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## ANNT GROUP

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### PANEL-TYPE WOODWORKING MACHINE MANUFACTURING

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### SOLIDWOOD WOODWORKING MACHINE MANUFACTURING

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### SURFACE TREATMENT MACHINE MANUFACTURING

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安特集团  
ANNT GROUP

BOARDS CUTTING MACHINE  
EDGE BANDING MACHINE  
BORING MACHINE  
SURFACE TREATMENT MACHINE  
CNC SOLIDWOOD PRODUCTION MACHINE

**FOCUS ON FURNITURE PRODUCTION AUTOMATION**



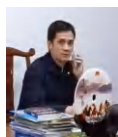
## COMPANY PROFILE

Since 2003, Annt Group integrates with R&D, fabrication, sale and service together on kinds of woodworking machines. We have very wide range of products which can form automation production lines according to the various requirements, therefore can generate higher value for the customers and help our customer's factories owning some individual machines by combining them to set up automation production lines. With such upgrade resulted in labor savings and higher efficiency, hence increased their competitiveness. Annt Group encourage innovation, the unique designs of our machines are inspired by western machanism theory and eastern aesthetics. Moreover, we pay attention to details designing, together with strict quality control system to make our machines durable use. Because of these, our products are very welcome whatever in China or worldwide customers. We are continuously extending our sales partners and services all over the world, products are being sold to USA, Europe, Australia, Canada, North and South America, Middle East, South East Asia, Middle East, Africa countries and regions. Annt Group pay attention to the teamwork, based on our professional teammates, advanced management, qualified products and excellent service, we are now becoming the significant brand in woodworking machinery field. In the future, we will keep focusing on the innovation to make more and more high quality machines, to devote our value to uplift the technology of furniture production.

## ANNNT GROUP TEAM



**Mr. David Chow**, G.M of Annt Group, Sales consultant for all belonging brands. More than 15 years experience with cnc machines. Very good at the solutions for panel-type furniture production.



**Mr. Xianbin Shu**, Vice G.M of Annt Group, G.M of Xinhuahua brand. More than 20 years experience with kinds of solid wood machineries. Very good at machine's design and make solutions for solid wood furniture producing.



**Mr. Hao Xiao**, Producing Manager of Annt Group, G.M of HKJ Brand. More than 15 years experience with woodworking machine's factory management.



**Mr. Hongwei Yang**, Quality Control Manager of Annt Group. More than 20 years woodworking machinery experience. Very good at the solutions for all kinds of furniture production.



**Mr. Shihua Liang**, After Sales Manager of Annt Group, more than 15 years experience in woodworking machine's maintenance. Very good at automatic production line's solutions.

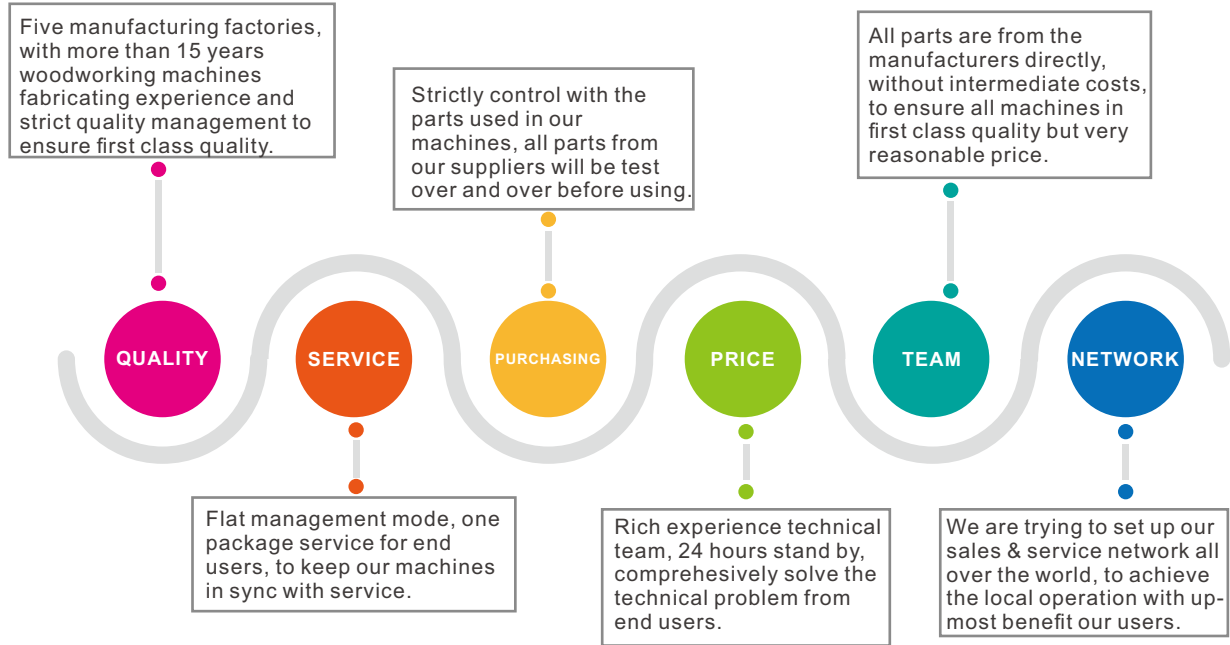


**Mr. Bupesh**, Representative of Annt Group, sales consultant for all belonging brands in India. With more than 3 years experience in woodworking machinery sales. Very good at all panel-type furniture machinery and woodworking machinery from our esteemed company sales and after sales solutions in India.





# WHY US



# CUSTOMERS



# PRODUCT INDEX

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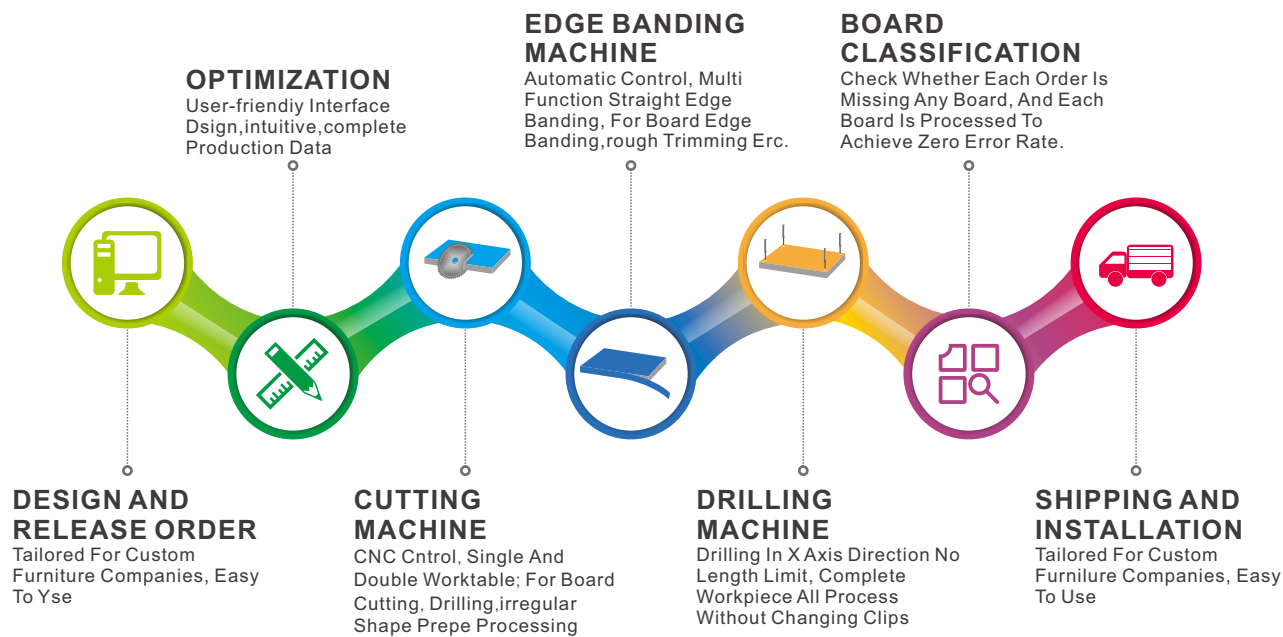
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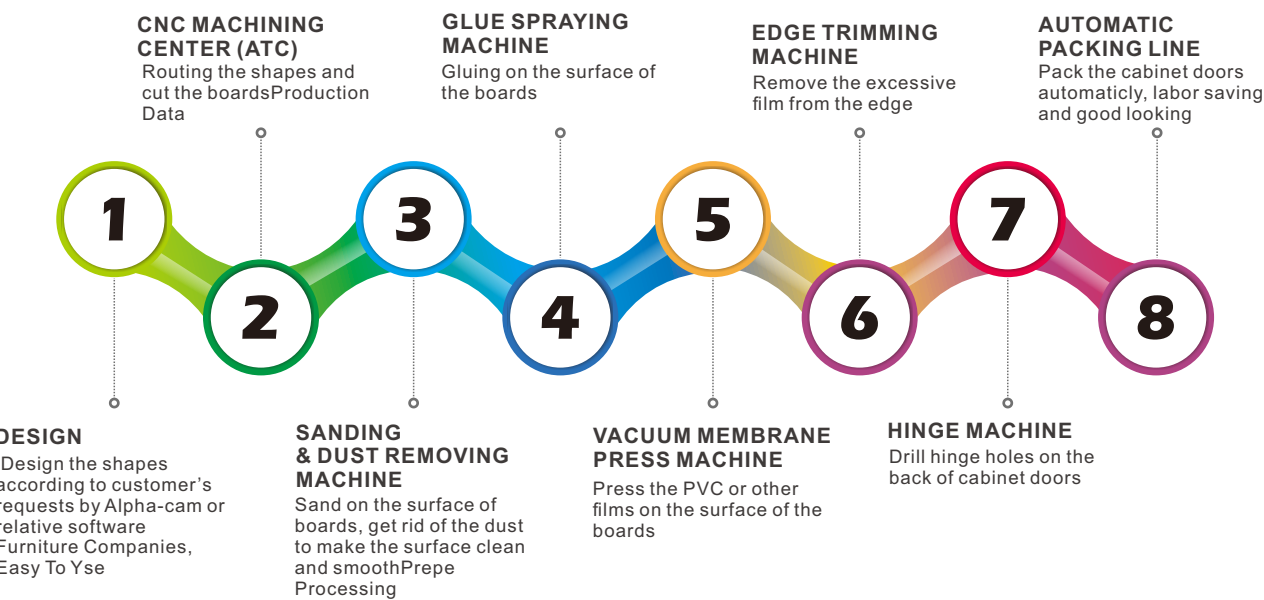
## CNC SOLIDWOOD PRODUCTION MACHINE

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# PANEL FURNITURE PRODUCTION LINE PROCESS



# CABINET DOOR PRODUCTION PROCESS



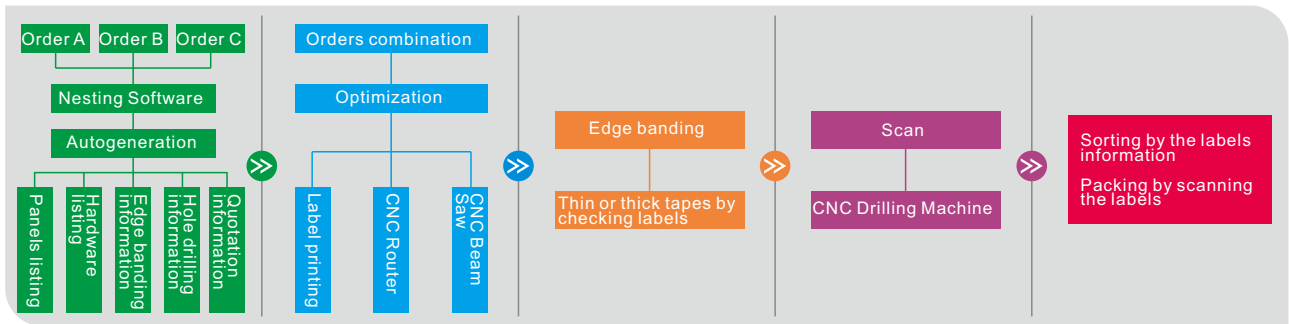
# INFORMATIZATION CUSTOMIZATION

PK

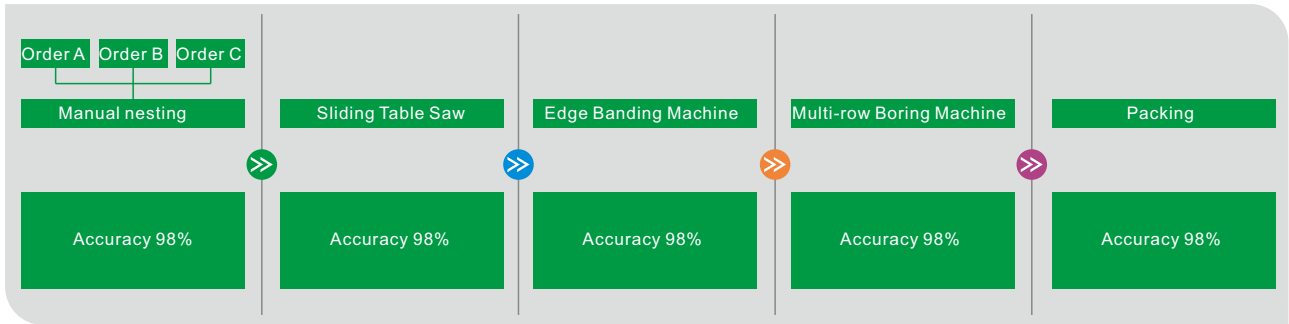
# TRADITIONAL CUSTOMIZATION

LOSS CAUSED BY ERROR RATE	Software Release Order	98%	Manual Nesting	98%
	Automatic Cutting	100%	Manual Cutting	98%
	Label And Edge Banding	100%	Manual Edge Banding	98%
	Automatic Drilling	100%	Manual Drilling	98%
	Bar Code Checking	100%	Manual Checking	98%
	Total Error Rate	2%	Total Error Rate	9.6%
PRODUCTION EFFICIENCY	Each machine is responsible for one type of board		Each multi drilling machine is responsible for one order	
	The drawings are stored in the computer, and anyone Can intevne at any time		No hole position drawings, need professional drilling machine worker all the time	
	Only need the workers know about basic knowledge about Machine operation		High request for the drilling machine worker, need all process and drilling rules	
	CNC average 1p/min, CNC drilling does not require complex adjustment machine 3p/min		Multi drilling machine is responsible for drilling all workpieces, nee long time	
	1CNC+1 CNC drilling=7p/min		3 sets multi row drilling machines process 1 pc/min on average	
MANUAL COMPARISON	Computer beam saw	Input nesting software data, then process Automatically, no need professional worker	Sliding table saw	Need to calculate the material according to the material list
	CNC	Input nesting software data, then process Automatically	Multi drilling machine	Calculate the hole position according to the order drawing
	CNC drilling machine	Input nesting software data, scan the barcode then process automatically		

# INFORMATION CUSTOMIZED FURNITURE PRODUCTION MODE



# TRADITIONAL CUSTOMIZED FURNITURE PRODUCTION MODE





## CUSTOMIZED SOLUTIONS

### Economic solution

Economic but practical type machines with less space occupied and small investment, available with special shape panel processed, labor cost saving and the production capacity can be 140 - 160 sq.m of panels in 8 hours.

■ Edge banding machine

■ CNC edge drilling machine

■ CNC router for cutting, slotting, irregular shape processing and vertical hole drilling

### Medium solution

Can easily handle mixed orders from different customers, easy in operation, labor saving and the production capacity can be 200 sq.m of panels in 8 hours.

■ Edge banding machine

■ CNC 6 sides drilling machine for slotting and six side hole drilling

■ CNC router with the function of loading and unloading, for cutting and irregular shape processing

### Mass customized solution

Can easily handle mixed orders in mass production. 200 - 250 sq.m of panels in 8 hours according to the production mode, some standard panels would be flow to the multi-row boring machine.

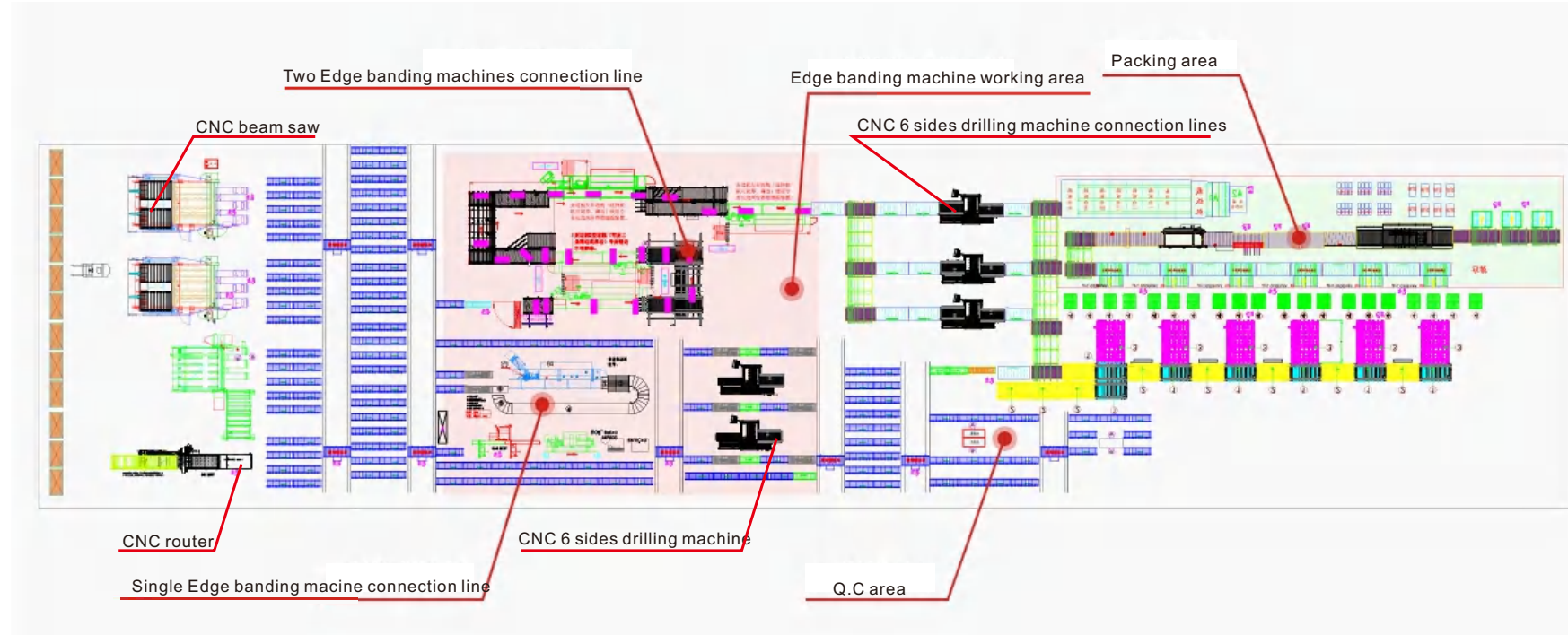
■ CNC beam saw, support mixed orders with optimization cutting

■ Edge banding machine

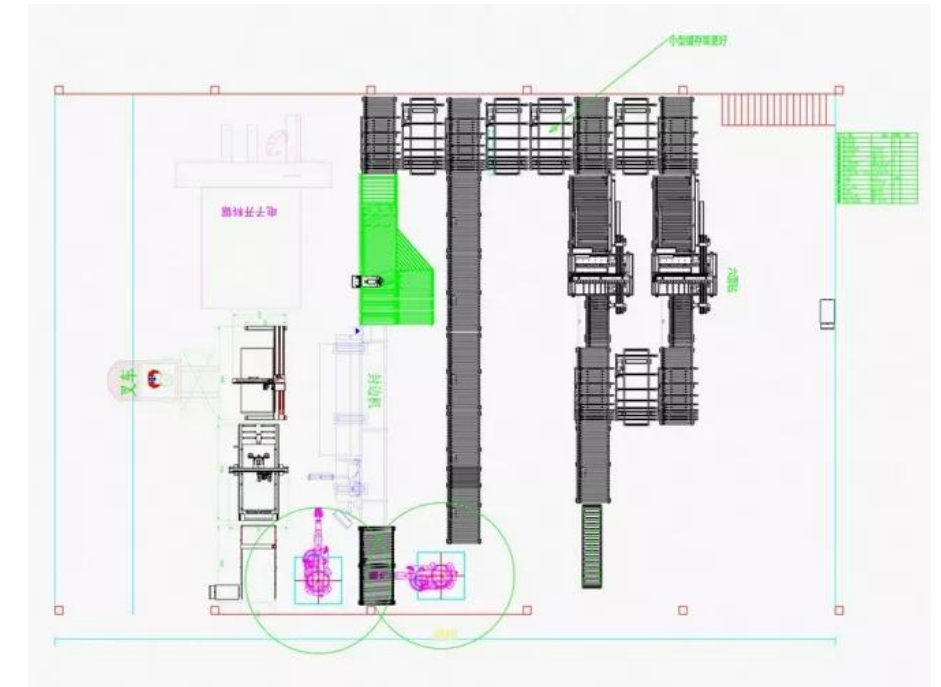
■ CNC 6 sides drilling machine for slotting and six side hole drilling



### Example of panel furniture production line

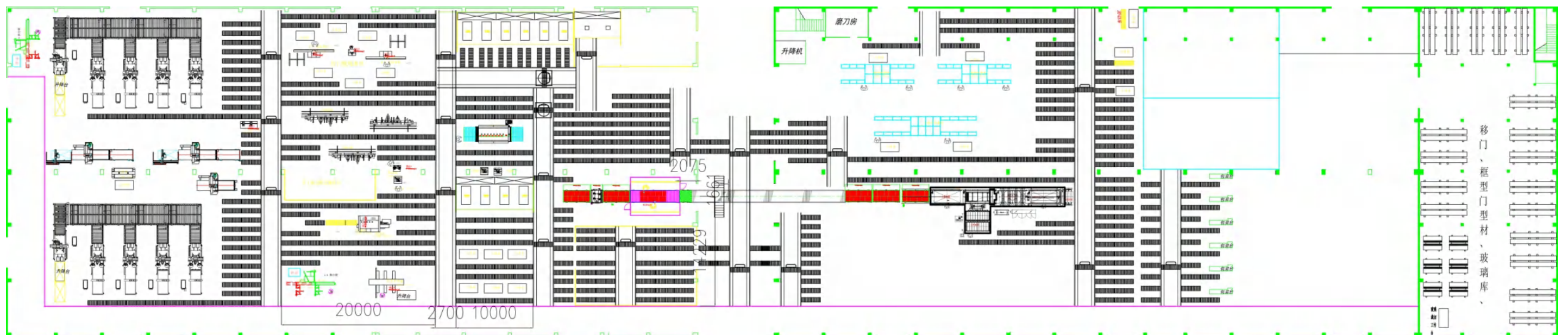


A



B

### Example of cabinet doors production line





## BOARDS CUTTING MACHINE

## CNC Router

- ▶ **SK-1**  
One spindle
- ▶ **SK-2**  
Two spindles
- ▶ **SK-3**  
Three spindles
- ▶ **SK-4**  
Four spindles



- ▶ **SK-6**  
Two spindles + Horizontal driller



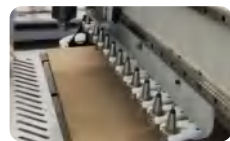
Horizontal driller

- ▶ **SKM-481**  
Disc-type ATC

- ▶ **SKML-1325**  
Linear ATC



Disc-type ATC



Linear ATC



- ▶ **SKA-1**  
One spindle, automatic loading and unloading
- ▶ **SKA-2**  
Two spindles, automatic loading and unloading

- ▶ **SKA-3**  
Three spindles, automatic loading and unloading
- ▶ **SKA-4**  
Four spindles, automatic loading and unloading



## Technical Parameters

Model	SK-4	SK-6	SKM-481	SKA-4
Working area	1300X2500mm Customized sizes are available	1300X2500mm Customized sizes are available	1300X2500mm Customized sizes are available	1300X2500mm Customized sizes are available
Max. travelling speed (X/Y/Z)	80/50/20 m/min	80/50/20 m/min	120/50/20 m/min	80/50/20 m/min
Spindel power	6kwX4	6kwX2	9kw	6kwX4
Max. spindle rotating speed	18000rpm	18000rpm	24000rpm	18000rpm
Vertical driller power	-	2.2kw	-	-
Vertical driller rotating speed	-	4000rpm	-	-
ATC capacity	-	-	16 (12,20 optional)	-
Vacuum pump power	7.5kw	7.5kw	7.5kw	7.5kw
Air extraction volume	250m³/h	250m³/h	250m³/h	250m³/h
Total power	18kw	20.2kw	21kw	18kw
Overall size	3800X2200X2000mm	3800X2200X2000mm	3800X2200X2000mm	9800X2200X2000mm
Weight	2100kg	2100kg	3000kg	3000kg

## Applications



Cabinet making



Customized furniture making



Office furniture making



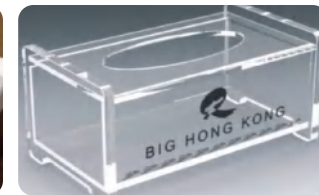
Door making



Speaker box making



Plastic processing



Acrylic processing



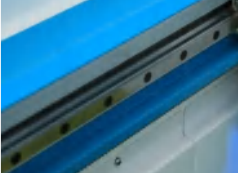


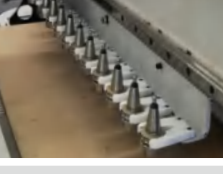
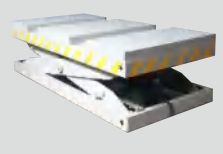
Foam cutting



BOARDS CUTTING MACHINE

CNC Router

Parts Description

Parts	Description	Parts	Description
	<b>Control system</b> Providing high-speed and high-precision of interpolations, which enable to satisfy the requirements of high level turn-milling function; Supports Web-Access cloud monitoring system, operators can easily monitoring information from all machines by browsing typical web page anytime.		<b>High-speed air cooling spindle</b> Do the work of cutting, slotting, vertical drilling and irregular shape routing as per the program's instruction.
	<b>Servo driver &amp; motor</b> Low noise running with high-speed torque.		<b>Guide rail &amp; slider</b> Dust-proof performance, high precision, heavy-duty and long life.
	<b>Inverter</b> Multiple control modes, large torque output when low frequency, fast dynamic response and super strong overload capacity, supporting the spindles auto change very fast, easy operating.		<b>Vertical driller</b> 4+5 structure, automatically change the drill as per program setting
	<b>Auto lubrication system</b> To supply the oil to guide rails, easily to finish the regular maintenance of the machine.		<b>Drag chain &amp; cables</b> High flexible , excellent dust-proof, anti-corrosion, anti-static performance, support for 150-degree bends, effectively protect the cable.
	<b>Speed reducer</b> Connecting with the motors, instead of traditional belt driving, more higher torque and accuracy.		Adopt European design concept, the worktable was divided into 6 zones, can adsorb different size materials. Worktable is very strong adsorption, high temperature resistance, corrosion resistance.
	<b>Tool calibrator</b> Bits setting automatically for Z axis, to avoid cutting/slotting/drilling deeper or lighter.		<b>Roller conveyor</b> Whatever the machine with loading function or not, it helps worker push the boards into the worktable very easy.
	<b>Positioning cylinder</b> Help with the board positioning quickly and easily		<b>Vacuum pump</b> 5.5KW/7.5KW/11KW is optional. The 7.5kw pump's performance is up to 250 m3 / hour (Dry vacuum pump is optional).
	<b>Linear ATC</b> Automatically pick up the tools from magazine.		<b>Disc type ATC</b> 12, 16, 20 are optional, automatically pick up the tools from magazine.
	<b>Auto loading</b> The large board on the lifting table is automatically pulled to the position with positioning device by the suction cup of the machine for processing		<b>Automatic unloading</b> push the finished plates to unloading table and clean the remaining dust on the working table

CNC Beam Saw

SK-270B  
CNC panel Saw



SK-330B  
CNC panel Saw



The various operations on the control panel are clear at a glance.

SK-380B  
CNC panel Saw





# BOARDS CUTTING MACHINE

## Specifications

Model	SK-270B CNC panel Saw	SK-330B CNC panel Saw	SK-380B CNC panel Saw
Max sawing length	2600mm	3300mm	3800mm
Max sawing thickness	100mm	100mm	100mm
Max sawing width	2700mm	3300mm	3800mm
Targeting	Automatic	Automatic	Automatic
Servo positioning accuracy(precision square rail)	1.5kw(0.02mm)	1.5kw(0.02mm)	1.5kw(0.02mm)
Sawing precision	±0.1mm	±0.1mm	±0.1mm
Main saw motor power	11kw(15kw Optional)	11kw(15kw Optional)	11kw(15kw Optional)
Main blade outer diameter	350mm-400mm	350mm-400mm	350mm-400mm
Main saw blade inner diameter	80mm	80mm	80mm
Main saw speed	4100r/min	4100r/min	4100r/min
Machine size(L X W X H)	5300 X 5300 X 1750MM	5900 X 5900 X 1750MM	6400 X 6300 X 1800MM
Traction motor power(rack drive)	1.5kw	1.5kw	1.5kw
Small saw motor power	2.2kw	2.2kw	2.2kw
Vice saw blade outer diameter	180mm	180mm	180mm
Secondary saw blade inner diameter	55mm	55mm	55mm
Secondary saw speed	6100r/min	6100r/min	6100r/min
Sawing speed	0-100m/min, Inverter speed adjustment	0-100m/min, Inverter speed adjustment	0-100m/min, Inverter speed adjustment
Return speed	120m/min	120m/min	120m/min
Air pressure	0.6-0.8MPA	0.6-0.8MPA	0.6-0.8MPA
Total installed power	17kw(21kw Optional)	17kw(21kw Optional)	17kw(21kw Optional)
Weight	4800kg	5800kg	6100kg

## Applications



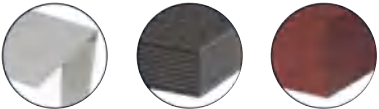
NF Metal Plates  
Max thickness 250 mm



Printed Circuit Boards  
Min thickness 0.05 mm



Steel Plates/Aluminum  
Max thickness 100 mm



Plastic Sheets, Acrylic Panels PC / PS plate  
thickness 0.5-250mm



Wood and Wood Composite Boards  
Max thickness 210 mm

## Parts Description

	<b>Intelligent industrial computer control</b> The various operations on the control panel are clear at a glance.		<b>Clamping manipulator</b> Automatically clip the boards to the specified position
	<b>Air floating worktable</b> To handle boards easily, saving time and labor		<b>100mm Cutting height</b> 100mmCan be 100mm cutting
	<b>Main saw &amp; vice saw</b> Separated guide rail, the main saw and vice saw can be up and down separately		<b>Servo motor for clamping manipulator</b> To clip the boards to position in high precision
	<b>Air-tch electro magnetic</b> Very good for whole machine's air supply, working life and safety		<b>Automatic side aligning</b> Side wheels position the board from the side tightly

## Sliding Table Saw

### ► MJ3200D 45°



Model	MJ3200D 45°
Max. cutting length	3200mm
Max. cutting height	85mm
Main saw blade max. diameter	Φ350mm
Groove saw blade diameter	Φ120mm
Main saw spindle rotation speed	4200/5600 r/min
Groove saw spindle rotation speed	9000 r/min
Main saw motor power	5.5kw
Groove saw motor power	1.1kw
Total motor power	7kw
Machine weight	600 kg
Machine size(L X W X H)	3900 X 3500 X 850mm

Model	MJ45B
Max. cutting length	3200mm
Max. cutting height	75mm
Main saw blade max. diameter	Φ350mm
Groove saw blade diameter	Φ120mm
Main saw spindle rotation speed	4000 r/min
Groove saw spindle rotation speed	7500 r/min
Main saw motor power	4kw
Groove saw motor power	0.75kw
Total motor power	5kw
Machine weight	550 kg
Machine size(L X W X H)	3350 X 3200 X 1100mm

### ► MJ45B Economic model



## Parts Description

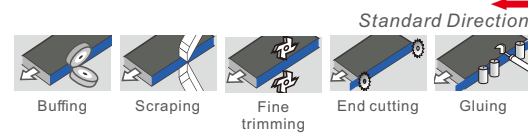
	Control Interface (Automatic up and down)		Sliding Table
	Saw blade (90°)		Saw blade (45°)
	Auxiliary worktable		Extension ruler
	Dust hood		Auxiliary fence and reader



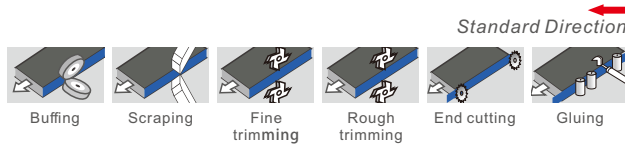
# EDGE BANDING MACHINE

## Automatic Edge Banding Machine

▶ **368B**  
Automatic Edge Banding Machine



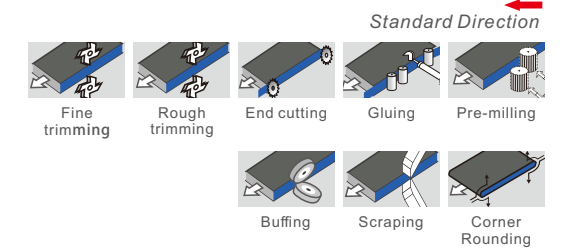
▶ **368A**  
Automatic Edge Banding Machine



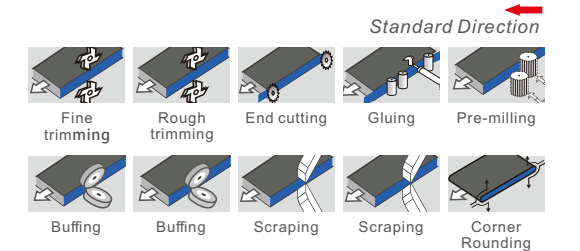
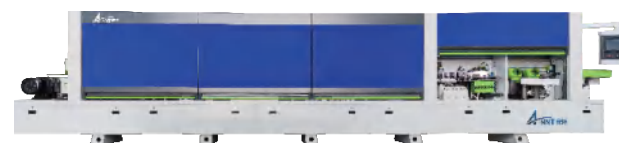
▶ **368D**  
Automatic Edge Banding Machine



▶ **368E**  
Automatic Edge Banding Machine



▶ **368EPB**  
Automatic Edge Banding Machine





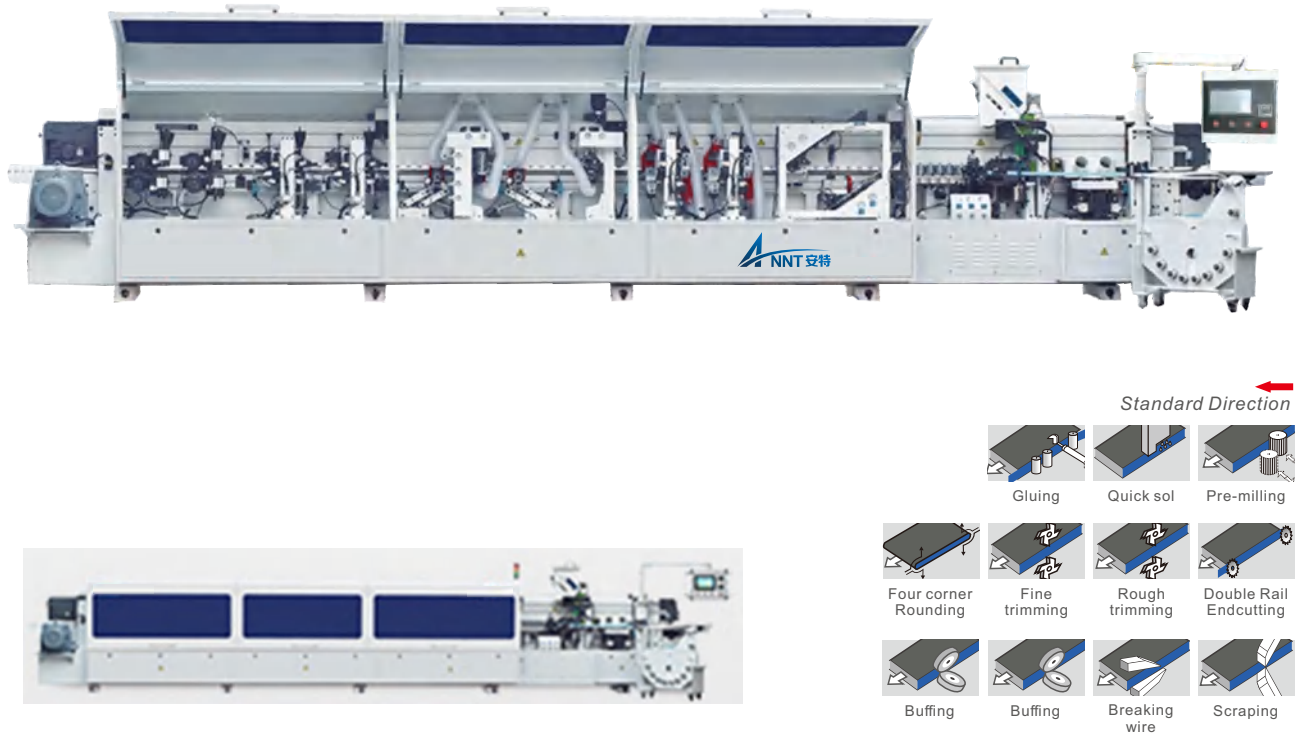
EDGE BANDING MACHINE

Automatic Edge Banding Machine

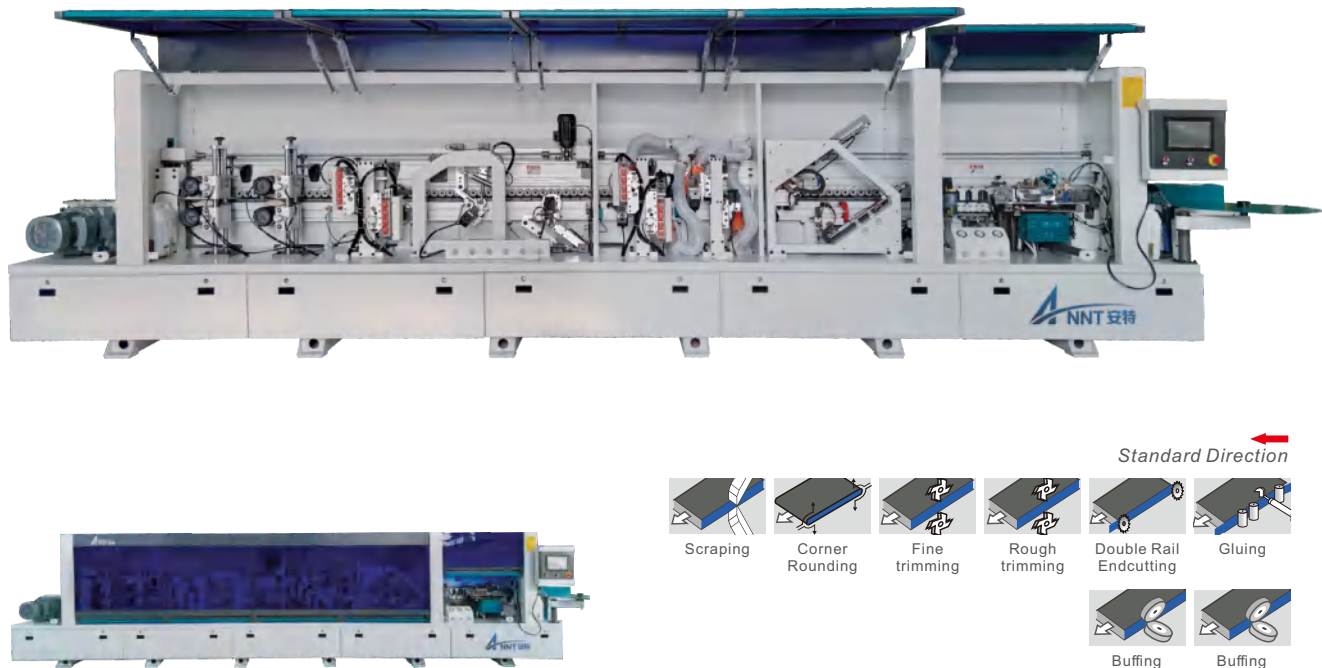
368PUR  
PUR Automatic Edge Banding Machine



868GS  
High Speed Automatic Edge Banding Machine



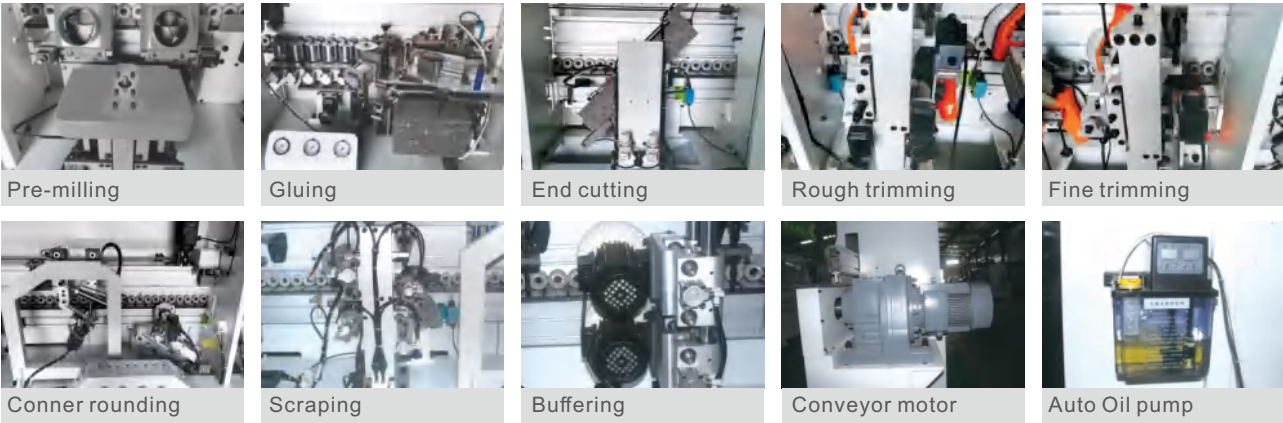
668DQB  
Automatic Edge Banding Machine



Functions summary

Processing functions	Buffering	Breaking wire	Scraping	Corner Rounding	Four corner Rounding	Fine trimming	Rough trimming	Double Rail Endcutting	End cutting	Gluing	Quick sol	Pre-milling
368B	✓		✓			✓			✓	✓		
368A	✓		✓			✓	✓		✓	✓		
368D	✓		✓	✓		✓	✓		✓	✓		
368E	✓		✓	✓		✓	✓		✓	✓		✓
368EPB	✓✓		✓✓	✓		✓	✓		✓	✓		✓
368PUR	✓		✓	✓		✓	✓		✓	✓		
668DQB	✓✓		✓	✓		✓	✓		✓	✓		
868GS	✓✓	✓	✓		✓	✓	✓	✓		✓	✓	✓

Parts Description





## Optional functions



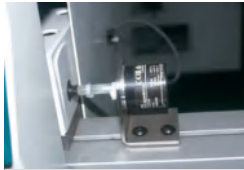
Double glue pot  
(Function code: H)



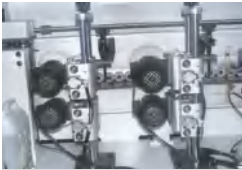
Up gluing unit  
(Glue pre-melt and auto adding)



Press beam up and down by electric



Press beam up and down by encoder, user can set several kinds of boards height in the control system and change the needed height in a smart and easy way



Two sets buffering  
(Function code: B)



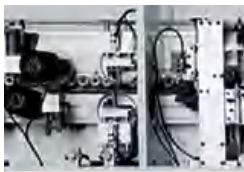
Four motors corner rounding



Rapid end cutting



Pneumatic tape thickness adjustment  
(Function code: Q)



Surface scraping  
(Function code: P)



Separating and cleaning  
(Function code: S)

## Technical parameter

Model	368B	368A	368D	368E
Panel Min. Size	100*80mm	100*80mm	100*80mm	100*80mm
Panel Min. width	300*50mm	300*50mm	300*50mm	300*50mm
Panel thickness	10-60mm	10-60mm	10-60mm	10-60mm
Edge tape width	13-63mm	13-63mm	13-63mm	13-63mm
Edge tape thickness	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm
Feeding speed	15/18/22m/min	15/18/22m/min	15/18/22m/min	15/18/22m/min
Air pressure	0.6mpa	0.6mpa	0.6mpa	0.6mpa
Total power	11kw	13kw	15kw	17.2kw
Overall size	4150*900*1560mm	4500*900*1560mm	5760*900*1560mm	6700*900*1560mm
Weight	1400kg	1700kg	1900kg	2500kg

Model	368EPB	368DPUR	668DQB	868GS
Panel Min. Size	100*80mm	100*80mm	100*80mm	100*80mm
Panel Min. width	300*50mm	300*50mm	300*50mm	300*50mm
Panel thickness	10-60mm	10-60mm	10-60mm	10-60mm
Edge tape width	13-63mm	13-63mm	13-63mm	13-63mm
Edge tape thickness	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm	0.4-3.0mm
Feeding speed	15/18/22m/min	15/18/22m/min	15/18/22m/min	20/24/28m/min
Air pressure	0.6mpa	0.6mpa	0.6mpa	0.6mpa
Total power	19.2kw	19.5kw	19.5kw	19.2kw
Overall size	7000*900*1560mm	5760*900*1560mm	6800*900*1560mm	7000*900*1560mm
Weight	2600kg	2600kg	2200kg	2600kg



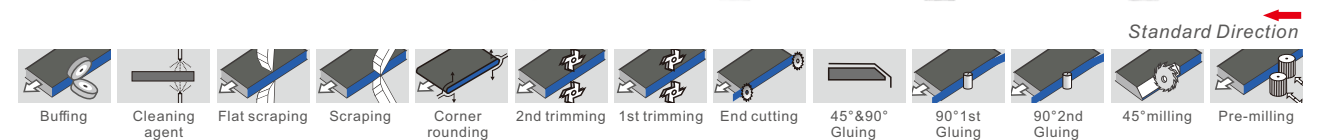
## EDGE BANDING MACHINE

### Automatic Edge Banding Machine

#### 568XZ

Automatic Beveled Edge Banding Machine

Specially for 45 degree edge banding .Widely use for drawer frame , door frame , working table etc..



## Technical parameter

Working Width	≥120mm	45°Feeding speed	13m/min
Working Length	≥200mm	90°Feeding speed	13-20m/min
45°board thickness	12-25mm	Total power	27kw
90°board thickness	9-43mm	Overall size	9600*900*1750mm
Edge Thickness	0.8-2.0mm	Air pressure	0.65Mpa
Bevel angle	45° Unadjustable	Weight	4200kg

## Parts Description



#### 90° or 45° one key switch

90° and 45° edge banding function one key switch. No need adjust any parts . Easy operate and save your time.



#### 45° Milling device

3pcs saw blades milling for 45 degree surface ,helpful for saw dust collect .This device with independence dust collect ,can avoid the saw dust fly outside .With checking window ,can check the working details easily.(90° edge can be adjust 3-10mm)



#### Gluing - Pressing device

90° and 45° edge glue and press at same time. It can largely save the time that glue expose in the air, so can avoid the glue loose wet and hard to stick problem.The 45° and 90° press with separate press wheel, the power is driven by the air cylinder.



#### Pre-milling

Synchronous adjustment the pre-milling device.It can be adjusted synchronously when the bevel and straight edges are switched to ensure the same amount of milling edge under both functions.



#### Edge slotting device

Edge is press by the air cylinder , more stable and easy adjust . This device is used for cutting a slot for folding parts , so it can ensure the connect part more smooth .(The slot position can be adjust , and the slot depth also can be adjust .)



#### Trimming Unit

With 900w high frequency trimming motor and diamond cutter ,we can get smooth cutting ,longer life time and lower noise .



#### Corner Rounding Unit

With corner rounding function ,the edge banding effect will be perfect .



#### Scraping Unit

Flat scraping is special design for 45° edge banding , more easily adjust.



#### Pneumatic Parts

90% pneumatic element we use brand SCM . Mechanical action more fast and stable .



#### Heating device

With hide air inlet design , reasonable angle can soft the edge and can heat the glue and same time , can ensure the edge surface more perfect .



#### Isolation cleaning device

Standard cleaning device, the panel residual glue is cleaned, the nozzle is automatically adjusted, and it can be accurately sprayed in the bevel side and straight side state without manual adjustment.

# ANNT GROUP



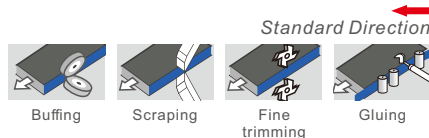
# EDGE BANDING MACHINE

## Semi-automatic Edge Banding Machine

### 350B

Semi-automatic Edge Banding Machine

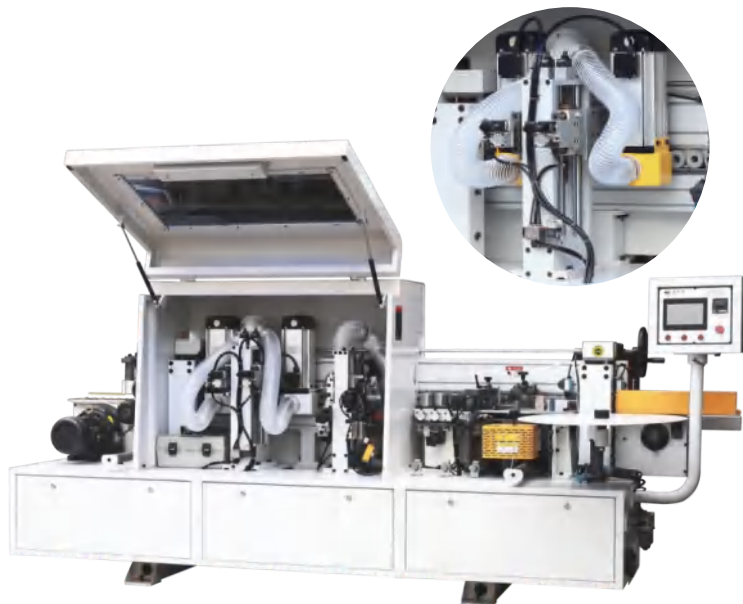
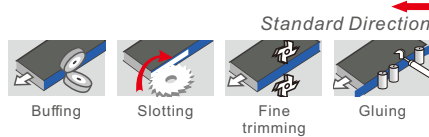
Panel Min. Size	100*80mm
Panel thickness	300*50mm
Edge tape width	10-60mm
Edge tape thickness	0.4-3.0mm
Feeding speed	15/18/22m/min
Air pressure	0.6mpa
Total power	8kw
Overall size	3300*900*1560mm
Weight	1000kg



### 350CU

Semi-automatic Edge Banding Machine

Panel Min. Size	100*80mm
Panel thickness	300*50mm
Edge tape width	10-60mm
Edge tape thickness	0.4-3.0mm
Feeding speed	15/18/22m/min
Air pressure	0.6mpa
Total power	19kw
Overall size	3800*900*1560mm
Weight	1200kg



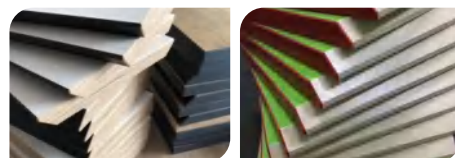
## Manual Edge Banding Machine

### QR1

Manual Beveled Edge Banding Machine



Edge tape width	10-50mm
Edge tape thickness	0.3-3mm
Beveled angle	30°-90°
Beveled slotting height	18m/min
Feeding speed	4-15mm
Air pressure	0.6mpa
Total power	6.5kw
Overall size	2000*860*1220mm
Weight	120kg



### F97

Manual Edge Banding Machine

Edge tape width	8-50mm
Edge tape thickness	0.3-3mm
Feeding speed	15m/min
Air pressure	0.6mpa
Total power	1.2kw
Overall size	1000*750*1000mm
Weight	120kg



### W1

Manual Edge Banding Machine

Edge tape width	8-50mm
Edge tape thickness	0.3-3mm
Feeding speed	15m/min
Air pressure	0.6mpa
Total power	1.4kw
Overall size	1250*740*980mm
Weight	88kg



### W2

Manual Edge Banding Machine

Edge tape width	8-50mm
Edge tape thickness	0.3-3mm
Feeding speed	15m/min
Air pressure	0.6mpa
Total power	1.4kw
Overall size	1730*890*980mm
Weight	140kg



# BORING MACHINE

## CNC 6 Sides Drilling Machine

▶ **SKD6**  
CNC 6 Sides Drilling Machine



### Product introduction

SKD6-1330 six-sided drilling machine (pass-through type) is a high-end CNC machine for panel furniture's drilling and slotting, with the functions of barcode (or QR code) scanning, automatic positioning, automatic board clamping and loading, to acheive six-sided drilling, milling, slotting at one time. After the processing is completed, the clamp will automatically load the boards into the sorting and rotating platform, very high efficiency and automation. It is a very good choice for high-end customized furniture production.

### Technical parameter

Single table working area	4000 X 1200 X 200mm	Driller struction	UP: 12 vertical + Down: 8 horizontal and 9 vertical
Max. processing size	1220 X 2440mm	Worktable	Air floating
Min. processing size	50 X 200mm	Drive system	Delta/Syntec
Rapid moving speed	80m/min	Operating system	Syntec
Max. processing speed	20m/min	Operating power	10kw
Transmission mode	X/Y: Rack, Z: Ballscrew	Weight	3500kg
Spindle	3.5kw X 2, 18000rpm	Overall size	5800 X 2840 X 2200mm

### Features

Italian spindle, stable performance;  
Double clamp with long guide rail, quickly complete the board's drilling, milling and slotting, to maximize the efficiency and output;  
Reasonable structure with air floating worktable and board fixing, to avoid the boards scratching;  
Convenient and easy operation, high efficiency and accuracy.

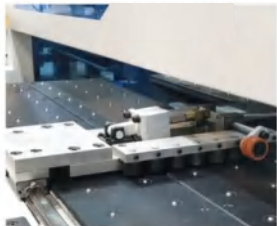
### Applications

Furniture industry: All kinds of panel-type furniture such as wardrobe, cabinets, wooden doors etc;  
Decoration industry: Acrylic, PVC, density board, plastic and other soft materials;  
Other processing: Insulator, PCB, resistance board, ABS, PP, PE and other carbonized mixtures.

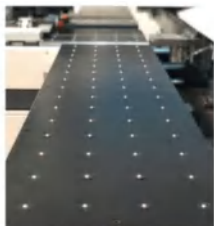
### Parts description



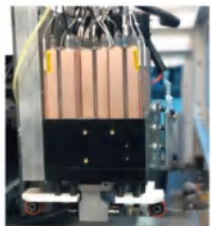
CNC control panel



Automatic pressing device



Air floating worktable



Italian or Taiwan driller



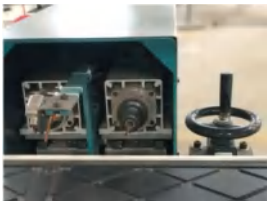
Taiwan Syntec servo

## CNC Edge Drilling Machine

▶ **SKD1**  
CNC Edge Drilling Machine



▶ **SKD2**  
CNC Edge Drilling Machine



### Core advantages

- 1、Sensor: USA Banner brand, comparing with other brands, this sensor has much more better ability with identifying the holes on darker boards.
- 2、Customized control system: According to the production requests, our technical team updated the control system from PLC to Motion control system, which ensuresmuch more higher processing efficiency and accuracy.

### Technical parameter

Model	SKD1	SKD2
Max. working length	2400mm	2400mm
Working station	3	3
Spindle quantity	1pcs	2pcs
Spindle power	2.2kw	2.2kw
Spindle speed	24000rpm/min	24000rpm/min
Rapid speed	150m/min	150m/min
Working speed	105m/min	105m/min
Total power	4kw	4kw
Overall size	3320*1770*1550mm	3320*1770*1550mm
Weight	230kg	300kg



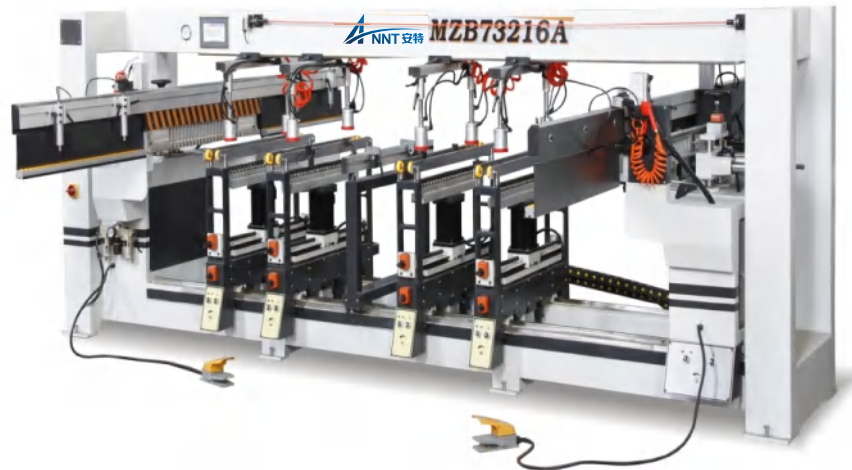
## Manual Boring Machine

### ► MZB73213A Manual Boring Machine



### ► MZB73214A Manual Boring Machine

### ► MZB73216A Manual Boring Machine



#### Technical parameter

Model	MZB73213A	MZB73214A	MZB73216A
Max. horizontal drilling dia.	Ø35mm (Single drill); Ø13mm (Multi drill)	Ø35mm (Single drill); Ø13mm (Multi drill)	Ø35mm (Single drill); Ø13mm (Multi drill)
Max. vertical drilling depth	60mm	60mm	60mm
Boring bit dia.	10mm	10mm	10mm
Max. working length	2600mm	2400mm	2500mm
Min. working length	130mm	130mm	130mm
Motor speed	2840rpm/min	2840rpm/min	2840rpm/min
Driller quantity	21x3pcs	21x4pcs	21x6pcs
Motor power	4.5kw	6kw	9kw
Overall size	3600*2500*1550mm	3600*2500*1550mm	4300*3000*1550mm
Weight	1260kg	1400kg	2200kg

## SURFACE TREATMENT MACHINE

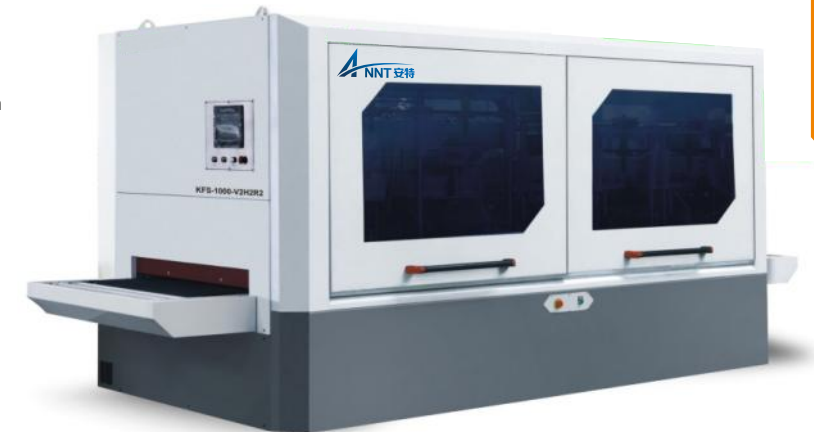
### ► KFS-1000-V2H2R2 Wide sanding machine

#### Features

1. It has strong practicability and can meet different sanding requirements of most furniture factories, such as raw materials, PU primer sanding, UV finish sanding, PE primer sanding.
2. The integrated structure can be combined with different sanding mechanisms according to different processed workpieces from customers, to achieve the best sanding effect.
3. Special materials pressing structure, to meet with the sanding requirements of small workpiece.
4. Independent sanding head structure, to replace the ribbon easily and quickly.

#### Technical parameter

Workpiece length	320-2400mm
Max. processing width	1000mm
Thickness range	12-100mm
Feeding speed	1-10m/min
Overall size	3900 x 2100 x 2000mm



### ► MS-1X2S2D3W Edge sanding machine



#### Features

1. Sanding frame and grinding head are 45 degree adjustable, suitable for the workpiece with certain angle or shapes. Vibration device to ensure the workpiece surface clean and smooth.
2. Press workpiece by wheel, to keep stable feeding without loosening and scratches.
3. Workpiece feeding controlled by inverter, the working speed can easily change depends on different materials.

#### Applications

Suitable for the edge milling, sanding, polishing of the wooden doors, furniture, cabinets, sanitary products, bamboo boards, gift boxes etc.





# Vacuum Membrane Press Machine

- ▶ **M3150-D**  
Negative Vacuum Membrane Press Machine
- ▶ **M2480-D**  
Negative Vacuum Membrane Press Machine



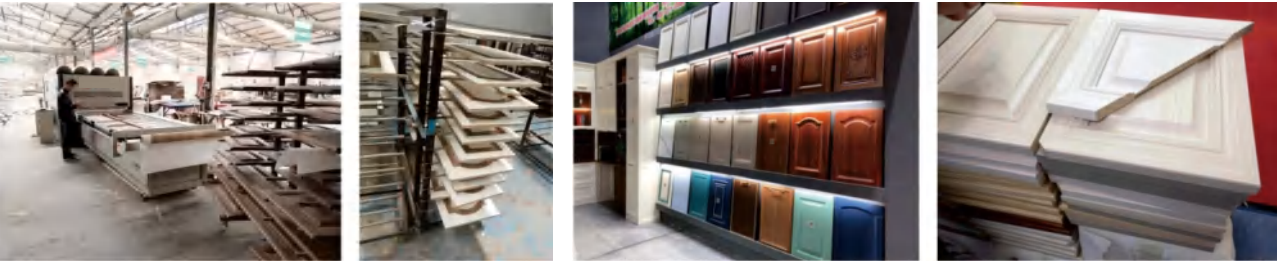
## Features

1. The main heating adopts far-infrared radiation board, which has fast heating speed, strong penetrating power, energy saving and environmental protection.
2. The thickened high-density insulation board is fully sealed at 360 degree to further improve energy-saving effect.
3. Independent multi-zone heating control, adjustable separately to ensure even temperature balance.
4. Adopts American solid-state module for heating, PID control, temperature difference is controlled within 1 degree, and the precision is 10 times of the ordinary control mode.
5. The circuit is controlled by PLC, which is fast and stable with low failure rate.
6. Man-machine interface operation, double-worktable, with the memory of 24 different PVC, can meet the requirements for different thickness of PVC, quick switch by one button.
7. High-power cooling fan to quickly cool the workpiece and improve the work efficiency.
8. Integrated air circuit unit for easy maintenance and easy adjustment.
9. Fully sealed circuit control cabinet, high level dustproof and moisture proof, improve the life of the whole electrical appliance.
10. High-current terminals are treated with tin-filling to further improve the stability of the circuit.
11. The worktable adopts shaft direct drive, feeding speed controlled by inverter, fast moving into the working area, which mostly reduce the temperature difference between front and back worktable.
12. The worktable transport wheel adopts the imported original rubber wheel, which is silent and has a long service life.
13. The pressure frame is made of aluminum alloy which reduce the affects to the temperature of the worktable.
14. The pressure frame uses pneumatic clamps for quick operation, labor saving.

## Technical parameter

Model	M3150-D	M2480-D
Control mode	PLC	PLC
Negative pressure	95kpa	95kpa
Processing size	2530 X 1230 X 60mm	2500 X 1100 X 50mm
Total power	27kw	15kw
Overall size	9600 X 1800 X 1800mm	9600 X 1800 X 1800mm
Weight	2000kg	1800kg

## Applications



# Vacuum Membrane Press Machine

- ▶ **M3000-D**  
Positive & Negative Vacuum Membrane Press Machine



## Features

1. **Insulation:**
  - ▶ 360 degree fully sealed high density insulation board
  - ▶ Automatic cooling system
2. **Worktable:**
  - ▶ The overall sheet metal fully sealed worktable
  - ▶ Aluminum alloty frame
  - ▶ Pneumatic fixture worktable
3. **Heating system**
  - ▶ Using close proximity type far infrared radiant panel heating
  - ▶ Independent multi-temperature zone heating control
4. **Driving system**
  - ▶ Variable frequency driving worktable
  - ▶ Maintenance-free drive system
5. **Operating system**
  - ▶ PLC digital control
  - ▶ The fault point prompts
  - ▶ Memory 22 kinds of materials, one button switch
  - ▶ Two worktables, one working and the other one will be standby
  - ▶ Solid state module, PID control, temperature difference control within 1 degree
  - ▶ Intelligent power detection

## Technical parameter

Control mode	PLC
Positive pressure	0.5mpa
Negative pressure	95kpa
Processing size	2580*1280*80mm
Total power	36kw
Overall size	10150*2340*2450mm
Weight	9700kg

## Applications





# PUR Board Laminating Production Line

## PUR-1220

PUR Board Laminating Production Line



### Product introduction

This production line equipped with feeding table, dust remover, gluing machine and pass-through press machine, specialized in flat boards laminating etc. It is suitable for the production of high-gloss veneer sheet, cabinet door panels, inside door panels, honeycomb sheetand foam sheet bonding etc.

Replacing traditional long time press by normal adhesive, this production line laminate by PUR hot-melt adhesive, continuously press by 6 meters pass-through press machine, very fast production. It is the best choice for a new type of processing and energy saving.

Available laminating materials: High-gloss acrylic, Fireproof board, PVC board, Metal sheet, PE, PET, PVC film, Veneer sheet, MDF etc.

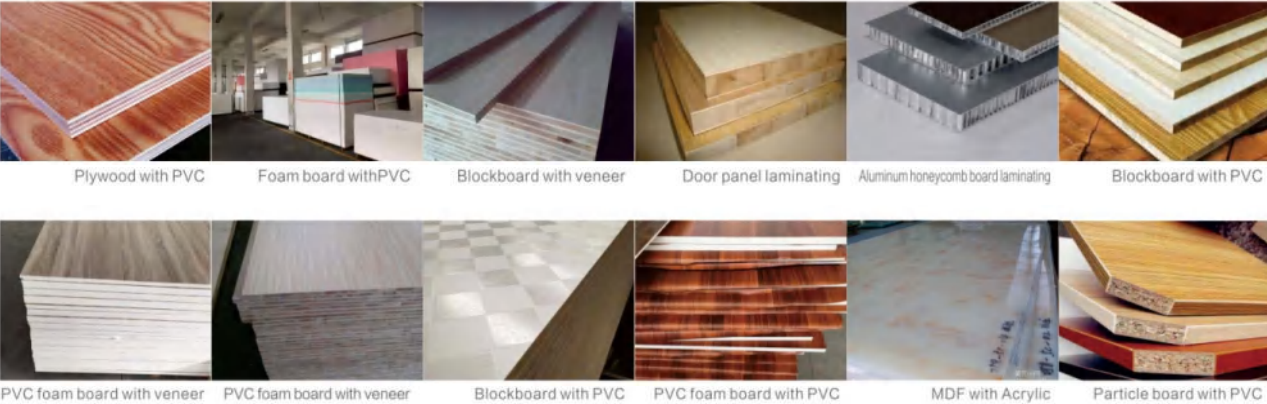
Available boards: Density fiberboard (MDF, HDF), Particle board, Plywood, WP board, Foam board, Gypsum board, Blockboard, Honeycomb board etc.

Adhesive: PUR (Polyurethane reactive) hot melt adhesive

### Technical parameter

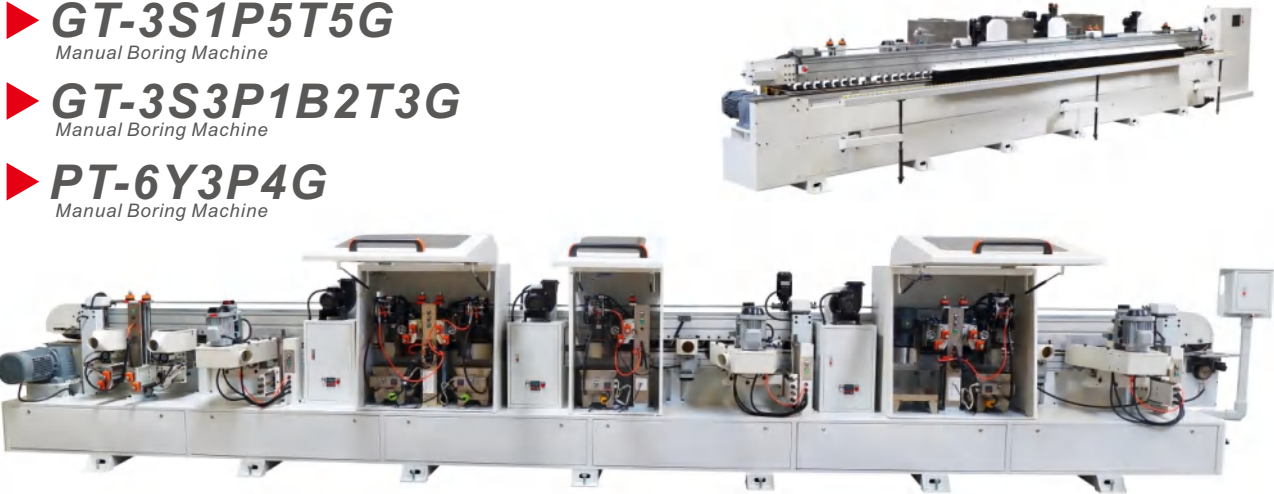
Max. processing width	100-1220mm
Feeding speed	5-26m/min
Total power for driving	26kw
Oil heating power	37.5kw
Dryingtunnel heating power	18kw
Whole machine power	81.5kw
Overall size	17000*2690*2840mm
Weight	9000kg

### Applications



# Sanding Machine

- GT-3S1P5T5G  
Manual Boring Machine
- GT-3S3P1B2T3G  
Manual Boring Machine
- PT-6Y3P4G  
Manual Boring Machine

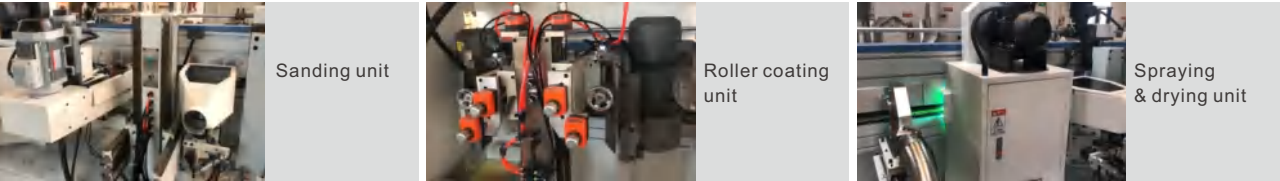


Applications: Straight or shaped edge sanding and painting for Doors, Cabinet door, Bamboo products etc.

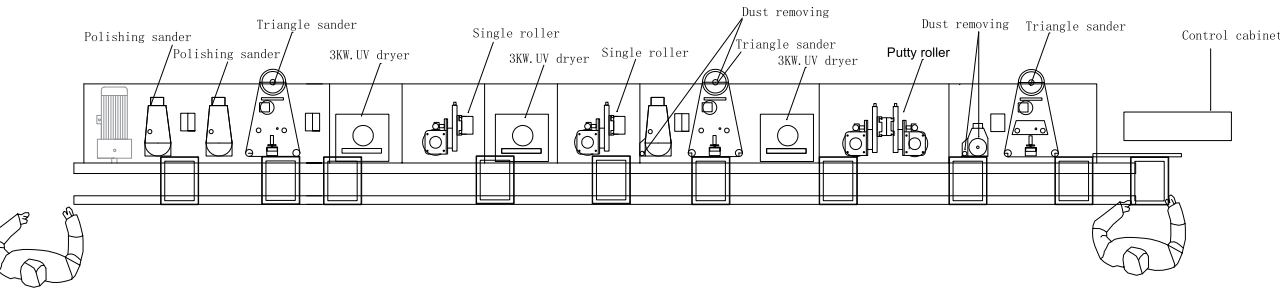
### Technical parameter

Model	GT-3S1P5T5G	GT-3S3P1B2T3G	PT-6Y3P4G
Max.width of workpiece	2000mm	2000mm	2000mm
Min.width of workpiece	120mm	120mm	120mm
Max.depth of workpiece	10-50mm	10-50mm	10-50mm
Height of working table	950mm	950mm	950mm
Feeding speed	8~15m	8~15m	8~15m
Conveyor motor	5.5KW 1400r/min	5.5KW 1400r/min	5.5KW 1400r/min
Sponge sand head motor	1.5KW 1400r/min	1.5KW 1400r/min	1.5KW 1400r/min
Total power	36KW	36KW	36KW
Vacuuming mouth	φ 100mm	φ 100mm	φ 100mm
Overall size	13100X1300X1500mm	13100X1300X1500mm	13100X1300X1500mm
Weight	2500KG	3000KG	4500KG

### Parts description



### Sample structure





## CNC SOLIDWOOD PRODUCTION MACHINE

## CNC Solid Wood Cutting Machine

- ▶ **MXK-1625**  
CNC Solid Wood Cutting Machine
- ▶ **MXK-1620**  
CNC Solid Wood Cutting Machine
- ▶ **MXK-1615**  
CNC Solid Wood Cutting Machine
- ▶ **MXK-1212**  
CNC Solid Wood Cutting Machine



## Features

- ▶ Replacing the traditional processing, it takes only one person to complete the work, the equipment adopts CNC control system, very easy operation.
- ▶ The processing effects are very smooth which can be easily sanding and polishing.
- ▶ Any shapes can be cut according to the program setting.
- ▶ CAD drawing and typesetting will reduce the waste to the minimum, which can save a lot of costs.
- ▶ Fast cutting, very high efficiency.

## Technical parameter

Model	MXK-1625	MXK-1620	MXK-1615	MXK-1212
Working size	2500 X 1450 X 140mm	2000 X 1450 X 140mm	1500 X 1450 X 140mm	1200 X 1250 X 140mm
Working speed	0-10m/min	0-10m/min	0-10m/min	0-10m/min
Milling cutter dia.	6-10mm	6-10mm	6-10mm	6-10mm
Sawing motor power	9kw	9kw	9kw	9kw
Motor speed	0-18000m/min	0-18000m/min	0-18000m/min	0-18000m/min
X axis servo motor power	2.3kw	2.3kw	2.0kw	2.0kw
Y axis servo motor power	2.0kw	1.5kw	1.5kw	1.5kw
Z1/Z2 axis servo motor power	1.5kw	1.5kw	1.5kw	1.5kw
Weight	4300kg	3500kg	3000kg	2600kg
Overall size	5200 X 2700 X 2000mm	4200 X 2700 X 2000mm	3200 X 2700 X 2000mm	2600 X 2700 X 2000mm



## CNC Curve Saws

- ▶ **MJS1625**  
CNC Curve Saws
- ▶ **MJS1620**  
CNC Curve Saws
- ▶ **MJS1615**  
CNC Curve Saws
- ▶ **MJS1212**  
CNC Curve Saws



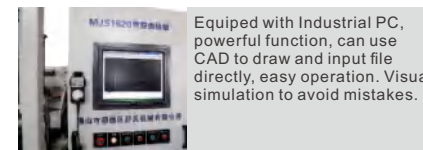
## Features

- ▶ Replacing the traditional processing, it takes only one person to complete the work, the equipment adopts CNC control system, very easy operation.
- ▶ Any shapes can be cut according to the program setting.
- ▶ CAD drawing and typesetting will reduce the waste to the minimum, which can save a lot of costs.
- ▶ Fast cutting, very high efficiency.

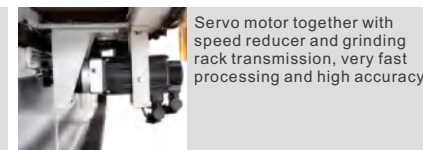
## Technical parameter

Model	MJS1625	MJS1620	MJS1615	MJS1212
Working size	2500 X 1450 X 180mm	2000 X 1450 X 180mm	1500 X 1450 X 180mm	1200 X 1250 X 180mm
Saw blade size	5350 X 16 X 0.9mm	5350 X 16 X 0.9mm	5350 X 16 X 0.9mm	5350 X 16 X 0.9mm
Saw blade rotation	-90°~+90°	-90°~+90°	-90°~+90°	-90°~+90°
Working speed	1-15m/min	1-15m/min	1-15m/min	1-15m/min
Feeding speed	40m/min	40m/min	40m/min	40m/min
Saw wheel size	700 X 60mm	700 X 60mm	700*60mm	700*60mm
Saw wheel speed	450-850RPM	450-850RPM	450-850RPM	450-850RPM
Min. Turning radius	R60mm	R60mm	R60mm	R60mm
Sawing motor	7.5KW	7.5KW	7.5KW	7.5KW
X axis servo motor	2.3KW	2.3KW	2.3KW	2.3KW
Y axis servo motor	2.0KW	2.0KW	2.0KW	1.5KW
Z1/Z2 axis servo motor	0.4KW	0.4KW	0.4KW	0.4KW
Weight	4300KG	3000KG	3000KG	2600KG
Overall size	5250 X 3630 X 2380mm	4250 X 3630 X 2380mm	3650 X 3630 X 2400mm	2650 X 3490 X 2380mm

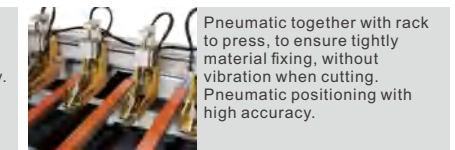
## Parts Description



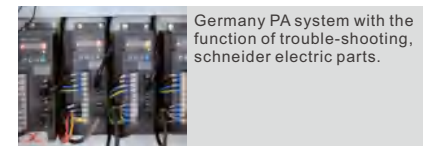
Equiped with Industrial PC, powerful function, can use CAD to draw and input file directly, easy operation. Visual simulation to avoid mistakes.



Servo motor together with speed reducer and grinding rack transmission, very fast processing and high accuracy.



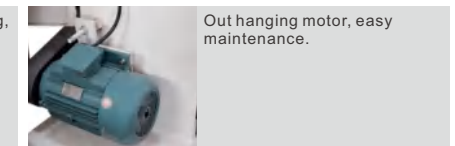
Pneumatic together with rack to press, to ensure tightly material fixing, without vibration when cutting. Pneumatic positioning with high accuracy.



Germany PA system with the function of trouble-shooting, schneider electric parts.



90 degree rotating and cutting, infrared ray to help accurate cutting.



Out hanging motor, easy maintenance.



CNC SOLIDWOOD PRODUCTION MACHINE

CNC Mortising Machine

- ▶ **MSK1500-3A**  
CNC Mortising Machine
- ▶ **MSK1500-3A X 2**  
CNC Mortising Machine



Features

3 heads with double working station, continuous milling brings high production efficiency. Using the tool rod to set the zero point, simple programming and easy to learn. It has obvious advantages for the processing of arc hole, oval hole, shaped hole etc., one-time processing for shaped workpiece, different length and depth of mortisers etc.

Technical parameter

Model	MSK1500-3A	MSK1500-3A X 2
X axis max. travel	1400mm	1400mm
Y axis max. travel	1400mm	1400mm
Z axis max. travel	200mm	200mm
Rapid speed	40m/min	40m/min
Max. material width	120mm	120mm
X axis servo motor power	1.5kw(9.6NM)	1.5kw(9.6NM)
Y axis servo motor power	1.0kw(6.4NM)	1.0kw(6.4NM)
Z axis servo motor power	1.0kw(6.4NM)	1.0kw(6.4NM)
Spindle speed	18000r/min	18000r/min
Spindle power	2.2kw X 3	2.2kw X 3+3.7kw X 3
Spindles distance	200mm	200mm
Overall size	3050 X 1970 X 2100mm	3050 X 1970 X 2100mm

CNC Wooden Door Machining Center

- ▶ **MSK3722-5A**  
CNC Wooden Door Machining Center
- ▶ **MSK3722-5A X 2**  
CNC Wooden Door Machining Center



Features

5 heads with double working station, continuous milling brings high production efficiency. Using the tool rod to set the zero point, simple programming and easy to learn. It has obvious advantages for the processing of arc hole, oval hole, shaped hole etc., one-time processing for shaped workpiece, different length and depth of mortisers etc.

Technical parameter

Model	MSK3722-5A	MSK3722-5A X 2
X axis max. travel	3300mm	3100mm
Y axis max. travel	430mm	430mm
Z axis max. travel	300mm	300mm
Max. machining width	120mm	120mm
X axis servo motor power	2.3kw	2.3kw
Y axis servo motor power	2.0kw	2.0kw
Z axis servo motor power	2.0kw	2.0kw
Spindle speed	18000r/min	18000r/min
Spindle power	2.2kw X 5	3.7kw X 5+2.2kw X 5
Spindles distance	192mm	192mm
Rapid speed	40m/min	40m/min
Total power	17.3kw	35.8kw
Overall size	4740 X 2230 X 1940mm	4740 X 2230 X 1940mm





# CNC Mortising & Tenon Machining Center

## MSK4322

CNC Mortising & Tenon Machining Center

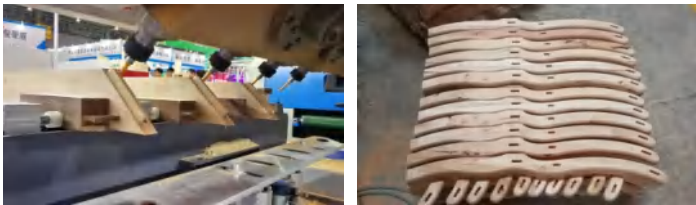


### Features

4 spindles in one row, total 4 rows. With the function of rotating 360°, controlled by computer intelligently, multi-axis and double working station, to complete the processing for both sides at one-time clamping, and make mortise and tenon on inclined side or arc in any angle.

### Technical parameter

Max. processing length	4000mm
Max. processing width	150mm
Max. processing thickness	120mm
Spindle power	5.5kw X 4+3.0kw X 4
Air pressure	0.7-0.8mpa
Spindle speed	3000-18000r/min
Overall size	5800 X 1900 X 2400mm
Weight	4300kg



### Parts Description



# CNC Double-end Tenon Machine

## MSK-2218B

CNC Mortising & Tenon Machining Center



## MSK-2218A

CNC Mortising & Tenon Machining Center



### Features

Feeding, discharging and positioning are all automatic, double-end processing at the same time, one button forming with high precision and lower labor intensity. No touching operation to prevent the injury accident. Can make square, rectangle, round, round waist etc. various shapes, is widely used in doors, chairs, tables etc. solid wood furniture.

### Technical parameter

Model	MSK-2218A	MSK-2218B
Raw material size	2200*200*80mm	2200*200*80mm
Max. raw material size	195mm-2200mm	195mm-2200mm
Processing length	180mm	150mm
Processing thickness	70mm	70mm
Processing teno	40mm	40mm
Total motor power	16.85kw	22.05kw
Spindle speed	12000r/min	12000r/min
Weight	2200kg	2200kg
Air pressure	0.6M PA	0.6M PA
Overall size	4750*2000*1690mm	4750*2000*1690mm





## CNC Wooden Door Machining Center

### ► MXZ5425A

CNC Wooden Door Machining Center



#### Technical parameter

Max. processing length	2500mm	Spindle speed	18000rpm/min
Max. processing thickness	50mm	Slotting motor power	11kw*2
Rapid speed	10m/min	Drilling motor power	4.5kw
Max. drilling depth	40mm	Total power	31kw
Max. arc machining depth	100mm	Worktable height	900mm
Milling cutter shaft dia.	35mm	Dust inlet dia.	100mm
Max. cutter outer dia.	180mm	Overall size	5000 X 1500 X 1640mm
Drill rod dia.	3-16mm	Weight	2800kg

#### Parts Description



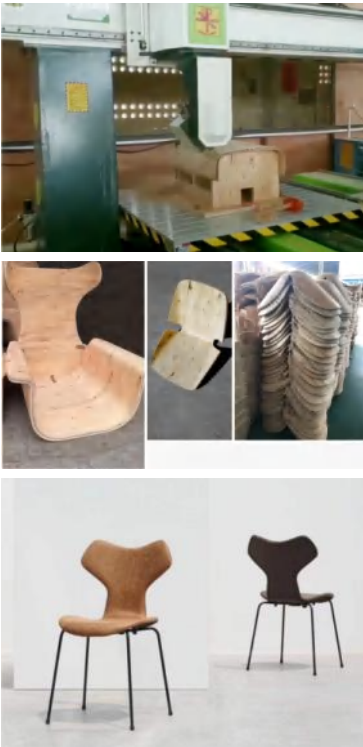
#### Applications



## CNC 5 Axis Machining Center

### ► SK5Z1414

CNC 5 Axis Machining Center  
Solve complex curved surface processing problem in easy way



#### Best parts and software

Domestic high quality spindle with 9kw air-cooling variable frequency and 24000rpm (Italian HSD is optional).  
Five axis self-calibration system for optimal path, ensure maximum precision machining.  
Unique torque system that locks the rotary shaft of the machining head in a vertical position to increase the mechanism stiffness.



#### Technical parameter

Worktable	Aluminum	Tool holder	ER32
Body structure	Seamless welding with thick steel	Inverter	7.5kw
Pinion & gear	Leadrack Grinding grade	Worktable attachment	4 sets N-150 sucker
Guide rail	Taiwan PMI	Single worktable size	1400 X 1400mm
Ball screw	Taiwan TBI	Gantry height	900mm
Spindle	7.5kw X 2pcs, 18000rpm/min	Working area	2500 X 1400 X 800mm
Control system	5 axis system (With RTCP)	Rapid speed	40m/min
Programming software	Mastercam/UG/Powermill etc.	Processing speed	20m/min
X/Z axis transmission	Yaskawa 1.5kw servo motor + ball screw	Turning speed	15m/mm
Y axis transmission	Yaskawa 1.0kw servo motor + ball screw	Processing precision	±0.02mm
B/C axis transmission	Yaskawa 0.75kw servo motor + RV speed reducer	Air pressure	0.6mpa
Pneumatic parts	Airtec	Overall size	4500 X 2600 X 4000mm
Tool magazine	8/12/16/20 optional	Weight	4000kg



CNC 4 Axis Machining Center

► SK1210T  
CNC 4 Axis Machining Center



Best parts and software

Domestic high quality spindle with 9kw air-cooling variable frequency and 24000rpm (Italian HSD is optional).  
Five axis self-calibration system for optimal path, ensure maximum precision machining.  
Unique torque system that locks the rotary shaft of the machining head in a vertical position to increase the mechanism stiffness.



CNC control panel



Precise guide rail connection and transmission



Flexible and stable - replaceable cutter shaft

Technical parameter

Worktable	Aluminum	Worktable attachment	4 sets N-150 sucker
Body structure	Seamless welding with thick steel	Single worktable size	1200 X 1000mm
Pinion & gear	Leadrack Grinding grade	Gantry height	900mm
Guide rail	Taiwan PMI	Working area	3000 X 1200 X 750mm
Ball screw	Taiwan TBI	Rapid speed	40m/min
Spindle	9kw, 18000rpm/min	Processing speed	20m/min
Control system	Syntec 4 axis system (With RTCP)	Turning speed	15m/mm
Programming software	Mastercam/UG/Powermill etc.	Processing precisio	±0.02mm
X/Z axis transmission	Syntec 1.7kw servo motor + ball screw	Air pressure	0.6mpa
Y axis transmission	Syntec 1.0kw servo motor + ball screw	Overall size	3800 X 2300 X 3500mm
B/C axis transmission	Syntec 0.75kw servo motor + speed reducer	Weight	3500kg

CNC Lathe

► MC3013  
CNC Lathe



► MC3015  
CNC Lathe

► MC3016  
CNC Lathe



Technical parameter

Model	MC3013	MC3015	MC3016
Max. working dia.	180mm	180mm	180mm
Max. length	1300mm	1500mm	1600mm
Hyd. pressure	70kg	70kg	70kg
Total power	7kw	7kw	7kw
Overall size	2700 X 1700 X 1900mm	2700 X 1700 X 1900mm	2900 X 1700 X 1900mm
Weight	1800kg	1900kg	2000kg

