

Panel Woodworking machines

Catalog 2025



Panel Woodworking machines

- Panel saw
- Cnc router
- Drilling machines
- Edge banding machines
- Dust collector

A photograph of an exhibition booth for SLABH and PERTICI. The booth is blue and white, with large screens displaying images of industrial machinery. The SLABH logo is visible on the top of the booth. The background of this section is a blurred image of the same exhibition booth.

About SLBAH

SLBAH industrial solutions is a well-known supplier of comprehensive industrial solutions, catering to the needs of manufacturers and factories in Saudi Arabia. We specialize in offering a wide range of machinery, tools, raw materials, power tools, automation and consultancy services to support the growth and success of businesses in the industrial sector.

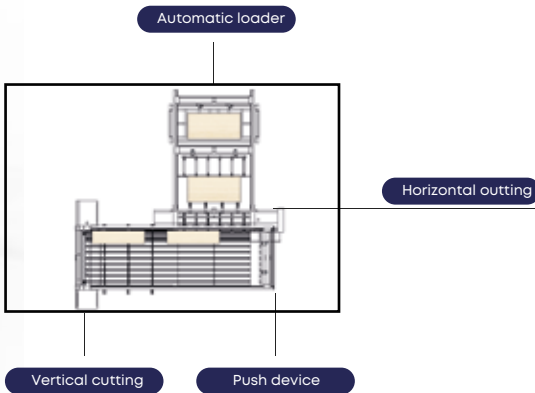
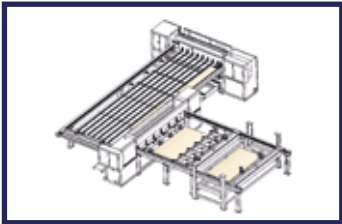


Panel Saw

- Angular Panel Saw
- Rear Loading CNC Panel Saw
- CNC Panel Saw
- CNC Sliding Panel Saw
- Sliding Table Saw

Angular Panel Saw

RVH320-160



Precise cutting

High precision: The machine body saw carrier is adopt German technology.



Gripper



Main and groove saw



Side press

Parameters

Model	RVH320-160		
Work width in horizontal	≤3800mm	Total power	55.5KW
Work length in vertical	≤1600mm	Main blade diameter	380-450
Work thickness	≤120MM	Main blade inner diameter	75mm (With positioning hole)
Main feed speed	≤80M/MIN	Groove saw diameter	200mm
Cutting speed	≤100M/MIN	Groove saw inner diameter	50mm
Main grippers power	1.3KW(High torque servo motor) *2pcs	Lifting table load bearing	3T
Rear push motor power	1.3KW(High torque servo motor)	Hydraulic motor	2.2KW
Saw carrier motor power	1.3KW(High torque servo motor) *2pcs	Size	8360x1250X2000
Main saw power	18.5KW (Aluminum alloy motor) *2pcs	Fan power	2.2KW*2pcs
Groove saw power	2.2KW (Aluminum alloy motor) *2pcs	Side pressure motor	0.4KW*2pcs

Rear Loading CNC Panel Saw

◆ RCJ-4500DBG



Double beams,twin grippers,rotation table

Independently working 2 sets of clamps of different functions and 2 pushers built within machine, cutting boards synchronously in different sizes increasing cutting capacity by 30%.



■ Rotation table



Description:

● Saw carrier controlled by servo motor

● Main saw and groove saw lift independently

● Optimization software and barcode printer

● Options:Side alignment



■ Twin grippers

— Cutting panels synchronously in different sizes —



Double pushers

— Rear push panel and front clamp panels at the same time, save time



Auto stopper

— Automatic positioning for panels —



■ Servo motor for beam



■ Photoelectric switch for positioning



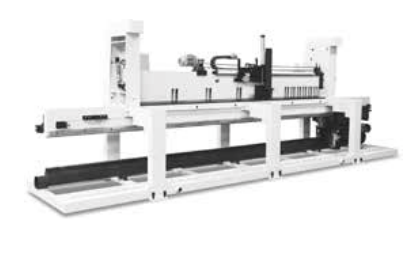
■ Barcode printer and optimization software



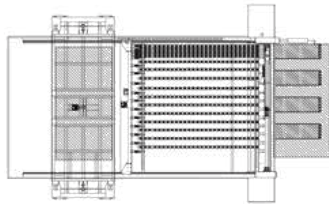
■ Saw carriage servo motor



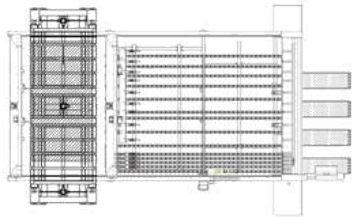
■ Side alignment



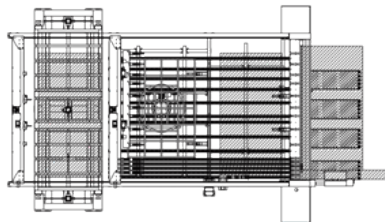
■ Heavy duty machine frame



Standard rear loading
RCJ4500E



Two grippers and
double pusher:RCJ4500DB



Twin grippers and double pushers
& rotation table:RCJ4500DBG

Parameters

Model	RCJ4500DB		
Work width	4500mm	High pressure blower motor	4kw+2.2kw
Work thickness	100mm	Gripper quantity	1 independent servo manipulator
Min panel size(W*L)	5*40mm		4 double claw manipulators
Main saw blade/ shaft diameter	Φ360-400mm/ Φ75mm	Total power	38.5kw
Groove saw blade/shaft diameter	Φ180mm/ Φ50mm	control panel size	19"
Dust extraction info	Φ100*4	Air pressure	0.6-0.8mpa
Max stack height	650mm	Main saw shaft speed	480rpm
Main saw motor	16.5kw	Lifting platform power	3kw
Groove saw motor	2.2kw	Work precision	±0.1mm
Saw base drive motor (servo)	2kw	Airfloat table size	2100*5400mm(4pcs)

CNC Panel Saw

◆ RCJ2800E/3300E



Highlights

Saw carriage automatically moved to fit based on the width of panel, reduces travel distance.
Both main saw and scoring saw with independent movements of up and down.

■ RCJ1500E



■ RCJ3800E/4200E/4500E



Grippers

High precision of positioning, all can be cut on the same straight line.



Side alignment

Better effect for small panels, servo control is options



Industrial control touch screen

Optimization software inside work with barcode printer

Options:

Side push



Side clamp



Parameters

Model	RJC1500E	RJC2800E	RJC3300E	RJC3800E	RJC4200E	RJC4500E
Work width	1500mm	2800mm	3300mm	3800mm	4200mm	4500mm
Work thickness	100mm	100mm	100mm	100mm	100mm	100mm
Min panel size(W*L)	5*40mm	5*40mm	5*40mm	5*40mm	5*40mm	5*40mm
Main saw blade/ shaft diameter	Φ360-400mm/ Φ75mm	Φ360-400mm/ Φ75mm	Φ360-400mm/ Φ75mm	Φ360-400mm/ Φ75mm	Φ360-400mm/ Φ75mm	Φ360-400mm/ Φ75mm
Groove saw blade/shaft diameter	Φ180mm/ Φ50mm	Φ180mm/ Φ50mm	Φ180mm/ Φ50mm	Φ180mm/ Φ50mm	Φ180mm/ Φ50mm	Φ180mm/ Φ50mm
Main saw motor	16.5kw	16.5kw	16.5kw	16.5kw	16.5kw	16.5kw
Groove saw motor	2.2kw	2.2kw	2.2kw	2.2kw	2.2kw	2.2kw
Saw base drive motor	1kw	1.8kw	1.8kw	1.8kw	1.8kw	1.8kw
Side alignment motor	/	0.55kw	0.55kw	0.55kw	0.55kw	0.55kw
High pressure blower motor	2.2kw	4kw	4kw	4kw+2.2kw	4kw+2.2kw	4kw+2.2kw
Gripper quantity	8	11	13	14	15	17
Airfloat table size	1750*540mm(2pcs)	1750*540mm(3pcs)	1750*540mm(3pcs)	1750*540mm(4pcs)	1750*540mm(4pcs)	1750*540mm(4pcs)
Dust extraction info	Φ100*4	Φ100*4	Φ100*4	Φ100*4	Φ100*4	Φ100*4

CNC Sliding Panel Saw

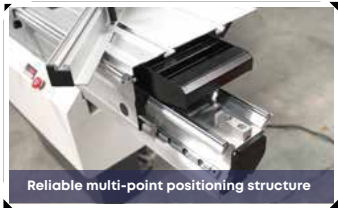
◆ RTJ-45CNC



15-inch industrial touch screen



Precision ball screw



Reliable multi-point positioning structure

Description:

- S** Sliding table move (3 servo)
- S** Saw lift(2 servo)
- S** Saw tilt(1 servo)
- O** Optimization cut



The main saw and groove saw are lifted by independent servo control electric cylinders. Both saw can be stopped in 5s.and rotation speed can be adjusted.



Multi degree adjust



Servo and timing belt

Parameters

Model	RTJ-45CNC
Sliding table length	3200mm
Sliding table width	435mm
Cutting length	3050mm
Cutting thickness	80mm
Main saw motor	5.5kw
Grooving saw motor	1.1kw
Main saw blade size	300*30*3.2*72T
Grooving saw blade size	120*20*2.8*24T
Working voltage	380V 3PH 50HZ
Main saw speed	4000/5000rpm
Grooving saw speed	9000rpm
Control panel size	15"
Total servo power	2.45kw
Machine total power	9.05kw
Machine net weight	1100kg
Machine installation size	3460*3760*1760mm
Package size	3480*1400*1520mm



CNC Machining Center

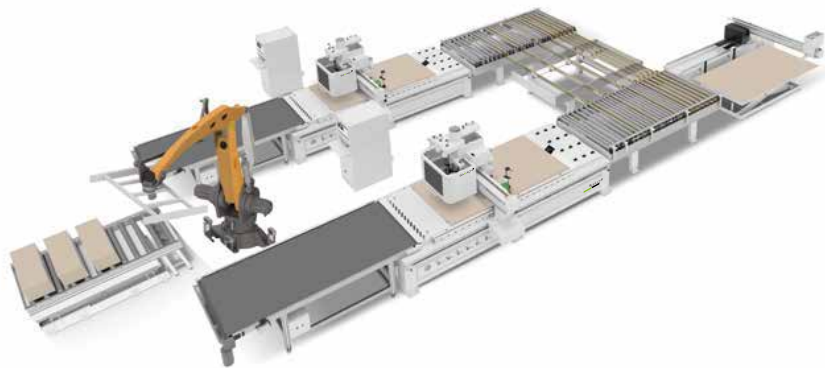
- CNC Router Line
- CNC Router
- CNC Five-axis Machining Center
- 5 Axis CNC Center

CNC Router Line

◆ RLS-L12



■ RLS-L12-R



Intelligent nesting workstation :

It integrates an advanced automatic labeling machine, a four-axis robot or one turnover device, a central control system and two high-precision CNC cutting equipment to form an efficient and collaborative intelligent cutting workstation



CNC Router Line

◆ RKS-K8+9V



| Automatic label printer



The router machine can be replaced by one spindle, two spindles, four spindles, round ATC, linear ATC. Drill head, saw blade, barcode printer & sticking are options

■ RTS-12L



| Load lift table



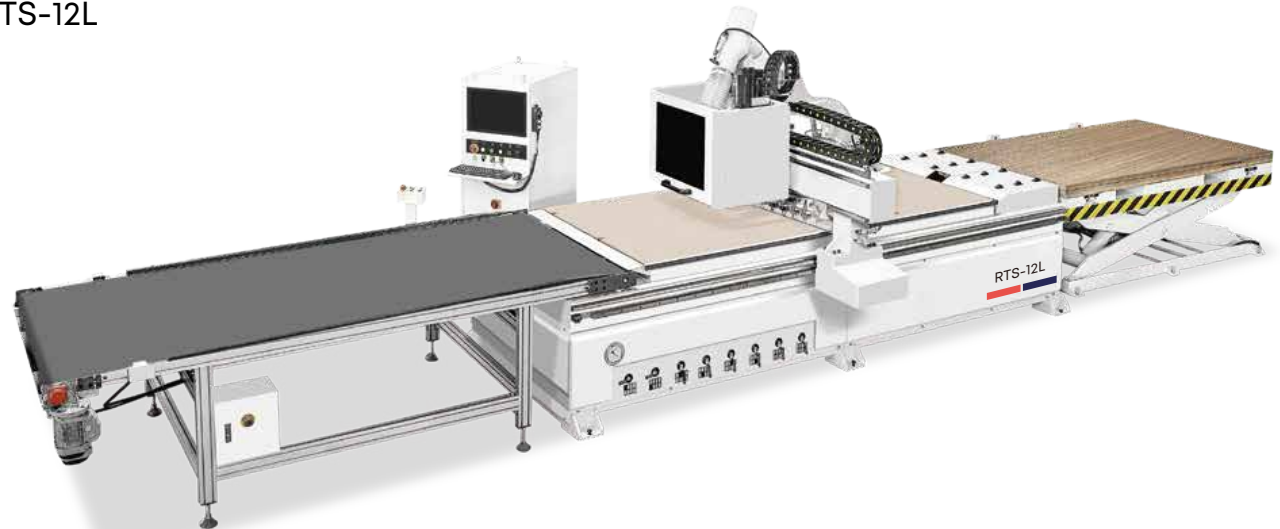
| Belt output conveyor



| Pusher



| Vacuum load



CNC Router Line

◆ RKS-K8+9V



| Automatic label printer



The router machine can be replaced by one spindle, two spindles, four spindles, round ATC, linear ATC, Drill head, saw blade, barcode printer & sticking are options

■ RTS-12L



| Load lift table



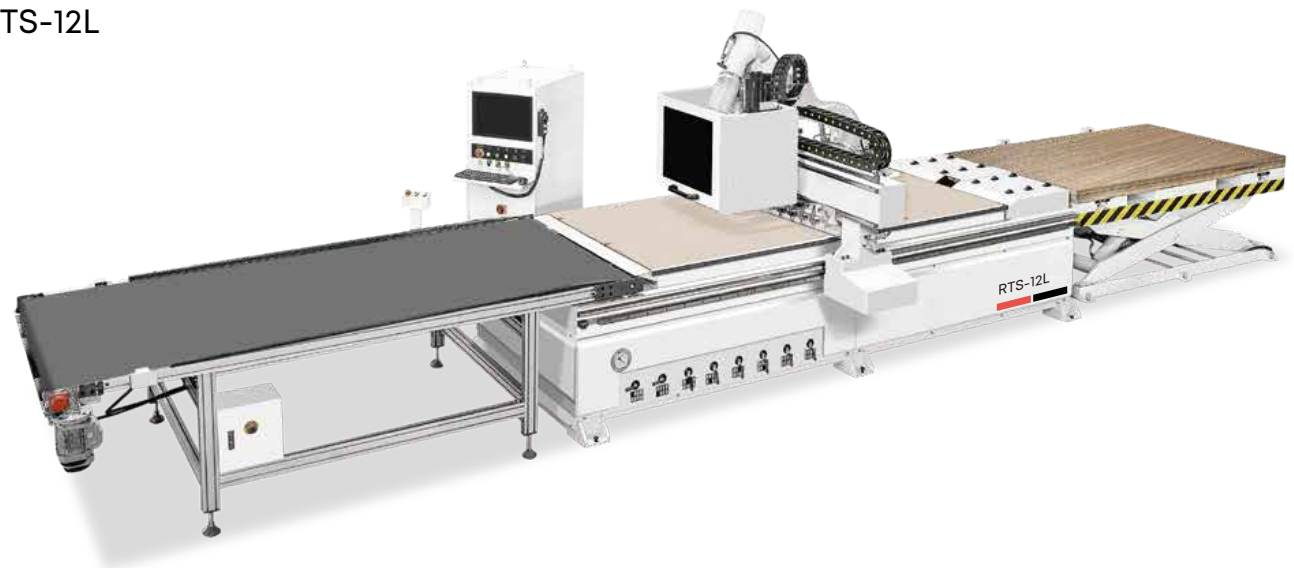
| Belt output conveyor



| Pusher



| Vacuum load



CNC Router

◆ RTS-1S



■ RTS-4S

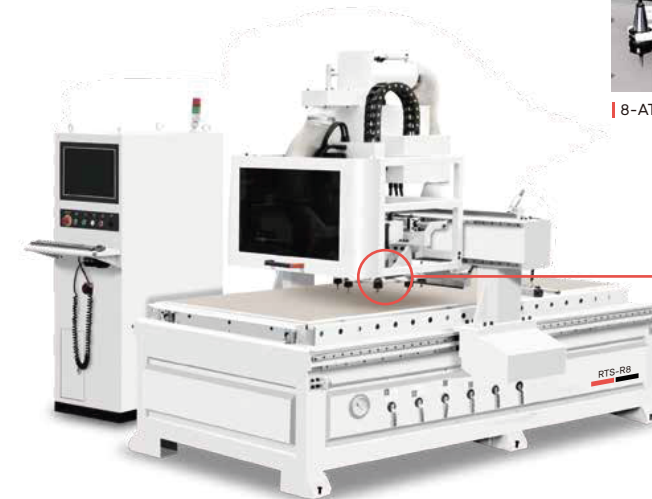


■ RTS-L12



12-ATC-in-one-row

■ RTS-R8



8-ATC-disc-type



Specification



■ HQD spindle



■ Positioning cylinder



■ NCStudio servo motor



■ NCStudio Computer control



■ handwheel



■ Touch off device

Options:



■ Eurovac dry pump



■ Rotation axis (options)

Options:



■ HQD 5+4 vertical boring block



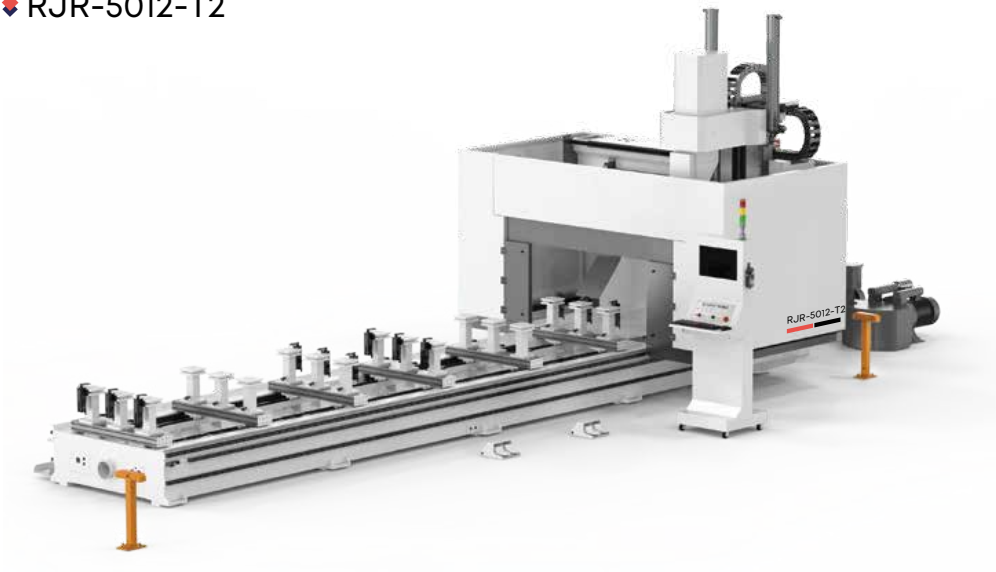
■ Double press rollers

Parameters

Model	RKS-KB+V	RTS-R8	RKS-L12	RTS-L12	RKS-F4	RTS-4S	RTS-2S
Working size	1300*2800*50mm	1300*2800*50mm	1300*2800*50mm	1300*2800*50mm	1300*2800*50mm	1300*2800*50mm	1300*2500*50mm
Spindle	HQD 9KW	HQD 9KW	HQD 9KW	HQD 9KW	HQD 6kw*4	HQD 6kw*4	HQD 6kw*2
ATC	8 Round ATC	8 Round ATC	12 Linear ATC	12 Linear ATC	/	/	/
Control system	Weihong computer	Weihong computer	Weihong computer	Weihong computer	Weihong computer	Weihong computer	Leadshine simple servo
Servo system	Weihong	Weihong	Weihong	Weihong	Weihong	Weihong	Weihong
VFD	Fulling 11kw	Fulling 11kw	Fulling 11kw	Fulling 11kw	Fulling 11kw	Fulling 11kw	Fulling 11kw
Vacuum pump	Eurovac dry	Eurovac dry	Eurovac dry	Eurovac dry	Eurovac dry	Eurovac dry	Eurovac dry
Pump power	7.5kw 250m³	7.5kw 250m³	7.5kw 250m³	7.5kw 250m³	7.5kw 250m³	7.5kw 250m³	5.5kw 180m³
Touch off device	YES	YES	YES	YES	YES	YES	NO
Traveling speed	X/Y axis 70m/min	X /Y axis 70m/min	X /Y axis 70m/min	X /Y axis 70m/min	X /Y axis 70m/min	X /Y axis 70m/min	X /Y axis 70m/min
Traveling speed	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 8m/min
Working speed	X/Y axis 20m/min	X/Y axis 20m/min	X/Y axis 20m/min	X/Y axis 20m/min	X/Y axis 20m/min	X/Y axis 20m/min	X/Y axis 20m/min
Working speed	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 10m/min	Z axis 5m/min
Total Power	23kw	21kw	21kw	21kw	33kw	33kw	20kw
Positioning cylinder	2 position strips	4 pcs	2 position strips	4 pcs	2 position strips	4 pcs	4 pcs
Dust outlet	Ø200*1,Ø100*1	Ø200*1	Ø200*1,Ø100*1	Ø200*1	Ø200*1	Ø200*1	Ø200*1
Overall size	13400*2300*2500	4200*2300*2500	9500*2300*2500	4200*2300*2500	9500*2300*2500	4200*2300*2500	4200*2300*2500
Weight	4500KG	2500KG	3800KG	2500KG	2500KG	2500KG	1800KG

CNC Five-axis Machining Center

◆ RJR-5012-T2



| Double spindles



| 6 vacuum tables. 2 work area

■ RJR-T4-32



| Double vacuum worktable(4 bridges)



| 4 spindles



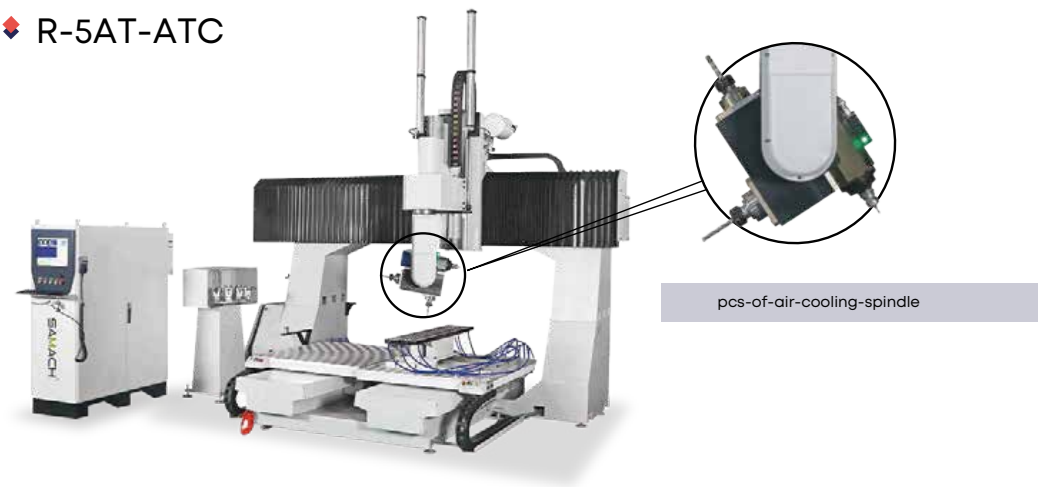
| Touch off device

Parameters

Model	RJR-5012-T2	RJR-T4-32
X axis effective work stroke	1200mm	3200mm
Y axis effective work stroke	5000mm	2300mm
Z axis effective work stroke	800mm	800mm
A & C axis effective work stroke	±400°	±400°
Spindle power	7.5KW *2pcs	9.6KW *4pcs
Bridges of clamps	6 pcs/2 work area	4 pcs/2 work area
Max work speed	20m/min	20m/min
Servo system	Taiwan Delta	Taiwan Delta
Motor power	36KW	36KW
Control system	Italy OSAI	Italy OSAI
Size	7600X3000X3600mm	4850X3250X3600mm
Weight	7500kg	7200kg

5 Axis CNC Center

R-5AT-ATC



Description:

12KW+9.6KW*2

1 1200mm*1200mmX2pc worktable

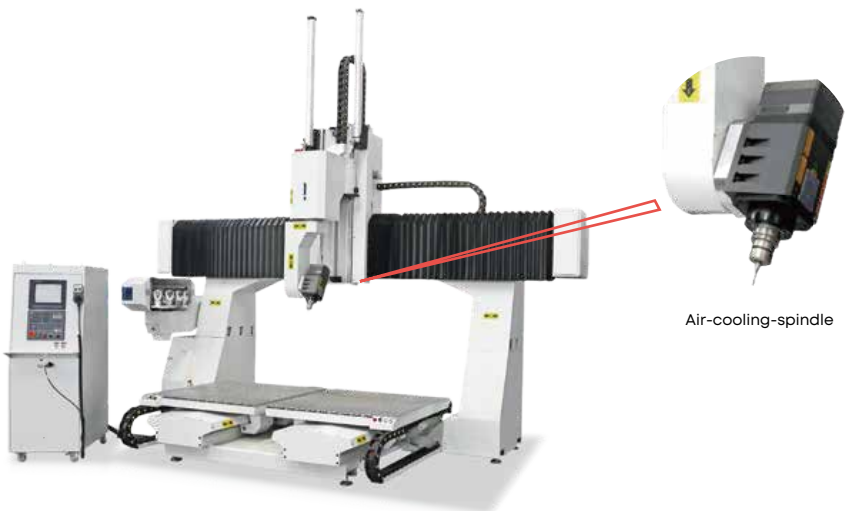
F Five-axis (with RTCP) LYNUC

4 cups and a dry vacuum pump.



ATC: 8 tool magazines. Different tools change be changed,and continue working without personal changing operations.

R-5A-ATC



Parameters

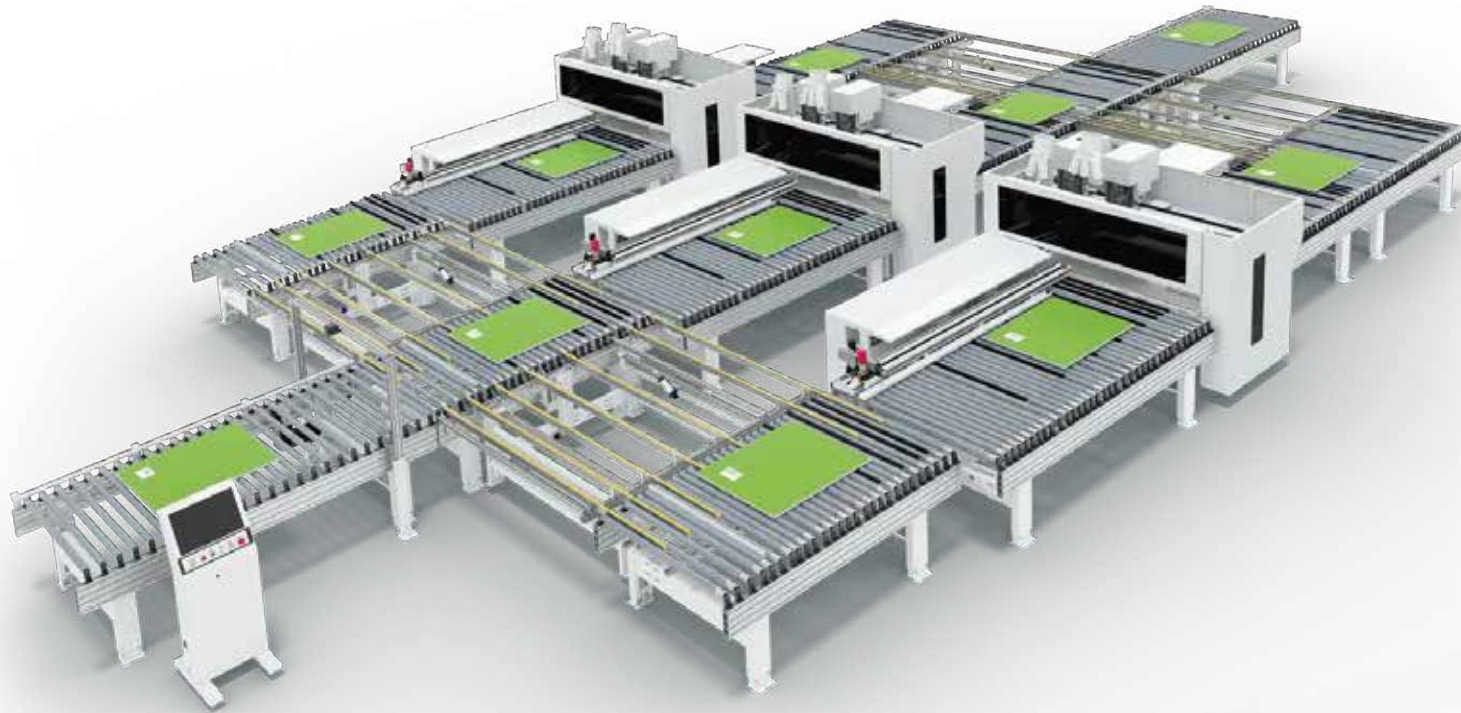
Model	R-SAT-ATC	R-5A-ATC		
Spindle	12KW+9.6KW*2	12KW	Machine size	4300*2300*3800mm
Control system	Five-axis linkage special	Five-axis linkage special	Programming software	MASTERCAM/UG/POWERMIL (general) teaching UG
Work table	1200mm*1200mmX2pc	1200mm*1200mmX2pc	Tool magazine	8 tool magazines
Gantry height	900mm	900mm	Work height stroke	750mm
Processing file format	NC	NC	Inverter	Fulling 15KW inverter
Body structure	Steel plate + square tube integrated welding	Steel plate + square tube integrated welding	Workbench accessories	4 sets of N-150 suction cups and a dry vacuum pump.
Pneumatic components	AIRTAC/EASUN	AIRTAC/EASUN	Electrical box	Delixi Electric Components
System control method	bus absolute value	bus absolute value	Max. processing speed of x/y/z axis	20m/min
X,Z axis transmission mode	Inovance 3KW absolute servo drive + grinding rack transmission	Inovance 1.8KW absolute servo drive + grinding rack transmission	Processing accuracy	±0.02mm
Max. Moving speed of x/y/z axis	50m/min	50m/min	Air pressure	0.6Mpa
Max. Turning speed	15m/min	15m/min	Machine weight	3500KG
Repeat positioning accuracy	±0.05mm	±0.05mm	Y axis	2 independent Y-axis



Drilling Machine

- CNC 6 Sides Drilling Line
- CNC 6 Sides Drilling Machine
- CNC Drilling Machine
- Automatic Feed Drilling Machine
- Embedded Handle Drilling Machine

CNC 6 Sides Drilling Line

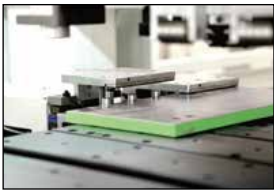


CNC 6 Sides Drilling Machine

◆ RMZ126A



Spindle



Twin clampers



Bottom drill block



Side rollers positioning

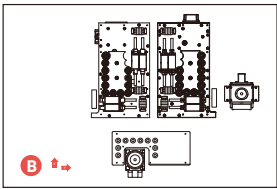
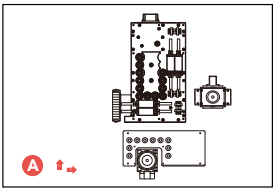


Fan



Belt conveyor

■ RMZ126B



Options



Saw blade



Rear air table



Return roller conveyor

Parameters

Model	RMZ-126A	RMZ-126B
Efficiency	80-100pcs per hour	80-100pcs per hour
Power of main shaft	3.5KWx2pcs	3.5KWx2pcs
Upper vertical drill	12pcs	12* 2units
Upper horizontal drill	X: 2*2+ Y: 2*2	(X: 2*2+ Y: 2*1) *2
Bottom vertical drill	10 pcs	10 pcs
Thickness of board	9-40mm	9-40mm

CNC 6 Sides Drilling Machine

◆ RMZ-126AE/126BE



Description:

- 1

126AE: one top and one bottom drill
- 1

126BE: two top and one bottom drill
- 5

Six tools magazine is options
- 1

Industrial touch screen



126BE drill head



Side roller positioning



Rear belt conveyor

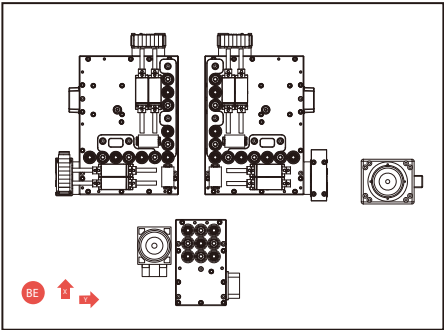
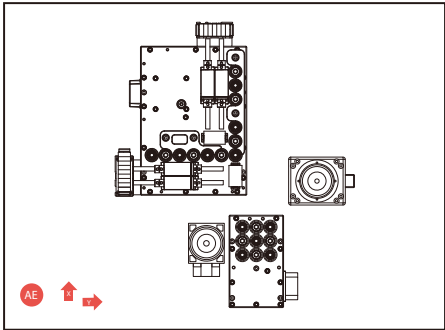


Six tools magazine



Touch off device

Options

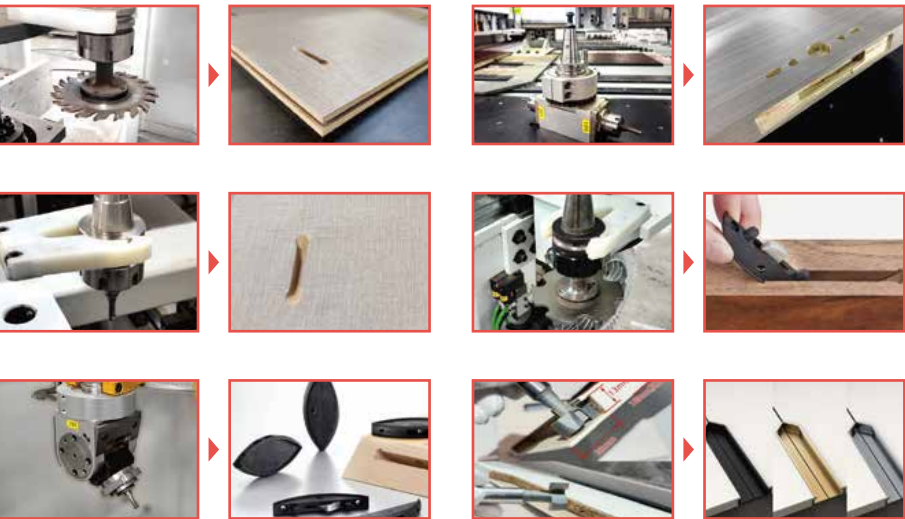


Parameters

Model	RMZ-126AE	RMZ-126BE
Length of board	200-2800mm	200-2800mm
Width of board	50-1200mm	50-1200mm
Thickness of board	9-40mm	9-40mm
X/Y/Z MAX.Speed	120/80/30m/min	120/80/30m/min
Power of main shaft	3.5KWx2pcs	3.5KWx2pcs
Speed of spindle	18000rpm	18000rpm
Upper vertical drill	12pcs	12*2
Upper horizontal drill	X:4+Y:4	(X:4+Y:2)*2
Bottom vertical drill	9pcs	9pcs
Wok efficiency	80-100pcs per hour	80-100pcs per hour

CNC 6 Sides Drilling Machine

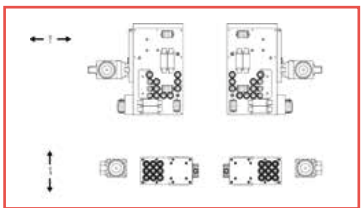
◆ RMZ126A-C/126B-C



■ RMZ-166EC



Ball screw transmission



Ball screw transmission

Parameters

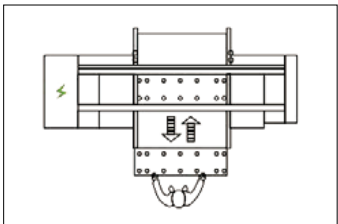
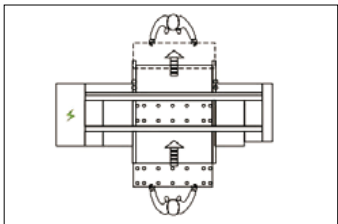
Model	RMZ-126A-C	RMZ-126B-C	RMZ-166EC
Efficiency	80-100pcs per hour	80-100pcs per hour	80-100pcs per hour
Panel length	200-2500mm	200-2800mm	200-2800mm
Panel width	50-1200mm	50-1200mm	50-800mm (2 boards process)
Panel thickness	9-40mm	9-40mm	9-40mm
X/Y/Z MAX.Speed	120/80/30m/min	120/80/30m/min	120/80/30m/min
High pressure blower	2.2KW	2.2KW	2.2KW*2
Spindle power	6KW	6KW +3.5KW	3.5KWx4
Speed of spindle	18000rpm	18000rpm	18000rpm
Top vertical drill	12pcs	12*12pcs	12*12pcs
Top horizontal drill	X: 2+ Y: 2	(X: 2*2+ Y: 2*1) *2	X: 2*2*2+ Y: 2*2*2
Bottom vertical drill	10 pcs	10 pcs	9 pcs*2groups
Total power	23kw	28kw	30kw
Size L*W*H	4650x3000x2150mm	5600x3200x2150mm	6300x3380x2150mm Taking area : 16.25m²

CNC Drilling Machine

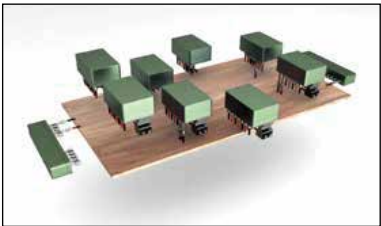
RMZ-11A



Diagram Of Feeding

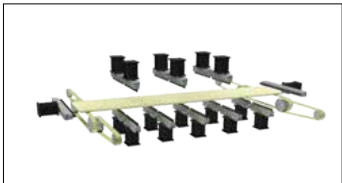
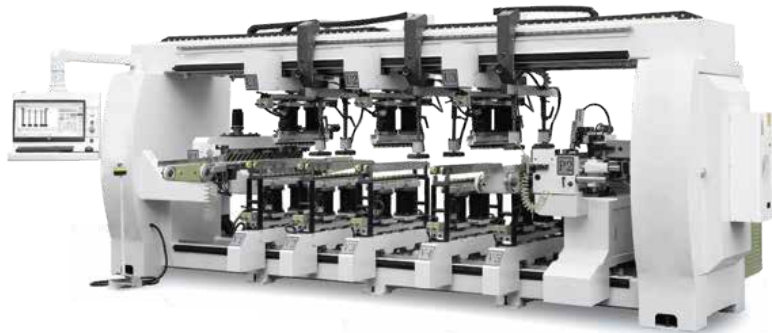


Main Features



This drilling system consists of 88 independently operable drill spindle, ensuring special drilling, mass production, and custom drilling requirements for flexible drilling

RMZ-10C



Parameters

Model	RMZ-11A	Model	RMZ-10C
Processing length	90-2500mm	Max. Center distance between holes	LxB = 2400mmx672mm
Processing thickness	9-50mm	Min. Center distance between holes	LxB = 300mmx32mm
Processing width	100-800 mm	Max.processing length	2400mm
Total number of spindle	88 pcs	Min.processing length	300mm
Spindle speed	4800rpm	Plate thickness	10-30mm
Max.drilling dia.	35mm	Total number of spindles	220 pcs
Max. Drilling depth	40mm	Qty. Of vertical down drilling rows	3 Rows
Air pressure	0.5-0.6mpa	Max.drilling dia.	35mm(single bit) 15mm (multi bits)
Motor voltage	380V/50Hz	Max. drilling depth	50mm
Total power	29kw	Installation dia. Of drill bit shaft	10mm
Net weight	about 5500kg	Knife installation length	70mm
Overall dimensions	5000x2500x2250mm	Spindle speed	2840rpm
Qty.of horizontal cnc drill group	2	Qty.of horizontal left&right drilling rows	2 rows
Qty.of cnc drill group at top	4 group(8pcs head)	Qty.of vertical up drilling rows	5 Rows
		Air pressure	0.5-0.6mpa
		Motor voltage	380V / 50Hz
		Total power	22 x 1.5kw
		Servo motor power	27kw
		Net weight	about 4500kg
		Overall dimensions	5000x2250x2200mm
		Processing speed	13-16 pcs/min

Automatic Feed Drilling Machine

◆RMZ-4CL



| Loading

RMZ-5CL



| Output

■RMZ-6BL



■RMZ-8BL



Parameters

Model	RMZ-4CL	RMZ-5CL	RMZ-6BL	RMZ-8BL
Max drill diameter	35mm(single drill)/13mm(multi drill)	35mm(single drill)/13mm(multi drill)	35mm(single drill)/13mm(multi drill)	35mm(single drill)/13mm(multi drill)
Max drill depth	50mm	50mm	60mm	60mm
Max drill hole distance	1500X672mm	1500X672mm	2500X672mm	2500X672mm
Min drill hole distance	220X32mm	220X32mm	130X32mm	130X32mm
Max panel length	1500mm	1500mm	2500mm	2500mm
Min panel length	220mm	220mm	280mm	280mm
Panel thickness	12mm-40mm	12mm-40mm	/	/
Drill bits total amount	22*2+21*2=84	22*2+11*6=110	22*2+11*8=132	22*2+11*12=154
Drill bit install diameter	10mm	10mm	10mm	10mm
Tools install length	57/70mm	57/70mm	/	/
Spindle rotate speed	2840rpm	2840rpm	/	/
Air pressure	0.5-0.6Mpa	0.5-0.6Mpa	0.5-0.6Mpa	0.5-0.6Mpa

Embeded Handle Drilling Machine

◆ RMZ-S1



Dowel insert



Drill spindle



Dowel holder



Wooden dowel

Parameters

Model	RMZ-S1
Spindle power	1.5kw
Spindle speed	0-2400r/m
X-axis speed and travel	40m/min&2440mm
Y-axis speed and travel	40m/min&80mm
Z-axis speed and travel	10m/min&50mm
Punching speed	60insert/min
Maximum drilling depth	50mm
Maximum pin depth	40mm
weight	1780kg
Overalldimension	3462x1133x2015mm

■ RDG-H3-5T



1

2* 3.5kw and 1*6 kw spindle



2

Photoelectric switch



5 ATC

Parameters

Model	RDG-H3-5T
X/Y/Z axis stroke	2800/120/70mm
Worktable size	3200*500mm
Auxiliary table size	400*600mm
Spindle power	3.5KW*2+2.2KW
Drive	750W*3 servo motors
Control system	Taiwan LNC system
Inverter	4kw
Overall size	4600*1600*1500mm



Touch off device

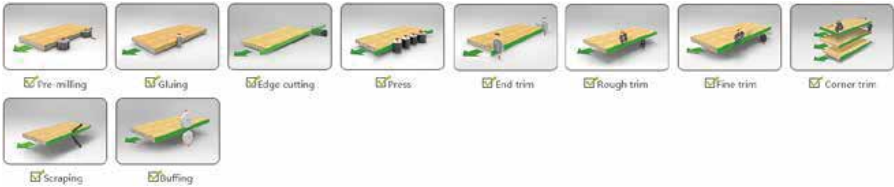


Edge Banding Machines

- Double Sided Edge Banding Machine
- Automatic Edge Banding Line
- Servo Control Edge Banding Machine
- Automatic Edge Banding Machine (Wood and Al)
- High Speed Edge Banding Machine
- Automatic Profile Edge Banding Machine
- Automatic Inclination Edge Banding Machine
- Automatic Laser Edge Banding Machine
- CNC Curved Edge Banding Machine
- Curved Edge banding Machine

Double Sided Edge Banding Machine

◆ RFB565JC-II



Feed system



Output system

The output rollers can be matched with other auto machines to achieve automation



Width adjust

Width adjustment and positioning by 2 ball screw rods on two ends which were driven by precise servo motor guarantee the adjusting precision

Two sides edge banding in one process;



Options:Automatic feeding system



Options:Pin system

Parameters

Model	RFB565JC-II
Panel length	≥120mm
Panel width	≥60mm
Panel thickness	10-60mm
PVC tape thickness	0.3-3mm

Feeding speed	18-22m/min
Air pressure	0.6Mpa
Total power	44kw
Machine size	8400*4550*2000mm

Automatic Edge Banding Line

◆ RFL565



Two side edges banding could be done in just one process without manual intervention because of the roller conveyor and flexible feeding pushers.



Panel sensor



Feeder



Press rollers



Inclined roller conveyor



Options:Gantry type loading system

Parameters

Model	RFL565
Installation area	28.5x3.5m
Work speed	18-35m/min
Worker needed	2
Installation time	3-5 days

Servo Control Edge Banding Machine

◆ RFB-M5



Description:

- M5: Servo beam and Servo Wax
- M7: M5+servo press+4 thickness Pneumatic fine trim+4 thickness Pneumatic scraping
- M9: M5+servo press+servo fine trim+servo corner trim+servo scraping



| Full servo pressing (options)



| Four head tracking



| Pre milling device

Parameters

Model	RFB-M5	
Dimension(mm)	9200x1000x1700	
Power	23kw	
Net Weight	4500	
Working Speed	15-18-23m/min	
	Panel Thickness	10-60mm
	Panel Width	≥60
	Panel Length	≥120
	Edge band Thickness	0.4-3mm

Automatic Edge Banding Machine

(Wood and Al)

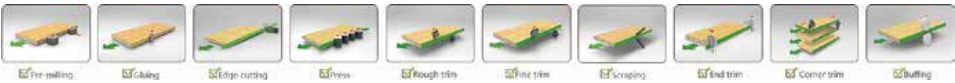
◆ RFB565JC-AH



Long press system



24" computer control panel



Description:

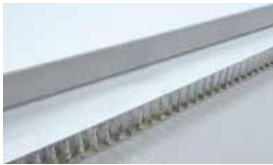
- T** Two units of press rollers
- P** PUR glue system
- F** Four motors of corner trim
- V** V-belt for smooth conveying

Corner trim



0.37kw X 4 pcs independent high frequency control motor

It can work for aluminium and wood panels. End trim works after trimming function

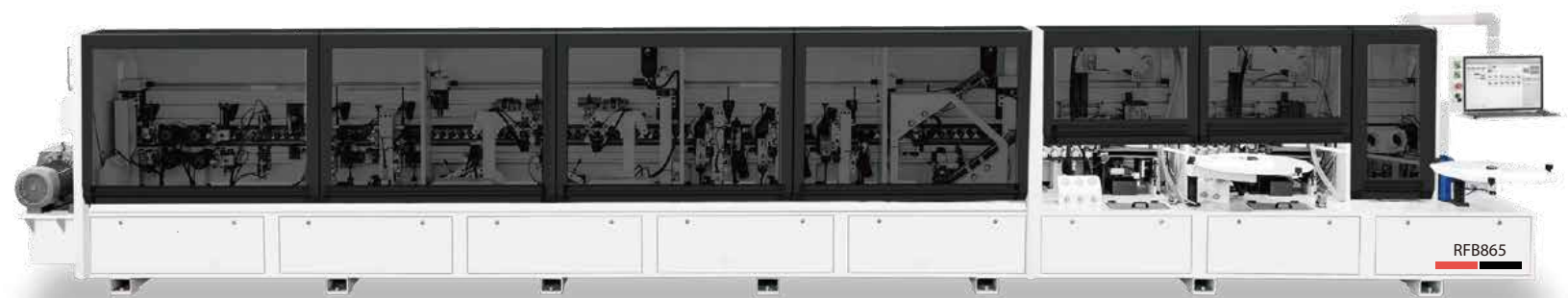


Parameters

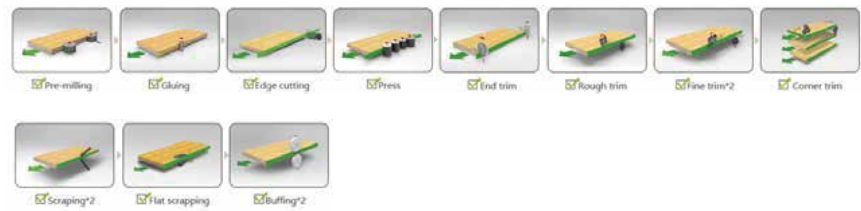
Model	RFB565JC-AH
Dimension(mm)	9900x1000x1700
Power	16kw
Net. Weight	3500
Working Speed	15-18-23m/min
Panel Thickness	9-60mm
Panel Width	≥50
Panel Length	≥120
Edge band Thickness	0.4-3mm

High Speed Edge Banding Machine

◆RFB865



Touch screen



1 Its speed can reach 28m/min

2 Industrial computer control system



Double upper quick melt



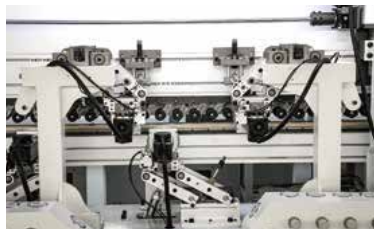
Rough & 2 fine trim



V-belt conveyor



End trim



Corner trim

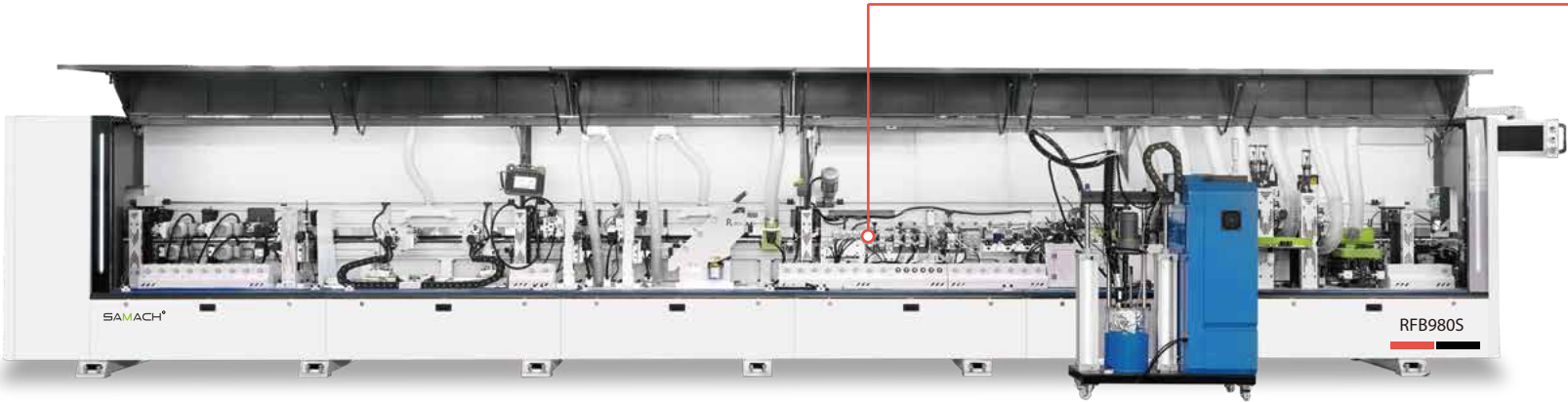
- 2 pre-melt gluing units
- Double guide rail end trim
- Four motors of corner trim
- V-belt for smooth conveying

Parameters

Model	RFB865
Dimension(mm)	10500x1000x1700
Power	29kw
Net Weight	3600kg
Working Speed	20-23-26m/min
Panel Thickness	10-60mm
Panel Width	≥60
Panel Length	≥120
Edge band Thickness	0.4-3mm

Automatic Profile Edge Banding Machine

RFB980S



Profile press rollers



Left half J shape Right half J shape Full J shape Full C shape Middle J shape (from shape) Straight Bevel&straight



Profile milling units

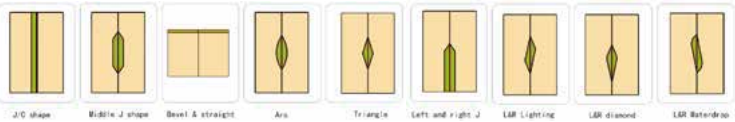


Trimming



Tracking

RFB880S



J/C shape Middle J shape Bevel & straight Arc Triangle Left and right J L&R Lighting L&R diamond L&R Water-drop

Parameters

Model	RFB980S	RFB880S
Edge band thickness	0.5 - 1.2mm	0.5 - 1.2mm
Conveyor belt speed	6-8m/min	6-8m/min
C shape	0.5-0.55mm thickness 35mm width pvc	0.5-0.55mm thickness 35mm width pvc
Min. length of panel	300mm	300mm
working pressure	6.0 - 8.0 bar	6.0 - 8.0 bar
Dust collect	Φ100*6	Φ100*6
Package dimensions	8820 x 1070 x 1850 mm	8820 x 1070 x 1850 mm
Panel thickness	18 /22mm (25 for bevel)	18 /22mm (25 for bevel)
J/left & right J shape	0.5-0.55mm thickness 60mm width pvc	0.5-0.55mm thickness 60mm width pvc
Inclination shape	1-1.2mm thickness 30mm width pvc	1-1.2mm thickness 30mm width pvc
Min. width of panel	150mm	150mm
Total power	47.1kw	47.1kw
Work pressure	0.6-0.8Mpa	0.6-0.8Mpa
Weight	3.2Tons	3.2Tons

Model	RFB980S	RFB880S
Control panel	14" PLC	21" PC
Glue system	EVA	PUR
Press unit	Manual lift	Servo motor control
Milling unit	Manually adjust	Servo motor control
Bevel&Straight	Controlled by 2 motors	Controlled by 2 motors
Air conditioner	////	Air conditioner
Crushing knife	////	Crushing knife
Corner Trim Unit	////	Yes
Buffing unit	1 unit	2 units

Automatic Edge Banding Machine

◆ RFB565JC



■ RFB565J



■ RFB565



■ RFB465J



■ RFB465



SPECIFICATION



Pre-milling



End trim



Rough and fine trim



Corner trim



Scraping



Buffing

Description:

M Multi tape feed system

G Guide rail for hinge holes

N Narrow panels process

S Scraping tape cut



Soft flat scraping



Scraping tape cut



Guide roller for hinge holes



PUR Glue Machine



Quick melt

Parameters

Model	RFB465	RFB465J	RFB565	RFB565J	RFB565JC
Dimension(mm)	4100x850x1680	4600x850x1680	4600x850x1680	5450x1000x1600	6640x1000x1600
Power	8kw	13kw	10kw	14.2kw	17kw
Net. Weight	1450KG	1650KG	1650	2080	2280
Working Speed	15-18-23m/min	15-18-23m/min	15-18-23m/min	15-18-23m/min	15-18-23m/min
Panel Thickness	10-60mm	10-60mm	10-60mm	10-60mm	10-60mm
Panel Width	≥60	≥60	≥60	≥60	≥60
Panel Length	≥120	≥120	≥120	≥120	≥120
Edge band Thickness	0.4-3mm	0.4-3mm	0.4-3mm	0.4-3mm	0.4-3mm

OPTIONS



Hogging



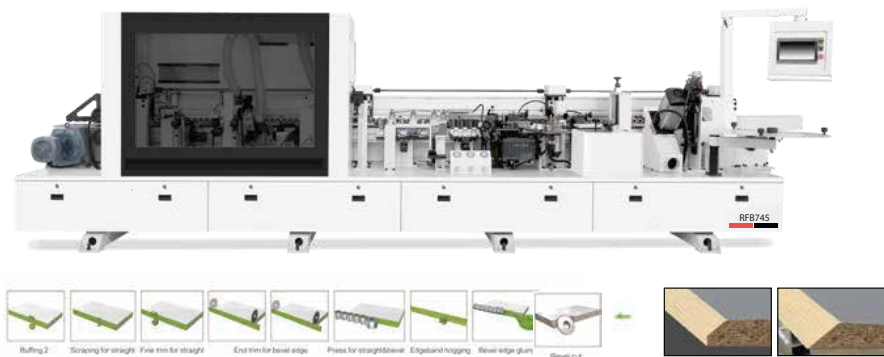
Crawler type beam



Spray station (before pre-milling or buffing)

Automatic Inclination Edge Banding Machine

◆ RFB745



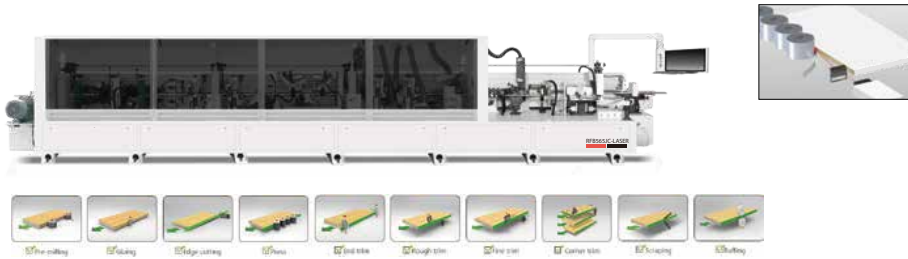
Automatic Inclination Edge Banding Machine

◆ RFB765H



Automatic Laser Edge Banding Machine

RFB565JC-LASER ◆



Automatic narrow panel edge banding machine

◆ RFB-28S

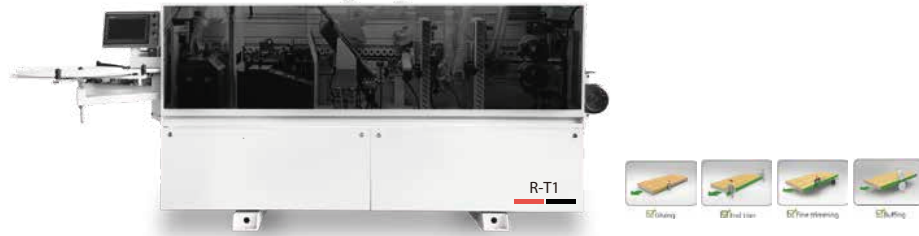


Parameters

Model	RFB745	RFB765H	RFB565JC-LASER	RFB-28S
Dimension(mm)	6350x1000x1700	7600*1000*1700mm	9000x1000x1700	9000x1000x1700
Power	15kw	24.5kw	25.5kw	23kw
Net. Weight	1500kg	5200kg	3300kg	3200kg
Working Speed	12m/min	13-22m/min	15-18-23m/min	15-18-20m/min
Panel Thickness	15-25mm Bevel	15-25mm/9-50mm	10-60mm	10-60mm
Panel Width	≥100	>250mm/≥120mm	≥60	≥28
Panel Length	≥150	>250mm/≥120mm	≥120	≥120
Edge band Thickness	0.6-1.2mm	0.6-1.5mm/0.4-3mm	0.4-3mm	0.4-3mm

Automatic Edge Banding Machine

◆ R-T1



Gluing and press



End trim



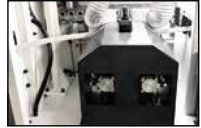
Fine trim and buffing

◆ R-T2



Scraping

◆ R-T3



Pre-milling

◆ R-T4



corner trim

Parameters

Model	R-T1	R-T2	R-T3	R-T4
Min panel length	120mm	120mm	120mm	120mm
Min panel width	80mm	80mm	80mm	80mm
Panel thickness	10-40mm	10-40mm	10-40mm	10-40mm
Edgeband thickness	0.4-2mm	0.4-2mm	0.4-2mm	0.4-2mm
Feed speed	10m/min(Others are options)	10m/min	10m/min	12/15/18m/min
Air pressure	0.6-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa	0.6-0.8Mpa
Pre-milling	/	/	1.8kw*2	1.8kw*2
Gluing power	0.55KW	0.55KW	0.55KW	0.55KW
End trim power	0.37KW*2	0.37KW*2	0.37KW*2	0.37KW*2
Fine trim power	0.55KW*2	0.55KW*2	0.55KW*2	0.55KW*2
Corner trim power	/	/	/	0.37KW*2
Buffing power	0.37kw*2	0.37kw*2	0.37kw*2	0.37kw*2
Feed power	1.5KW	1.5KW	1.5KW	2.2KW
Heating plate power	1.5kw	1.5kw	1.5kw	1.5kw
Total power	7KW	7KW	10.5KW	11.5KW
Package size	2850X630x1240	3250*750*1240mm	3900X630x1240mm	5170x630x1240mm

CNC Curved Edge Banding Machine

◆ RFB-D330



◆ RFB-S220



Curved Edge banding Machine

◆ RFB315B



◆ RFB315Q



Parameters

Model	RFB-S220	RFB-D330	Model	RFB-315B	RFB-315Q
Panel size	Max: 1.2*1.8m, Min:200*200mm	Max: 1.2*2.4m, Min:200*300mm	Edge band thickness	0.3 - 3 mm	0.3 - 3 mm
Panel thickness	9-60mm	9-50mm	Panel thickness	10 - 40 mm	10 - 40 mm
PVC tape thickness	0.6-3mm	0.6-3mm	Min. panel length	150 mm	150 mm
Trimming angle	0.5-2R(adjustable) with 0.75kw*2 motor	0.5-2R(adjustable) with 0.75kw*2 motor	Feed speed	1-14m/min	1-14m/min
Feed speed	5-8m/min stepless	5-8m/min stepless	Total power	2kw	1.6kw
Glue tank temperature	80-220°	80-220°	Dimensions	1000*800*1000mm	1250*800*1120mm
Glue pot	1.5kg	1.5kg	Weight	180kg	180kg
Air pressure	0.6-0.8Mpa	0.6-0.8Mpa			
Total power	4KW	4KW			
Package size	1750*1100*1500mm	2100*1500*1700mm			
Weight	530kg	650kg			



Central Dust Collector

- Dust Collector Center
- Pulsated Dust Collector Center
- Dust Collector
- Outdoor Dust Collect Center

Dust Collector Center

RXC3055P/3075P/3110P



Oscillation motor



RXC-3055P



RXC-3075P

Parameters

Model	RXC3055P	RXC3075P	RXC3110P
Power	5.5kw	7.5kw	11kw
Air capacity	5500m³/h	7000m³/h	11000m³/h
Air speed	24m/s	24m/s	24m/s
Dust collect bag qty	30pcs	45pcs	60pcs
Ash hopper	2pcs	3pcs	4pcs
Dust collect bag size	Φ200*L1650mm	Φ200*L1650mm	Φ200*L1650mm
Dust collect connect port	Φ300mm	Φ350mm	Φ400mm
Dust entry requirements	No fire source		
Air blower Noise (6 meter away)	~75dBA (after connecting with pipes)		
Machine size	2289*1160*3036mm	2965*1160*3036mm	3661*1160*3036mm
Gross weight	700kg	900kg	1100kg

Pulsated Dust Collector Center

RXC9003P/9075P/9110P



Pulsated system



Parameters

Model	RXC9003P	RXC9075P	RXC9110P
Power	3kw	7.5kw	11kw
Air capacity	2500m³/h	7000m³/h	11000m³/h
Air speed	24m/s	24m/s	24m/s
Dust collect bag qty	42pcs	66pcs	66pcs
Ash hopper	2pcs	3pcs	4pcs
Dust collect bag size	Φ130*L1300mm	Φ130*L1300mm	Φ130*L1300mm
Dust collect connect port	Φ300mm	Φ350mm	Φ400mm
Dust entry requirements	No fire source		
Air blower Noise (6 meter away)	~75dBA (after connecting with pipes)		
Machine size	2375*1100*2000mm	3260*1100*2500mm	3355*1160*2500mm
Gross weight	550kg	966kg	1050kg

Dust Collector

◆ RXC9022/9030/9040/9055/9075A



Options: C Switch

Parameters

Model	RXC9022	RXC9030	RXC9040	RXC9055	RXC9075A
Motor power	2.2kw	3kw	4kw	5.5kw	7.5kw
Air delivery	2350m ³ /h	3150m ³ /h	4450m ³ /h	8000m ³ /h	9000m ³ /h
Air speed	20~25m/sec	35~40m/sec	35~40m/sec	40~45m/sec	40~45m/sec
Intake size	ø4" x 3pcs	ø4" x 3pcs	ø4" x 4pcs	ø4" x 6pcs	ø4" x 6pcs
Collector bag	ø480x 2pcs	ø480x 4pcs	Ø630x 4pcs	Ø630x 4pcs	Ø630x 8pcs
Overall size(mm)	960X560X2000	1200X560X2000	1450X735X2200	1450X735X2200	1500X1500X2250
Packing size(mm)	960X560X530	1200X560X530	1450X735X720	1450X735X720	1450X730X710X2+1450X1450X46
Net weight	50kg	65kg	95kg	115kg	207kg
Gross weight	55kg	70kg	105kg	125kg	218kg

Outdoor Dust Collect Center

