40mm premilling tool height,  
(Maximum milling depth should be <1mm)  
Removes surface various defects from the panel edge to ensure optimal edge banding quality.



### **Gluing Unit2: Fast-Melting Adhesive + Upper Glue Pot Coating System + Automatic Glue Granule Supply**

The adhesive amount is well-controlled, with good thermal conductivity, stable operation, uniform coating, stronger adhesion, and a more perfect edge sealing effect.



### **Pressing Unit**

Each steel wheel is equipped with a glue scraper for quickly removing adhesive stuck to the pressing wheels; the silicone wheel ensures a stronger pressing effect.

- 1st has scraper
- 2nd has glue scraper
- 3rd & 4th no glue scraper



### **End cutting**

Quickly cutting the front and rear edge sealing tapes, with two saw blades aligned front and rear, achieving high precision and efficiency.



### **Corner rounding**

The corner rounding (chamfering) makes the four corners of the panel round and beautiful.



### **Rough trimming+ Pneumatic Fine trimming**

The excessive use of edge banding on both upper and lower sides facilitates rapid leveling, resulting in a more perfect edge finishing effect. Pneumatic adjustment, quick change over of screen; Ensuring that the upper and lower edges of the edge sealing tape are flush and smooth with the upper and lower surfaces of the wood board.



**Different-shaped panels can be trimmed to fit**



**Flexible Flat Scraper + Cleaning Agent Device**

Flexible Flat Scraper: Removes excess adhesive and impurities from the board surface, ensuring the workpiece is clean and aesthetically pleasing.

Cleaning Agent Device: Dilutes residual hot melt adhesive, making the board surface easier to clean.



**Deceleration motor**  
4kw power, stable operation.



**Pneumatic Scraping**

Independent scraping and scraper separation box;  
Pneumatic adjustment with quick change over of screen;  
Remove the knife marks left by the trimming knife and refine the rounded corners (R) further.



**2 sets buffing**

Remove excess glue residue to make the edge sealing tape smoother and cleaner.

# Technical Data

|                      |                         |
|----------------------|-------------------------|
| Lifting              | Electric lifting        |
| Feed Speed           | 14/20/23 m/min          |
| Overall Dimension    | About. 7300*900*1700 mm |
| Total Power          | About 18kw              |
| Edge Thickness       | 0.4-3mm                 |
| Width                | About 3000kg            |
| Min.sheet size       | 120×80mm                |
| Working Air Pressure | 0.6MPa                  |



# EDGE BANDER

## HD511J

**QMAX**  
MAXIMUM PRECISION. MAXIMUM VALUE.

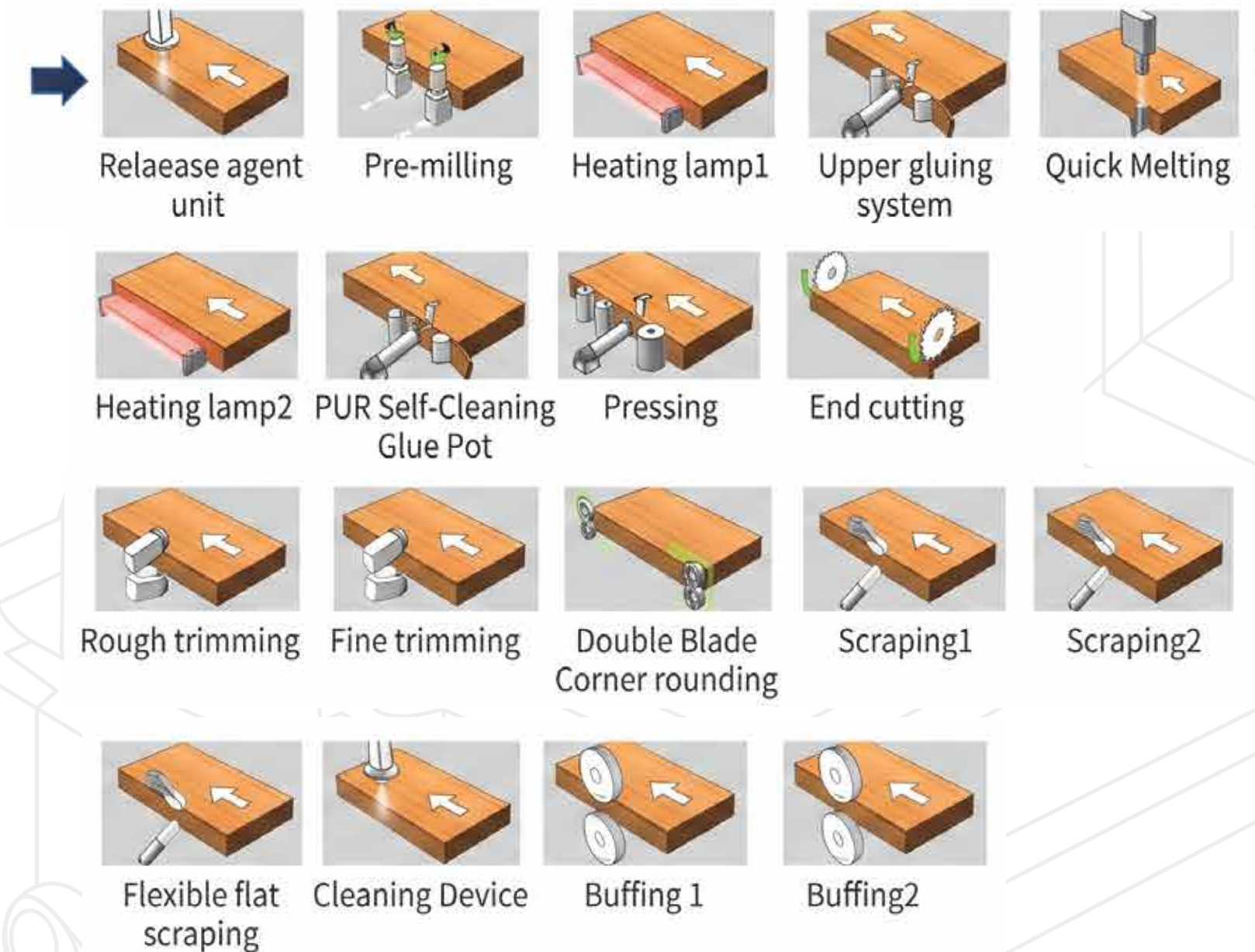


# Why Choose HD511J?

## ► Key Features:

- Fully enclosed heavy-duty frame for maximum strength, stability, and durability.
- Electric pressure beam lifting for higher efficiency and precise operation.
- 250 mm extended feeding plate for smooth processing of long panels.
- One-touch notch avoidance with quick screen adjustment.
- Automatic tape detection alarm to prevent missing tape and ensure consistent edging quality.
- Diamond pre-milling & trimming cutters with a 65 mm pre-milling cutter for clean, accurate finishes.
- Dual quick-change glue pots for continuous production and reduced downtime.
- Easy-to-adjust trimming & scraping units with digital readout.
- 35 mm hinge hole avoidance for uninterrupted edge banding.
- Rocker-type pressure rollers for smooth and stable edge strip application.

## Edge Banding Process



# Description



## Notch Edging Process

Quick change over at the touch of a button;  
It can satisfy both standard edging and notch edging process.



## Extended feeding plate

250mm longer feeding plate, flush with  
the guide plate, conveying long boards  
more accurately.



## Pre-Milling

65mm premilling cutter,  
(Maximum milling depth should be <1mm)  
Removes surface various defects from the panel  
edge to ensure optimal edge banding quality.



## Control System

- Real-time current and voltage display
- Intelligent I/O monitoring
- Inverter fault code display
- Automatic edge counting
- Smart inverter monitoring
- User-friendly intelligent interface



## Notch Edging Process

Quick change over at the touch of a button;  
It can satisfy both standard edging and notch edging process.



### Panel Heating Unit

When the temperature is low, the heating unit warms the panel's gluing surface before glue application, ensuring a stronger bond and a more perfect edge sealing.



### No tape alarm device

When detecting the lack to tape, it will alarm and prompt on the upper screen to ensure that the edging quality will not be affected due to the lack of edging tape and improve the efficiency of work.



### End cutting

Utilizes linear guide rails with sliders for high precision and durability. An automatic lubrication system extends equipment life. Pneumatic positioning enables accurate, stable trimming of short and thick panel.



### Gluing Unit: Fast-Melter + Upper Glue Pot + Automatic Glue Granule Supply

The adhesive amount is well-controlled, with good thermal conductivity, stable operation, uniform coating, stronger adhesion, and a more perfect edge sealing effect.



### Pressing Unit

Each steel wheel is equipped with a glue scraper for quickly removing adhesive stuck to the pressing wheels; the silicone wheel ensures a stronger pressing effect.



### Pneumatic Fine trimming

Rounds the excess edge tape on the top and bottom into an R-shaped arc, ensuring the edge is smooth and flush with the panel surface.



Different-shaped panels can be trimmed to fit



### Flexible Flat Scraper + Cleaning Agent Device

Flexible Flat Scraper: Removes excess adhesive and impurities from the board surface, ensuring the workpiece is clean and aesthetically pleasing.  
Cleaning Agent Device: Dilutes residual hot melt adhesive, making the board surface easier to clean.



### Corner rounding

The corner rounding (chamfering) makes the four corners of the panel round and beautiful.



### Pneumatic Scraping

Independent scraping and scraper separation box; Pneumatic adjustment with quick change over of screen; Eliminates cutter marks and refines the R-rounded corners left by fine trimming for a smooth final surface.

## Technical Data

|                      |                  |
|----------------------|------------------|
| Lifting              | Electric lifting |
| Feed Speed           | 14/20/23m/min    |
| Edge Band Thickness  | 0.4-3mm          |
| Board Thickness      | 10-60mm          |
| Min.Board Length     | >120mm           |
| Working Air Pressure | 0.6MPa           |
| Min.Board size       | 120×60mm         |
| Weight               | About3500kg      |



**Buffing**

Removes glue marks and makes the edge band and panel surface for a smooth and clean finish.

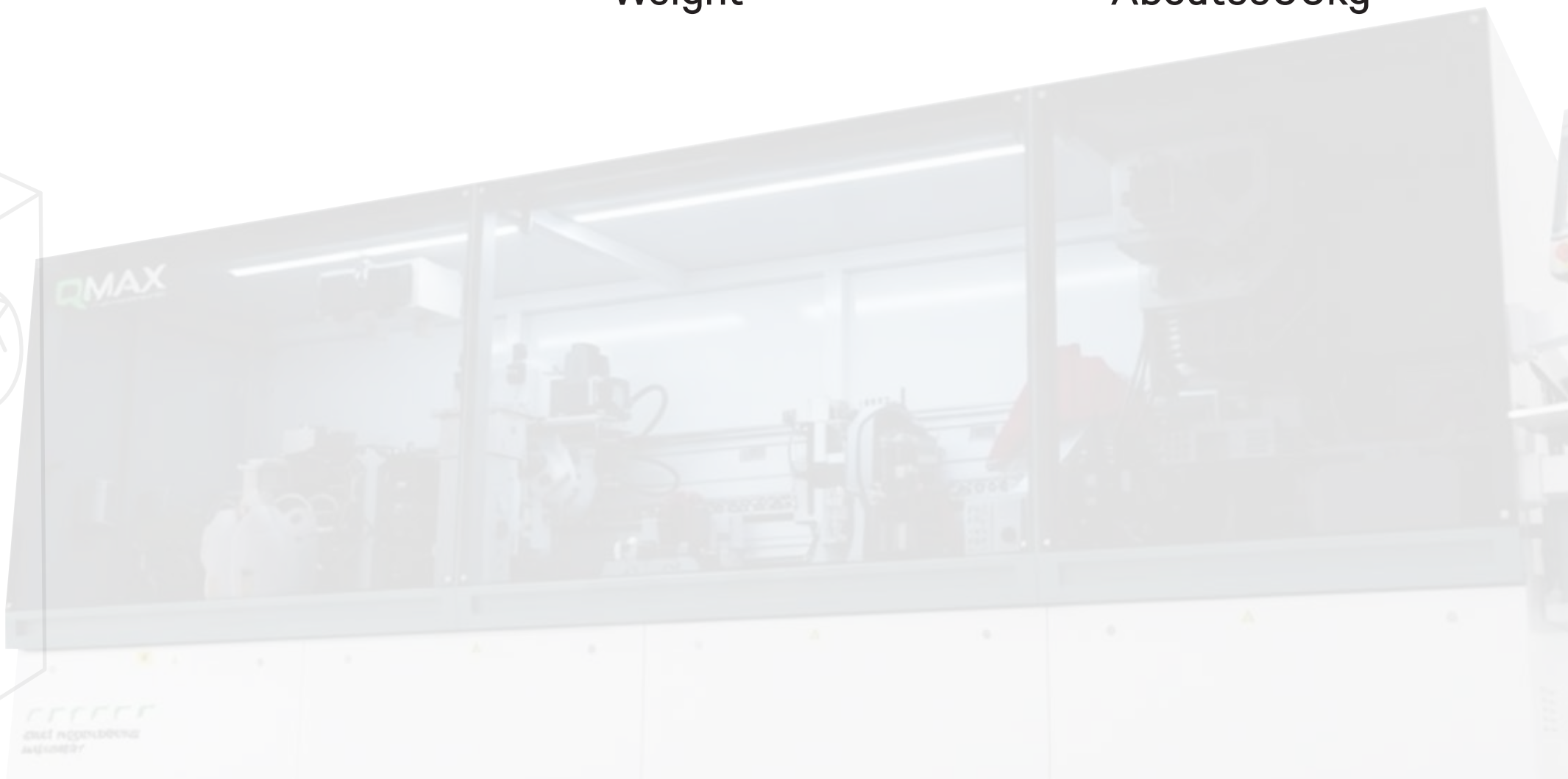


**Rocker type fluent strip**



**Deceleration motor**

stable operation.



# EDGE BANDER

## HD211J

**QMAX**  
MAXIMUM PRECISION. MAXIMUM VALUE.

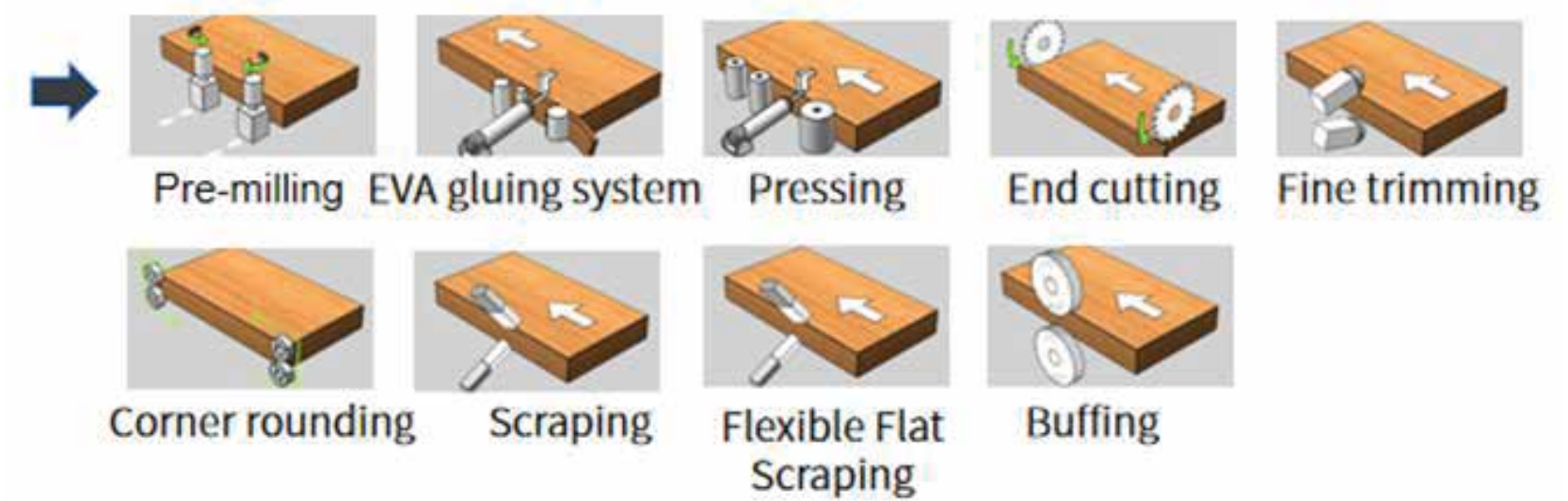


# Why Choose HD211J?

## ► Key Features:

- Heavy-Duty Steel Frame for maximum stability and long-lasting durability.
- Anti-Rust & High-Temperature Coating ensures excellent corrosion resistance and extended machine life.
- Electric Press Beam Lifting improves efficiency, precision, and operator comfort.
- Reliable Branded Conveyor Reducer delivers consistent power and dependable performance.
- Glue Scraping Function provides cleaner edge finishing and superior product quality.

## Edge Banding Process



# Description



## Pre-Milling

(Maximum milling depth should be 1mm)  
removes surface various defects from  
the panel edge to ensure optimal  
edge banding quality.



## Fine trimming

Rounds the excess edge tape on the top  
and bottom into an R-shaped arc,  
ensuring the edge is smooth  
and flush with the panel surface.



## End cutting

Utilizes linear guide rails with sliders for high  
precision and durability. An automatic  
lubrication system extends equipment life.  
Pneumatic positioning enables accurate,  
stable trimming of short and thick panel.



## Pressing & Glue Scraping

Strong pressing force makes the edge band  
adhere tightly.  
Scrapes off excess glue for minimal glue  
lines and a clean finish



## EVA Gluing System

Precise glue control, excellent thermal  
conductivity, stable operation, uniform glue  
coating, and strong adhesion for optimal edge result.



### Corner Rounding

Processes the corners of the panel into smooth, rounded chamfers for a more aesthetic finish.



### Glue Scraper

Patented technology for removing excess glue from the surface of workpieces.



### Scraping

Eliminates cutter marks and refines the R-rounded corners left by fine trimming for a smooth final surface.



Different-shaped panels can be trimmed to fit



### Reducer

Equipped with a 2.2 kw motor for stable and powerful performance.

## Technical Data

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| Total Power          | Approx. 14.5 kw                                                              |
| Dimensions (L*W*H)   | Approx. 5090*750*1260 mm                                                     |
| Feed Speed           | 8/12 m/min                                                                   |
| Edge Band Thickness  | 0.4-3 mm                                                                     |
| Board Thickness      | 10-60 mm                                                                     |
| Min. Board Length    | 120 mm                                                                       |
| Min.Board Width      | 100 mm                                                                       |
| Working Air Pressure | 0.6 MPa                                                                      |
| Min.Board Size       | 120*60mm(without corner rounding)<br>120*100mm/60*300mm with corner rounding |



### Buffing

Removes glue marks and makes the edge band and panel surface for a smooth and clean finish.



### Rubber coated supporting roller

Rubber-coated support wheels are installed in front and rear of the support rollers to prevent panel damage during feeding and un loading



# EDGE BANDER

## HD210

**QMAX**  
MAXIMUM PRECISION. MAXIMUM VALUE.

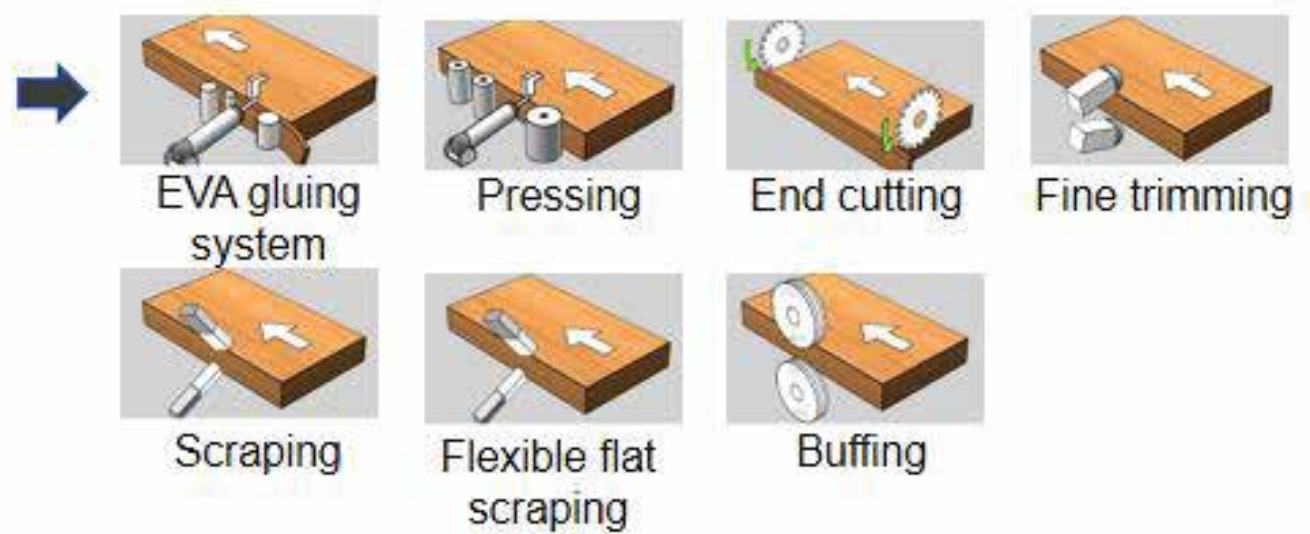


# Why Choose HD210?

## ► Key Features:

- Compact and economic model for smart factory
- Electric Press Beam Lifting:  
Reduces labor intensity while improving efficiency and accuracy.
- Front and Rear End Cutting:  
Features linear guide rails and sliders for high precision and durability.
- Flat Scraping:  
Ensures smooth and clean edges.

## Edge Banding Process

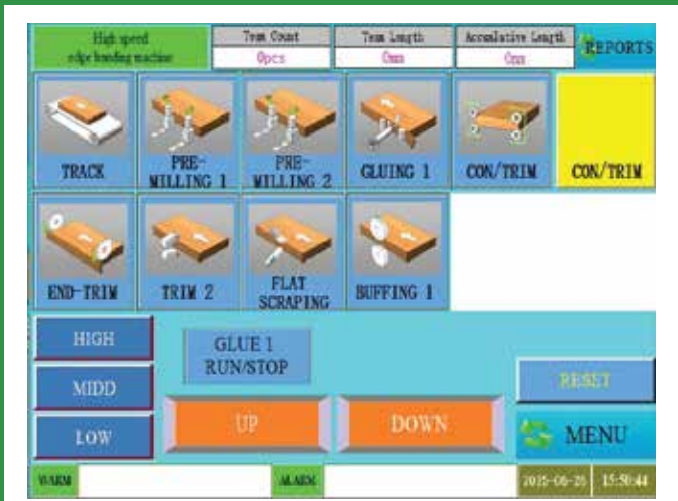


## Technical Data

|                      |                          |
|----------------------|--------------------------|
| Lifting              | Electric lifting         |
| Feed Speed           | 8/12 m/min               |
| Edge Band Thickness  | 0.4-3mm                  |
| Board Thickness      | 10-60mm                  |
| Min.Board Length     | >120mm                   |
| Min.Board Width      | >100 mm                  |
| Min.Board size       | 120×60mm                 |
| Working Air Pressure | 0.6MPa                   |
| Dimension (L*W*H)    | Approx. 3650*750*1260 mm |



# Description



## Control System

- Real-time current and voltage display
- Intelligent I/O monitoring
- Inverter fault code display
- Automatic edge counting
- Smart inverter monitoring
- User-friendly intelligent interface



## Pressing & Glue Scraping

Strong pressing force makes the edge band adhere tightly. Scrapes off excess glue for minimal glue lines and a clean finish.



## EVA Gluing System

Precise glue control,exellent thermal conductivity, stable operation, uniform glue coating, and strong adhesion for optimal edge result.



## Fine trimming

Rounds the excess edge tape on the top and bottom into an R-shaped arc. ensuring the edge is smooth and flush with the panel surface.



## End cutting

Utilizes linear guide rails with sliders for high precision and durability. An automatic lubrication system extends equipment life. Pneumatic positioning enables accurate, stable trimming of short and thick panel.



### Scraping

Eliminates cutter marks and refines the R-rounded corners left by fine trimming for a smooth final surface.



### Buffing

Removes glue marks and makes the edge band and panel surface for a smooth and clean finish.



### Rubber coated supporting roller

Rubber-coated support wheels are installed in front and rear of the support rollers to prevent panel damage during feeding and un loading



### Glue Scraper

Patented technology for removing excess glue from the surface of workpieces.



### Reducer

Equipped with a 1.5 kw motor for stable and powerful performance.

# CNC Machine

CNC Machines are the cornerstone of modern woodworking, delivering exceptional precision, speed, and consistency in every cut.

Designed to automate complex machining processes, they help manufacturers increase productivity, reduce material waste, and achieve flawless results across a wide range of furniture and interior applications.



# CNC machine

## HB621J



# Why Choose HB621J?

## ► Key Features:

- **Tool Automatic Tool Changer**

Automatically switches between six tools without manual intervention, enabling multiple machining operations in a single cycle for maximum productivity.

- **Dual Drill Technology**

Simultaneously performs drilling operations, significantly reducing machining time and increasing production efficiency.

- **High-Precision Positioning System**

Intelligent positioning ensures exceptional accuracy for rectangular, arc-shaped, and irregular panels.

- **Optimized Small Panel Processing**

Specially designed gripper provides superior stability and precision when machining small workpieces.

- **Spindle Vertical Drilling**

Drills multiple holes simultaneously, increasing productivity while maintaining consistent accuracy.

- **Precision Rack & Pinion Transmission**

DIN6-grade precision rack system delivers smooth motion, high accuracy, long service life, and low maintenance requirements.

- **Simultaneous Top & Bottom Slotting**

Performs upper and lower slotting in a single operation, saving valuable production time.

- **Mirror Processing**

Machines two identical panels simultaneously, doubling productivity and improving manufacturing efficiency.

- **DXF File Compatibility**

Directly imports DXF files from CAD software, simplifying programming and reducing setup time.

- **Automatic Panel Recognition**

Automatically reads panel dimensions and machining information for faster setup and fewer operator errors.

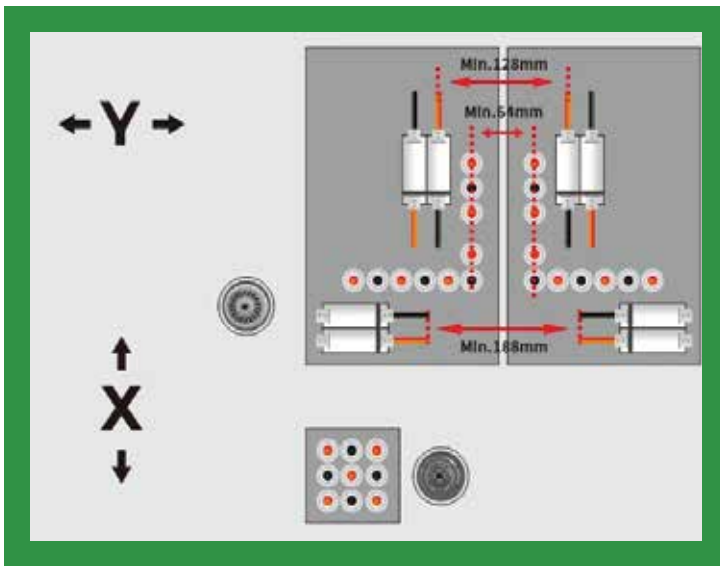
- **Machining Simulation Function**

Verifies machining paths before production, minimizing errors, material waste, and downtime..

- **Enhanced Dust Extraction System**

Additional dust collection port keeps the working area cleaner, improving machining quality and extending machine life.

# Description



## Drill bank layout

Upper unit: 2 sets of drill head,  
1 set of ATC spindle  
Down unit: 1 set of drill head,  
2 sets of milling cutter  
Upper drill bank:  
(10 vertical bits, 6 horizontal bits)\*2  
Down drill bank: 9 vertical bits



## Two bottom spindles

Two spindles down for different milling cutters.  
Avoid tool changing for different milling process.



## Intelligent upper positioning device+ Intelligent side support

Equipped with diagonal centering positioning,  
the positioning of circular arc workpieces and  
banana-shaped workpieces is not affected.  
Automatically measures panel width and  
corrects placement errors in a timely manner.



## Six tool magazine



## Double linkage gripper

Two grippers are controlled by servo and  
the positioning is accurate. When the gripper  
moves quickly, the lower gripper plate sinks to  
avoid touching the panel.  
The gripper has blowing function, which can  
blow off the dust on the gripper and  
avoid pinching the panel.



### Independent floating support

Floating support ensures even pressure, improving machining accuracy.



### Compressed Air Booster

Maintains stable pressure for precise drilling depth.



### High precision rack

High-hardness alloy steel, high load capacity, smooth running, and low noise.



### Stabilizing Components

Pressure-Stabilizing Air Tank: Ensures consistent working pressure.



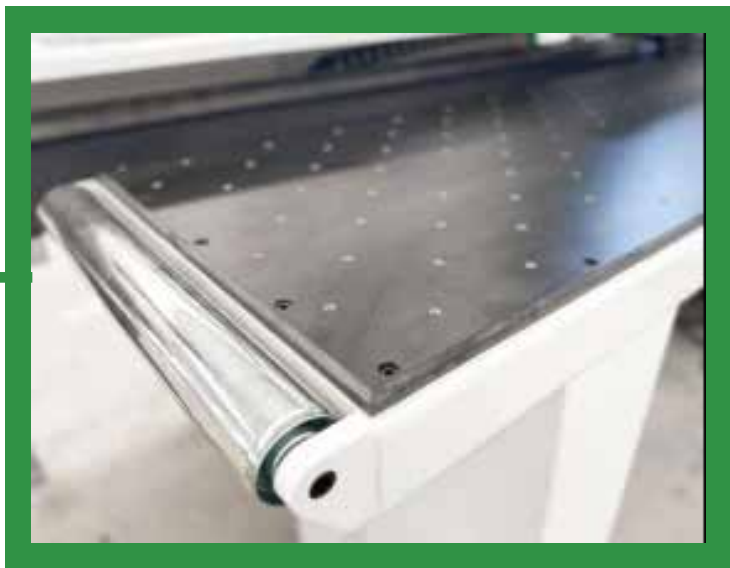
### High-precision steel dust-proof guide rail

German ROST brand;  
Dual metal dust-proof scraper slides, steel belt dust-proof high-precision guide rail; prevents dust accumulation in screw holes covered by plastic caps, thereby extending the service life of the slides.

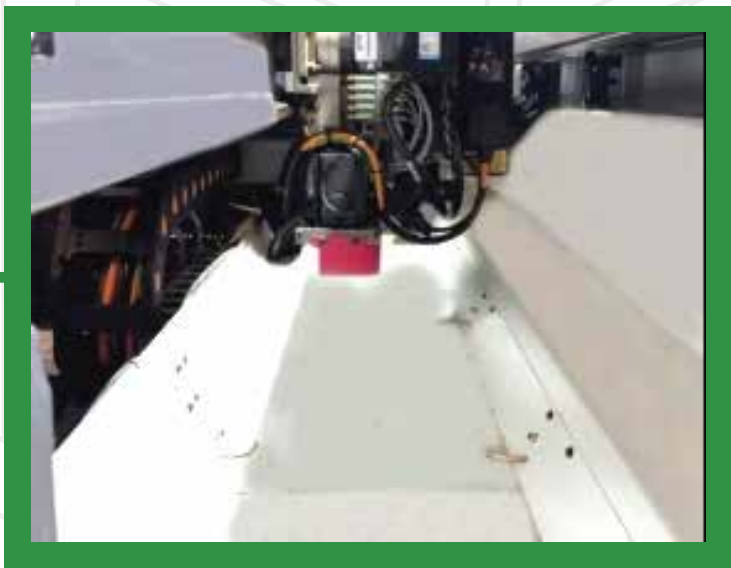


### Automatic lubrication system

Adjustable automatic lubrication, it extends the service life of equipment.



### Air floating loading table



### Dust collection channel

Equipped with a blowing function, it quickly collects wood shavings, dust, and other debris from the bottom of the equipment and directs them to the vacuum inlet.



### Electric control system

The low-voltage electrical equipment is selected from famous brand, which has strong anti-interference ability and ensures smoother and stabler operation of the equipment.



### Scan to process

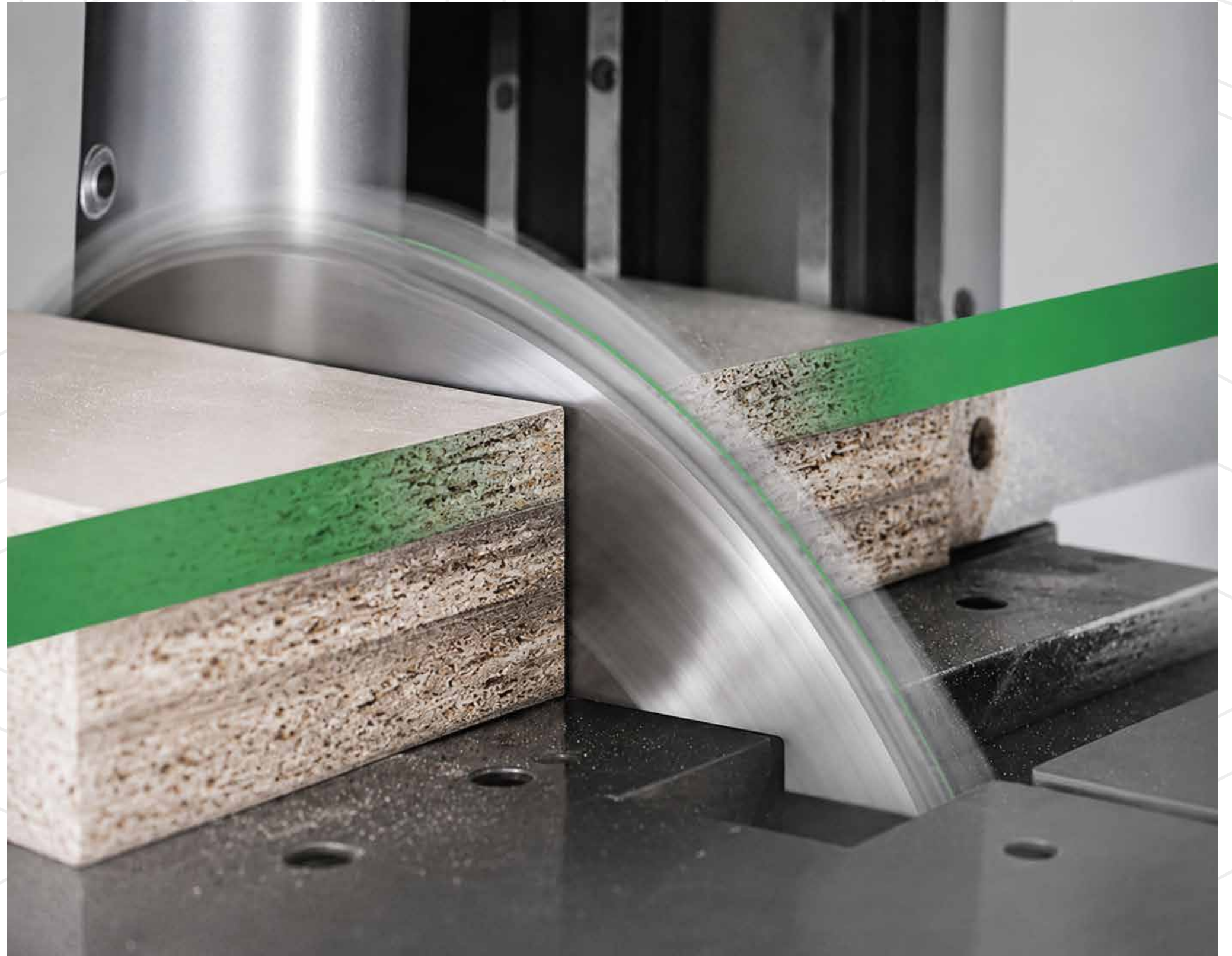
# Technical Data

|                       |                        |                            |
|-----------------------|------------------------|----------------------------|
| Basic parameters      | Size                   | 5900* 2960* 2500mm         |
|                       | Weight                 | 2900kg                     |
|                       | Total power            | 27.8kw                     |
|                       | Dust extraction port   | Up:200mm*2<br>Down: 150mm  |
| Milling spindle       | Spindle motor power    | Up:6kw*1ATC<br>Down: 6kw*2 |
|                       | Spindle rotation speed | 18000rpm                   |
| Max.positioning speed | X axis                 | 130m/min                   |
|                       | Y axis                 | 100m/min                   |
|                       | Z axis                 | 30m/min                    |
|                       | A axis                 | 60m/min                    |
|                       | U axis                 | 130m/min                   |
|                       | V axis                 | 100m/min                   |
|                       | W axis                 | 30m/min                    |

|                                   |                                              |                    |
|-----------------------------------|----------------------------------------------|--------------------|
| Boring unit                       | Up vertical drilling head                    | 10*2               |
|                                   | Up horizontal drilling head                  | X:(2+2)*2    Y:2*2 |
|                                   | Down vertical drilling head                  | 9                  |
| Panel size                        | Min. width                                   | 30mm               |
|                                   | Max. width                                   | 1200mm             |
|                                   | Min. length                                  | 70mm               |
|                                   | Max. length                                  | 3300mm             |
|                                   | Min. thickness                               | 9mm                |
|                                   | Max. thickness                               | 55mm               |
| Dual-Drill Simultaneous Machining | Vertical drill min. processing size          | 64mm               |
|                                   | Horizontal drill X-direction min. processing | 128mm              |
|                                   | Horizontal drill Y-direction min. processing | 188mm              |

# Table Saw Machine

The Table Saw is an essential woodworking machine designed for fast, accurate, and clean cutting of wood panels and boards. Engineered for precision and efficiency, it delivers smooth, straight cuts with excellent stability, making it the ideal solution for furniture manufacturing, cabinetry, and woodworking workshops.



# Table Saw machine

## HP380D



# Why Choose HP380D?

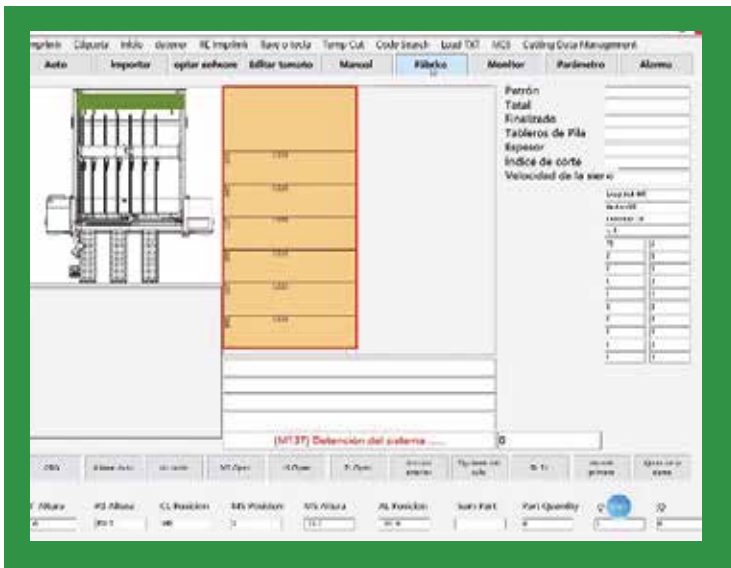


## ► Key Features:

- Exceptional Cutting Accuracy – Servo-controlled main and scoring saws deliver precise positioning with accuracy up to 0.1 mm, ensuring flawless cutting results.
- 25% Higher Cutting Efficiency – The intelligent pressure beam automatically adjusts to panel thickness, reducing idle movement and increasing productivity.
- Servo-Controlled Main & Scoring Saw – Fast and precise blade height, groove depth, and scoring adjustments provide maximum flexibility and superior cut quality.
- Scratch-Free Panel Handling – The chrome-plated steel worktable protects panel surfaces from scratches while ensuring smooth material movement.
- Handles Large Panels with Ease – A 2,800 mm air flotation table allows effortless handling of large and heavy panels.
- Smart PC Control System – Intuitive touchscreen interface for easy operation, cutting plan management, troubleshooting, and process control.
- Industry 4.0 Ready – Compatible with cutting optimization software, barcode management systems, and factory automation solutions.
- Optimized Saw Carriage Positioning – Automatically selects the most efficient cutting position, reducing travel distance and improving productivity.
- Heavy-Duty Steel Construction – Welded and precision-machined steel frame ensures outstanding rigidity, long-term stability, and consistent cutting accuracy.
- Superior Stability During Operation – Four-point saw carriage support minimizes vibration, delivering smoother operation and cleaner cuts.
- Built for Continuous Production – The reinforced pressure beam resists deformation during long-term operation, ensuring consistent performance and reliable cutting quality.



# Description



## Industrial Control Computer

Integrated touch-screen industrial control PC, user-friendly and easy to operate.



## Extended First Air Flotation Table

Makes loading large panels easier and more convenient.



## Main Saw Servo Lifting System

Capable of grooving, with freely adjustable groove depth and width. The saw blade lifting height is adjustable.



## Lable Printer



## High-Quality Chrome-plated Steel Table Surface

Protects panel surfaces and reduces scratching.



## Scoring saw with servo adjustment

Quick alignment adjustment and depth adjustment.



## Rubber-Coated Dual-Finger Grippers



## Quick-start Pull Lever



## Upper Side Support

When the saw carriage is in operation, the side support operates independently without affecting cutting efficiency.

This addresses the issue of the electronic saw's side support system maintaining continuous contact with the board throughout the entire process without compromising the saw carriage's cutting efficiency.



## High-Precision Panel-Gripping Mechanical Arm

Servo-driven, high positioning accuracy,  
stable and efficient.

# Technical Data

|                           |                            |
|---------------------------|----------------------------|
| Weight                    | Approx. 4800kg             |
| Total Power               | Approx. 23kw               |
| Machine Size              | Approx. 7000*6000*2200mm   |
| Cutting length            | 3800mm                     |
| Cutting width             | 3800mm                     |
| Maximum blade projection  | 100 mm intelligent lifting |
| Main Saw Blade            | 400*4.4*75*84T             |
| Grooving Saw Blade        | 160*4.3/3.2*45*24T         |
| Saw Carriage Feed Speed   | 5-100m/min                 |
| Saw Carriage Return Speed | 0-100m/min                 |
| Mainipulator Feed Speed   | 0-100m/min                 |
| Mainipulator Return Speed | 0-100m/min                 |
| Side Press Device         | Top 1 roller- aligner      |
| Main Saw Motor Power      | 25kw                       |
| Grooving Saw Motor Power  | 2.2kw                      |
| Saw Carriage Servo Motor  | 1.8kw                      |
| Feeding Servo Motor       | 1.8kw                      |
| Gripper Quantity          | 10PCS                      |
| Blower Power              | 2.2kw                      |



# Table Saw machine

## MJ320DI



# Why Choose MJ320DI?

## ► Key Features:

- Extra-Wide Sliding Table (430 mm) – Provides superior support for large panels, improving stability, cutting accuracy, and overall efficiency.
- Multi-Point Locking System – Ensures smooth, stable panel movement while minimizing vibration for cleaner, more precise cuts.
- Electric Main Saw Lifting – Allows quick and effortless blade height adjustment, improving convenience and reducing setup time.
- 45°–90° Blade Tilting – Offers maximum flexibility for both straight and bevel cuts, making the machine suitable for a wide range of woodworking applications.
- High-Precision Chromium Steel Guide Rail – Delivers smooth, accurate movement with excellent wear resistance for long-lasting performance.
- Built for Long Service Life – Premium materials and a durable guide rail system ensure consistent accuracy and reliable operation over years of use.

## Technical Data



|                              |           |
|------------------------------|-----------|
| Sliging table length         | 3200mm    |
| Max. main sae blade diameter | 350mm     |
| Max. working height          | 90mm      |
| Scoring saw spindle speed    | 8500r/min |
| Main saw spindle speed       | 4200r/min |
| Scoring saw blade diameter   | 120*20mm  |
| Main saw motor power         | 5.5kw     |
| Scoring saw motor power      | 1.1kw     |
| Total power                  | A6.35kw   |

### Packing

Iron pallet for machine body:  
2250\*1150\*1220mm;  
Poly wood box for sliding table:  
3300\*460\*290mm



# Description



**Operation control system**



**Aluminum alloy middle scale**

It is made of high strength extruded aluminum alloy with strong stability and high precision.



**Double saw blade design + high speed motor**

Double saw blade: the small saw is for marking, and the big saw is for cutting, so that the cutting panel will not have edge collapse and burr.  
High speed motor: 5.5kW and 0.75KW motor, strong power, long service life.



**European style parallel fence**

Stable and accurate. Angle adjustable.



**A set of digital readouts for measuring**

## Description



Manual lifting and forward/backward for scoring saw



Adjustable rip fence



# Table Saw machine

## MJ320D



# Why Choose MJ320D?

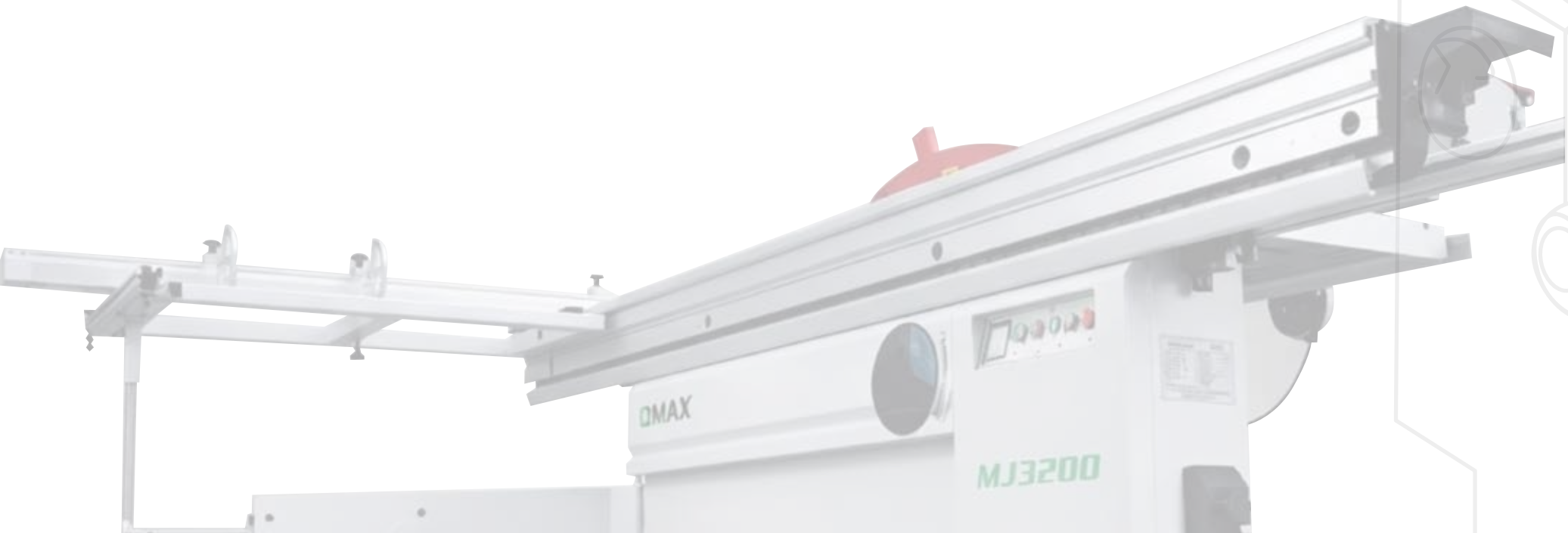
## ► Key Features:

- 430 mm Wide Sliding Table provides superior support for large panels, ensuring smoother and more efficient cutting.
- Multi-Point Locking System enhances stability and cutting accuracy.
- Electric Main Saw Lifting allows quick, effortless height adjustment for improved productivity.
- 45°–90° Blade Tilting offers versatile cutting for both straight and bevel applications.
- High-Precision Chromium Steel Guide Rail ensures smooth operation, exceptional accuracy, and long-lasting durability.

## Technical Data



|                              |                                                                                                          |
|------------------------------|----------------------------------------------------------------------------------------------------------|
| Sliging table length         | 3200mm                                                                                                   |
| Max. main sae blade diameter | 350mm                                                                                                    |
| Max. working height          | 90mm                                                                                                     |
| Scoring saw spindle speed    | 8500r/min                                                                                                |
| Main saw spindle speed       | 4200r/min                                                                                                |
| Scoring saw blade diameter   | 120*20mm                                                                                                 |
| Main saw motor power         | 5.5kw                                                                                                    |
| Scoring saw motor power      | 0.75 kw                                                                                                  |
| Min. Board Size              | Iron pallet for Machine body:<br>2250*1150*1220mm;<br>Poly wood box for sliding table:<br>3300*460*290mm |



# Description



**Operation control system**



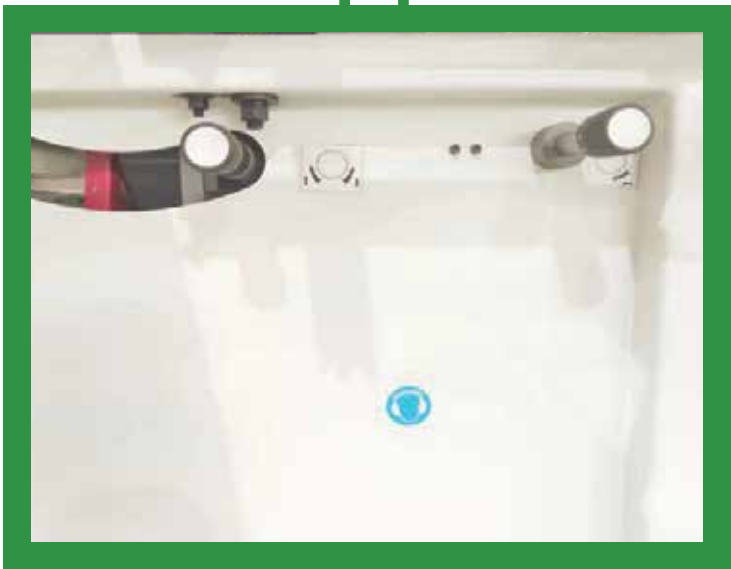
**Aluminum alloy middle scale**

It is made of high strength extruded aluminum alloy with strong stability and high precision.



**Double saw blade design + high speed motor**

Double saw blade: the small saw is for marking, and the big saw is for cutting, so that the cutting panel will not have edge collapse and burr.  
High speed motor: 5.5kW and 0.75KW motor, strong power, long service life.



**Manual lifting and forward/backward for scoring saw**



**European style parallel fence**  
Stable and accurate. Angle adjustable.



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