

# SAMACH



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SOLID WOOD PROCESSING MACHINE

2020

SLABS MADE FROM LOG

FURNITURES PROCESSING MACHINE

DOORS/FLOOR PROCESSING MACHINE



SAMACH



— Innovation —

is the inexhaustible motive force forentrprise development

# SLABS MADE FROM LOG

Band Saw with Carrier  
RMJ-80-300/80-400

High-frequency Drying Machine  
RFY4II-20B/6II-30B/10II-50B/14II-60B

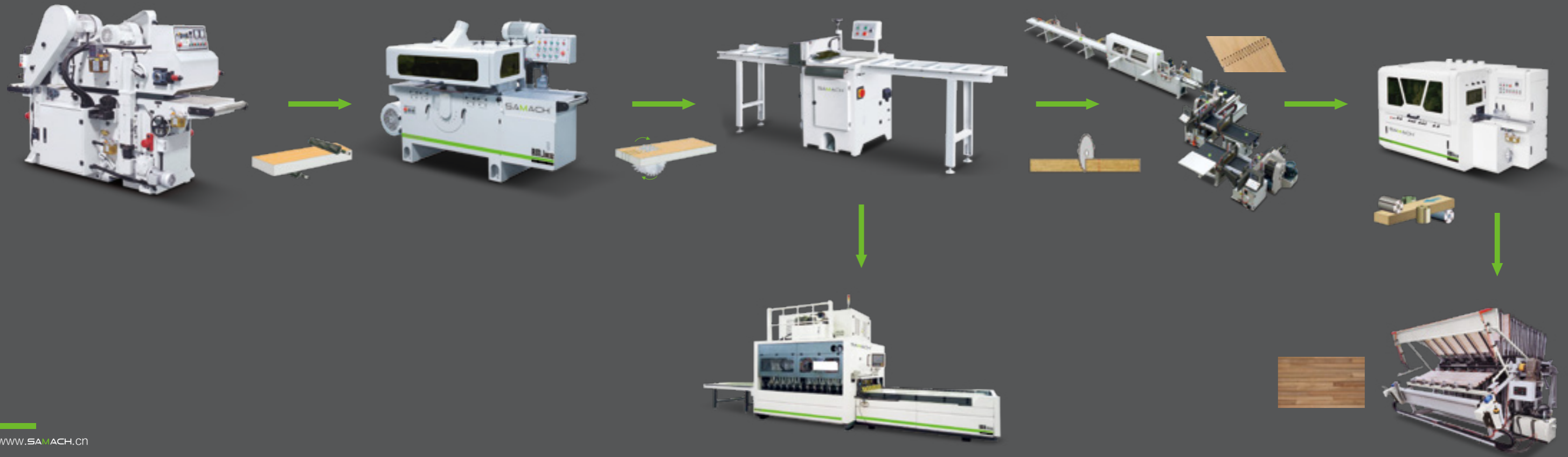
Cut-off Saw  
High Speed/Optimizing/CNC Cut Off Saw

Rip Saw  
Bottom Shaft Longitudinal Saw/Multi-rip Saw

Planer and Thicknesser  
Double-side/Four-side Moulder

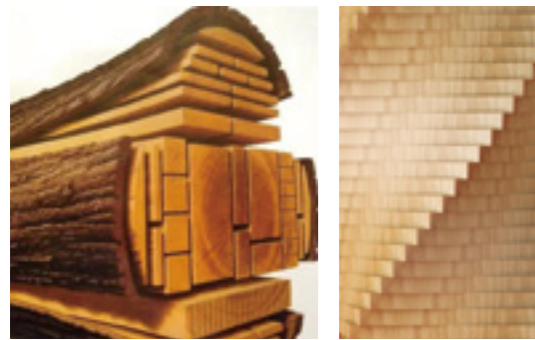
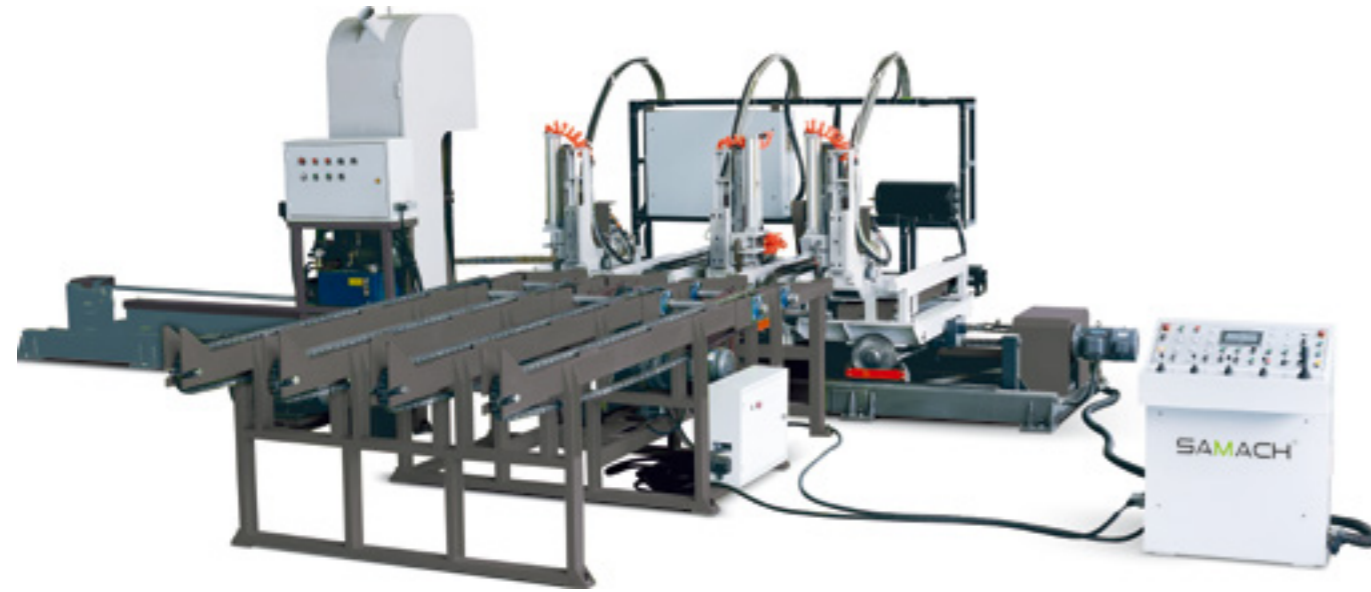
Full Automatic Finger Joint Line

High-frequency/Hydraulic Clamp Carrier Machine



## Band Saw with Carrier

### RMJ-80-300/80-400



#### TECHNICAL PARAMETERS

Model	RMJ-80-300	RMJ-80-400
Cutting capacity	1000-3000mm	1000-4000mm
Min. cutting thickness	3mm	3mm
Max. cutting dia.	800mm	800mm
Min. cutting dia.	150mm	150mm
Feed speed	0.5-15m/min	0.5-15m/min
Return speed	10-45m/min	10-45m/min
Specification of sawing plate	≥ 3mm adjustable	≥ 3mm adjustable
Wheel drive motor	17kw	17kw
Packing dimension	9600*2200*2000mm	11000*2200*2000mm

## High-frequency Drying Machine

### RFY4II-20B/6II-30B/10II-50B/14II-60B



#### TECHNICAL PARAMETERS

Model	RFY4II-20B	RFY6II-30B	RFY10II-50B	RFY14II-60B
Capacity	4m <sup>3</sup>	6m <sup>3</sup>	10m <sup>3</sup>	14m <sup>3</sup>
Working temperature	50-90°C	50-90°C	50-90°C	50-90°C
HF power	10-30kw	10-30kw	30-50kw	30-50kw
Stacking size	4000*1000*1000mm	6000*1000*1000mm	6000*1300*1300mm	8000*1300*1300mm
Frequency	6.78MHz	6.78MHz	6.78MHz	6.78MHz
Vacuum pressure	Limit-0.092Mpa	Limit-0.092Mpa	Limit-0.092Mpa	Limit-0.092Mpa

# High Speed Cut-off Saw

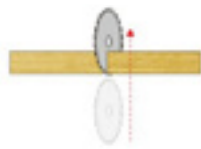
## RMJ274/274B/276/276B



RMJ274



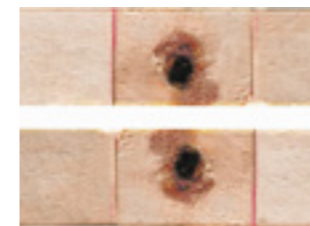
RMJ276



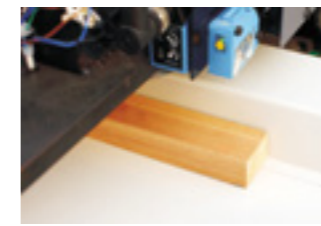
Model	RMJ274	RMJ274B	RMJ276	RMJ276B
Max. cut-off width	150mm(T:110mm) 300mm(T:40mm)	530mm(T:70mm)	520mm(T:40mm)	650mm(T:50mm)
Max. cutting thickness	-	-	200mm(W:190mm)	200mm(W:200mm)
Spindle blade size	Φ400mm	Φ400mm	Φ630*Φ30*90T*5mm	Φ620*Φ30*90T*5mm
Spindle speed	2840r/min	2500r/min	1850r/min	1850r/min
Installed power	5.5kw	4kw	7.5kw	7.5kw
Net weight	300kg	400kg	550kg	700kg
Overall size	2900*930*1100mm	2700*1000*1200mm	4250*1150*1300mm	4250*1150*1300mm
Packing size	3000*1030*1200mm	2800*1100*1300mm	4350*1250*1400mm	4350*1250*1400mm
Cylinder stroke	-	-	250mm	250mm

# Optimizing Cut-off Saw

## RMJ100/200



Position of timer incision and marking line are the same, error is less than 0.1mm



Apply the infrared calibration device to make the real time detection



Bottom sawing with high precision



Side infeed and pressing device with rubber wheel

1. Optimal yield cutting: according to the max wood yield, calculate the best possible length combination from the available fixed lengths in the cutting list.
2. Optimal value cutting: according to the max wood value, calculate the best possible value combination from the available values in the cutting list.
3. Grade sorting cutting: According to the 200 lengths and 8 grades, downgrade the high grade residual material to lower grade material automatically for the optimal value.
4. Defect removal: only cut out the material defects, such as knots, tear-outs and rots.
5. Longest length cutting: always cut the longest length first available in the cutting list.

Model	RMJ100	RMJ200	Saw blade diameter	Φ400-500mm	Φ400-500mm
Feeding speed	120m/min	120m/min	Saw blade rotation speed	4000r/min	4000r/min
Actual processing speed	35-50m/min	35-50m/min	Total installed power	12kw	12kw
Max. lifting speed	0.02-0.03s/t	0.02-0.03s/t	Compressed air interface	Φ12mm	Φ12mm
Cutting precision	± 1mm	± 1mm	Diameter of suction tube	Φ120mm	Φ120mm
The length of the feed	150-1000mm	150-1000mm	Overall dimension(the host)	1500*1500*1200mm	1500*1500*1200mm
The thickness of the material	10-70mm	10-70mm	Feed conveyor(W*L)	200mm*3m	200mm*5m
Feed width	10-350mm	10-350mm	Discharge conveyor(W*L)	200mm*2.5m	200mm*5m

# CNC Cut-off Saw

## RMJ601/602/603



Infrared calibration device.



15 degrees tilting table



Cylinder device



Model	RMJ601	RMJ602	RMJ603
Cutting thickness	10-120mm	200mm(Thickness:200mm)	40-80mm
Cutting width	30-200mm	450mm(Thickness:100mm)	30-230mm
Cutting length	4000mm	4000mm	4000mm
Max. cutting cross sectional area	120 × 120/100 × 200mm	-	250*30mm
Feeding speed	5-30m/min		60m/min
Cutting speed	40pcs/min		60pcs/min
Saw blade size	Φ450mm	Φ620mm	H450*D30
Dimension of saw shaft	Φ30mm	Φ30mm	Φ30mm
Saw spindle speed	3500rpm	1850rpm	3000rpm
Feeding servo motor	750W	750W	750W
Saw motor	7.5kw	7.5kw	7.5kw
Pressure	5-6kg/cm <sup>2</sup>	5-6kg/cm <sup>2</sup>	5-6kg/cm <sup>2</sup>
Dust collecting port	Φ100mm*2	Φ100mm*2	Φ100mm*1
Overall size	9000*1200*1300mm	9000*1225*1500mm	6750*1450*1800mm
Sawing error	<1mm	<1mm	<1mm
Weight	900kg	1200kg	1000kg
Cylinder stroke	250mm	250mm	250mm

# Bottom Shaft Longitudinal Saw

## RMJ162



The parts of feeding chain are made by special material



Infrared calibration device



Dust collect

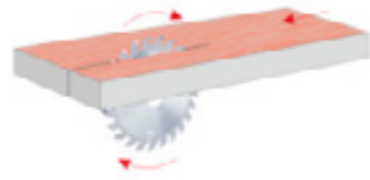


Installed with anti-rebound device on the work table

Sawing thickness	10-80mm	Saw shaft diameter	Φ50.8mm
Maximum sawing width	480mm	Spindle speed	2840r/min
Minimum sawing length	320mm	Feeding speed	10-16-22m/min
Maximum saw blade diameter	Φ355mm	Working desk size	1500*700mm
Main motor power	7.5kw	Dimension	1650*1100*1400mm
Feed motor power	1.1kw	Packing size	1750*1200*1500mm
Total power	12.1kw	Weight	950kg

# Bottom Shaft Longitudinal Saw

## RMJ163B/164/165



Optimal edge cutting    Optimal width cutting    Optimal value cutting    Apply the second time optimal cutting for the remainder material

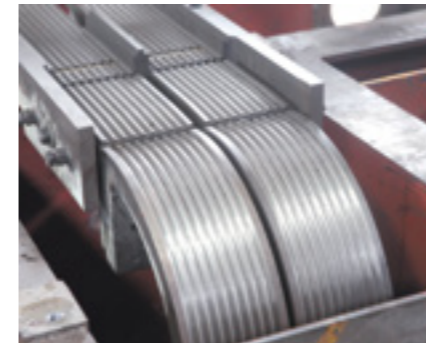
Model	RMJ163B	RMJ164	RMJ165
Sawing thickness	10-90mm	10-120mm	15-150mm
Maximum sawing width	390mm	560mm	560mm
Minimum sawing length	230mm	280mm	280mm
Maximum saw blade diameter	Φ355-405mm	Φ405-500mm	Φ405-530mm
Main motor power	11kw	15kw	15kw
Feed motor power	1.5kw	2.2kw	2.2kw
Lifting box lifting motor power	0.25kw	0.25kw	0.25kw
Total power	12.75kw	17.45kw	17.45kw
Saw shaft diameter	Φ50.8mm	Φ50.8mm	Φ50.8mm
Spindle speed	2840r/min	2840r/min	2840r/min
Feeding speed	10-33m/min	10-33m/min	10-33m/min
Working desk size	1820*970mm	2020*1170mm	2020*1170mm
Dimension	2100*1600*1450mm	2260*1850*1450mm	2260*1850*1450mm
Weight	1600kg	1900kg	1900kg



The parts of feeding chain are made by special material and the structure of the teeth is more stronger which will extend the service life and more smoothly in feeding.



Taiwan saw blade which will ensure high precision and make the surface of finished product smooth.



The guide rail adopt special wear-resistant material with the structure of double caterpillar which will ensure the accuracy.



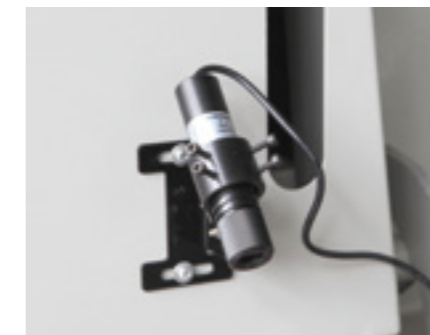
Microcomputer control pump for lubrication of key parts to extend the service life.



The machine is installed with anti-rebound device on the work table to avoid any material kickback for safety purpose.



Conveniently adjusting the height with motor.



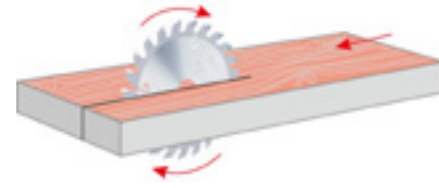
Infrared calibration device to make the real-time detection.



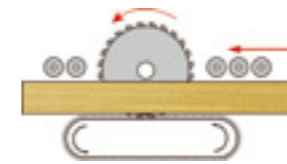
Limited switches ensure the operator safe while saw lifting.

# Single-rip Longitudinal Saw

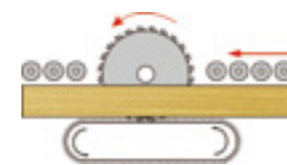
## RMJ153/153A/153B/153C/153D



RMJ153A/153C/153D



153A/B/C



153D



RMJ153/153B

Model	RMJ153	RMJ153B
Sawing thickness	5-85mm	5-85mm
Maximum sawing width	360mm	360mm
Minimum sawing length	320mm	320mm
Maximum saw blade diameter	Φ305mm	Φ305mm
Saw blade inner diameter	Φ25.4mm	Φ25.4mm
Saw shaft speed	3750r/min	3750r/min
Main motor power	7.5kw	7.5kw
Feed motor power	0.75kw	0.75kw
Lifting box lifting motor power	-	-
Total power	8.25kw	8.25kw
Weight	750kg	780kg
Working desk size	1320*940mm	1540*945mm
Dimension	1560*970*1430mm	1780*970*1430mm



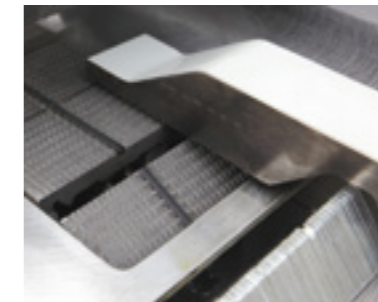
Single-piece longitudinal trimming processing for workpieces with a thickness under 85mm



Adopt Taiwan brand chain plate and guide rail, with strong wear resistance and high precision.



Infrared calibration device to make the real-time detection.



MJ153A/B/C/D adopts 4 anti-rebound devices for safety .



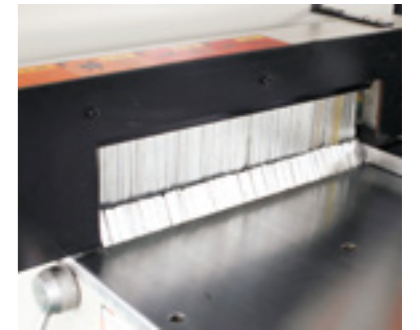
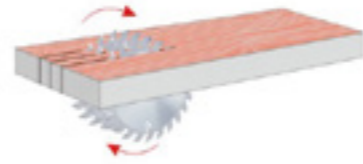
MJ153 adopts short table with 3 anti-rebound devices

Model	Frequency	Feeding way	Qty. of press roller	Rebound device	Suitable for short boards	Max. work thickness
153	x	Chain conveyor	4	3	x	85mm
153A	x	Plug type conveyor	5	4	x	85mm
153B	x	Chain conveyor	5	4	x	85mm
153C	Yes	Plug type conveyor	5	4	x	85mm
153D	Yes	Plug type conveyor	7	4	Yes	120mm

Model	RMJ153A	RMJ153C	RMJ153D
Sawing thickness	5-85mm	5-85mm	5-120mm
Maximum sawing width	460mm	460mm	460mm
Minimum sawing length	320mm	320mm	230mm
Maximum saw blade diameter	Φ305mm	Φ305mm	Φ355mm
Saw blade inner diameter	Φ25.4mm	Φ25.4mm	Φ25.4mm
Saw shaft speed	3660r/min	3660r/min	3660r/min
Main motor power	11kw	11kw	11kw
Feed motor power	0.75kw	1.5kw	1.5kw
Lifting box lifting motor power	-	0.25kw	0.25kw
Total power	11.75kw	12.75kw	12.75kw
Weight	850kg	850kg	950kg
Working desk size	1580*890mm	1580*890mm	1580*890mm
Dimension	1850*1060*1430mm	1850*1060*1430mm	1850*1060*1480mm



# Automatic Bottom Shaft Multi-rip Saw RMJ1415/1432/1440



Adopting ultrathin saw blades with low kerf loss which is only 2.6mm and improve wood utilization rate.

Automatic feeding and high precision sawing according the input data.

The double anti-rebound device.



RMJ1432/1440



RMJ1415



The control panel is simple and easy to get start.



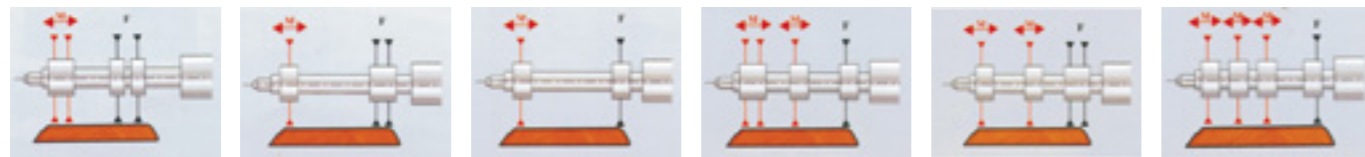
Optional spring and lead screw device for the purpose of preventing lose way.



The stepless speed regulation device



The feeding roller is applying the pneumatic apparatus device.



F= Fixed saw blade M=Activity saw blade

The picture shows only several samples to unit the saw blade.

The output quantity = division bar quantity = maximum width/ (output size+ thickness of saw blade)

## TECHNICAL PARAMETERS

Model	RMJ1415	RMJ1432	RMJ1440
Max. cutting width	180mm	320	400mm
Max. cutting thickness	60mm	100	100mm
Min. cutting thickness	20mm	10	20mm
Min. working length	200mm	250	360mm
Spindle speed	3600r/min	3600r/min	3600r/min
Spindle dia.	φ50mm	φ70mm	φ50mm
Spindle saw dia.	φ250*φ50mm	φ305-φ355*φ70mm	φ305-φ355*φ70mm
Feeding speed	3-16.5m/min(stepless)	3-18m/min (stepless)	6-18m/min(stepless)
Spindle motor power	11kw	30kw	37kw
Feeding motor power	1.5kw	3kw	3kw
Lifting motor power	0.75kw	0.75kw-4	fixed
Beam lift motor power	Manual	-	0.75kw
Saw shaft lift motor power	Fixed	0.75kw-4	0.75kw
Total power	13.25kw	34.5kw	41.5kw
Air pressure	0.6Mpa	0.6Mpa	0.6Mpa
Overall size	1600*980*1480mm	2700*1200*1700mm	2600*1300*1600mm
Weight	900kg	1800kg	1900kg

# Automatic Upper-bottom Shafts Multi-rip Saw RMJ9420/9430



## TECHNICAL PARAMETERS

Model	RMJ9420	RMJ9430
Max. cutting Width	200mm	300mm
Max. cutting thickness	120mm	120mm
Min. cutting thickness	20mm	20mm
Min. working length	400mm	400mm
Spindle speed	4200r/min	4200r/min
Spindle dia.	φ50mm	φ50mm
Spindle saw dia.	φ180*φ50mm	φ180*φ50mm

Feeding speed	5-12m/min(stepless)	5-12m/min(stepless)
Upper saw shaft motor power	15kw	22kw
Lower saw shaft motor power	15kw	22kw
Feeding motor power	1.5kw	1.5kw
Total power	31.5kw	45.5kw
Overall size	2300*1100*1350mm	2300*1200*1350mm
Weight	1100kg	1700kg

## Surface Planer RMB524M/525M/526M



Heavy duty guide rail.

Model	RMB524M	RMB525M	RMB526M
Max. planing width	410mm	510mm	630mm
Max. planing capacity	≤ 5mm	≤ 5mm	≤ 5mm
Spindle speed	5700r/min	5100r/min	5100r/min
Cutter numbers	4	4	4
Cutter diameter	φ 85mm	φ 100mm	φ 100mm
Motor power	3kw	4kw	5.5kw
Motor rotating speed	2880r/min	2900r/min	2900r/min
Overall size(mm)	2500*600*800	2500*700*800	2500*830*800

## Heavy Duty Thicknesser RMB105T/106T



Control panel



Electrical control box

Model	RMB105T	RMB106T
Max. cutting width	500mm	630mm
Cutting thickness	5-255mm	5-255mm
Min. cutting length	≥ 280mm	≥ 280mm
Max. cutting depth	8mm	8mm
Feeding speed	3-18m/min	3-18m/min
Spindle speed	5000r/min	5000r/min
Total power	9.37kw	12.87kw
Spindle diameter	φ 114mm	φ 114mm
G.W.	900kg	900kg
Packing size(mm)	1170 × 1010 × 1260	1300 × 1010 × 1260

## Thicknesser RMB104X/105X/106X



Manul lifting with precision height display

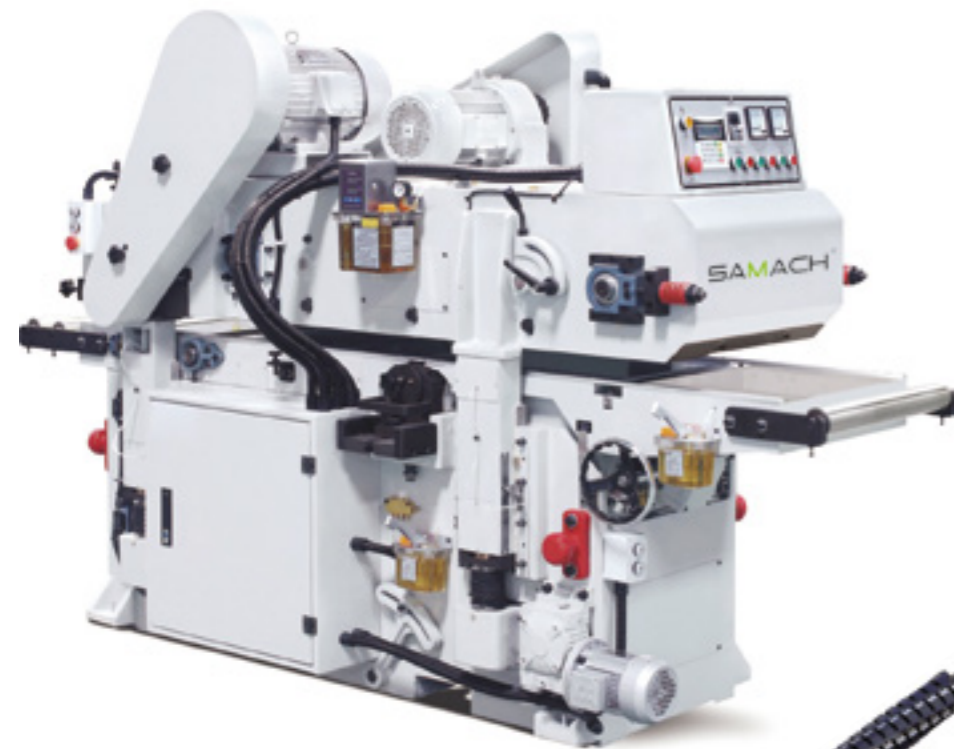


Speed shift in 3 levels.

Model	RMB104X	RMB105X	RMB106X
Max. cutting width	440mm	540mm	640mm
Cutting thickness	220mm	230mm	230mm
Min. cutting length	≥ 220mm	≥ 220mm	≥ 220mm
Max. cutting depth	≤ 5mm	≤ 5mm	≤ 5mm
Feeding speed	8;10;12m/min	8;10;12m/min	8;10;12m/min
Spindle speed	5000r/min	5000r/min	5000r/min
Motor power	4kw	5.5kw	7.5kw
Spindle diameter	φ 105mm	φ 105mm	φ 105mm
G.W.	480kg	520kg	580kg
Packing size(mm)	940*810*1260	940*910*1260	940*1010*1260

# Double-side Planer

## RMB470B/630B/470A/630A



Frequency



Stepless



Optional

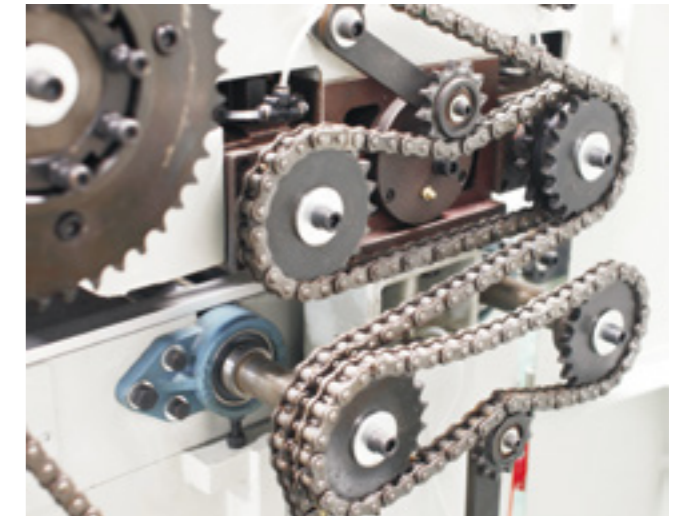
### TECHNICAL PARAMETERS

Model	RMB470B	RMB630B	RMB470A	RMB630A
Working thickness	9-200mm	9-200mm	9-200mm	9-200mm
Working width	10-470mm	10-630mm	10-470mm	10-630mm
Min. working length	300mm ( 200mm )	300mm ( 200mm )	300mm ( 200mm )	300mm ( 200mm )
Max. cutting depth	Upper:5mm Bottom:5mm	Upper:5mm Bottom:5mm	Upper:5mm Bottom:5mm	Upper:5mm Bottom:5mm
Cutting spindle dia.	Φ100mm	Φ100mm	Φ100mm	Φ100mm
Cutting spindle speed	5000r/min	5000r/min	5000r/min	5000r/min
Feeding speed	7-13m/min	7-13m/min	3-24m/min	3-24m/min
Upper cutting spindle motor power	7.5kw	15kw	7.5kw	15kw
Bottom cutting spindle motor power	5.5kw	7.5kw	5.5kw	7.5kw
Feeding motor power	2.2kw	2.2kw	2.2kw(VFD)	2.2kw(VFD)
Lifting motor power	0.37kw	0.37kw	0.37kw	0.37kw
Total power	15.57kw	25.07kw	15.57kw	25.07kw
Dust exit dia.	Φ150mm	Φ150mm	Φ150mm	Φ150mm
Overall size	2650*980*1800mm	2650*1150*1800mm	2650*980*1800mm	2650*1150*1800mm
Net weight	2200kg	2600kg	2200kg	2600kg

- 1.Schneider electrical elements
- 2.The bearing brand such as TR. NSK. SNR.
- 3.The holders are all resin sand casting to avoid any deformation.
- 4.Imported automatic lubrication pump for forced lubrication of feeding parts, with oil-free protection function



The structure of the bottom cutter shaft can be pulled out quickly .



Driven feed roller structure.ensuring stronger and smoother feeding. equipped with overloading protection mechanism.



Short boards,feeding roller shelf device(optional)



Suitable for double side and fixed-thickness planing for the boards of thickness under 200mm



Equipped with pressure plate guarantees short workpiece smooth machining, increasing production output.



Automatic thickness measurement and lower limit switch.



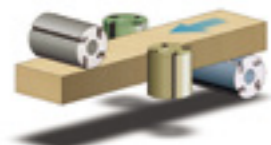
The feeding unit can be adjusted up-wards and downwards,the elevating range reaches 6mm, and thus the processing precision can be enhanced with powerful feeding.



The precision can up to 0.01mm of the magnetic grating digital readout .input the data to set the working thickness automatically.

# Four-side Moulder

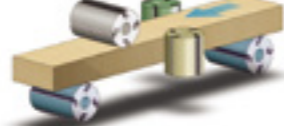
RMB418D/518DS/518DX/521DS/523DS/618D/621D/623D



Four Spindles



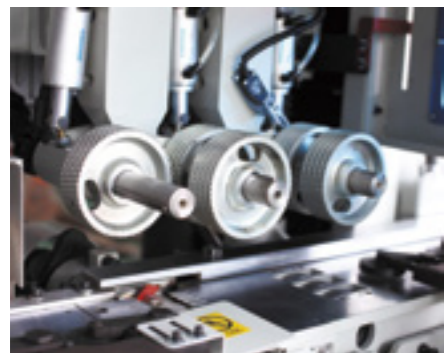
Five Upper Spindles



Five Bottom Spindles



Six Spindles



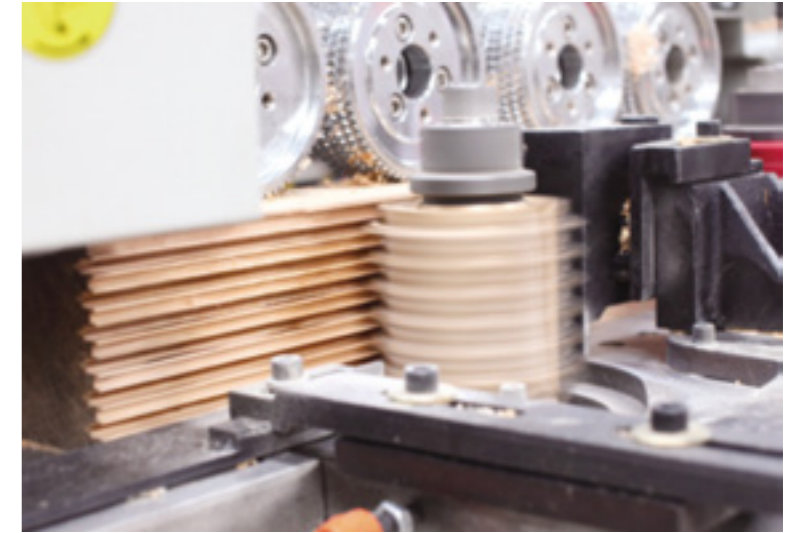
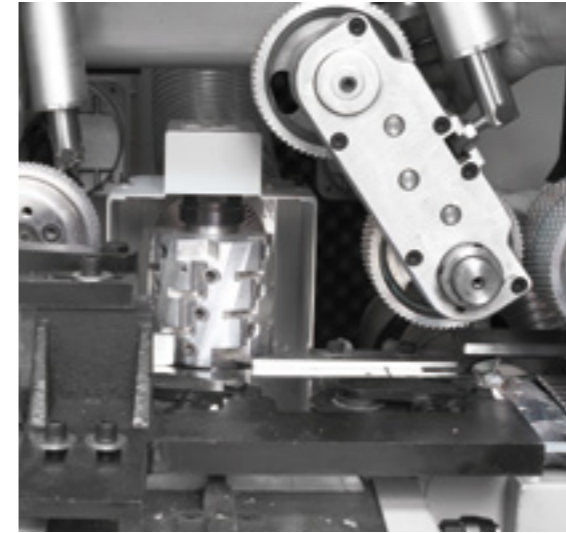
The flat tooth type steel roller with special treatment will durable in use.



The front work table is equipped with the active feeding wheel material feeding cutoff force.



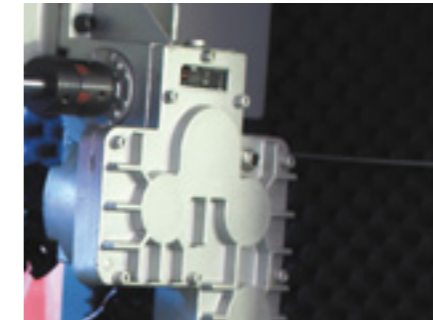
The imported oil pump could better protect and lubricate the machine tool.



There are sections for adjusting pressure according to the machine which could ensure feeding smoothly.



There are sections for adjusting pressure according to the machine which could ensure feeding smoothly.



There are sections for adjusting pressure according to the machine which could ensure feeding smoothly.



Machine with cardan joint drive infeed which is high efficiency and make the lifespan longer



The side infeed device which could ensure infeed smoothly.



High precision spindle motor which is great power to ensure the saw cutting will not get stuck.



The rear work table is equipped with the active feeding wheel ensuring the smooth feeding.

## Optional



The groove working table is optional for irregular workpiece.



The short material feeding device is optional for the purpose of coovenienting high speed feeding for short workpiece.



The pressing wheel mechanism for short boards, ensuring the smooth conveying of the short materials (Optional)

Model	RMB418D	RMB518DX	RMB518DS	RMB521DS
Working width	25-180mm	25-180mm	25-180mm	25-210mm
Working thickness	8-130mm	8-130mm	8-130mm	8-130mm
Working table length	580/300mm	580/300mm	580/300mm	580/300mm
Blade diameter	Φ40mm	Φ40mm	Φ40mm	Φ40mm
Feeding speed	5-40m	5-40m	5-40m/min	5-40m/min
Main spindle speed	7000r/min	7000r/min	7000r/min	7000r/min
Trimming blade diameter	Φ145/Φ150mm	Φ145/Φ150mm	Φ145/Φ150mm	Φ145/Φ150mm
1st lower blade diameter	Φ125mm	Φ125mm	Φ125mm	Φ125mm
Left/right blade diameter	Φ110-Φ170mm	Φ110-Φ170mm	Φ110-Φ170mm	Φ125-Φ170mm
1st upper blade diameter	Φ125-Φ160mm	Φ125-Φ160mm	Φ125-Φ160mm	Φ125-Φ160mm
2nd upper blade diameter	-	-	Φ125-Φ160mm	Φ125-Φ180mm
2nd lower blade diameter	-	Φ125-Φ180mm	-	-
Total motor power	24.25kw	30.75kw	32.75kw	36.25kw
1st lower blade power	4kw	4kw	4kw	5.5kw
Left/right blade power	5.5kw	5.5kw	5.5kw	5.5kw
1st upper blade power	5.5kw	5.5kw	5.5kw	7.5kw
2nd upper blade power	-	-	7.5kw	5.5kw
2nd lower blade power	-	5.5kw/7.5kw	-	-
Feeding motor power	3kw	4kw	4kw	4kw
Lifting motor power	0.75kw	0.75kw	1.5kw	1.5kw
Pneumatic source pressure	0.6Mpa	0.6Mpa	0.6Mpa	0.6Mpa
Dust outlet diameter	4*Φ150mm	5*Φ150mm	5*Φ150mm	5*Φ150mm
Overall size	3150*1550*1800mm	3150*1550*1800mm	3680*1550*1800mm	3680*1660*1860mm
Weight	2700kg	2900kg	3200kg	3500kg

Samples for door frame

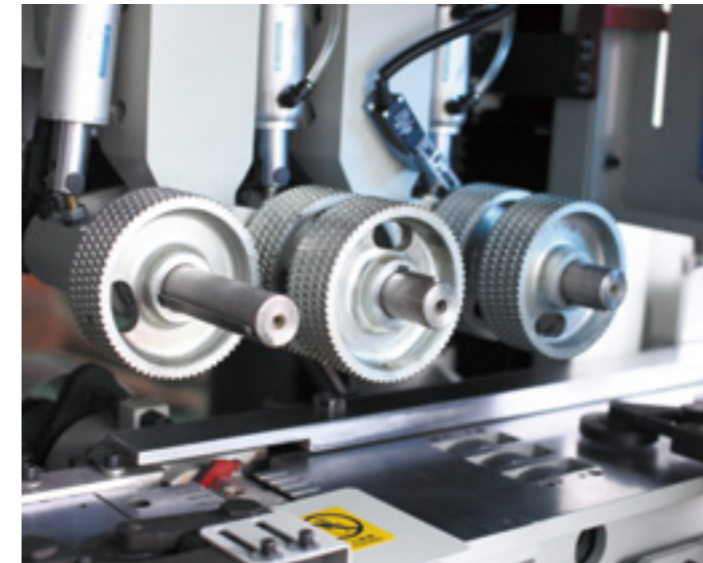
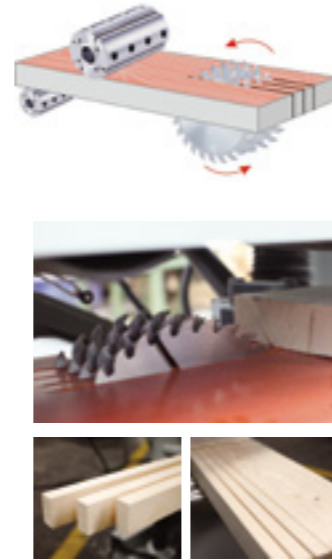


Model	RMB523DS	RMB618D	RMB621D	RMB623D
Working width	25-230mm	25-180mm	25-210mm	25-230mm
Working thickness	8-160mm	8-130mm	8-130mm	8-160mm
Working table length	580/300mm	580/300mm	580/300mm	580/300mm
Blade diameter	Φ40mm	Φ40mm	Φ40mm	Φ40mm
Feeding speed	5-40m/min	5-40m/min	5-40m/min	5-40m/min
Main spindle speed	7000r/min	7000r/min	7000r/min	7000r/min
Trimming blade diameter	Φ145/Φ150mm	Φ145/Φ150mm	Φ145/Φ150mm	Φ145/Φ150mm
1st lower blade diameter	Φ125mm	Φ125mm	Φ125mm	Φ125mm
Left/right blade diameter	Φ125-Φ170mm	Φ110-Φ170mm	Φ110-Φ170mm	Φ110-Φ170mm
1st upper blade diameter	Φ125-Φ160mm	Φ125-Φ160mm	Φ125-Φ160mm	Φ125-Φ160mm
2nd upper blade diameter	-	Φ125-Φ160mm	Φ125-Φ160mm	Φ125-Φ160mm
2nd lower blade diameter	Φ125-Φ180mm	Φ125-Φ180mm	Φ125-Φ180mm	Φ125-Φ180mm
Total motor power	47.25kw	40.25kw	43.75kw	54.75kw
1st lower blade power	7.5kw	4kw	5.5kw	7.5kw
Left/right blade power	7.5kw	5.5kw	5.5kw	7.5kw
1st upper blade power	11kw	7.5kw	7.5kw	11kw
2nd upper blade power	7.5kw	5.5kw	7.5kw	7.5kw
2nd lower blade power	7.5kw	7.5kw	7.5kw	7.5kw
Feeding motor power	4kw	4kw	4kw	5.5kw
Lifting motor power	1.5kw	1.5kw	1.5kw	1.5kw
Pneumatic source pressure	0.6MPa	0.6Mpa	0.6Mpa	0.6Mpa
Dust outlet diameter	5*Φ150mm	6*Φ150mm	6*Φ150mm	6*Φ150mm
Overall size	3680*1660*1860mm	3680*1550*1800mm	3680*1660*1860mm	3680*1660*1860mm
Weight	3800kg	3400kg	3700kg	4000kg

Samples for kitchen frame



## Double-side Planer Bottom Saw Machine RMS9323/9326



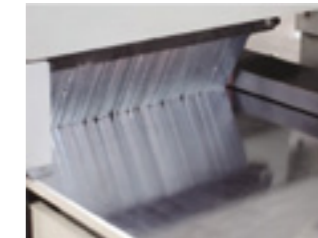
The flat tooth type steel roller with special treatment will durable in use.



Alloy saw blade on the top



Alloy saw blade on the bottom



Installed with anti-rebound device .

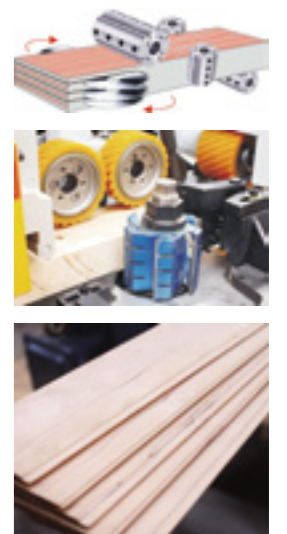


Adjustable worktable and backup plate.

## Double-side Planer Upper-bottom Saw Machine RMS9525



## Four-side Planer Saw Machine RMS9616SM/9620SM



### TECHNICAL PARAMETERS

Model	RMS9323	RMS9326	RMS9525
Machining width	20-230mm	15-260	20-250
Machining thickness	10-75mm	10-80	20-100mm
Min. processing length	630/450mm	550/300	600
Saw spindle diameter	40mm	50mm	50mm
Saw spindle speed	3800rpm	3600rpm	3900rpm
Diameter of planer shaft	40mm	40mm	50mm
Shaft speed of planer	6000rpm	7000rpm	7000rpm
Total power of motor	35.62kw	39.5kw	55.5kw
Bottom tool	4kw	5.5kw	7.5kw
Upper tool	5.5kw	7.5kw	9kw
Lower saw shaft motor	22kw	22kw	15kw
Overall size	3600*1300*1500mm	3200*1250*1680mm	3500*1450*1700mm
Machine tool weight	2340kg	2800kg	2750kg

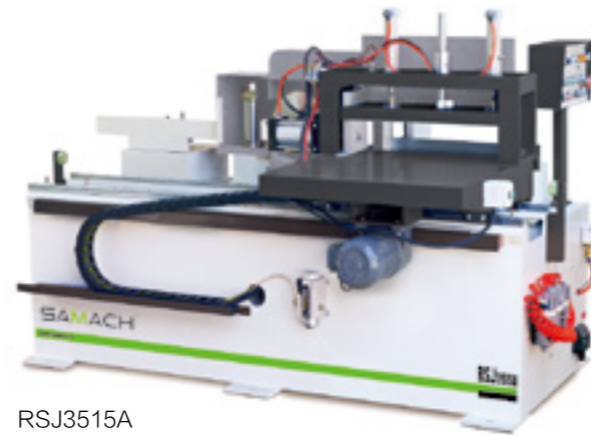
### TECHNICAL PARAMETERS

Model	RMS9520SM	Upper knife motor power	7.5kw
Processing width	35-200mm	Under the knife motor power	5.5kw
Processing thickness	20-100mm	Left knife motor power	4kw
The shortest processing length	650mm	Right knife motor power	4kw
Feeding speed (frequency conversion)	5-25m/min	Saw shaft motor power	22kw*2pcs
Saw shaft diameter	50mm	Feed motor power	5.5kw
Shaft diameter	50mm	Beam lift motor power	0.75kw
Blade specification	205*50mm	Total power	60.62kw
Planer specification	125*40mm	Dimension	3900*1350*1600mm

## Finger Joint Shaper RSJ3515A/3515Ta



RSJ3515Ta

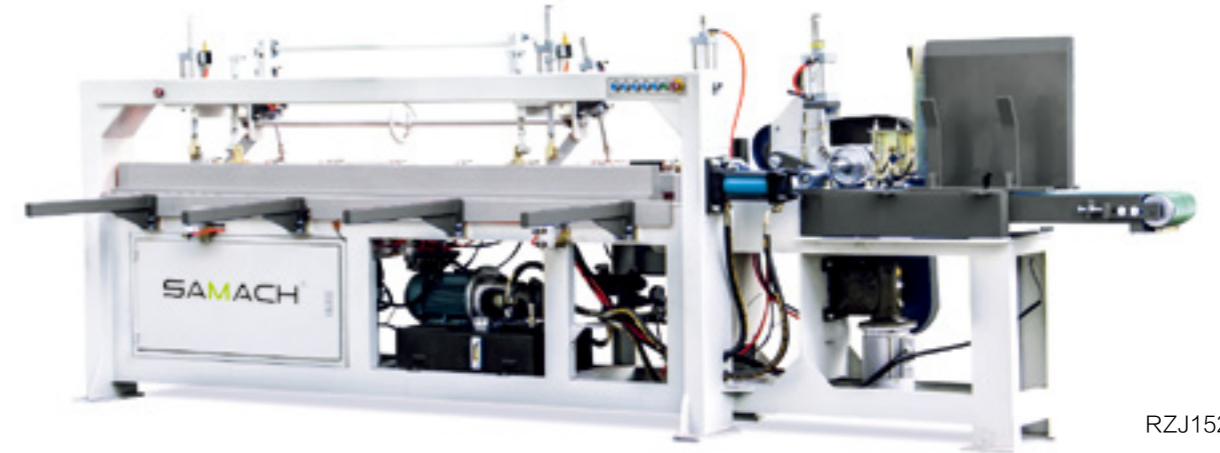


RSJ3515A

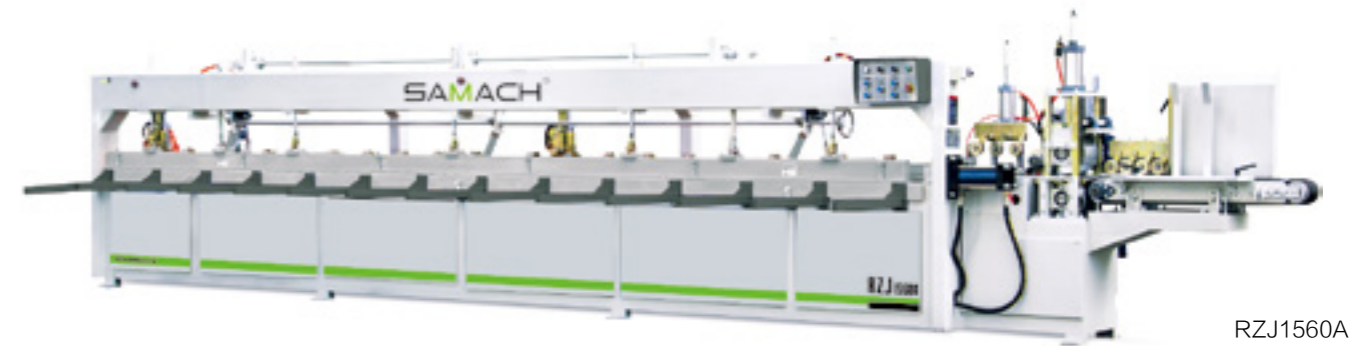
### TECHNICAL PARAMETERS

Model	RSJ3515A	RSJ3515Ta
Workbench size(LXW)	760*850mm	760*850mm
Max. thickness	150mm	150mm
Max. width	600mm	600mm
Diameter of main saw shaft	φ 30mm	φ 30mm
Diameter of cutting tenon and mortise shaft	φ 70mm	φ 70mm
Rotating speed of main saw shaft	2840rpm	2840rpm
Rotating speed of cutting tenon and mortise	6000rpm	6000rpm
Rated power of motor for cutting tenon and mortise	11kw	11kw
Rated power of motor for main saw shaft	4kw	4kw
Rated power motor for marking out saw	0.75kw	2*0.75kw
Total power	15.75kw	16.5kw
Overall dimension	2400*1730*1550mm	2700*1730*1550mm
Net weight	1800kg	2000kg

## Finger Joint Machine RZJ1525A/1560A



RZJ1525A



RZJ1560A

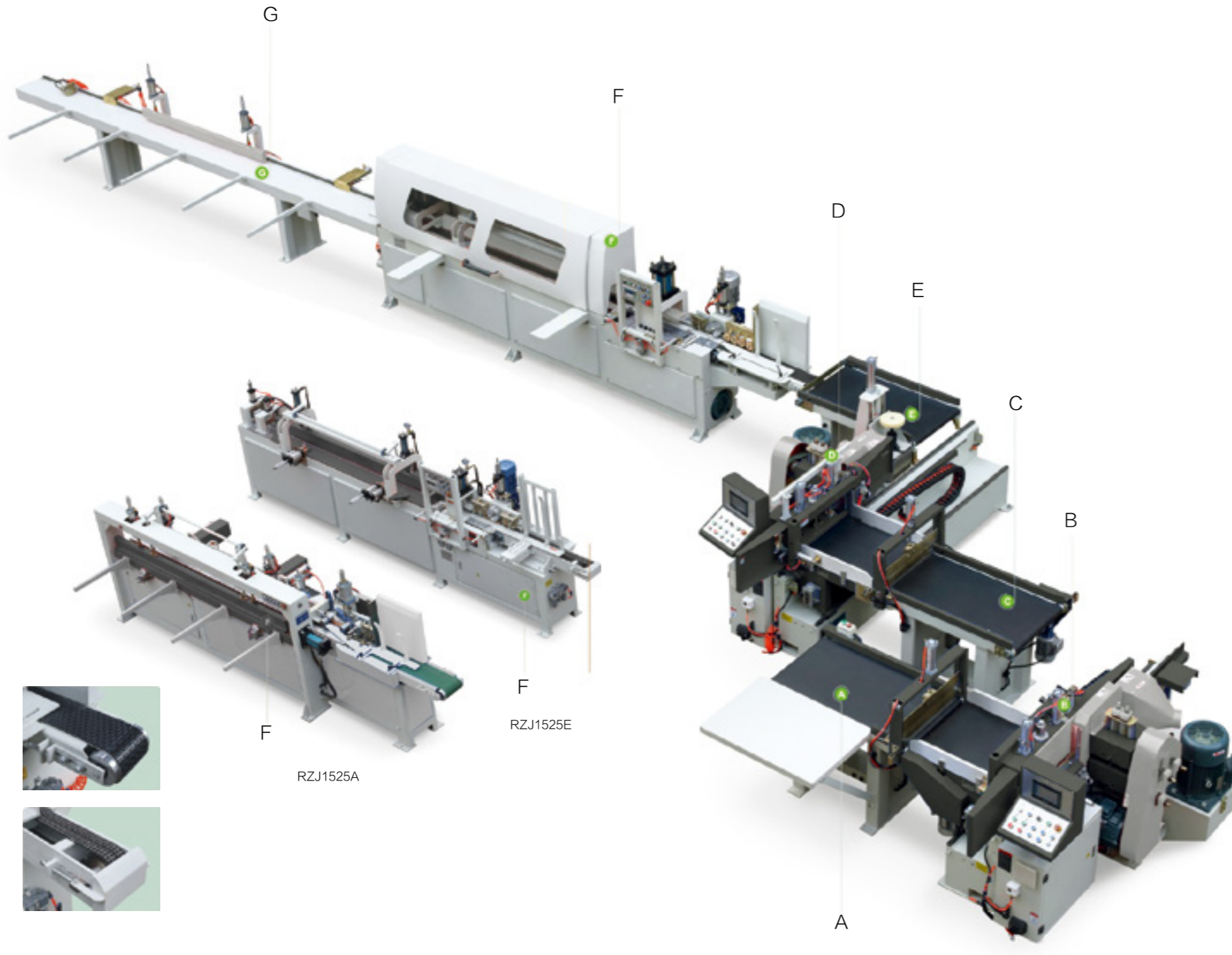


Model	RZJ1560A
Max. length of inoculation	6000mm
Max. width of inoculation	150mm
Max. thickness of inoculation	80mm
Min. length of inoculation	100mm
Min. width of inoculation	30mm
Min. thickness of inoculation	18mm
Rotating speed of saw blade	3700r/min
Diameter of saw blade	355mm
Rated power of saw motor	3kw
Rated power of oil pump	2.2kw
Air pressure of working	0.5-0.8Mpa
Max. engaging force	7800kg
Max. feed speed	30m/min
Overall dimension	7650*1000*1420mm

Model	RZJ1525A
Max. length of inoculation	2500mm
Size of working table	2600*500mm
Rated power of saw spindle	3kw
Rated power of oil pump	2.2kw
Max. push power of oil pressure	7800kg
Rated power of feeding speed	1.5kw
Max. size of inoculation	2500*150*80mm
Overall dimension	4200*1500*1500mm

# Semi-automatic Finger Joint Line

RZJL1525A\*600II RZJL1525E\*600II RZJL1525LA\*600II



Model	A	C	E
Length of work table	1150mm	1150mm	1150mm
Width of work table	600mm	600mm	610mm
Rate power of motor	0.37kw	0.37kw	0.37kw
Working pressure	0.5-0.8Mpa	0.5-0.8Mpa	0.5-0.8Mpa
Overall diameter(mm)	1180*725*920	1180*725*920	1180*725*920

- A-Material preparation belt conveyor
- B-Finger joint mortising
- C-Filter type belt conveyor
- D-Finger joint mortising(with gluing)
- E-Output belt conveyor
- F-Semi-auto unlimited length FJ assembler
- G-Finger joint assembler output table

Model	B	D
Max. working width	600mm	600mm
Min. working thickness	150mm	150mm
Max. working length	850mm	850mm
Cutter speed	6000r/min	6000r/min
Draw saw speed	5600r/min	5600r/min
Triming saw speed	5000r/min	5000r/min
Diameter of tenoner cutter	160mm	160mm
Diameter of tenoner cut-off saw	70mm	70mm
Rated power of cutter motor	11kw	11kw
Rated power of saw motor	5.5kw	5.5kw
Rated power of feeder motor	0.37kw	0.37kw
Rated power of servo motor	1kw	1kw
Net weight	2000kg	2200kg
Overall diameter	2380*1700*1400mm	2380*1700*1400mm

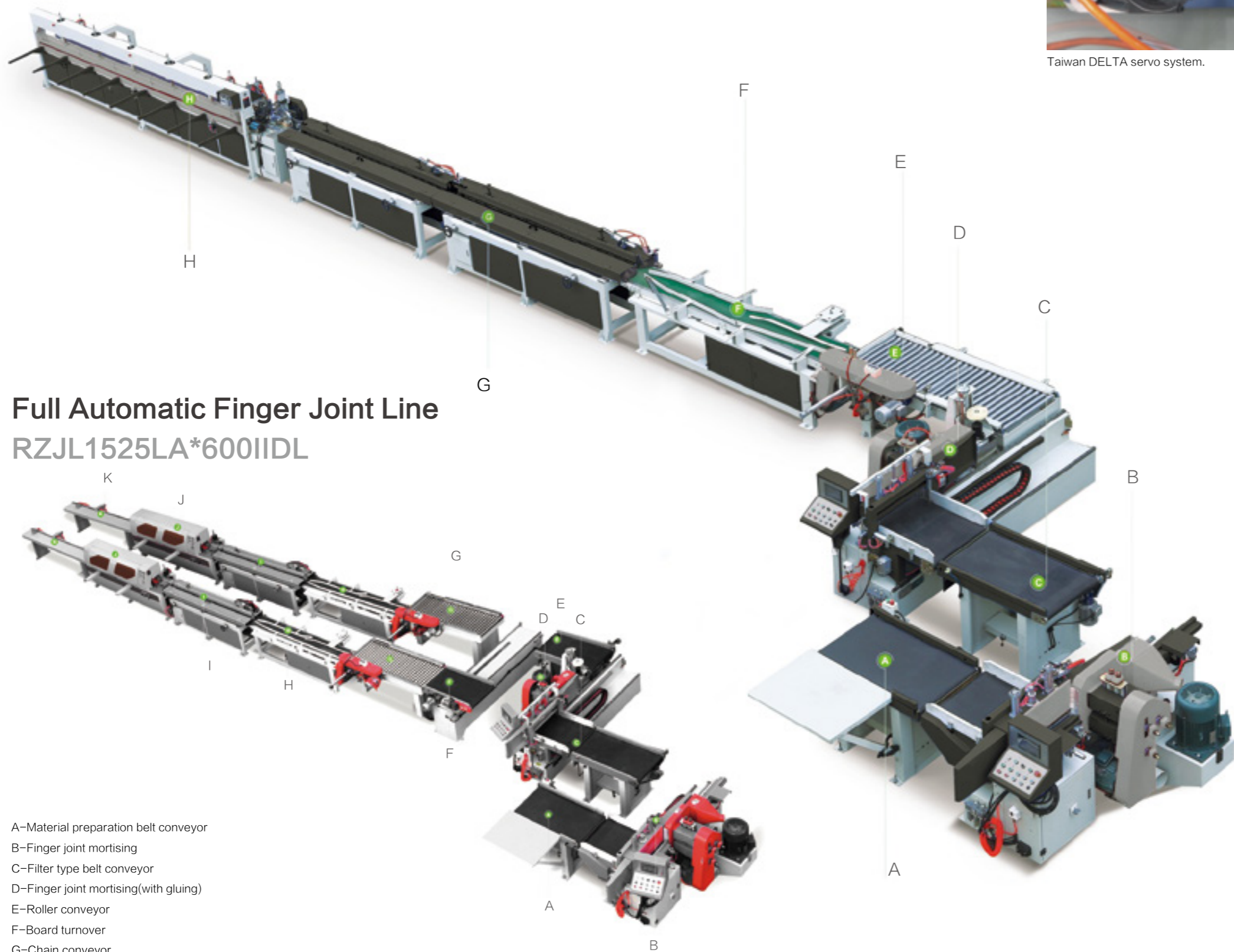
## Optional

Model	RZJ1525E	RZJ1525LA
Max. processing length	2500mm	Limitless
Max. processing width	80mm	135mm
Max. processing thickness	28mm	80mm
Min. processing length	100mm	—
Min. processing width	30mm	30mm
Min. processing thickness	18mm	15mm
Saw blade speed	2800Rpm	3700r/min
Saw blade diameter	200mm	355mm
Saw motor power	2.2kw	3kw
Oil pump power	3kw	5.5kw
Max. press power	3500kg	7800kg
Max. output	37m/min	25m/min
Overall dimension	4260*830*1470mm	4700*1000*1420mm

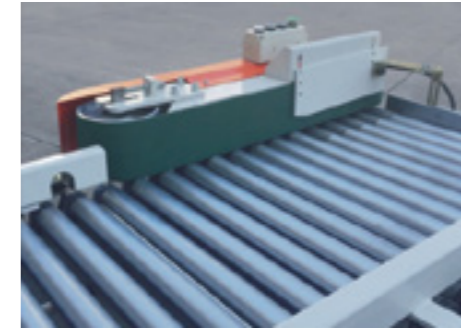
Model	G
Max. working size(L x W x H)	>6200 ( NO LIMITED ) *150*65 mm
Min. working size(L x W x H)	1000*30*15mm
Main saw blade size	φ 355mm
Main saw spindle speed	3700 rpm
Working air pressure	0.5-0.8 Mpa
Saw motor power	3kw
Oil pump power	5.5kw
Max. press power	7800kg
Max. output	25m/min
Overall dimension	4100*1200*1470mm



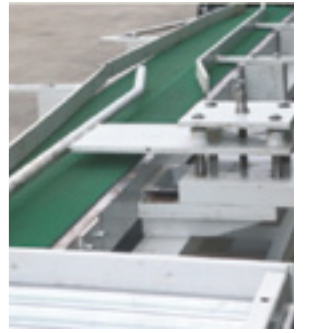
## Full Automatic Finger Joint Line RZJL1560A\*600II



Taiwan DELTA servo system.



Horizontal type chain conveyor.



Automatic feeding device.

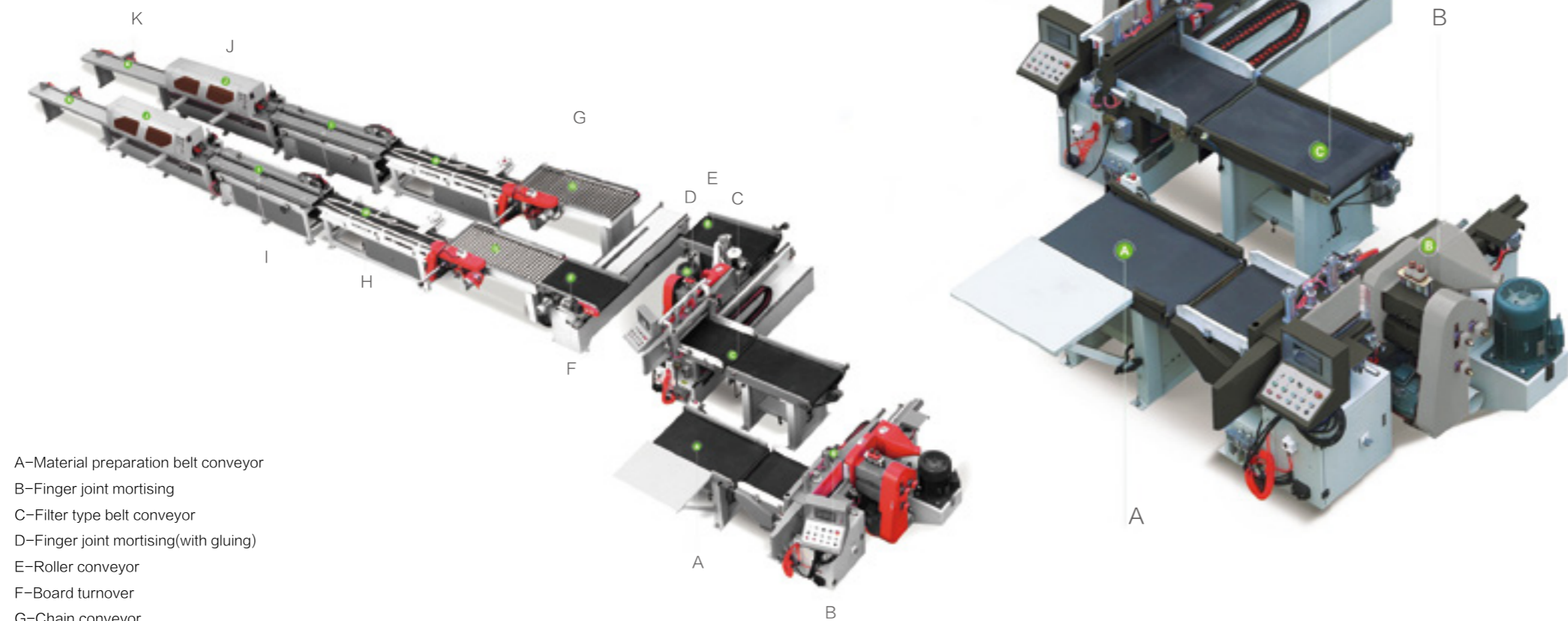


Automatic coating equipment.



Chain conveyor, the workpiece go through the machine to take effect.

## Full Automatic Finger Joint Line RZJL1525LA\*600IIDL

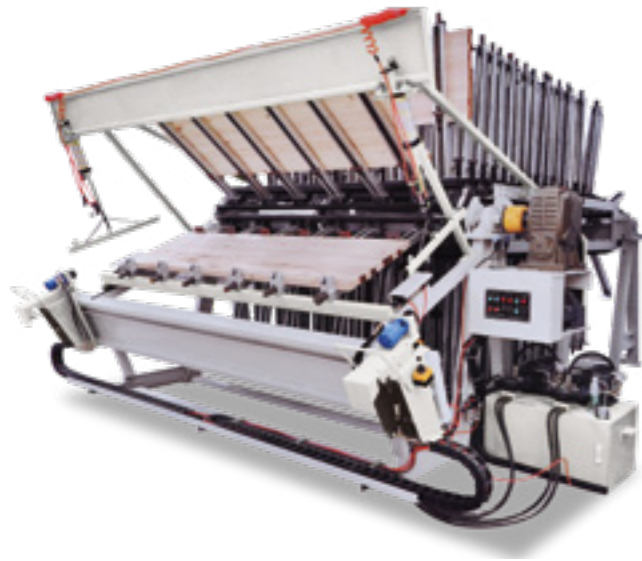


- A-Material preparation belt conveyor
- B-Finger joint mortising
- C-Filter type belt conveyor
- D-Finger joint mortising(with gluing)
- E-Roller conveyor
- F-Board turnover
- G-Chain conveyor
- H-Semi-auto unlimited length FJ assembler
- I-Finger joint assembler output table

Model	D-I	D-II
Max. working width	600mm	600mm
Min. working thickness	150mm	150mm
Max. working length	850mm	850mm
Cutter speed	6000r/min	6000r/min
Draw saw speed	5600r/min	5600r/min
Triming saw speed	5000r/min	5000r/min
Diameter of tenoner cutter	160mm	160mm
Diameter of tenoner cut-off saw	70mm	70mm
Rated power of cutter motor	11kw	11kw
Rated power of saw motor	5.5kw	5.5kw
Rated power of feeder motor	0.37kw	0.37kw
Rated power of servo motor	1kw	1kw
Working air pressure	0.5-0.8Mpa	0.5-0.8Mpa
Net weight	2000kg	2200kg
Overall diameter	2380*1700*1400mm	2380*1700*1400mm

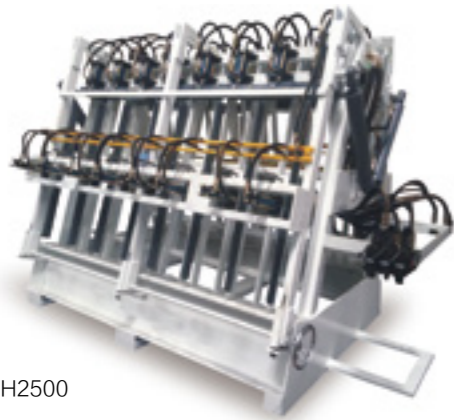
- A-Material preparation belt conveyor
- B-Finger joint mortising
- C-Filter type belt conveyor
- D-Finger joint mortising(with gluing)
- E-Roller conveyor
- F-Board turnover
- G-Cahin conveyor
- H-Finger joint assembler

## Hydraulic Clamp Carrier Machine Windmill Type RMH2820/2830/2840



Model	RMH2820	RMH2830	RMH2840
Max. work length	2800mm	2800mm	2800mm
Each row fixture	6 pcs	6 pcs	6 pcs
Maximum thickness	100mm	100mm	100mm
Reducer motor	2HP*1	3HP*1	3HP"
Total power	12HP	13HP	13HP
Hydraulic gun	2 sets	2 sets	2 sets
Automatic hydraulic system	1 sets	1 sets	1 sets
Max. working width	980mm	980mm	980mm
Fixture number	20 rows	30 rows	40 rows
Medium pressure hydraulic systems	5HP*2	5HP*2	5HP*2
Gear box	WPA155#*1	WPA155#*1	WPA175#*1
Spinning speed	0.8rpm	0.8rpm	0.8rpm
Press cylinder	2 pcs	2 pcs	2 pcs

## Hydraulic Clamp Carrier Machine RMH2500/5200



RMH2500



RMH5200

### TECHNICAL PARAMETERS

Model	RMH2500	RMH5200
Max. jointing length	2500mm	5200mm
Max. jointing width	1300mm	1300mm
Max. jointing thickness	150mm	150mm
Upper pressure cylinder	HOB80*80*8 PC	HOB100*100*32 PC
Medium pressure oil cylinder	-	HOB40*150*32 PC
Hanger lifting cylinder	HOB80*80*8 PC	HOB630*250*8 PC
Motor power	5.5kw	5.5kw
Weight	3000kg	6000kg
Dimension	3400*2000*2300mm	7000*2100*2500mm

## High-frequency Clamp Carrier Machine RMH2513S/3213S/4213S/5213S



Economic type



### TECHNICAL PARAMETERS

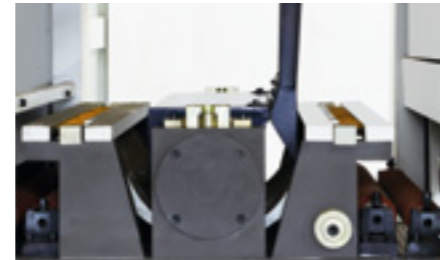
Model	RMH2513S	RMH3213S	RMH4213S	RMH5213S
Worktable size	2500*1300mm	3200*1300mm	4100*1220mm	5100*1220mm
Max. working size	2440*1220mm	3100*1220mm	4100*1220mm	5100*1220mm
Working board thickness	10-50mm	10-50mm	10-50mm	10-50mm
Max. vertical pressure	120KN	120KN	240KN	240KN
Max. side pressure	360KN	480KN	600KN	720KN
Output power	20kw	30kw	40kw	50kw
Feeding	Automatic feeding in pushing cart 15m/min			
Start mode	Vertical lift			

## Planer and Sanding Machine

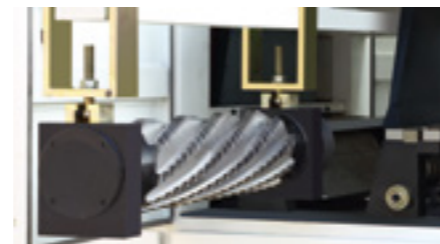
RBS630P-R-R(RP)

RBS1000P-R-R(RP)

RBS1300P-R-R(RP)



One-way feeding roller, avoiding the bounce of feeding material. Sectional type pressing device, used for sanding narrow material with greater pressure.



### TECHNICAL PARAMETERS

Model	RBS630P-R-R(RP)	RBS1000P-R-R(RP)	RBS1300P-R-R(RP)
Working width	30-630mm	30-1000mm	30-1300mm
Working thickness	2-100mm	2-100mm	2-100mm
Feeding speed	5-25m/min	5-25m/min	5-25m/min
Total motor power	36.05kw	48.05kw	78.55kw
Sanding belt (cloth)	80/120 mesh	80/120 mesh	80/120 mesh
Carbide inserts	216 pieces	360 pieces	450 pieces
Speed of sucked air	≥ 25m/s	≥ 25m/s	≥ 25m/s
#1 sanding unit	15kw, 9 spirals φ 180mm planer	18.5kw, 9 spirals φ 180mm planer	22kw, 9 spirals φ 180mm planing tool shaft
#2 sanding unit	11kw, φ 190mm eccentric steel roller	15kw, φ 190mm eccentric steel roller	30kw, φ 240mm eccentric steel roller
#3 sanding unit	7.5kw, φ 165mm SH85 eccentric steel roller, aluminum sanding pad	11kw, φ 165mm SH85 eccentric steel roller, aluminum sanding pad	18.5kw, φ 210mm SH85 eccentric steel roller, aluminum sanding pad
Overall dimension	2260x1365x2060mm	2260x1735x2110mm	2840*2100*2270mm

## Wide Belt Sanding Line for Double Sides

RST630R-RP/1000R-RP/1300R-RP

RST630R-R-RP/1000R-R-RP/1300R-R-RP



1. Automation, high, efficiency pipeline operations.
2. Perfect surface sanding effect.
3. For different process requirements, provides sanding situations.

# FURNITURES PROCESSING MACHINE

CNC Band Saw  
RJR-1214/1514/2014/2514

CNC Double-side Milling Machine  
RMJ-2TS/4TS/6TS/8TS

Double-end CNC Tenon Machine  
RMJ-2218A/B

CNC Mortising Machine  
RMJ2000-4/1500-4/1500-3/1500-2A

CNC Tongue and Groove Machining Center  
RMJ3725-5A/5B

Automatic Double-end Cutting Horizontal and Vertical  
Drilling Machine (Pneumatic Type) RFX-86

CNC Router Machine  
RD2512-8/1618-6

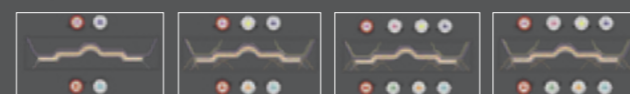
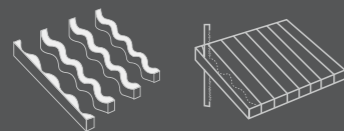
Full-automatic CNC Lathe  
RCK2091

Chair Processing Machine

Bed Processing Machine

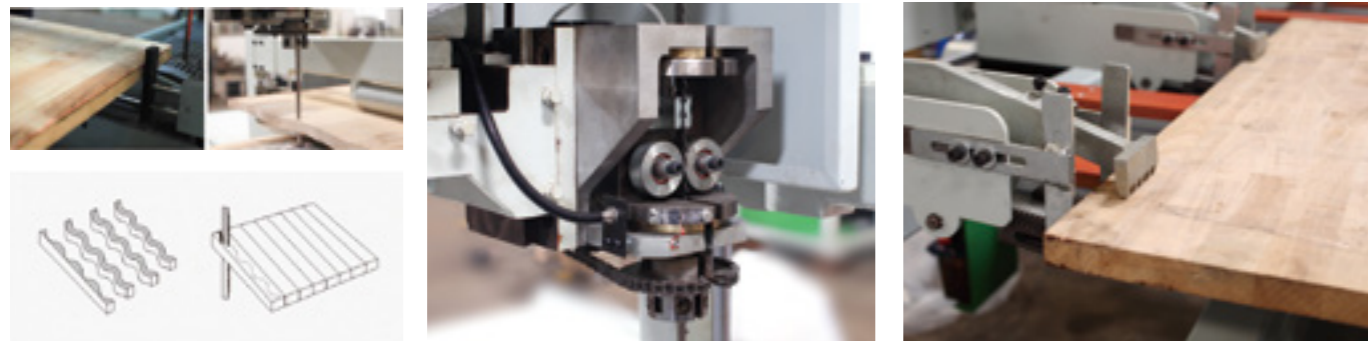
Special-shaped Sanding Line for Chair

Pressing Machine



## CNC Band Saw

### RJR-1214/1514/2014/2514



#### TECHNICAL PARAMETERS

Model	RJR-1214	RJR-1514	RJR-2014	RJR-2514
Work stroke(L*W*H)	1500*1400*180mm	1500*1400*180mm	1500*1400*180mm	1500*1400*180mm
Saw wheel diameter	760*60mm	760*60mm	760*60mm	760*60mm
Saw blade parameter	5340*13*0.9mm	5340*13*0.9mm	5340*13*0.9mm	5340*13*0.9mm
Saw blade rotation angle	-90°~+90°	-90°~+90°	-90°~+90°	-90°~+90°
Work speed	1-15m/min	1-15m/min	1-15m/min	1-15m/min
Return speed	60m/min	60m/min	60m/min	60m/min
CNC system	HIGERMAN	HIGERMAN	HIGERMAN	HIGERMAN
Saw blade power	10HP	10HP	10HP	10HP
Motor power	15HP	15HP	15HP	15HP
Size	3500*2300*2600mm	4600*2300*2600mm	5500*2300*2600mm	6800*2300*2600mm
Weight	2.8T	3.2T	3.5T	4T

## CNC Solid Wood Cutting Machine

### RXK1300/2513/2013



#### TECHNICAL PARAMETERS

Model	RXK1300	RXK2513	RXK2013
Max. work stroke	1400*1300*140mm	1400*2500*140mm	1400*2000*140mm
Max. work thickness	140mm	140mm	140mm
Processing speed	0-5m/min	0-5m/min	0-5m/min
Theory speed	0-20m/min	0-20m/min	0-20m/min
Spindle speed	0-18000m/min	0-18000m/min	0-18000m/min
Spindle motor	9kw	9kw	9kw
Servo motor	1.5+1.5+0.75+0.75kw	1.5+1.5+0.75+0.75kw	1.5+1.5+0.75+0.75kw
Work pressure	0.6-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa
Milling cutter dia.	6-10mm	6-10mm	6-10mm
Overall size	3000x2300x1600mm	3500*3000*1600mm	3000*3000*1600mm

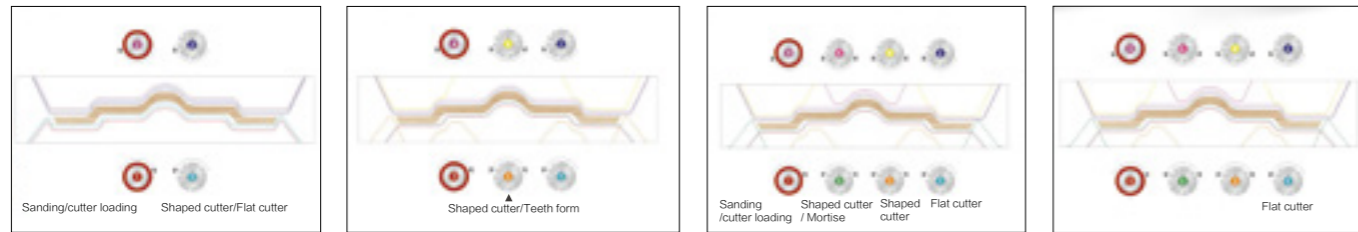
# CNC Double-side Milling Machine

## RMJ-2TS/4TS/6TS/8TS

RMJ-4TS



RMJ-8TS



### TECHNICAL PARAMETERS

Model	RMJ-8TS	RMJ-6TS	RMJ-4TS	RMJ-2TS
Processing length	2500mm	2500mm	1500/2000/2500mm	1500/2000/2500mm
Processing width	15-400/15-600mm	15-400/15-600mm	15-400/15-600mm	15-400/15-600mm
Processing height	200mm	200mm	200mm	200mm
Processing speed	1-20m/min	1-20m/min	1-20m/min	1-20m/min
Return speed	100m/min	100m/min	100m/min	100m/min
Tool shaft power	7.5kw*4 /8kw(2p/4p)*4	7.5kw*4 /8kw(2p/4p)*4	7.5kw*4 /8kw(2p/4p)M	7.5kw*4/8kw(2p/4p)*4
Knife shaft speed	9000r/min-3000r/min	9000r/min-3000r/mirt	9000r/min-3000r/min	9000r/min-3000r/min
Spindle diameter	Φ40mm	Φ40mm	Φ40mm	Φ40mm
X-axis transmission power	2kw/3kw	2kw/3kw	2kw/3kw	2kw/3kw
Y-axis transmission power	1kw*8	1kw*6	1kw*4	1kw*2
Total power	72kw	55kw	38kw	20kw
Dimension	9400*3600*2200mm	9000*3600*2200mm	6600*3600*2200mm	5500*3600*2200mm
			7600*3600*2200mm	6500*3600*2200mm
			8600*3600*2200mm	7500*3600*2200mm
Weight	9.5T	7.8T	5.5T	3.6T



One-piece high-speed mechanism design



Sanding mechanism



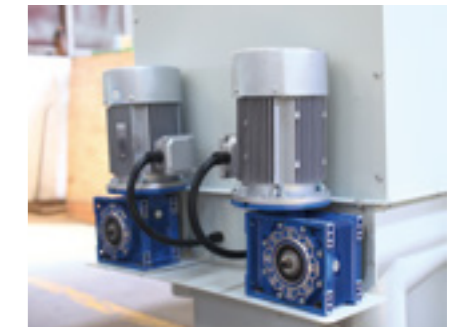
Heavy cutting mechanism



European imported two-speed motor



Multi-directional pressure cylinder with fast valve



Dust removal system adopts automatic spiral dust collection



Independent research and development operating software



Germany beckhoff system, Taiwan delta drive system



France schneider electric components

# Double-end CNC Tenon Machine

## RMJ-2218A/B



### TECHNICAL PARAMETERS

Model	RMJ-2218A	RMJ-2218B
Processing length range	220-2000mm	220-2000mm
Max. processing width range	10-180mm	10-180mm
Max. processing thickness range	5-70mm	5-70mm
Tongue length range	40mm	40mm
Tenon width	150mm	150mm
Mortise thickness	80mm	80mm
Spindle speed	12000r/min	12000r/min
Total power	17kw	21.4kw
Dimension	4280*2300*1980mm	4280*2300*1980mm



CNC intelligent large size touch screen



Taiwan Delta drive system, imported electrical components



With high precision high power spindle motor



Automatic feeding structure



Automatic outfeed device



Digital reader



Swing function



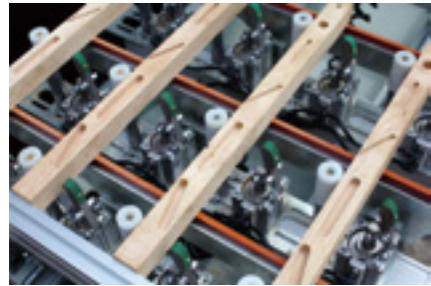
Width adjustment servo control



Electronic handwheel for quick and easy tuning

# CNC Mortising Machine

## RMJ2000-4/1500-4



Cutting and drilling can be processed simultaneously

### TECHNICAL PARAMETERS

Model	RMJ2000-4A	RMJ2000-4B	RMJ1500-4A	RMJ1500-4B
Processing range	2000*140*200mm	2000*140*200mm	1500*140*200mm	1500*140*200mm
Spindle power	2.2kw/3.7kw*4 pc	2.2kw/3.7kw*8 pc	2.2kw/3.7kw*4 pc	2.2kw/3.7kw*8 pc
Spindle speed	18000r/min (VFD)	18000r/min (VFD)	18000r/min (VFD)	18000r/min (VFD)
Equipment power	13kw/20kw	21kw/36kw	13kw/20kw	21kw/36kw
Processing speed	1-15m/min	1-15m/min	1-15m/min	1-15m/min
Return speed	60m/min	60m/min	50m/min	50m/min
CNC system	Taiwan Yitu	Taiwan Yitu	Taiwan Yitu	Taiwan Yitu
Installation size	3600*2300*2200mm	3600*2300*2200mm	2700*2300*2200mm	2700*2300*2200mm
Weight	2.3T	2.6T	2.3T	2.6T

# CNC Mortising Machine

## RMJ1500-3/1500-2A



RMJ1500-3



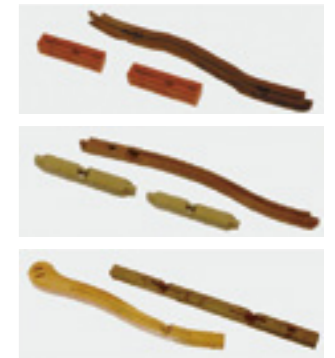
RMJ1500-2



Intelligent industrial computer control



Automatic oil filling system



### TECHNICAL PARAMETERS

Model	RMJ1500-3A	RMJ1500-3B	RMJ1500-2A
Processing range	1500*140*200mm	1500*140*200mm	1500*140*200mm
Spindle power	2.2kw/3.7kw*3 pc	2.2kw/3.7kw*6 pc	3.7kw*3 pc
Spindle speed	18000r/min (VFD)	18000r/min (VFD)	18000r/min (VFD)
Equipment power	11kw/16kw	11kw/16kw	11kw
Processing speed	1-15m/min	1-15m/min	1-15m/min
Return speed	50m/min	50m/min	50m/min
CNC system	Taiwan Yitu	Taiwan Yitu	Taiwan Yitu
Installation size	2700*2300*2200mm	2700*2300*2200mm	2700*2000*2200mm
Weight	2.1T	2.3T	1.8T



# CNC Tongue and Groove Machining Center

## RMJ3725-5A/5B



Multi-station work clamp



Taiwan Yitu system, easy to learn and operate.



Stable, accurate processing



Adjustable clamp point

### TECHNICAL PARAMETERS

Model	RMJ3725-5A	RMJ3725-5B
Processing range	3200*140*200mm	3200*140*200mm
Spindle power	2.2kw/3.7kw	2.2kw/3.7kw
Spindle speed	18000r/min	18000r/min
Equipment power	24kw/35kw	24kw/35kw
Processing speed	1-15m/min	1-15m/min
Return speed	50m/min	50m/min
CNC system	Taiwan Yitu	Taiwan Yitu
Installation size	4200*2200*2200mm	4200*2200*2200mm
Weight	2.9T	3.2T



5A



5B



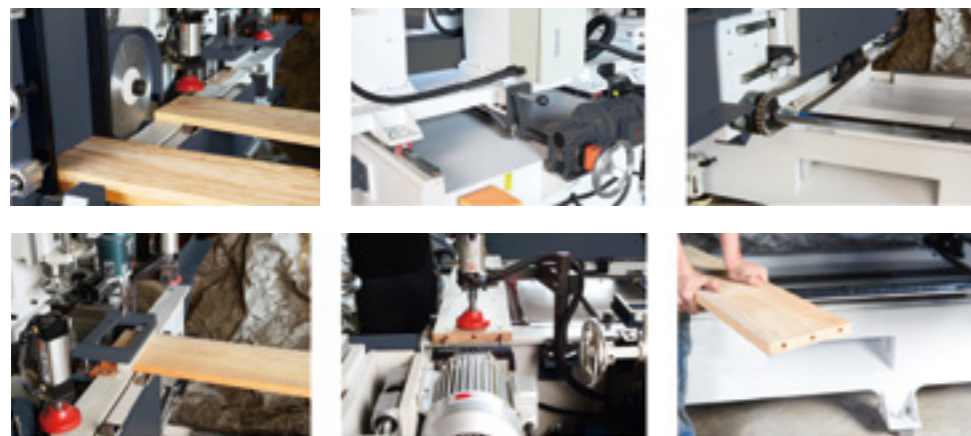
Delta servo drive motor



France Schneider electric components

## Automatic Double-end Cutting Horizontal and Vertical Drilling Machine (Pneumatic Type)

RFX-86



### TECHNICAL PARAMETERS

Cutting off motor	2.2kw*2	Processing thickness	15-50mm
Drilling motor	1.5kw*4	Process speed	10pcs/min
Processing length	320-2100mm	Mechanical dimension	3900*2100*1650mm
Processing width	50-200mm	Weight	1500kg

## Automatic Double-end Horizontal and Vertical Drilling Machine

RWK9312A



## Automatic Double-end Horizontal and Vertical Drilling Machine

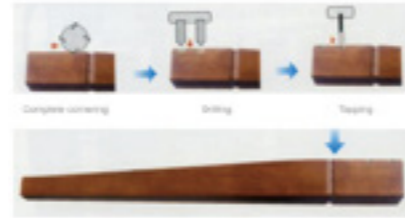
RWK9312B



### TECHNICAL PARAMETERS

	RWK9312-B	RWK9312-A
Model	RWK9312-B	RWK9312-A
Length of workpiece	200-2100mm	200-2100mm
Rated power of motor	1.5kw*4	1.5kw*2
Rotating speed of main shaft	2820r/min	2820r/min
Lifting router	100mm	100mm
Max. depth of drilling	80mm	80mm

## Automatic Chamfer Drilling and Tapping Machine RZB-OI



Smart touch screen



Chamfer function



Precise control of electrical components



Taiwan Airtac pneumatic elements



Frequency adjust device



Automatic tapping system



Drilling tools



Automatic filling nut mechanism

Model	RZB-OI
Shaft diameter	30mm
Tool diameter	110mm
Tool height	50mm

Installation power	1.1kw*2+1.5kw
Machine weight	260kg
Dimension	1400*1100*1300mm
Working pressure	0.6Mpa

## Horizontal Adjustable Drilling Machine RMZ6413



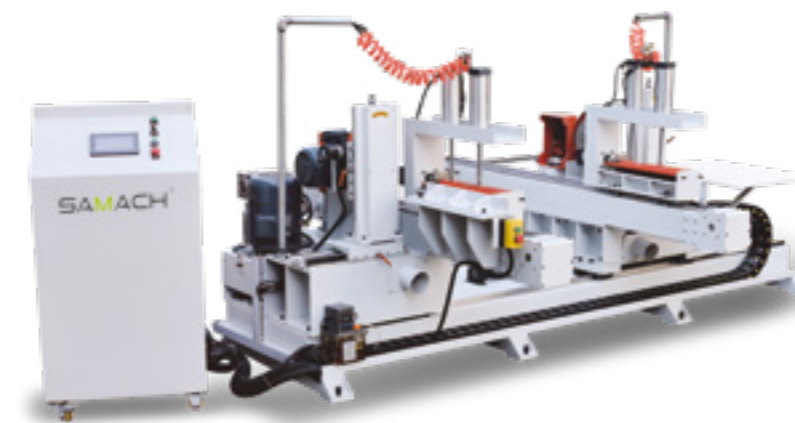
Max. drilling head stroke	70mm
Spindle quantity	3
Adjustable drilling distance	20-112mm
Install power	1.1kw
Max. depth of drilling	80mm

## Automatic H&V Adjustable Drilling Machine RMZ9216B



Spindle quantity	6
Max. vertical drilling head stroke	70mm
Adjustable drilling distance	20-112mm
Rotation speed of main spindle	2825rpm
Install power	1.1kw*2

## Automatic Double-end Saw with Vertical Shaft Milling RJX243C



Min. processing size	400mm
Max. processing size	1800mm
Pressing height	200mm
Maximum feed width	500mm
Spindle diameter	35mm
Total weight	2100kg
Total power	24.7kw
Dimension	3615*2420*1420mm



## 45° Double-end Saw Drilling Machine RJZ1023

Max. blade dia.	450mm
Spindle dia.	25.4mm
Spindle speed	2825r/min
Max. drilling dia.	16mm
Revolving angle	± 45°
Max. drilling depth	70mm
Install power	8.2kw



## Multi-directional Multi-spindle Drilling Machine RZD8419

Max. distance between two holes	1350mm
Max. distance between two holes	20mm
Install power	1.1 kw*3
Power of gas station	1.5kw



## Horizontal Multi-spindle Group Drilling Machine RMZ94115

Max. drilling dia.	16mm
Spindle quantity	5
Max. drilling depth	70mm
Rotation speed of main spindle	2880rpm
Install power	1.1kw*5



## Automatic Feeding Double-end H&V Drilling Machine RMZ9312

Max. stroke of vertical spindle	70mm
Max. stroke of horizontal spindle	70mm
Max. drilling dia.	16mm
Spindle quantity	12
Min. drilling depth	260mm
Install power	1.1kw*4



## Multi Heads Hinge Drilling Machine RMZ4214

Max. drilling dia.	35mm
Number of spindles	12
Max. drilling depth	70mm
Rotation speed of main spindle	2825r/min
Min. distance between two vertical spindles	180mm
Install power	1.1kw*4



## Multi Heads Hinge Drilling Machine RMZ4212

Max. drilling dia.	35mm
Number of spindles	6
Max. drilling depth	70mm
Rotation speed of main spindle	2825r/min
Min. distance between two vertical spindles	180mm
Install power	1.1kw*2

## Horizontal Drilling and Milling Machine RZX5114B

Max. drilling depth	100mm
Max. milling length	100mm
Min. drilling center distance	55mm
Install power	3.75kw
Max. milling width	3-16mm
Rotation speed of main spindle	6000rpm



## CNC Router Machine RD2512-8/1618-6



### TECHNICAL PARAMETERS

Model		RD2512-8	RD1618-6
Stroke	X, Y, Z working area	---	1570*1800*200mm
	Max. processing dia.	φ250mm	---
	Max. processing length	1200mm	---
Machine precision	Processing precision	±0.1mm	±0.05mm
	Repeat positioning accuracy	±0.03mm	±0.02mm
Machine structure	Worktable	---	T-slot worktable
	X,Y,Z transmission	X,Y,Z axis:TBI ball screw	X,Y,Z axis:TBI ball screw
	Max. traverse speed	12m/min	15m/min
Speed	Max. cutting speed	7m/min	8m/min
	Spindle power	8 pcsx2.2kw water cooling spindles	6 pcsx1.5kw water cooling spindles
Spindle motor	Spindle speed	24000rpm	6000-24000rpm
	Overall size	2950x2300x1900mm	2100*2500*2000mm
Size	Net weight	1600kg	1800kg
	Diameter of cutter	---	φ3.175- φ16mm
Operation system	Ncstudio computer control system(Equipped with a computer)		
Software available	Artcam, Alphacam, Type 3, etc. CAD/CAM software compatible		
Operation Instruction	G-code, *.NC		

## Full-automatic CNC Lathe RCK2091



Model	RCK2091
Processing square stock	20-150mm
Max. length	200-1300mm
Max. spindle	1200-4000r/min
Hyd. spindle shaft speed	30-50kg/cm <sup>2</sup>
Air pressure	0.6-0.8Mpa
Incoming total power	12.8kw
Machine dimension	2800*1500*1560mm
Machine weight	About 2600kg

## Full-automatic Back-knife Lathe RMC2036

### TECHNICAL PARAMETERS

Model	RMC2036
Processing square stock	20-100mm
Max. length	200-1300mm
Max. spindle	1200-3000r/min
Hyd. spindle shaft speed	30-50kg/cm <sup>2</sup>
Incoming total power	9.7kw
Air pressure	0.6-0.8Mpa



## Single Cutter Semi-automatic CNC Lathe RCK2093



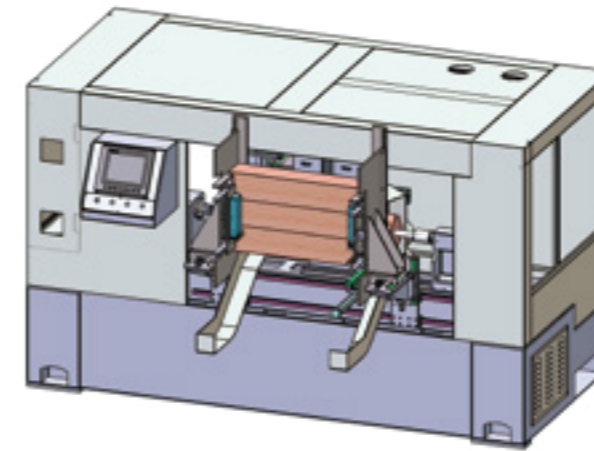
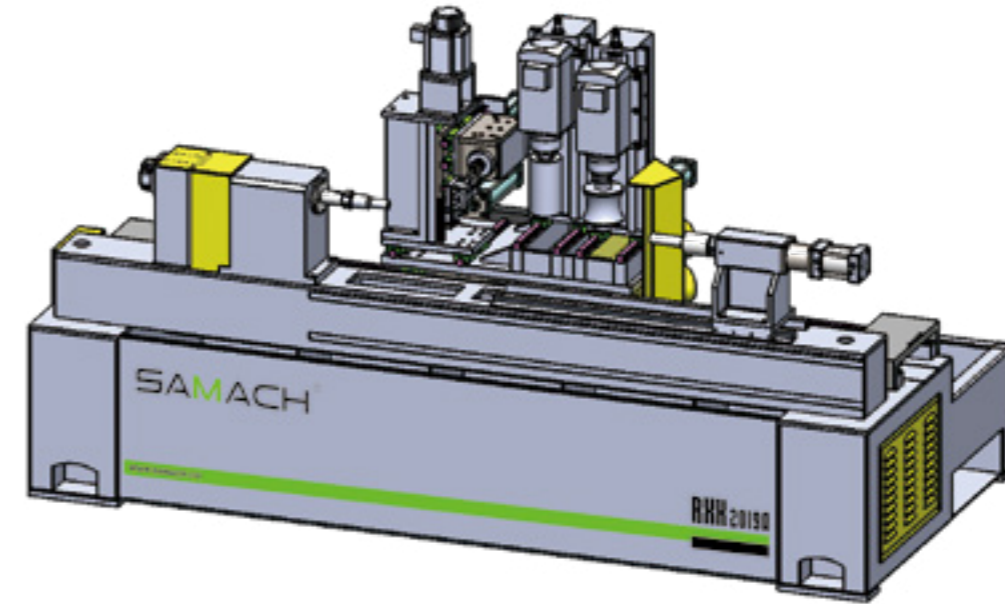
## Double Cutters Semi-automatic CNC Lathe RCK2094



### TECHNICAL PARAMETERS

Model	RCK2093	RCK2094
Processing square stock	20-120mm	20-120mm
Max. length	100-1300mm	100-1200mm
Max. spindle	1200-4000r/min	1200-4000r/min
Air pressure	0.6-0.8Mpa	0.6-0.8Mpa
Incoming total power	12.8kw	11kw
Machine dimension	2800*900*1700mm	2800*700*1650mm
Machine weight		About 2000kg

## Full/Semi-automatic Solid Wood Special-shaped Machining Center RXK2019A/B



### Features

Drilling, milling or slotting/ OD turning/ Flat cutter milling/  
Molding cutter milling  
Control system: Taiwan Yitu NC system

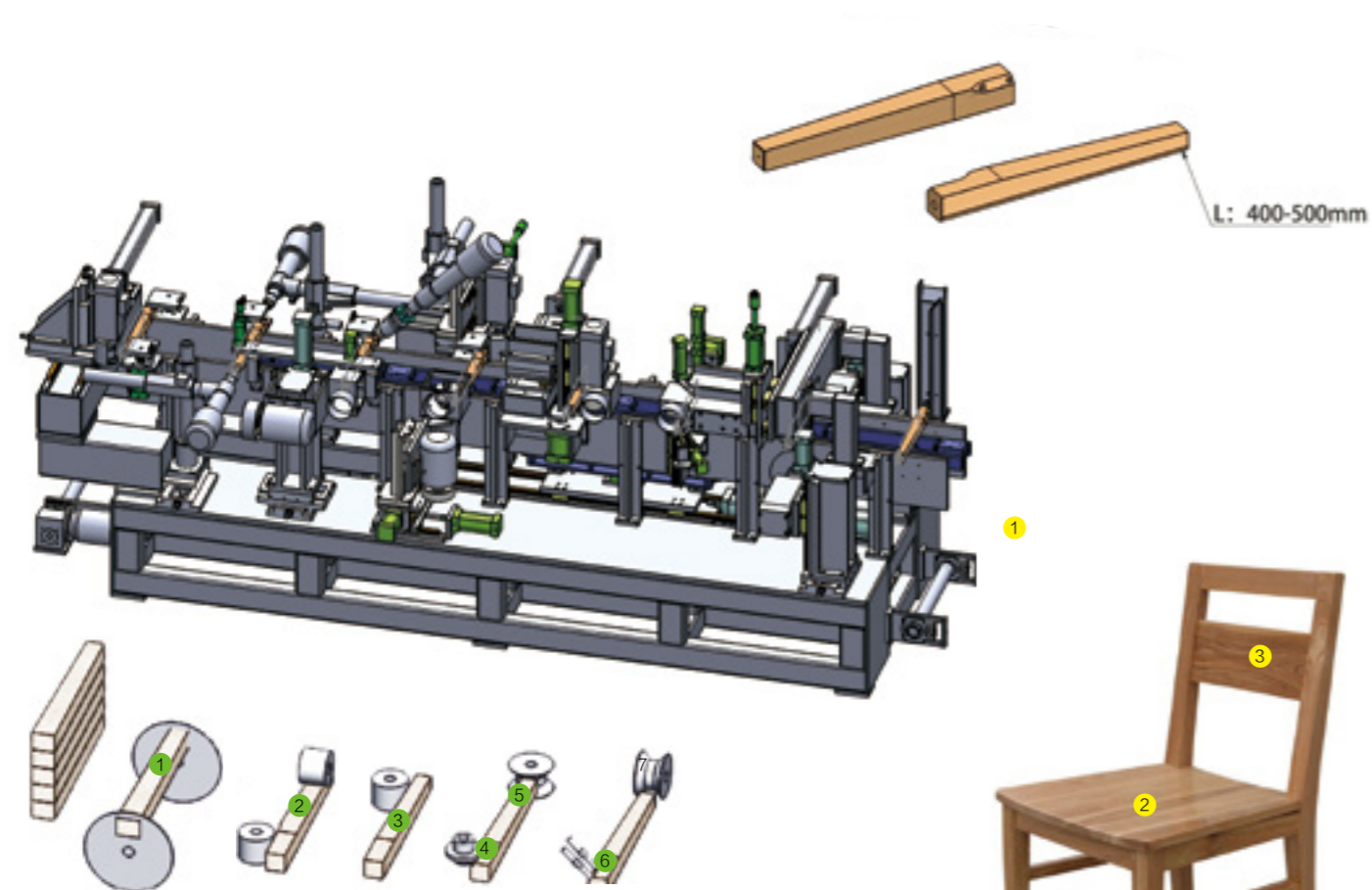
### Work steps

1. Computer program G code
2. Manual loading and pneumatic clamps
3. NC system controls automatic processing

### TECHNICAL PARAMETERS

Model	RXK2019A	RXK2019B
Working length	200-800mm	100-800mm
Working diameter	30-200mm	30-200mm
X-axis maximum stroke	120mm	120mm
Z-axis maximum stroke	1550mm	1550mm
Y-axis maximum stroke	170mm	170mm
C-axis	0-360° rotary positioning	0-360° rotary positioning
Spindle speed	2000r/min	2000r/min
Total motor power	29.2kw	29.2kw
Dimension	2600*1350*1670mm	2600*1350*1670mm

## Chair Front Leg Machine



Process speed: 4-6 pcs/min

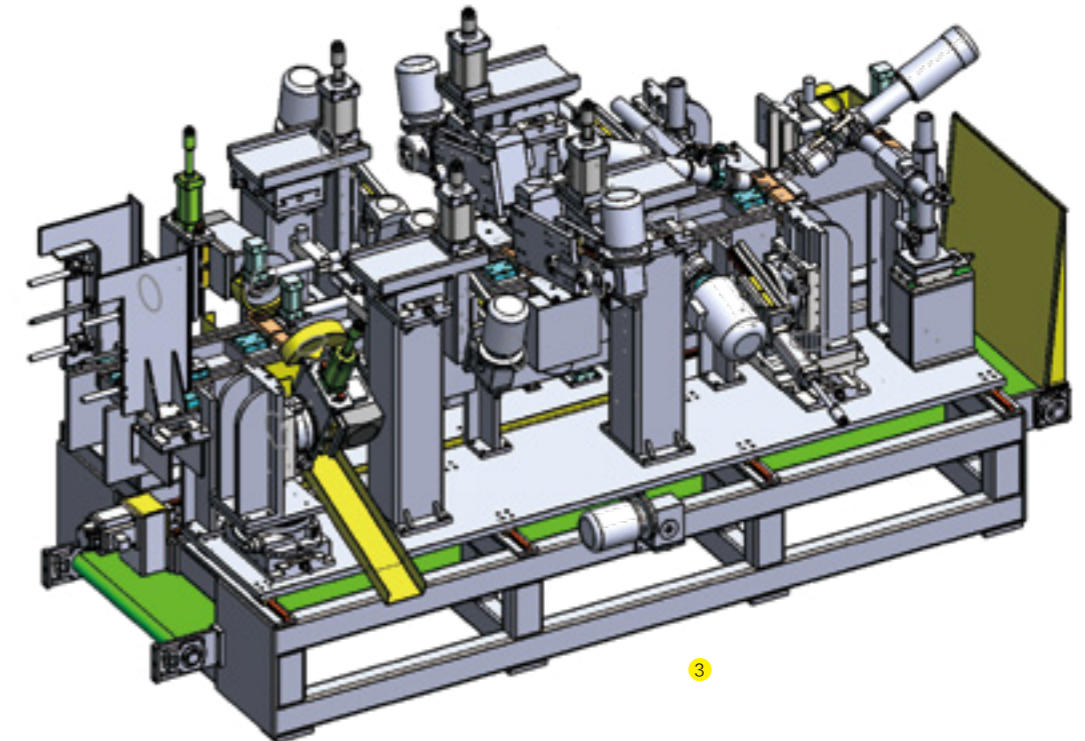
1. Cut the length at both ends -3kw motor
2. Left: milling straight edge; Right: milling upper bevel edge -3.7kw motor
3. Milling bevel edge
4. Left: milling arsis; Right: chamfer front and rear
5. Left: drilling on arsis; Right: chamfering up and down
6. Left: drilling on the end side; Right: drilling on the foot side
7. Rounded edge trim

## Bench Milling Machine RAD-708

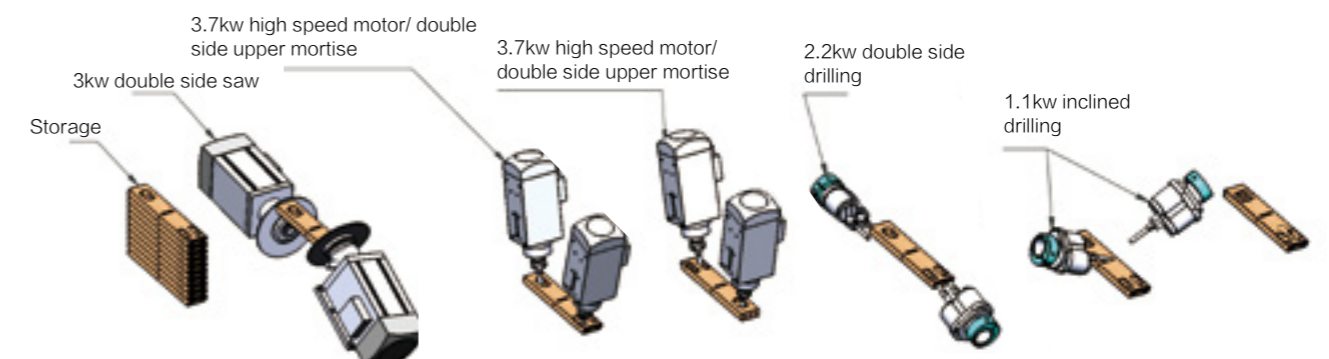
Model number	RAD-708
Motor power	10HP=7.5kw*1
Spindle speed	3000rpm
Cutterhead stroke	600mm
Packing size	93*52*69cm
N.W./G.W.	1200/1500kg



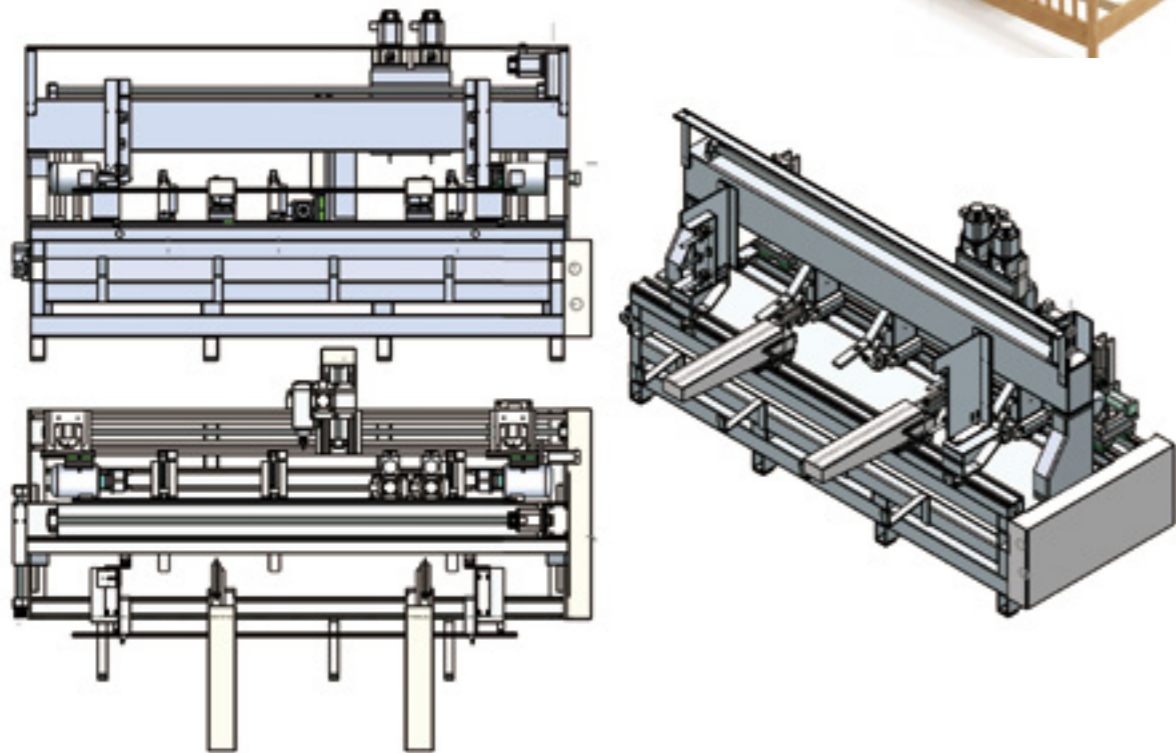
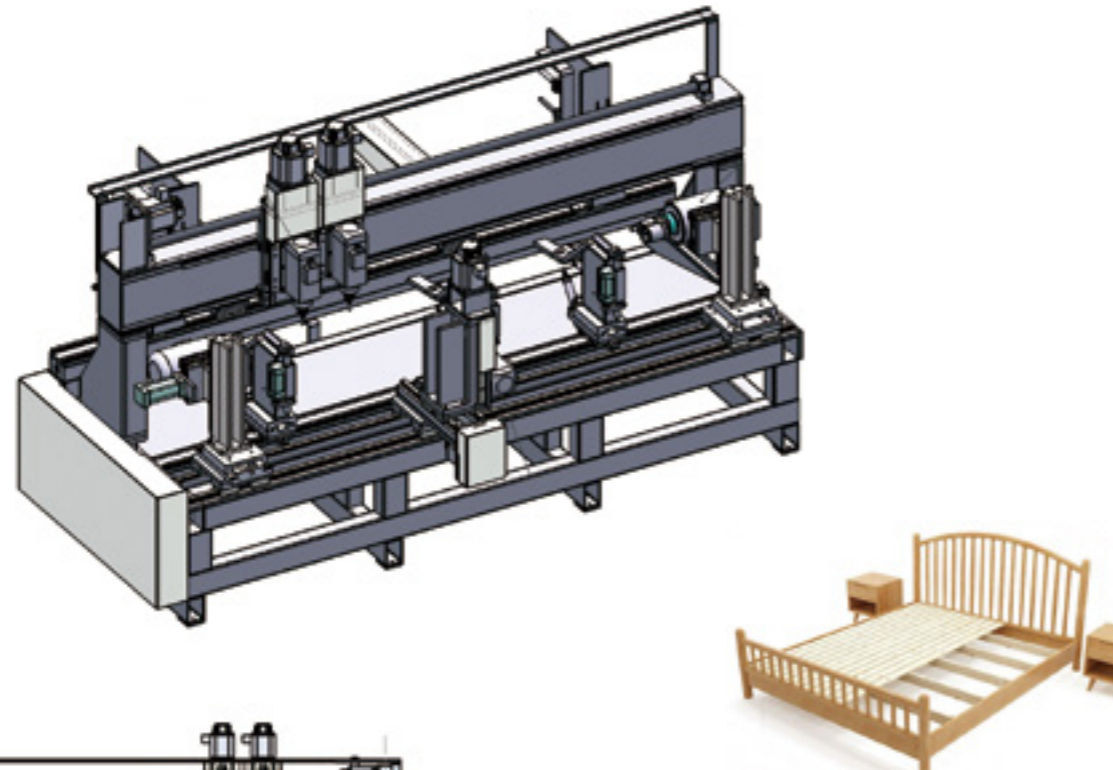
## Chair Side Panel Machining Center RMD2026



1. Loading: manually adjust the length and width of the boards, loading into the storage
2. Feeding: blocking cylinder lift, clamping, servo motor control feeding,
3. Pressing: cylinder pressing, clamps loosen, material blocks go down, feeding plate return to the start point
4. Processing: automatic feed at all machining stations, and return to the starting point after cutting is completed
5. Material return: the end of the processing, the second feeding boards will eject the last processed workpiece and fall into the conveyor back to original.



# Adults Bed Machining Center RMD2027



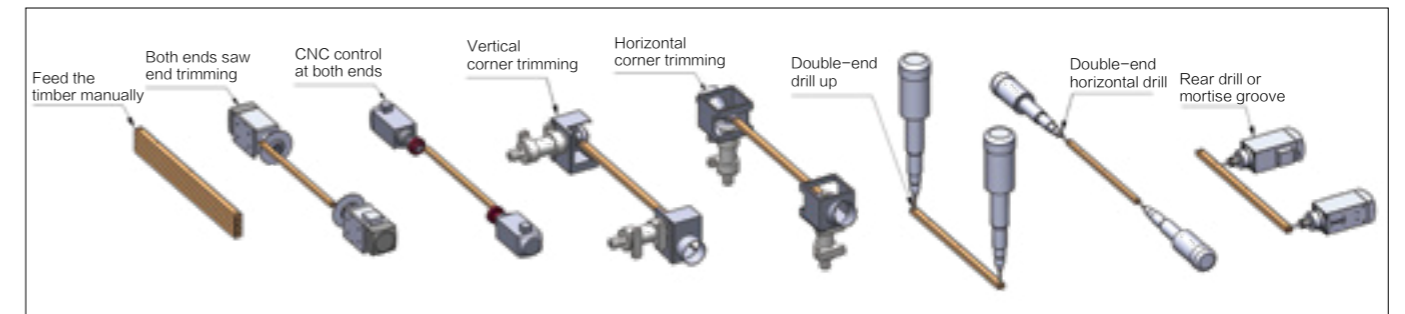
Working length: 300-1200mm  
 Working width: 30-120mm  
 Working thickness: 10-50mm  
 Total power: 27.1kw  
 Overall size: 3300\*2300\*1950mm

Control system: Taiwan Yitu A6-4 model  
 Servo motor: Yitu 130-07720-1.5kw\*5 sets + 3 sets  
 High speed motor: Changsheng 3.7kw-300Hz-12000 \*3 sets  
 Drilling motor: 2.2kw-2800r/min \*2 sets

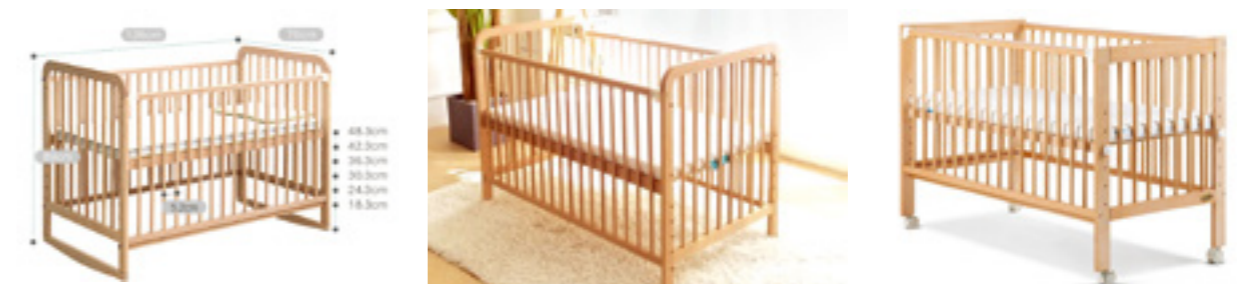
# Baby Bed Machining Center RMD2021



## Optional Unit



## Baby Bed Combined Machine



Control of manufacturing procedure is chosen according to furnitures' characteristic(One is PLC touch screen and another is NC control):

1. Loading: loading workpiece into storage hopper after adjusting length and width of it.
2. Feeding: cylinder of striker plate is lifting, pressing, feeding by cylinder.
3. Pressing: pressing by cylinder, loose pressing, falling of striker plate, feeding plate back to original position.
4. Processing: automatic cutting for all working table and cutters are back to original positions then.
5. Back: working finished, the second feeding push the first workpiece out and it fall on the conveyor belt.



## Special-shaped Sanding Line for Chair



Dining Chair Sanding Production Line Parameters:



### Double Side Brush Sander-MSQ290

Spindle power	1.5kw 2pcs
Infeed motor power	0.18kw 4pcs
Infeed speed	6-15m/min
Min. working length	300mm
Max. working width	80mm
Max. working height	80mm
Infeed wheel diameter	100mm/Taiwan Meina
Sanding rubber wheel	φ 100*150/Hardness 50# Taiwan Meina
Pneumatic components	
VFD	SHILIN
Spindle bearing	NSK
Buttons contactors	LG、APT famous brand
Sanding belt length	1000*150mm
Connection type	Butt joint
Dust collect pipe diameter	100mm 2pcs

### Double Side Brush Sander-MSQ336

Spindle power	3kw 2pcs
Infeed motor power	0.18kw 4pcs/Tianyang motor, Hengxing reduction gears
Infeed speed	6-15m/min
Min. working length	380mm
Max. working width	80mm
Max. working height	80mm
Infeed wheel diameter	100mm/Taiwan Meina
Pneumatic components	Taiwan Airtac
VFD	SHILIN
Spindle bearing	NSK
Buttons contactors	LG、APT famous brand
Sanding belt length	1520*150mm
Connection type	Butt joint
Dust collect pipe diameter	100mm 2pcs



### Curved Surface Chamfering Machine-MSQ370

Spindle power	3kw 1pcs
Infeed motor power	0.18kw
Infeed speed	6-15m/min
Min. working length	370mm
Max. working width	80mm
Max. working height	80mm
Infeed wheel diameter	100mm
VFD	SHILIN
Buttons contactors	LG、APT famous brand
Sanding belt length	1240X65mm/single side with corrugated edge
Connection type	Butt joint
Dust collect pipe diameter	100mm 1pcs



### Double Vertical Polishing Sander-MSP330Z

Spindle power	1.5kw 2pcs
Infeed motor power	0.18kw 4pcs
Infeed speed	6-15m/min
Min. working length	330mm
Max. working width	80mm
Max. working height	80mm
Infeed wheel diameter	200mm
VFD	SHILIN
Spindle bearing	NSK
Buttons contactors	LG、APT brand
Dust collect pipe diameter	100mm 2pcs



### Double Flat Surface Polishing Sander-MSP330L

Spindle power	1.5kw 2pcs
Infeed motor power	0.18kw 4pcs
Infeed speed	6-15m/min
Min. working length	330mm
Max. working width	80mm
Max. working height	80mm
Infeed wheel diameter	200mm
VFD	SHILIN
Spindle bearing	NSK
Buttons contactors	LG、APT brand
Dust collect pipe diameter	100mm 2pcs



### Conveying Rack-SSJ700

Infeed motor power	0.25kw 1pcs
Infeed speed	6-15m/min
VFD	SHILIN
Buttons contactors	LG、APT brand

## CNC Tenon Machine R200-CNC



### TECHNICAL PARAMETERS

Max. size of mortise and tenon	140*80mm
Max. horizontal tenoning width	430mm/140mm
Max. tenoning width of round tenon	80mm
Max. dia. of round tenon	80mm
Spindle rotate speed	9000rpm
Installation power	5.5kw
Packing Dimension(L*W*H)	1780*1200*1425mm
Gross weight	1450kg



## Horizontal Double-end Mortising Machine RMS3112

Worktable lifting stroke	±60mm
Max. working width	120mm
Max. working depth	65mm
Table tilting degree	±20°
Spindle speed	11000rpm
Install power	2.2kw
Dimension	1600*1200*1200mm



## Vertical Single Spindle Router RMX5117B

Working table size	1130X670mm
Max. working thickness	120mm
Spindle dia.	35mm
Spindle speed	8000/10000r/min
Install power	4kw/5.5kw/7.5kw
Weight	320kg
Dimension	1600*1200*1200mm



## Vertical Single Spindle Router with Sliding Table RMX5116T

Working table size	1250*690mm
Max. working thickness	120mm
Spindle dia.	35mm
Spindle speed	10000r/min
Install power	4kw/5.5kw
Max. stroke of sliding table	870mm
Weight	385kg
Dimension	1250*690*1180mm



## Vertical Double Spindles Router RMX5317

Working table size	1575*690mm
Max. working thickness	120mm
Spindle dia.	35mm
Install power	4kw*2/5.5kw
Weight	530kg
Dimension	1575*690*880mm



## Heavy Duty Vertical Double Spindles Router RMX53110

Working table size	1800*960mm
Max. working thickness	120mm
Spindle dia.	35mm
Install power	4kw/5.5kw/7.5kw*2
Spindle speed	10000r/min
Weight	830kg



## Router and Milling Machine RMX5068

Working table size	805*600mm
Working table lift stroke	180mm
Max. workpiece thickness	150mm
Distance between spindle and machine body	730mm
Max. spindle stroke	65mm
Cutter handle dia.	12.7mm
Spindle speed	18000r/min
Install power	3kw



## Vertical Single Spindle Router and Milling Machine RMX5115A

Working table size	640*580mm
Working table lift stroke	100mm
Table tilting degree	45°
Max. working thickness	50mm
Tool holder dia.	12.7mm
Install power	2.2/3kw
Spindle speed	16000/18000rpm
Weight	170kg



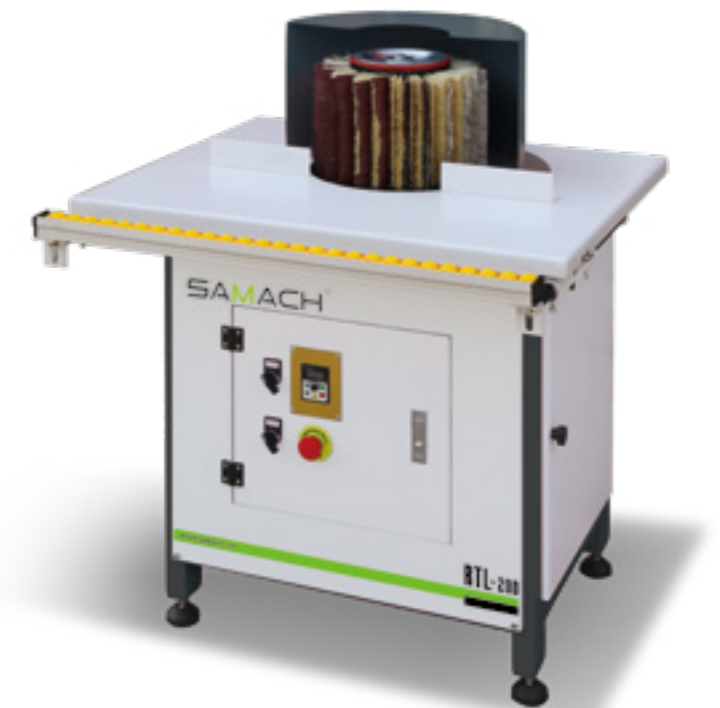
## Manual Polishing Machine RTW-60A

Model	RTW-60A
Motor	1.5kw-4
Size	1220*750*880mm
Weight	145kg
Sanding brush diameter	300mm
Sanding brush length	300/300mm
Sanding brush rotation speed	Frequency control



## Manual Polishing Machine RTL-20D

Model	RTL-20DX
Motor	0.75kw-6
Size	860*750*1100mm
Weight	140kg
Sanding brush height	200mm
Sanding brush rotation speed	Frequency control
Sanding brush lifting	Electric channeling move



## One Direction Bending Wood Pressing Machine

RFY60T/80T/120T/150T



HF wood bending machine can be used for bending all kinds of plywood, MDF, HDF boards, such as office chair, desk, sofa arm, bed slats, panel furniture, bed heads, cabinet door face, musical instruments as well as other plywood elements.

- 1.High frequency dielectric heating fast & uniform, curing glue in 2 to 3 minutes;
- 2.Wooden molds saving costs, less heat loss, easy operation and changing;
- 3.After bending, stable shape and keep shape;
- 4.2 sets of presses shift to work. While one is working, the other one is ready to loading. High efficiency;
- 5.Environmental friendly, no pollution;

Model	RFY60T	RFY80T	RFY120T	RFY150T
HF frequency	6.78-27.12MHz	6.78-27.12MHz	6.78-27.12MHz	6.78-27.12MHz
HF power	10-50kw			
Worktable	1200*600mm	1500*800mm	2000*1000mm	2500*1250mm
Pressure	60T	80T	120T	150T
Output type	1 HF generator 2 presses, shift to work	1 HF generator 2 presses, shift to work	1 HF generator 2 presses, shift to work	1 HF generator 2 presses, shift to work

## Three Direction Pressing Machine

RFY80-20T\*2/100-50T\*2/120-50T\*2



Model	RFY80-20T*2	RFY100-50T*2	RFY120-50T*2
HF frequency	6.78MHz-27.12MHz		
HF power	10kw-50kw		
Worktable	1500*800mm	2000*1000mm	2500*1250mm
Vertical pressure	80T	100T	120T
Horizontal pressure	20T*2	50T*2	50T*2
Output type	1 HF generator 2 presses, shift to work	1 HF generator 2 presses, shift to work	1 HF generator 2 presses, shift to work
Protections	Filament 2 grades warming up, over current, air pressure, over heating, door switch protections	Filament 2 grades warming up, over current, air pressure, over heating, door switch protections	Filament 2 grades warming up, over current, air pressure, over heating, door switch protections

# DOORS/FLOOR PROCESSING MACHINE

CNC Machining Center for Wooden Door  
RXZ5425

CNC Four-spindle Oblique Tenon Machine  
RSK2925

CNC Cabinet Door Core Board Special Machine

Automatic Drill and Straight Tenon Machine  
RFX-8-36

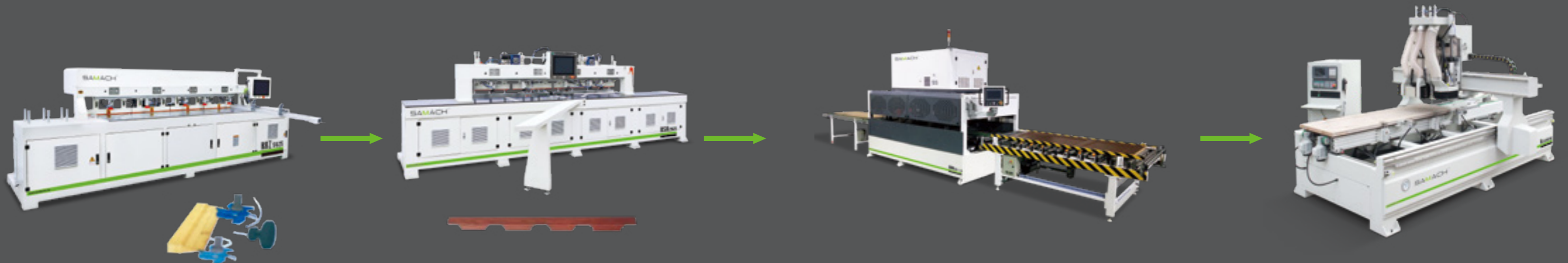
High Frequency Precision Frame Machine  
RFY1808/2808

High Frequency Wooden Door  
Frame Combination Machine RMH2511-L-10

High Frequency Bevel Frame Combination Machine  
RMH01-35A/01-35B/01-40A

Full Automatic Door Machining Center  
R1325CNC

Door Frame Line Edge Banding Machine  
RKY1027/1027-PUR



# CNC Machining Center for Wooden Door

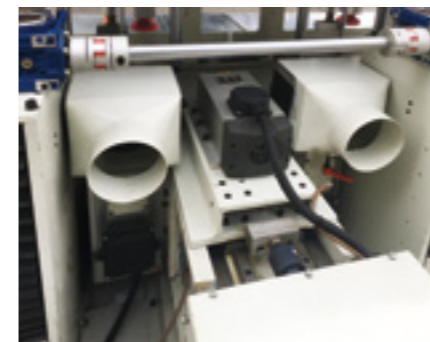
## RXZ5425



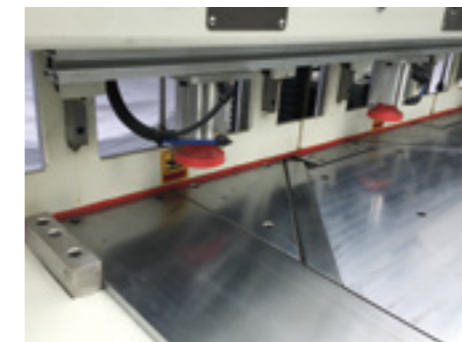
Max. processing length	2500mm	Max. processing speed	15m/min
Max. processing thickness	70mm	Precision	≤ 0.1mm
Max. milling depth	100mm	Vacuum port diameter	120mm
Max. drilling depth	60mm	Dimension	4400*1600*1800mm
Milling edge motor power	11kw*2	Total power	29.5kw
Drilling motor power	3.7kw	X-axis servo power	1.5kw move left and right
Milling edge motor speed	9000rpm	Y-axis servo power	0.75kw move back and forth
Drilling motor speed	18000rpm	Z-axis servo power	0.75kw move up and down
Milling spindle outer diameter	Ø35*100mm	U-axis servo power	0.75kw move back and forth against the board
Max. drilling outer diameter	16mm		



Two high-speed side milling motor spindle, each spindle is equipped with two opposite turning cutters. A high-speed motor spindle for slot milling and drilling



Dust collect for milling cutters



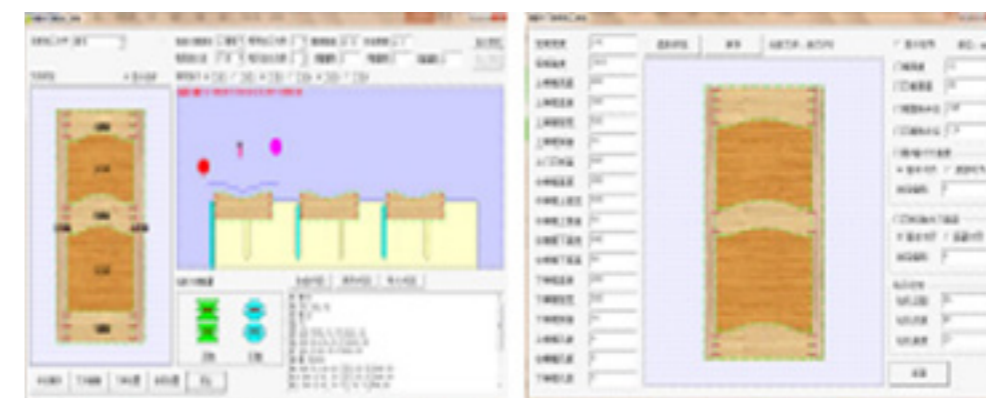
Multi working station



Side-off device



Triplet for oil and air supply



Operate screen

# CNC Four-spindle Oblique Tenon Machine

## RSK2925



### Processing material

Suitable for PVC covered lines, mahogany, solid wood, solid wood veneer, bamboo and other materials

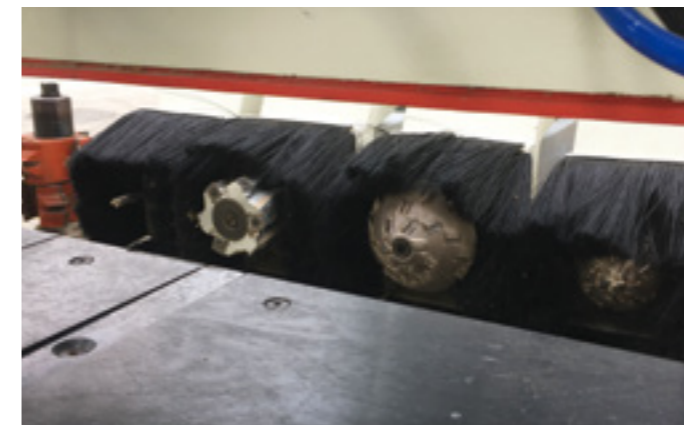
### Processed product

Suitable for splicing products such as door frames, photo frames, wardrobes, cabinets, mahogany furniture, etc.

Model	4 spindles	5 spindles	Small cutter outer diameter	3	3
Max. processing length	2400mm	2400mm	Maximum processing speed	15m/min	15m/min
Max. processing thickness	80mm	80mm	Precision	≤ 0.1mm	≤ 0.1mm
Max. processing depth	80mm	80mm	Vacuum port diameter	100	100
Max. drilling depth	40mm	40mm	Machine size(mm)	4700*1600*1800	4700*1600*1800
Mortise motor power	5.5kw	5.5kw	Total power	22.5kw	29.65kw
135° large cutter motor power	5.5kw	5.5kw	X-axis servo power	1.5kw	1.5kw
Slot cutter motor power	3.7kw	3.7kw	Y-axis servo power	0.75kw	0.75kw
135° small cutter motor power	3.7kw	3.7kw	Z-axis servo power	0.75kw	0.75kw
Mortise cutter outer diameter	Ø35*100mm	Ø35*100mm	U-axis servo power	0.75kw	0.75kw
Drilling knife outer diameter	16	16	Five-axis vertical shaft motor power	-	7.5kw
135° large cutter outer diameter	13	13	Five-axis vertical shaft spindle outer diameter	-	90mm



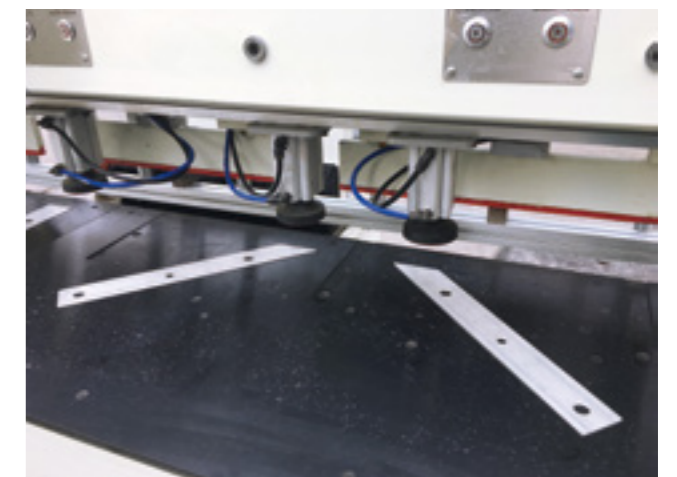
High speed spindles with high precision



Dust collect for the spindles to keep the working area clean

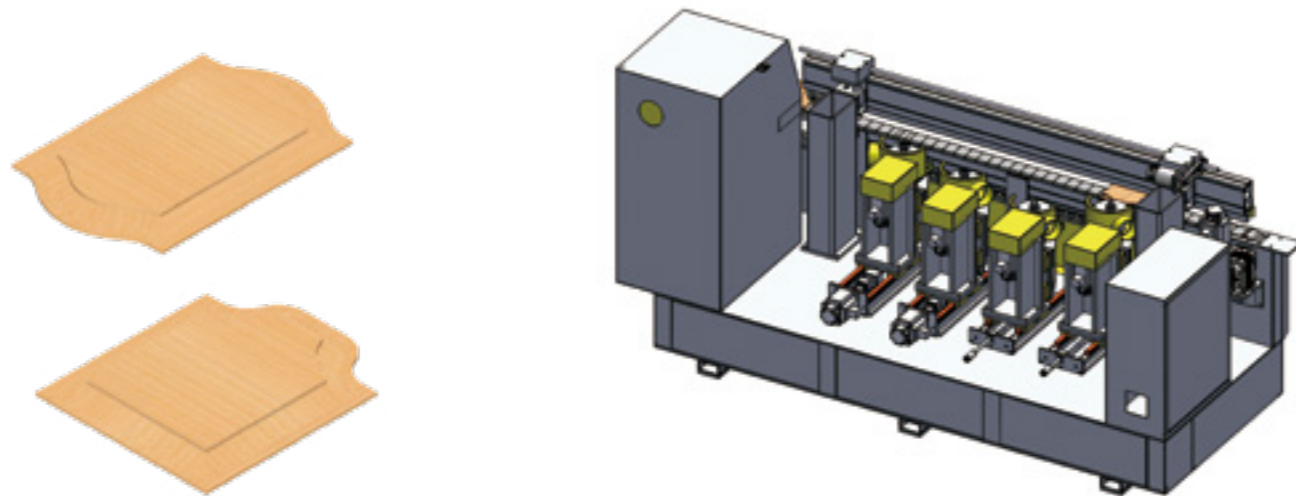
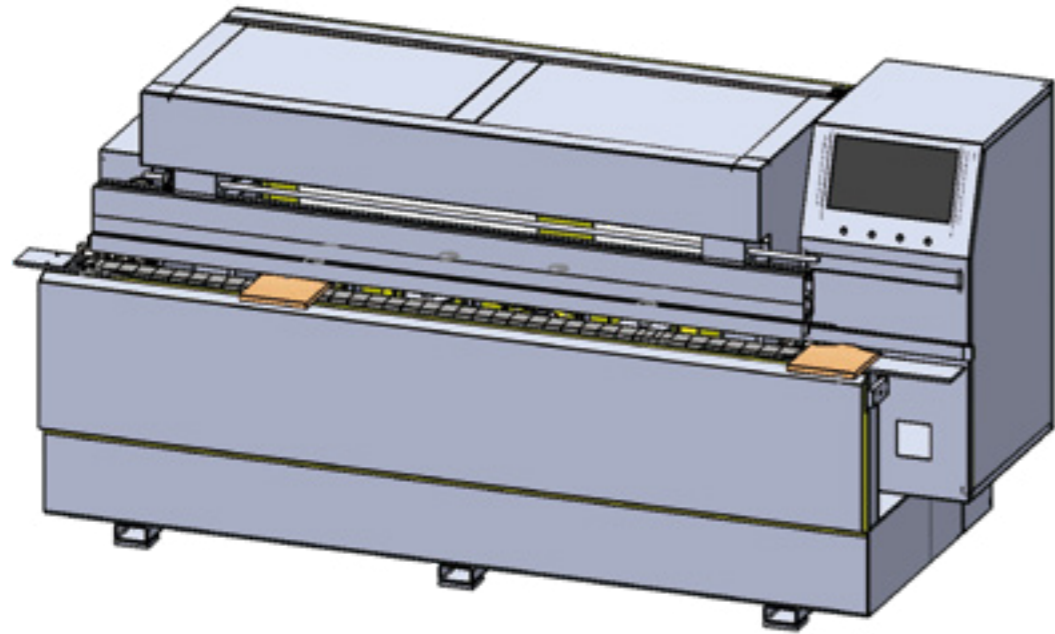


HMI interface, directly input the size in the graphic screen, the operation is simple and easy to learn, and can store 47 data.



Long material or several short boards can be processed.

## CNC Cabinet Door Core Board Special Machine



1. The machine is controlled by the Linux operating system, and the machining path is automatically generated by importing Auto CAD graphics
2. Equipped with servo and reducer control through conveyor belt, manually put the wood on the conveyor belt, when the infrared device detect the wood, the knife shaft motor automatically process the wood to meet the graphics requirements
3. The advance and retreat of the grinding wheel is controlled by an adjustable stroke cylinder.

Working length: 200-800mm  
 Working width: 100-400mm  
 Working thickness: 20-50mm  
 Total power: 40.3kw  
 Dimension: 3300 × 1250 × 1600mm

## Automatic Drill and Straight Tenon Machine

RFX-8-36



Drilling motor	1.5kw*2
Processing length	200-1000mm
Processing width	30-120mm
Other specification	8-10mm
Process speed	10pcs/min
Dimension	2600*2000*1700mm
Weighth	1050kg
HF motor	1.5kw*2



## Four Sides Milling Production Line



The four-sided milling production line series is commonly used for trimming, sizing, forming and finishing of large and medium-sized plate-shaped workpieces such as door frames, cabinet doors and large plates. It is efficient, accurate, economical, safe, and can be designed according to your needs

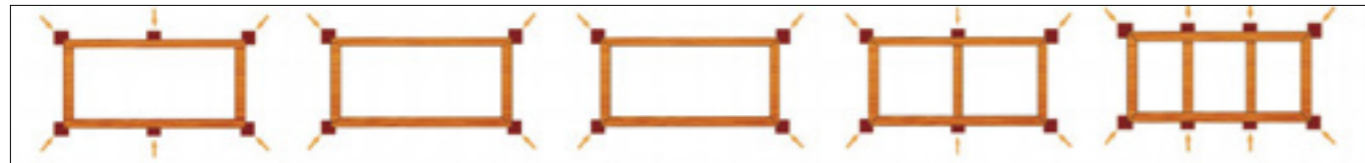
Taiwan linear guide	Ø25mm
Saw blade motor	5.5kw*2
Track feeding motor	2.2kw*2(Frequency)
Main motor	0.75kw*2 with turbine box
Maximum processing size	500-1300mm (low configuration)
Transfer station size	L2000*W1500*H800mm
Conveying motor	0.75kw*2





## High Frequency Precision Frame Machine ( four or six points connection )

RFY1808/2808



Model	RFY1808	RFY2808
Max. working size	1800*800mm	2800*800mm
Min. working size	180*180mm	180*180mm
Heating time	5-20s	5-20s
Drive mode	Servo motor	Servo motor
Press mode	Ball screw/Linear guide	Ball screw/Linear guide
Output power	5kw(3kw)	5kw(3kw)
Control system	PLC/HMI screen	PLC/HMI screen
Overall size	2800*1110*1612mm	3820*1470*1722mm
Weight	0.8T	1T



## High Frequency Wooden Door Frame Combination Machine

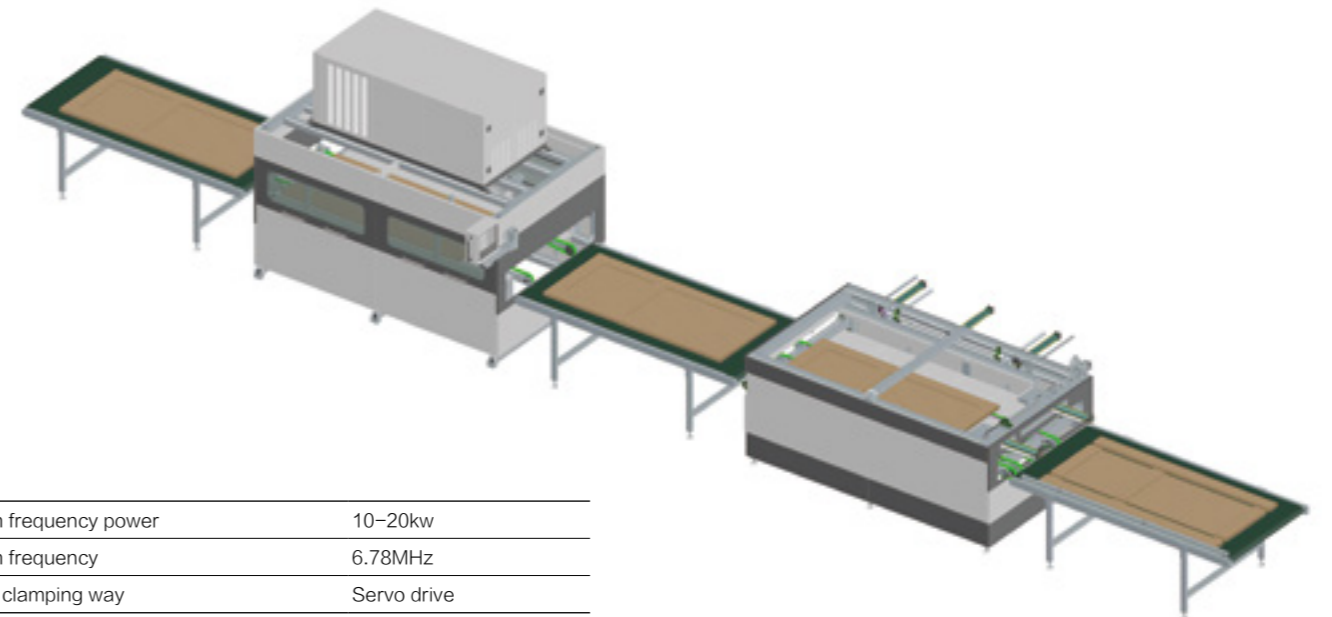
RMH2511-L-10



Model	RMH2511-L-10
High frequency power	10-20kw
High frequency	6.78MHz
The clamping way	Servo drive

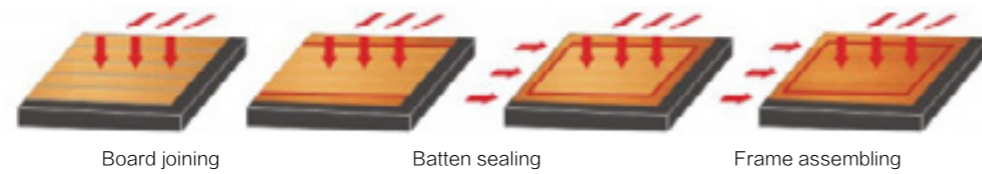


## High Frequency Wooden Door Frame Combination Line



High frequency power	10-20kw
High frequency	6.78MHz
The clamping way	Servo drive

## High Frequency Bevel Frame Combination Machine RMH01-35A/01-35B/01-40A



Model	RMH01-35A	RMH01-35B	RMH01-40A
HF power	20kw	20kw	30kw
HF frequency	6.78MHz-27.12MHz	6.78MHz-27.12MHz	6.78MHz-27.12MHz
Max. working size	2460*960mm	2460*1220mm	3050*1220mm
Vertical pressure	6T	6T	6T
Horizontal pressure	25T	25T	30T
Longitudinal pressure	4T	4T	4T
Equipment weight	5T	5.5T	6T

## Single Side/Double Sides Door Frame Machine RMH2324/2324-2



RMH2324

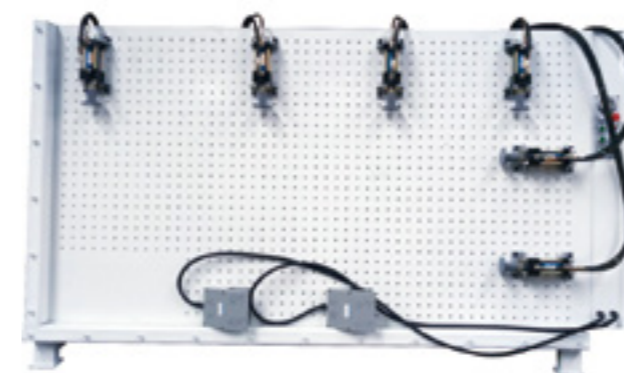


RMH2324-2

Model	RMH2324-2	RMH2324
Max. processing size	2400*1200mm	2400*1200mm
Cylinder specifications	Φ50*250*12pcs	Φ50*6pcs
Press cylinder	6pcs	-
Power	2.2kw	1.5kw

Dimension	4000*2300*2100mm	3100*1900*1200mm
Weight	2000kg	1200kg
Control system	PLC/HMI screen	PLC/HMI screen
Overall size	2800*1110*1612mm	3820*1470*1722mm
Weight	0.8T	1T

## Single Side/Double Sides Drill Door Frame Machine RMH2210/2212



RMH2210



RMH2212

Model	RMH2212	RMH2210
Max. processing size	2400*1300mm	2400*1200mm
Cylinder specifications	Φ50*50*12pcs	Φ50*50*6pcs
Press cylinder	6pcs	-
Power	2.2kw	2.2kw

Dimension	4000*2300*2100mm	3100*1300*1300mm
Weight	2300kg	1200kg
Control system	PLC/HMI screen	PLC/HMI screen
Overall size	2800*1110*1612mm	3820*1470*1722mm
Weight	0.8T	1T

# Full Automatic Door Machining Center R1325CNC



Drilling for lock



Drilling for hinges

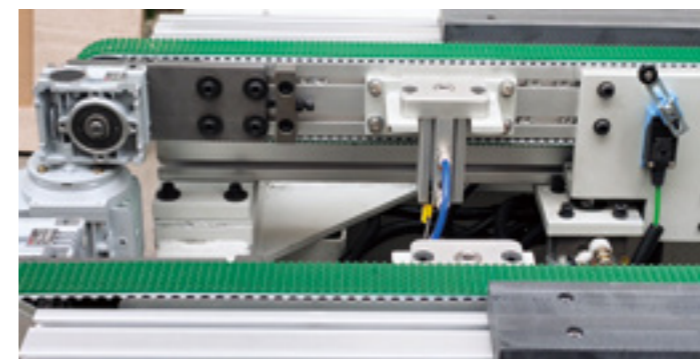


Surface carving

Model	R1325CNC	
Work stroke	X*Y*Z	1300*2500*180mm
Spindle motor	Spindle power	Domestic HQD9kw +6kw*2
	Rotation speed	18000r/min
Drive system	Drive motor	Japan Yaskawa 850W servo and driver
Inverter	Brand	Fulling 11kw
ROUST guide rail	X/Y/Z axis	X and Z axis: 25mm; Y axis: 30mm
	Y axis	2sets
Positioning cylinder	X axis	2 set
	X+Y Axis	6 pcs
Tool change device	8 tools automatic change(Row type)	
Cover	Small cover	
Operation instruction	G-code, *.NC	
Operation system	Syntec all in one control system 6MB-E, including display	



Full servo control mechanism, ball screw drive, precise size; absolute value servo can automatically return to zero position, quick response, high working efficiency.



Special side positioning mechanism, composite door can retain a certain size of trimming



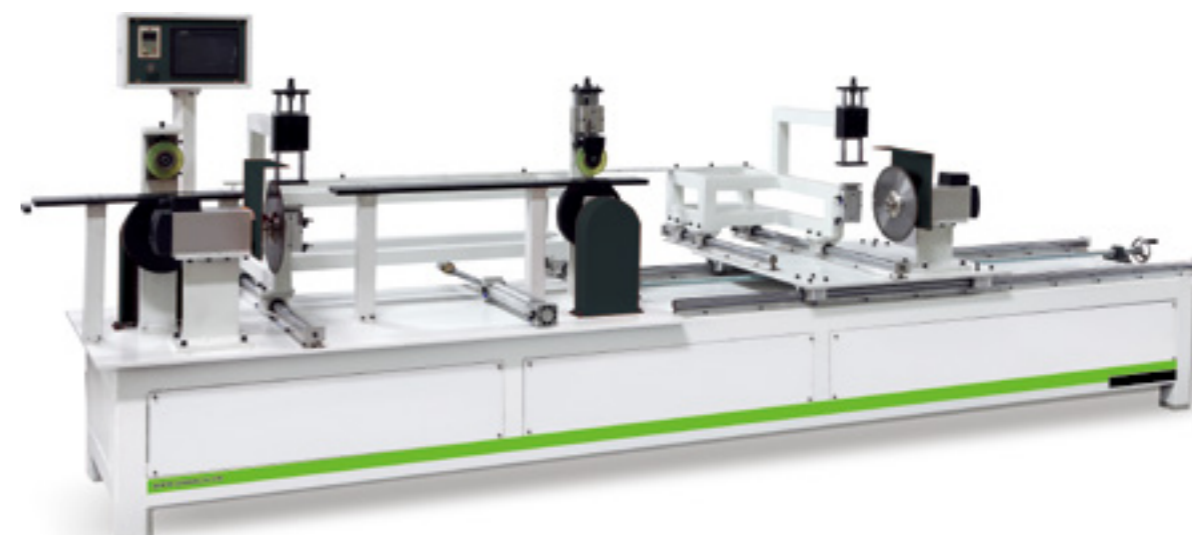
Complete positioning of the door, hollowing, keyhole, hinge, hanging hole and other processing in one positioning, avoiding positioning errors caused by multi-process processing and improving work efficiency

## Door Frame Line Edge Banding Machine RKY1027/1027-PUR



Model	RKY1027	RKY1027- PUR
Motherboard thickness	10-50mm	10-50mm
Card strip width	15-50mm	15-50mm
Card strip thickness	0.5-5mm	3-7mm
Feeding speed	0-15m/min	0-20m/min
Air pressure	0.8Mpa	0.8Map
Weight	800kg	1000kg
Total power	8.02kw	11KW
Size	2800*1000*1400mm	5000*1000*1400mm

## Door Frame Line Forming Machine RKY1032



Maximum working width	120mm
Maximum working thickness	50mm
Feeding speed	6-26m/min
Spindle speed	5700r/min
Motor power	15.25kw
Weight	1200kg
Size	L2200*W1700*H1500mm