

SAMACH



SAMACH[®]

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PANEL PROCESSING MACHINE

2023

PANEL SAW

CNC ROUTER

DRILLING MACHINE

EDGE BANDING MACHINE

SAMACH[®]

— INNOVATION —

Is the inexhaustible
Motive force for enterprise development



PANEL SAW

CNC Panel Saw
RCJ1500E/RCJ2800/3300E

Angular Panel Saw
RVH270-130/RVH380-160

Rear Loading CNC Panel Saw
RCH3300HS/4200E-R/4500E-R

Sliding Table Saw
RTJ-45X/45TE/3200A45/3200B45/3200C45



CNC Panel Saw

RCJ1500E



Model	RCJ1500E
Work width	1450mm
Work thickness	100mm(120mm optional)
Main saw motor	15KW(18kw optional)
Groove saw motor	2.2KW
Gripper quantity	8

RCJ2800E/3300E



Model	RCJ2800E/3300E
Work width	2750mm/3150mm
Work thickness	100mm(120mm optional)
Main saw motor	15KW(18kw optional)
Groove saw motor	2.2KW
Gripper quantity	11

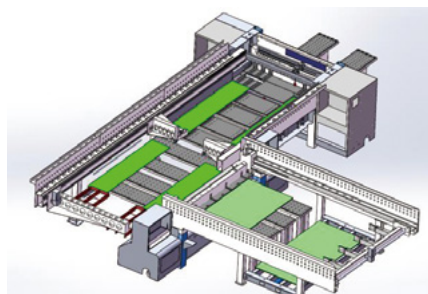
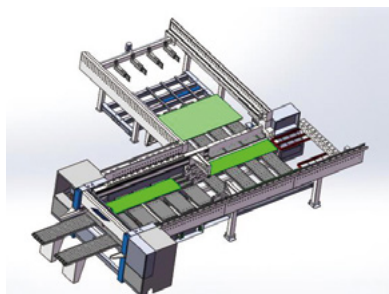
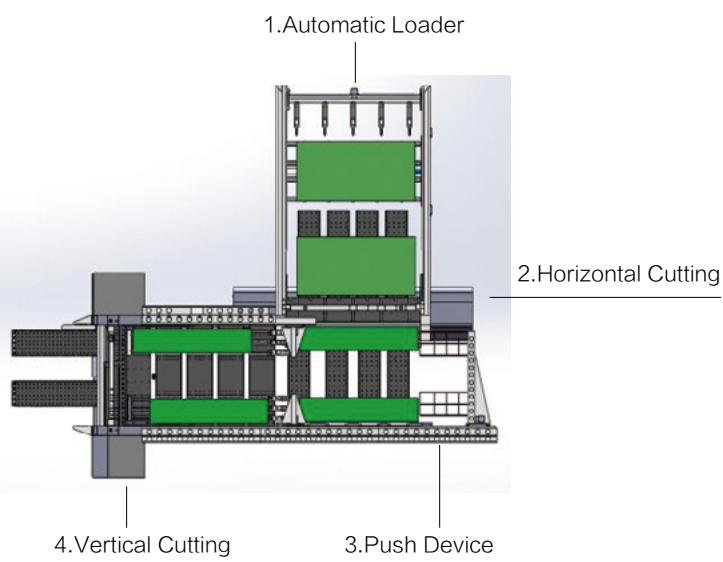
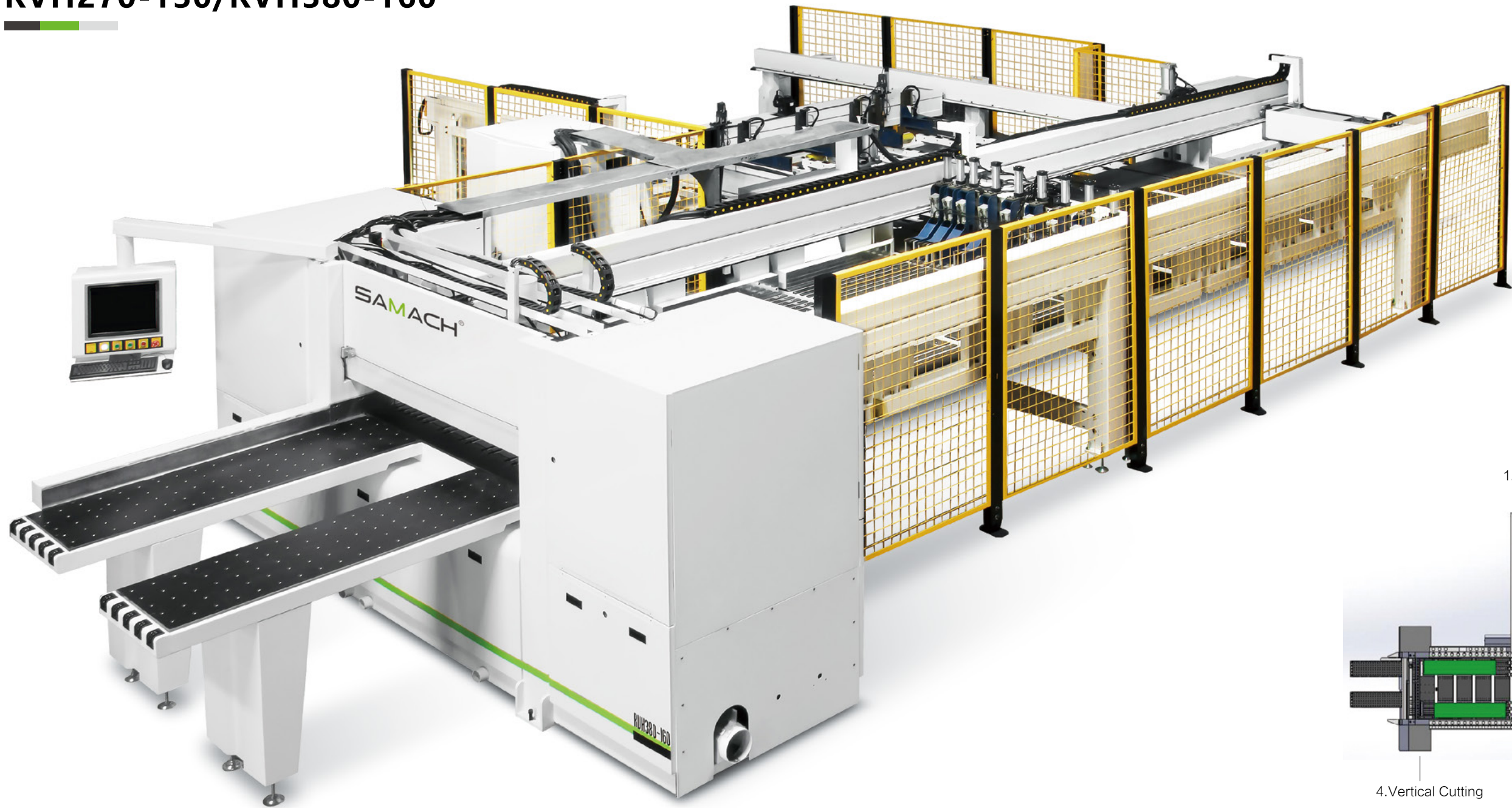
RCJ3800E/4200E/4500E



Model	RCJ3800E/4200E/4500E
Work width	3750mm/4150mm/4450mm
Work thickness	100mm (120mm optional)
Main saw motor	15KW (18kw optional)
Groove saw motor	2.2KW
Gripper quantity	14/15/15

Angular Panel Saw

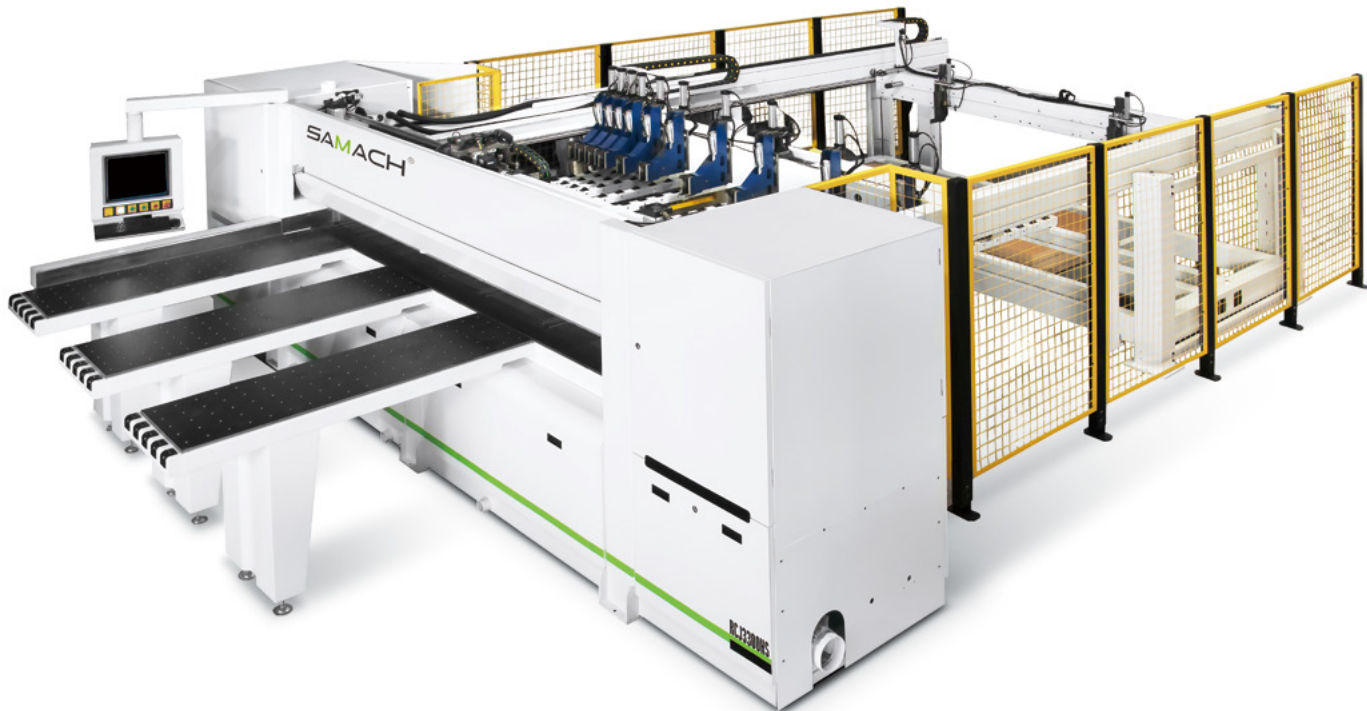
RVH270-130/RVH380-160



Model	RVH380-160
Work width in horizontal	≤ 3800mm
Work length in vertical	≤ 1600mm
Work thickness	≤ 120MM
Main feed speed	≤ 80M/MIN
Cutting speed	≤ 80M/MIN

Rear Loading CNC Panel Saw

RCJ3300HS



Twin pushers



Grippers



Side push device

Model	RCJ3300HS
Work width	3200mm
Work thickness	0-120mm
Main feed speed	0-80M/MIN
Main saw power	18.5KW (Aluminum alloy motor)
Groove saw power	2.2KW (Aluminum alloy motor)



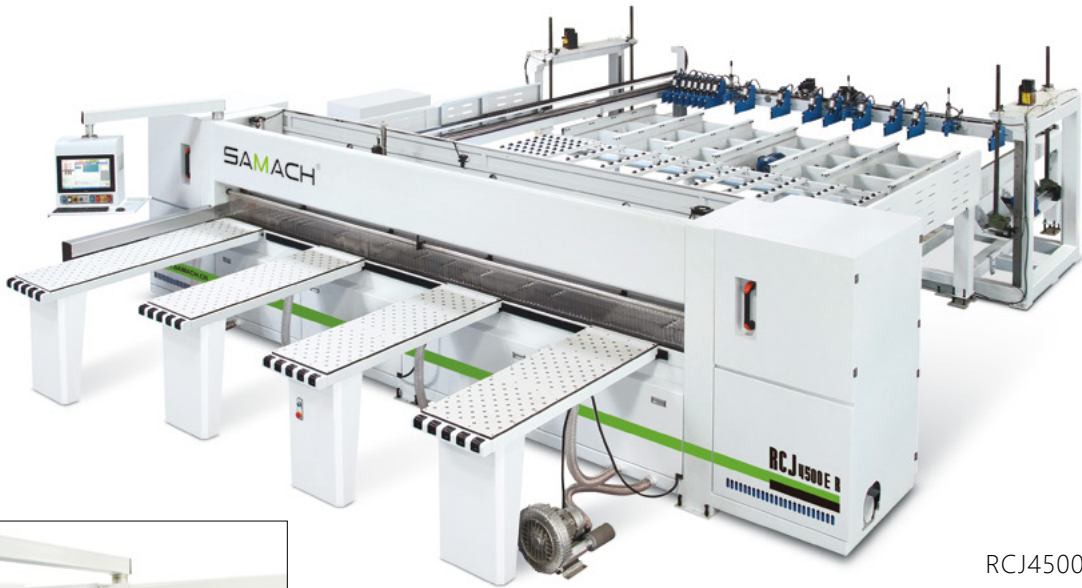
Optional:2 sets of clamps working independently

Rear Loading CNC Panel Saw

RCJ4200/4500E-R



RCJ4200E-R



RCJ4500E-R



Model	RCJ4200E-R	RCJ4500E-R
Work width	4150mm	4450mm
Work thickness	100mm	100mm
Main saw motor	15KW	15KW
Groove saw motor	2.2KW	2.2KW
Gripper quantity	15	15

Sliding Panel Saw

RTJ-45X



Model	RTJ-45X
Main saw blade max diameter	350mm
Main saw shaft diameter	30mm
Main saw motor power	5.5kw(6.5kw is optional)
Groove saw motor power	1.1KW
Saw blade tilt range	0-45°

RTJ-45TE



Model	RTJ-45TE
Main saw blade max diameter	350mm
Main saw shaft diameter	30mm
Main saw motor power	5.5kw(6.5kw is optional)
Groove saw motor power	1.1KW
Saw blade tilt range	0-45°

Sliding Panel Saw

RTJ3200C45



Model	RTJ3200C45
Sliding table size	3200x388mm
Main saw motor power	5.5kw
Scoring saw motor power	0.75kw(1.1 kw optional)
Work	Electrical lift and tilt

RTJ3200B45



Model	RTJ3200B45
Sliding table size	3200 × 388mm
Main saw motor power	5.5kw
Scoring saw motor power	0.75kw(1.1 kw optional)
Work	Electrical lift and manual tilt

RTJ3200A45



Model	RTJ3200A45
Sliding table size	3200 × 388mm
Main saw motor power	5.5kw
Scoring saw motor power	0.75kw(1.1 kw optional)
Work	Manual lift and manual tilt

CNC ROUTER

Gantry 5 Axis CNC Processing Centers
PTP-4013-X5/PTP-6013-X5

5 Axis CNC Center
RF-5A/5AH/5AH-ATC/RF-5J/RF-5JS

CNC Router
RTS-L10/RTS-R8/2S/4S

CNC Router Line
RKS-K8+9V/RKS-K2-II

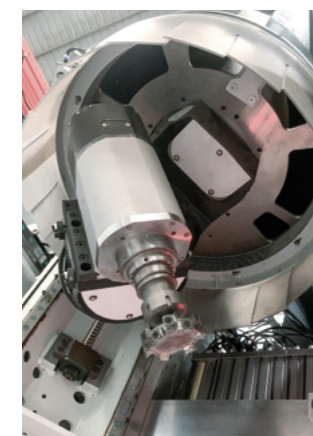


Gantry 5 Axis CNC Processing Center

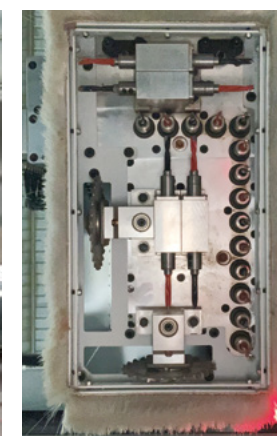
PTP-4013-X5/PTP-6013-X5



16 position revolver



18KW water cooling 5axis-spindle



Drill Block:14V / 2+2H /1+1 S

Model	PTP4013-X5	PTP6013-X5
Worktable size	4000 × 1220mm	6000 × 1220mm
	X Axis: 4900mm	X Axis: 6760mm
	Y Axis: 2470mm	Y Axis: 2470mm
Move stroke	Z Axis: 700mm	Z Axis: 700mm
	C Axis: ± 361°	C Axis: ± 361°
	A Axis stroke: ± 185°	A Axis stroke: ± 185°
	X A xis: 70m/min	
Max idle speed	Y A xis: 70m/min	
	Z Axis: 25m/min	
	C Axis: 60/sec	
	A Axis: 60/sec	
Max work speed	15m/min	
Dimension	6400L*3900W*3000H mm	8400L*3900W*3000H mm
Weight	5T	7T

5 Axis CNC Center

RF-5AH



Model	RF-5AH
Working stroke	3080mm*1900*800mm
A/C axis stroke	A:unlimited C:±370°
Spindle power	4*9.6KW
Spindle speed	0-24000rpm/min
Driver	Taiwan Syntec

RF-5AH-ATC



Model	RF-5AH-ATC
X Working stoke	3080/3700mm
Y/V Working stoke	1900mm
Z Working stoke	800/1000mm
A/C axis	A:unlimited C: ± 370°
Spindle power	2*9.6kW +10kW

RF-5A



Model	RF-5A
Working stroke	3080mm*1900*800mm
Working speed	20-50m/min
Operation system	Taiwan Syntec computercontrol system
A/C axis stroke	A:unlimited C: ± 370°
Spindle power	2* 7.5KW

5 Axis CNC Center

RF-5J



Model	RF5J
Working stroke	1500mm*1220*600mm
A/C axis stroke	± 370°
Spindle power	2*7.5KW
Working speed	20-50m/min
Operation system	Taiwan Syntec computer

RF-5JS



Model	RF-5JS
Working stroke	1500mm*1220*600mm
A/C axis stroke	± 370°
Spindle power	2*7.5KW
Working speed	20-50m/min
Operation system	Taiwan Syntec computer

CNC Router

RTS-L10



Model	RTS-L10
Work stroke	1300*5000*50mm
Spindle motor	HQD 9KW
Drive system	Japan Yaskawa 850W servo drive
Vacuum Pump	Domestic water cycle 7.5kw
Operation system	SYNTEC FC computer control



RTS-R8



Model	RTS-R8
Work stroke	1300*5000*50mm
Spindle motor	HQD 9KW
Drive system	600mm
Vacuum Pump	Domestic water cycle 7.5kw
Operation system	SYNTEC FC computer control



CNC Router

RTS-2S



Model	RTS-2S
Work stroke	1300*2800*50mm
Spindle motor	HQD 6KW*4
Drive system	NCStudio servo drive
Vacuum Pump	Domestic water cycle 7.5kw
Operation system	NCStudio computer control

RTS-4S



Model	RTS-4S
Work stroke	1300*2800*50mm
Spindle motor	HQD 6KW*4
Drive system	NCStudio servo drive
Vacuum Pump	Domestic water cycle 7.5kw
Operation system	NCStudio computer control

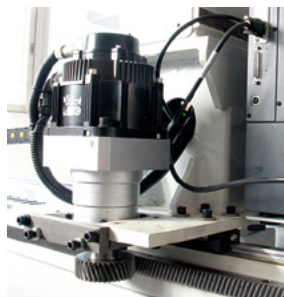


CNC Router Line

RKS-K8+9V

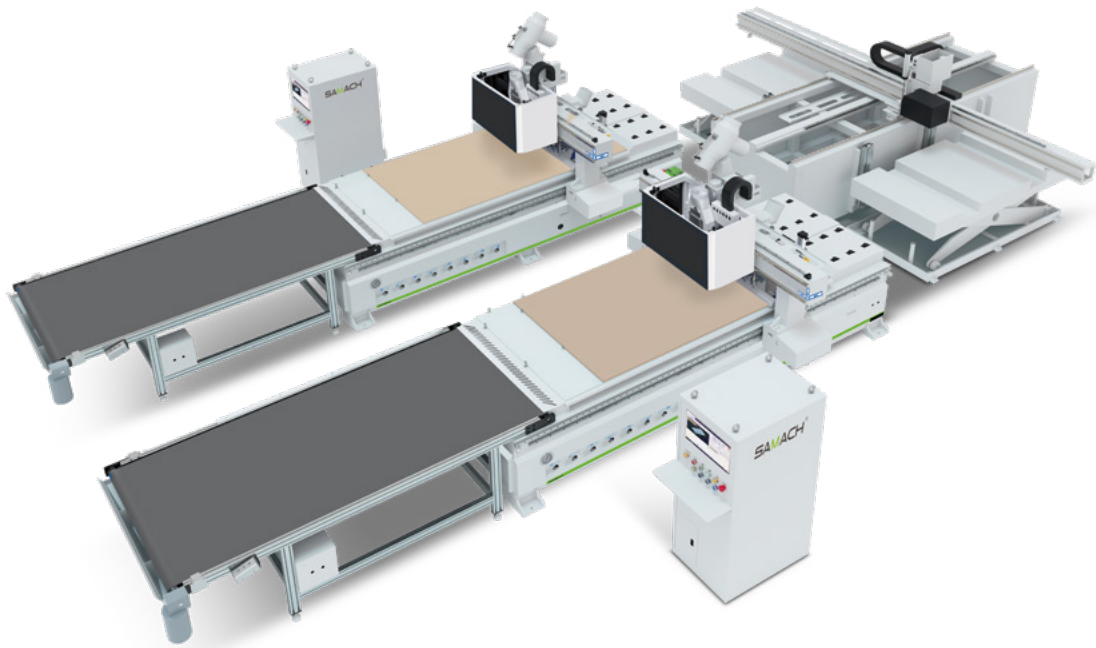
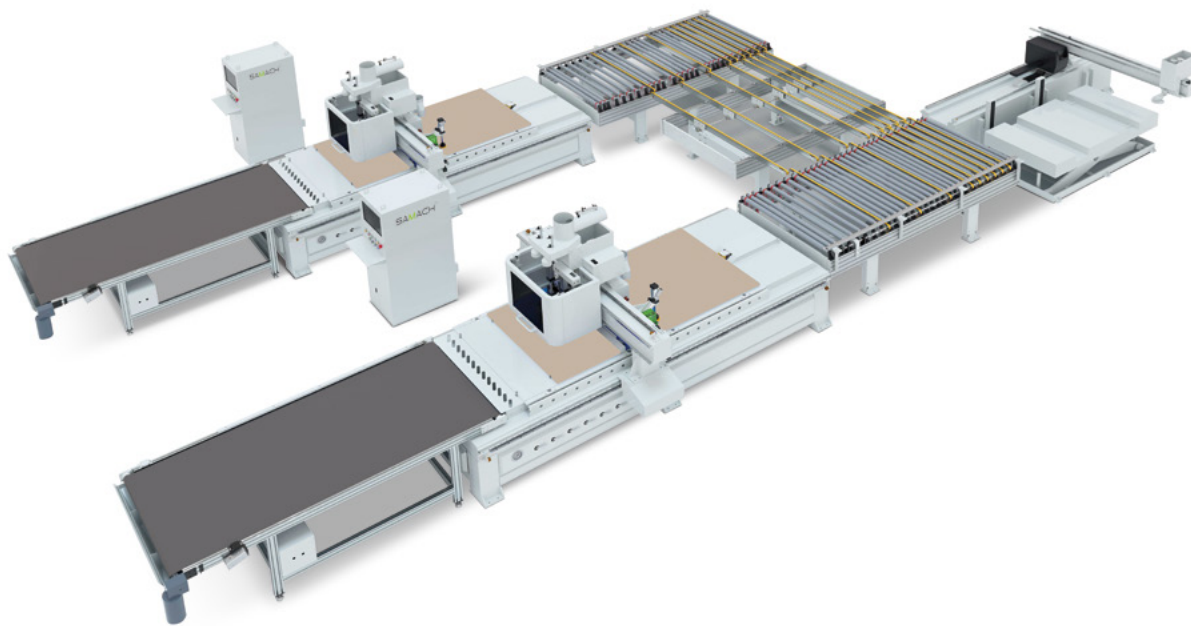


Model	RKS-F8+9V
Work stroke	1300*2500*180mm
Spindle motor	HQD 9.0kw auto tool change
Drive system	Japan Yaskawa 850W servo drive
Vacuum Pump	HQD 5+4 vertical
Operation system	Automatic label printer



CNC Router Line

RKS-K2-II



Model	RKS-K2-II
Work stroke	1300*2500*50mm
Spindle motor	HQD 9.0kW auto tool change
Drive system	Japan Yaskawa 850W servo drive
Vacuum Pump	Domestic water cycle 7.5kw
Operation system	Syntec FC computer control system (display monitor and handwheel)

DRILLING MACHINE

CNC 6 Sides Drilling Machine
RMZ-126A/126B

Automatic CNC 6 Sides Drilling Line
RMZ-126B-X

CNC 6 Sides Drilling Machine
RMZ-166EC

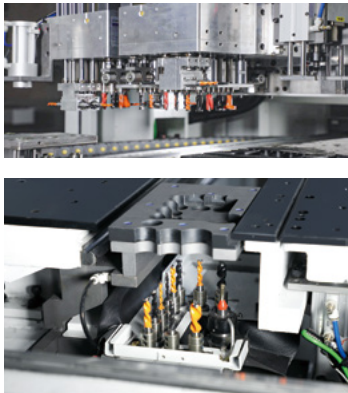
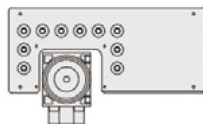
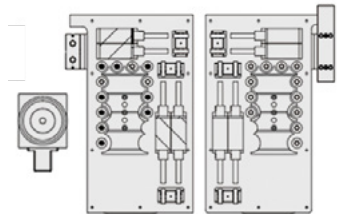
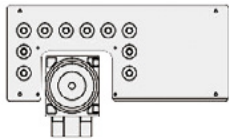
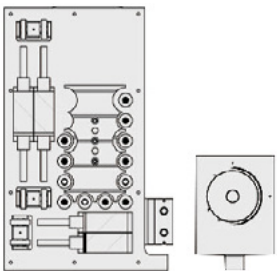
CNC 6 Sides Drilling Machine+ATC
RMZ-126A-16

10 Lines CNC Drilling Machine
RMZ-C10L

10 Lines CNC Drilling Line

CNC 6 Sides Drilling Machine

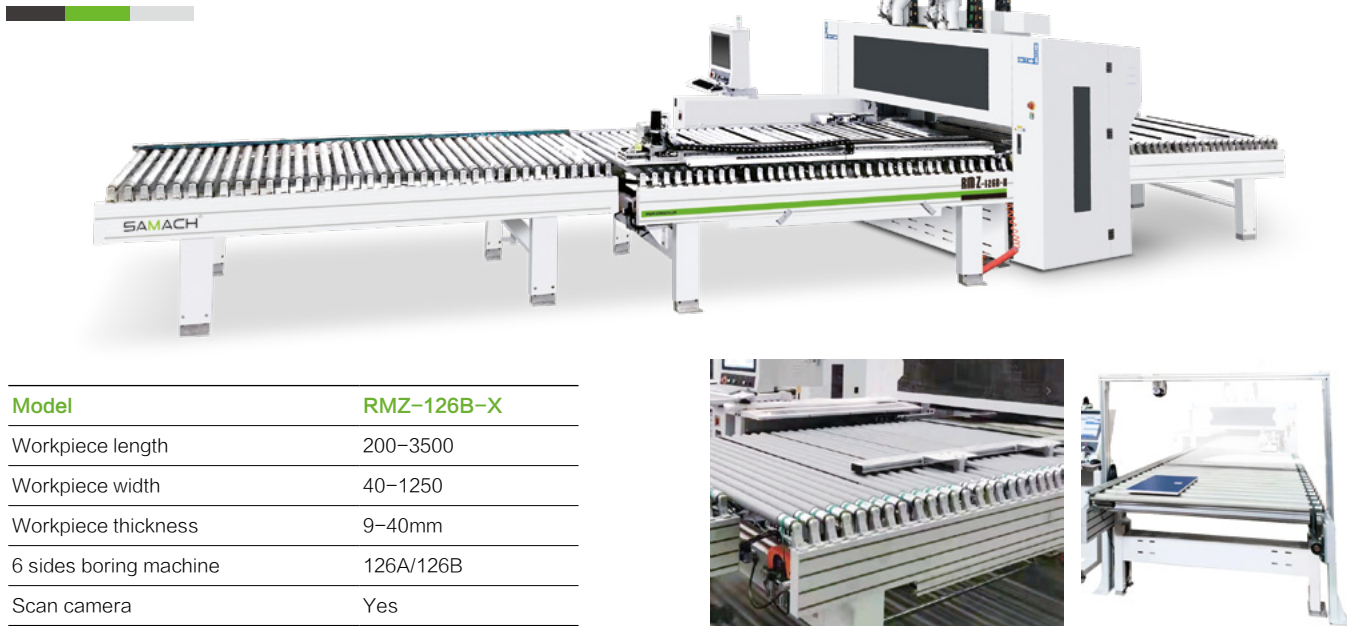
RMZ-126A/B



Model	RMZ-126A	RMZ-126B
Length of board	200-2800mm	200-2800mm
Width of board	50-1200mm	50-1200mm
Thickness of board	9-40mm	9-40mm
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	10pcs

Automatic CNC 6 Sides Drilling Line

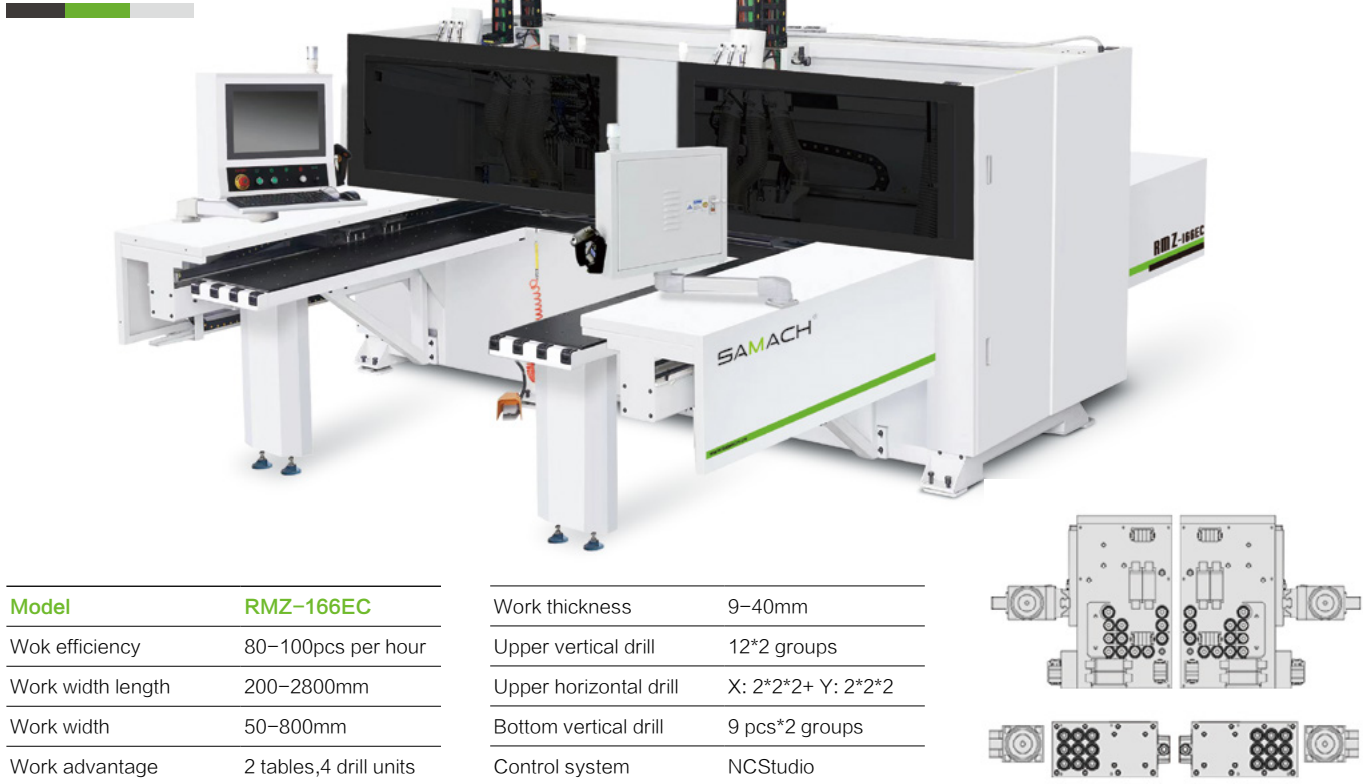
RMZ-126B-X



Model	RMZ-126B-X
Workpiece length	200-3500
Workpiece width	40-1250
Workpiece thickness	9-40mm
6 sides boring machine	126A/126B
Scan camera	Yes

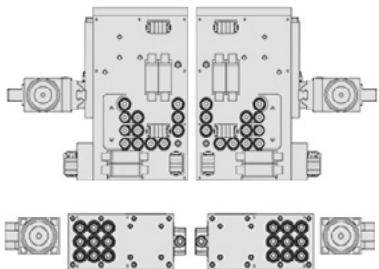
CNC 6 Sides Drilling Machine

RMZ-166EC



Model	RMZ-166EC
Wok efficiency	80-100pcs per hour
Work width length	200-2800mm
Work width	50-800mm
Work advantage	2 tables,4 drill units

Work thickness	9-40mm
Upper vertical drill	12*2 groups
Upper horizontal drill	X: 2*2*2+ Y: 2*2*2
Bottom vertical drill	9 pcs*2 groups
Control system	NCStudio



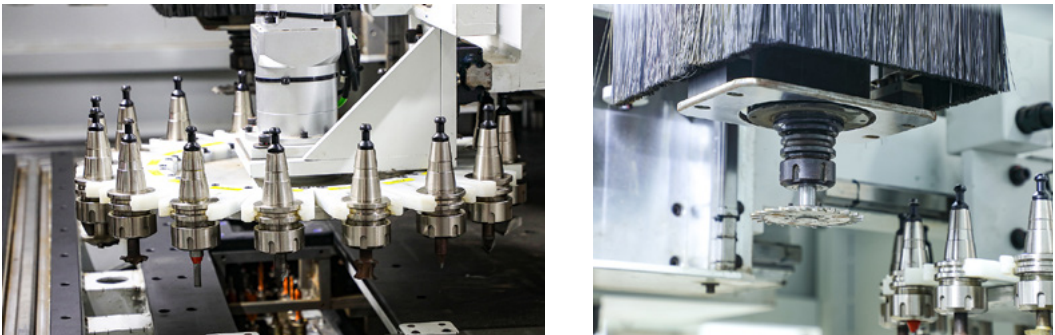
CNC 6 Sides Drilling Machine+ATC

RMZ-126A-16



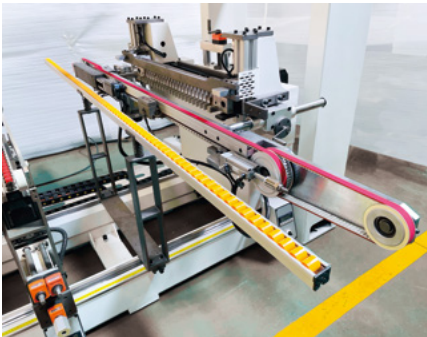
Model	RMZ-126A-16
Efficiency	100-120pcs per hour
Length of board	200-2800mm
Width of board	50-1200mm
Thickness of board	12-40mm
X/Y/Z MAX.Speed	120/80/30m/min

Power of main shaft	9KW+3.5KW
Speed of main shaft	18000rpm
Upper vertical drill	12pcs
Upper horizontal drill	X: 2*2+ Y: 2*2
Bottom vertical drill	10 pcs
Size L*W*H	5500 × 3500 × 2150mm



10 Lines CNC Drilling Machine

RMZ-C10L



Feeding belt



Control panel



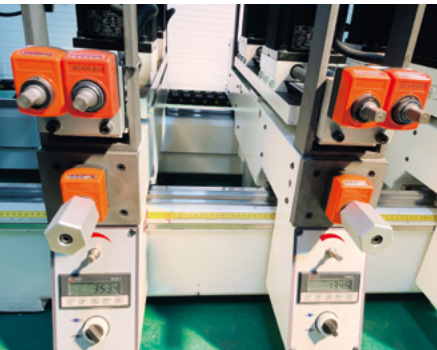
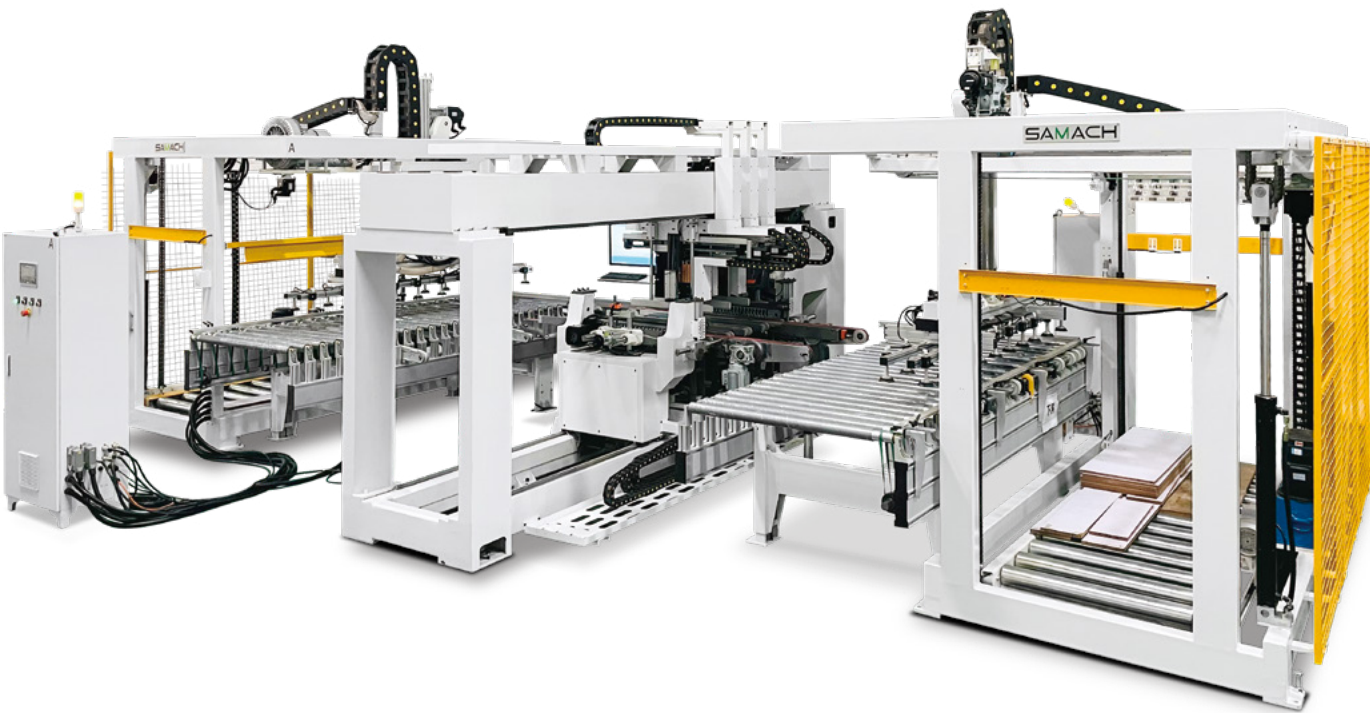
Drilling units

Model	RMZ-C10L
Upper drill pack	(5V + 4H)*3 unit
Bottom drill pack	(11V+11V)*5unit
Horizontal drill pack	22H*2 unit (left and right)
Max work dia.	φ 35mm
Drill bit install dia.	φ 10
Panel width	100mm-750mm

Panel length	400mm-2500mm
Panel thickness	9-50mm
Worktable height	950mm
Total power	32.5kw
Air pressure	0.6-0.8Mpa
Net weight	4500kg
Size	4550*2850*2550mm

10 Lines CNC Drilling Line

RMZ-C10Line



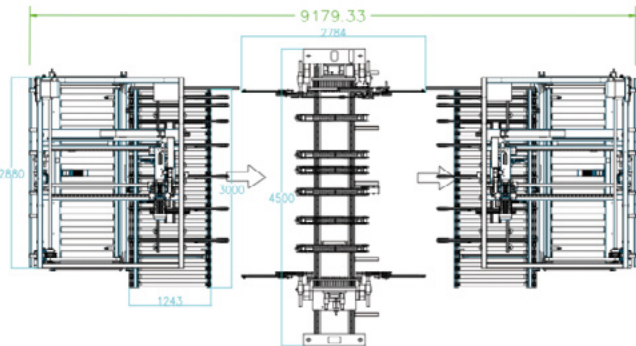
Digital readout



CNC drilling unit

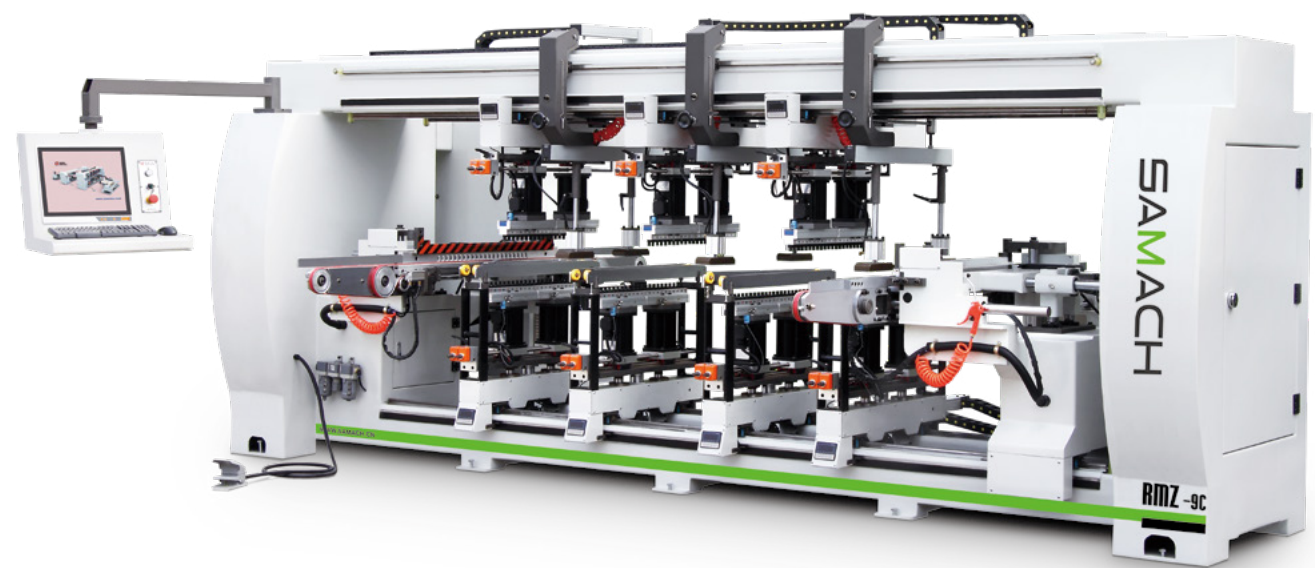


Upper drilling unit



CNC 7/9 Lines Drilling Machine

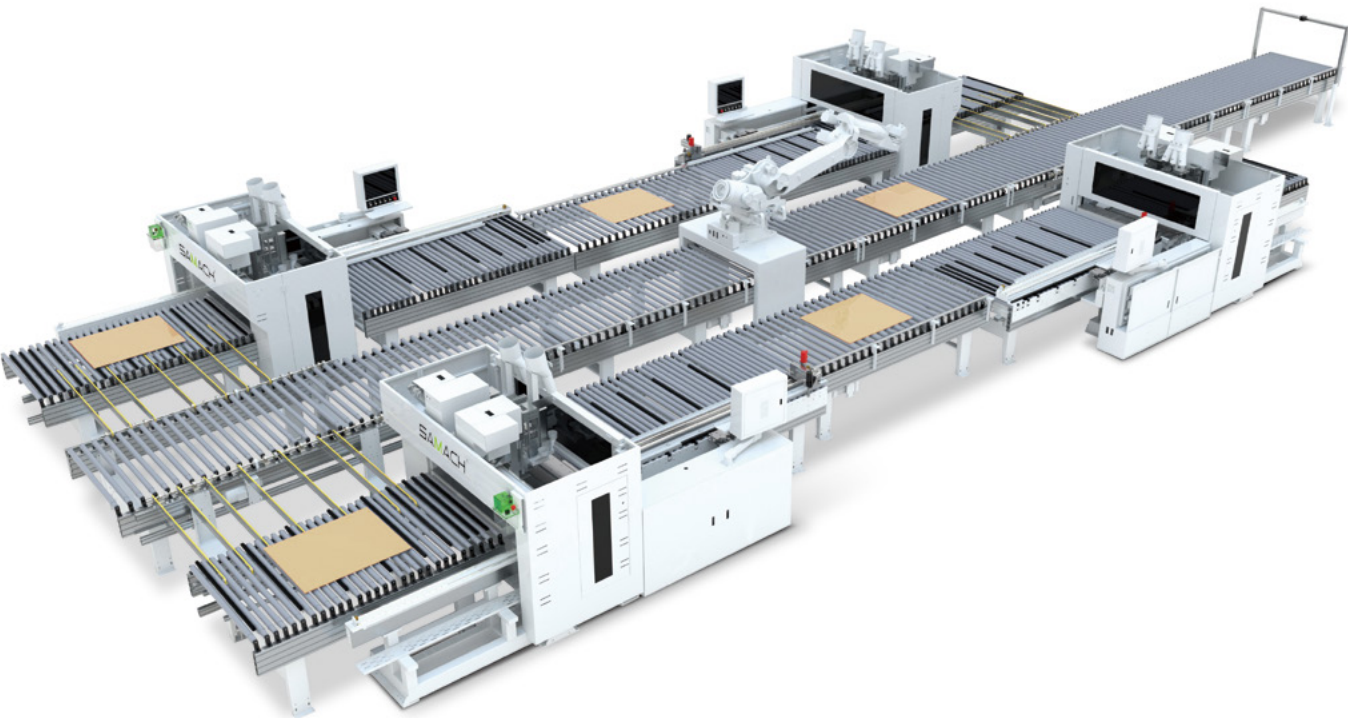
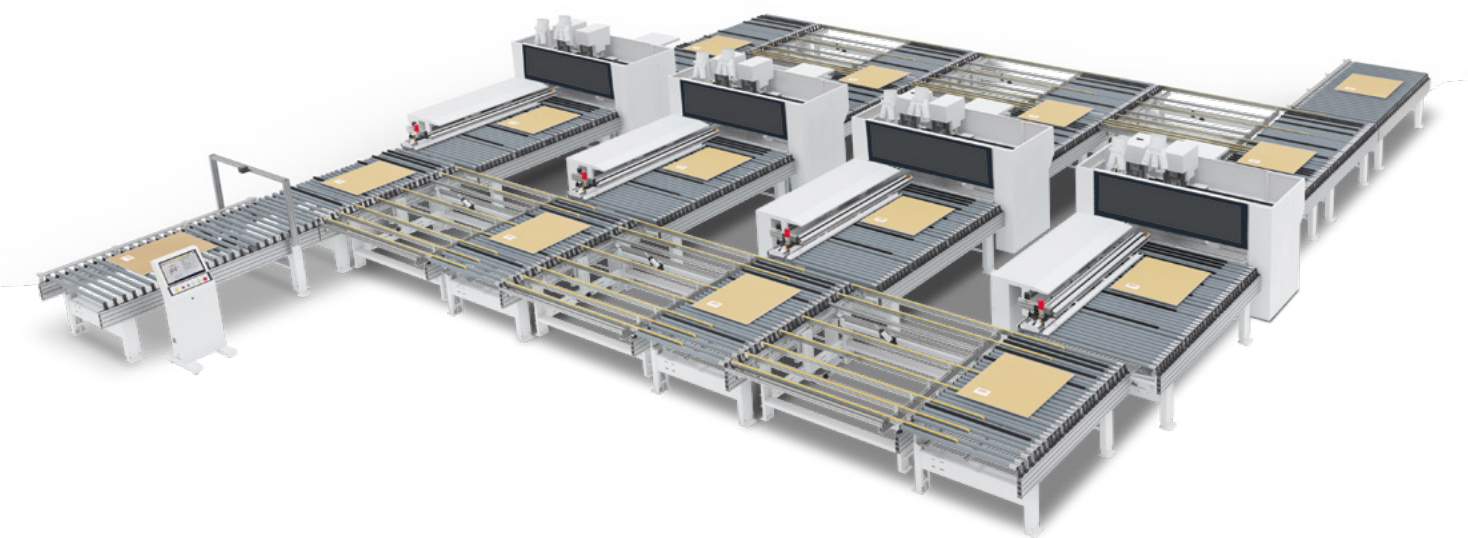
RMZ-9C



Model	RMZ-7C	RMZ-9C
Max. center distance between holes	L*W=2450mm*672mm	L*W=2450mm*672mm
Min. center distance between holes	L*W=300mm*32mm	L*W=300mm*32mm
Workpiece thickness	8-50mm	8-50mm
Total quantity of spindles	22*2+11*10=154	22*2+11*14=198
Total quantity of drill lines	5+2=7	4+2+3=9
Max. drilling diameter	35mm(single bit) 13mm(multi bits)	
Max. drilling depth	50mm	50mm
Spindle speed	2840rpm	2840rpm
Processing speed	13-16pcs/min	13-16pcs/min
Total power	19.1kw	20.1kw
Net weight	4500kg	4500kg
Overall dimensions	5000*2250*2200mm	5000*2250*2200mm

CNC 6 Sides Drilling Line

RMZ-6B-Line



EDGE BANDING MACHINE

High Speed Edge Banding Machine
RFB865

Double Sided Edge Banding
Machine RFB56JCF-II

J/C Shaped Edge Banding Machine
RFB-18J/18C/18JCX

Automatic Inclination Edge
Banding Machine RFB765/765J/765JC/765H

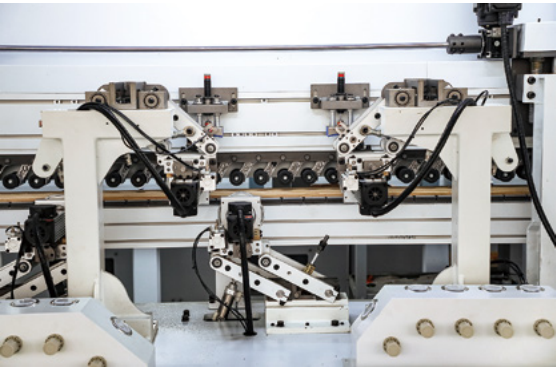
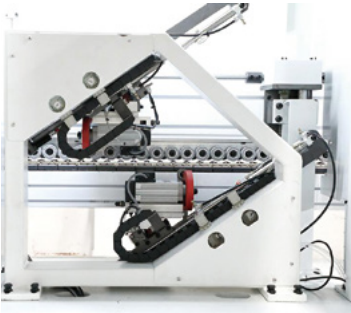
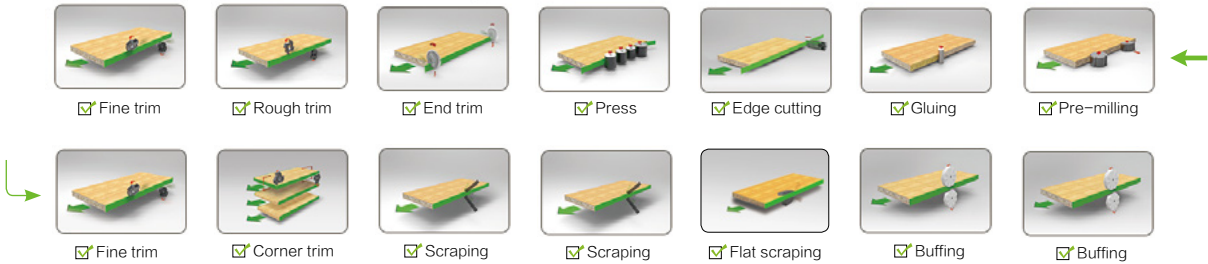
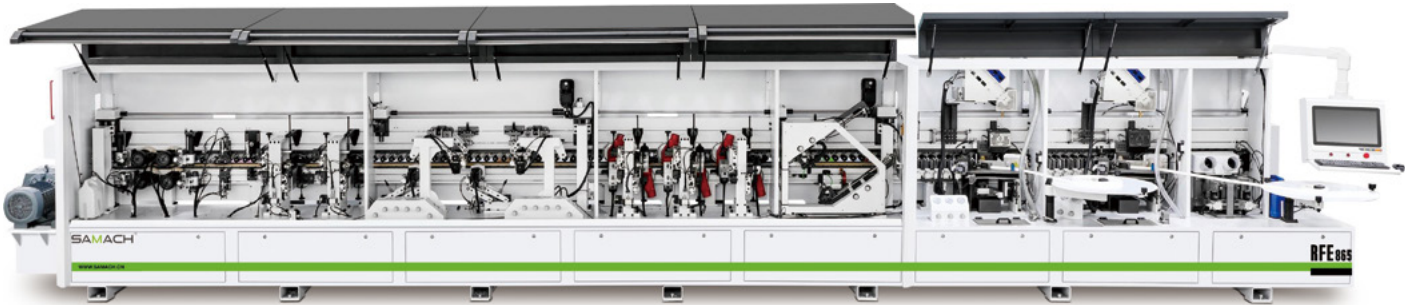
Automatic Edge Banding Machine
RFB465/565/565JC/565JC-PUR

Automatic Edge Banding Machine RE-S1/S2/S3/S4

Automatic Edge Banding Line

High Speed Edge Banding Machine

RFB865



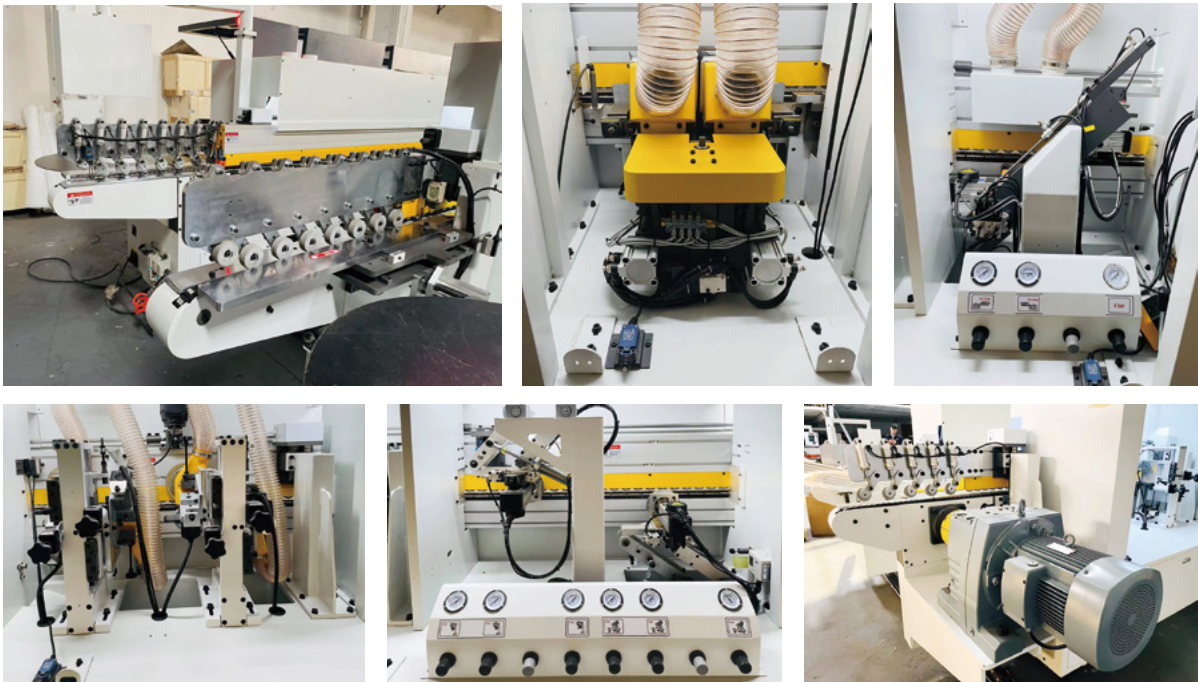
Model	RFE865
Feeding speed	15-26m/min
Thickness of edgeband	0.4-3mm
Thickness of panel	10-60mm
Length of panel	≥ 80mm
Width of panel	≥ 60mm
Working pressure	0.6Mpa
Total power	29KW
Overall size	10500*1100*1750mm

Double Sided Edge Banding Machine

RFB56JCF-II

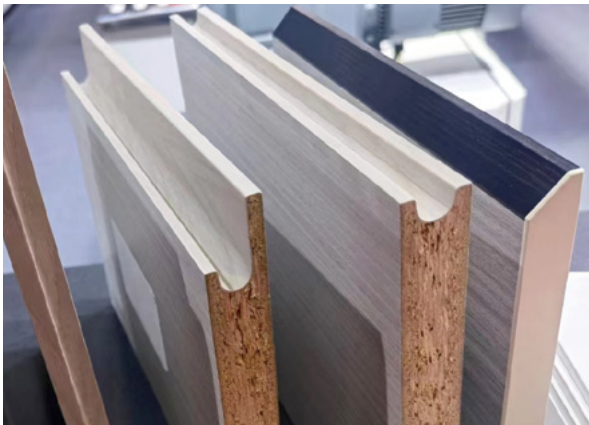
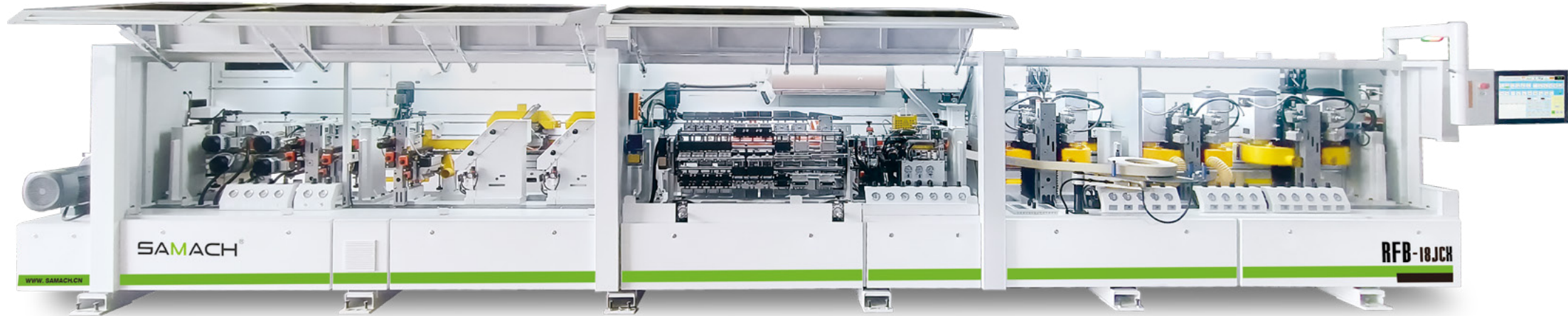
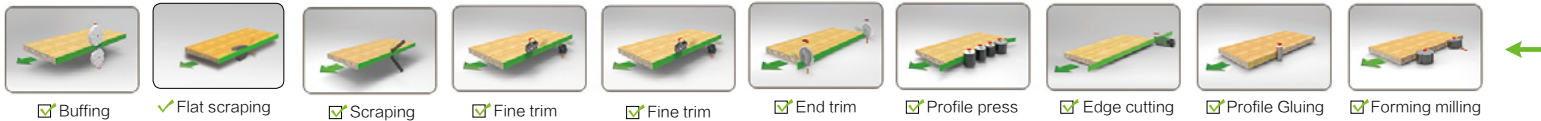
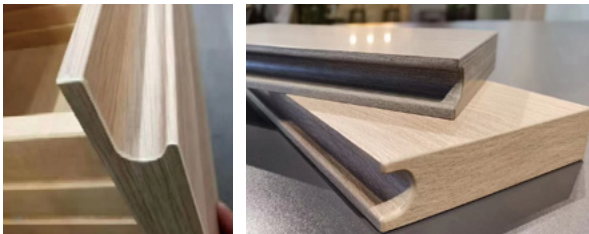


Model	RFB565JCF-II
Panel length	≥ 120mm
Panel width	≥ 60mm
Panel thickness	10-60mm
PVC tape thickness	0.3-3mm
Feeding speed	18-22m/min
Air pressure	0.6Mpa
Total power	44kw
Machine size	8400*4550*2000mm

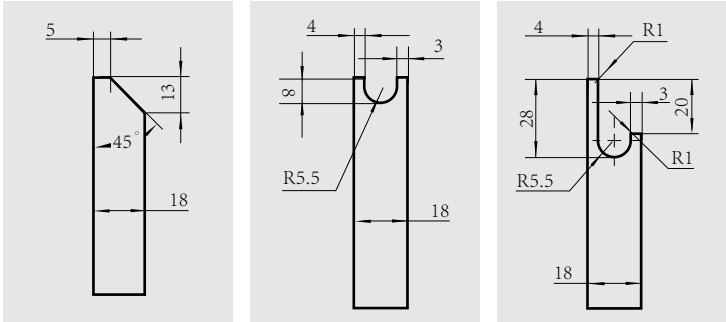


J/C Shaped Edge Banding Machine

RFB-18J/18C/18JCX



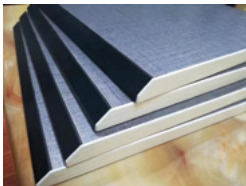
Model	RFB-18J/18C
Panel Thickness(J shaped)	18MM
Min. panel size(J shaped)	≥ 250X150mm
Edge thickness	0.51-0.55MM
PVC	Matt type
Feed speed	13m/min
Total power	46kw
Size	8050*1000*2150mm



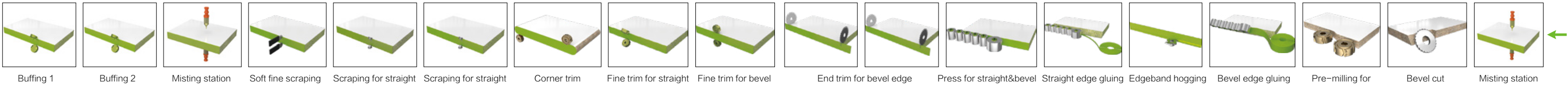
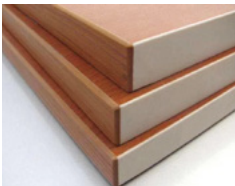
Model	RFB-18JCX	Remark
Working Pressure	0.6Mpa	
Total power	74kw	
Feed speed	13m/min	
Electric lifting	0.37kw*2	
Panel Thickness	18mm、22mm、25mm	For J/C shape
	15-25mm (Angle: 45° ,straight edge 5mm)	Inclination edge
Min panel size(L*W)	≥ 250 × 150mm	J、C、45°
Edge tape thickness	0.52-0.55mm	18/22/25mm J、C、 shape
	0.8-1.5mm	45° inclination

Automatic Inclination Edge Banding Machine

RFB-765H



ONE BUTTON SHIFT



RFB-765JC RFB765H-end trim-industrial computer



RFB-765C RFB765JC-Premilling



RFB-765 RFB765C-Corner trim



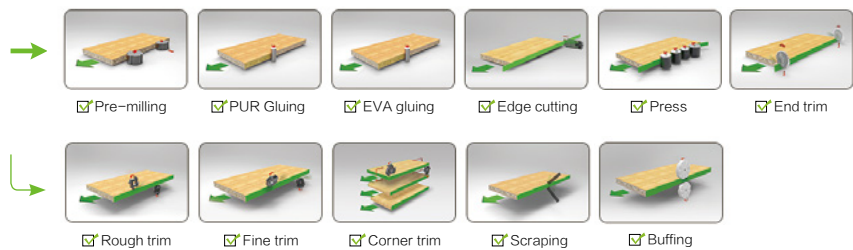
Model	RFB-765H	RFB-765JC	RFB-765C	RFB-765
Panel length	Inclined Straight:>250mm Straight: ≥ 120mm			
Panel width	Inclined Straight:>250mm Straight: ≥ 120mm			
Panel thickness	Inclined Straight:15-25mm Straight: 9-50mm Straight reserved: >5mm			
Edge band thickness	Inclined Straight: 0.6-1.5mm Straight: 0.4-3mm			
Total power	39kw	32.5kw	21.7kw	16kw

Automatic Edge Banding Machine

RFB565JC-PUR



Model	RFB565JC-PUR
Panel length	≥ 120mm
Panel width	≥ 60mm
Panel thickness	10-60mm
Edgeband thickness	0.4-3mm
Total power	18kw



RFB565JC



Model	RFB565JC
Edge band thickness	0.4 – 3 mm
Min. length of panel	150mm
Total power	17.2kw
Panel thickness	10 –60 mm
Min. width of panel	60 mm

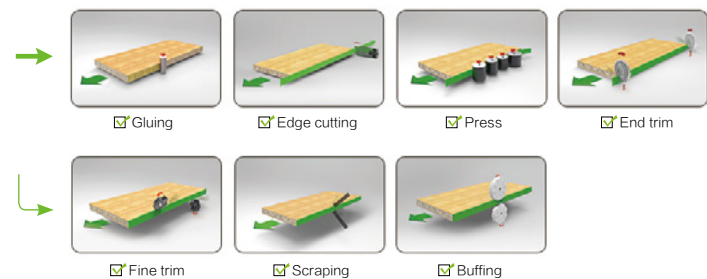


Automatic Edge Banding Machine

RFB465



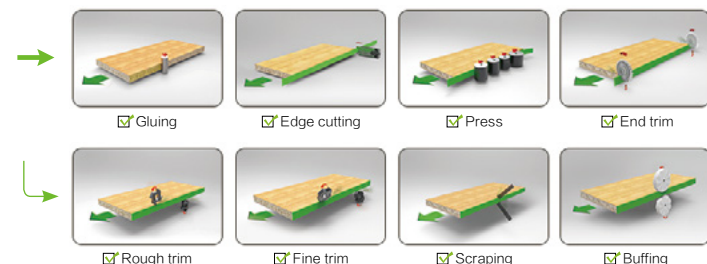
Model	RFB465
Panel length	≥ 120mm
Panel width	≥ 60mm
Panel thickness	10-60mm
Edgeband thickness	0.4-3mm
Total power	8.5kw



RFB565



Model	RFB565
Panel length	≥ 120mm
Panel width	≥ 60mm
Panel thickness	10-60mm
Edgeband thickness	0.4-3mm
Total power	9.5kw

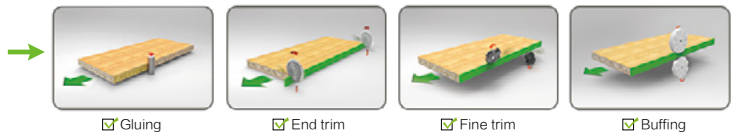


Automatic Edge Banding Machine

RE-S1



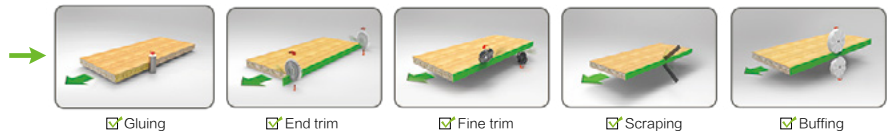
Model	RE-S1
Total power	6 kw
Air pressure	0.6-0.8Mpa
Edgeband thickness	0.4-2mm
Panel thickness	10-40mm
Overall size	2300*600*1170mm



RE-S2



Model	RE-S2
Total power	6 kw
Air pressure	0.6-0.8Mpa
Edgeband thickness	0.4-2mm
Panel thickness	10-40 mm
Wooden package size	2800x700x1170mm

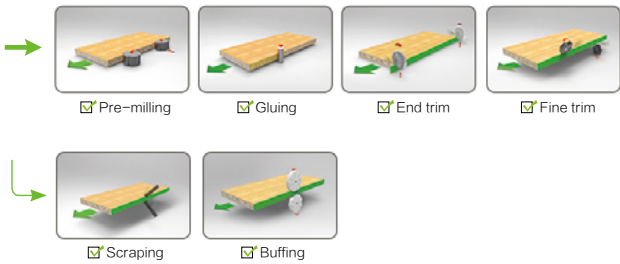


Automatic Edge Banding Machine

RE-S3



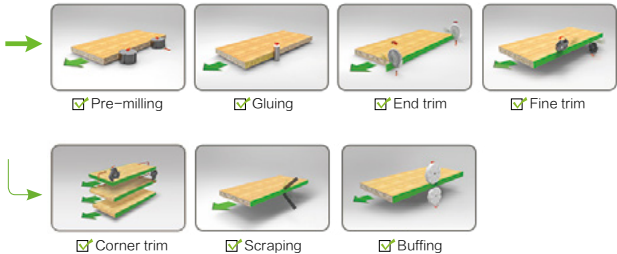
Model	RE-S3
Total power	9.6 kw
Air pressure	0.6-0.8Mpa
Edgeband thickness	0.4-2mm
Panel thickness	10-40 mm
Overall size	4100x700x1170mm



RE-S4

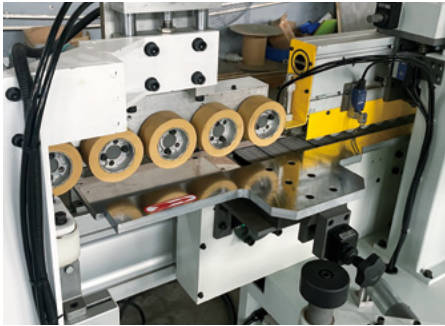
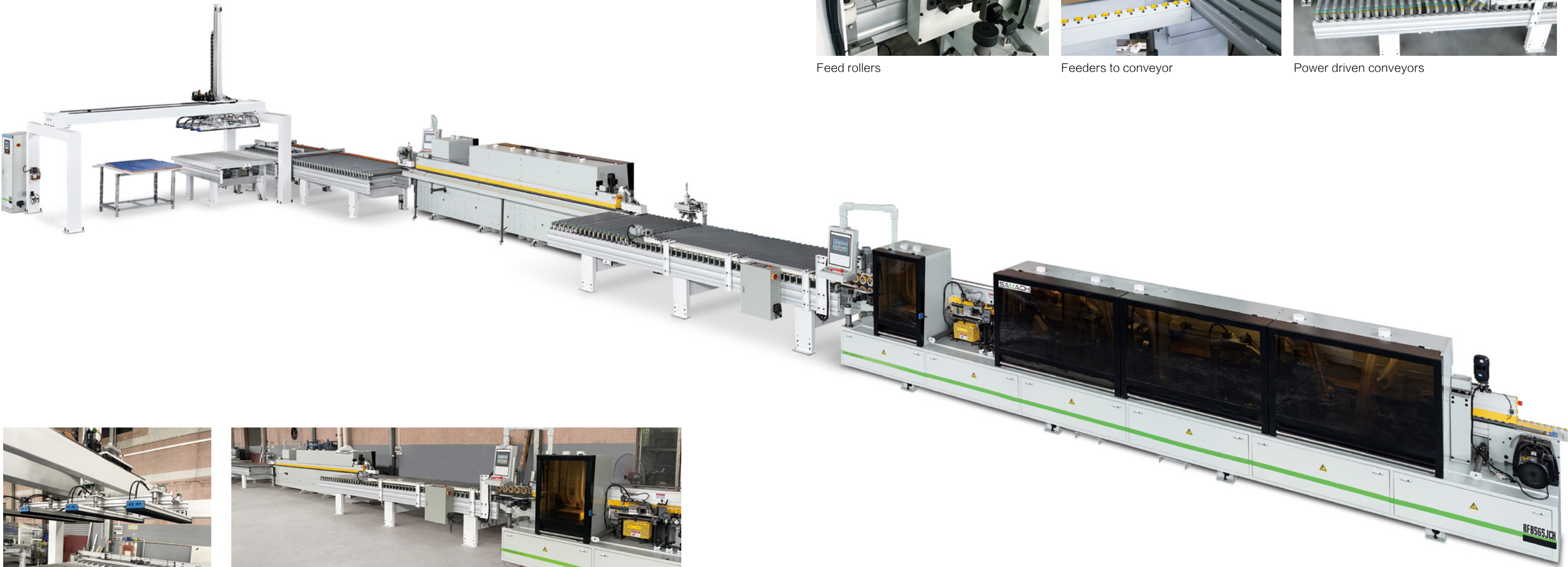


Model	RE-S4
Total power	11.1 kw
Air pressure	0.6-0.8Mpa
Edgeband thickness	0.4-2mm
Panel thickness	10-40 mm
Overall size	5100x700x1170mm



Automatic Edge Banding Line

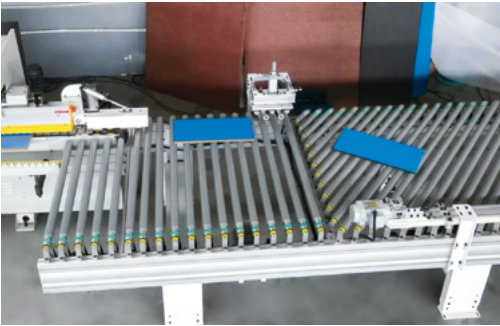
RFL565



Feed rollers



Feeders to conveyor



Power driven conveyors



Automatic split plate conveyor



Feeders to edgebander

Model	RFL565
Panel length	≥ 300mm
Panel width	≥ 60mm
Panel thickness	10-60mm
Edgeband thickness	0.3-3mm
Feeding speed	13-22m/min
Total power	17.2KW
Required air pressure	0.6Mpa
Overall dimensions(L*W*H)	6700*900*1560mm

Model	Gantry loading
Beam length	3500mm
Power	4KW (2KW lift+1.5KW translation)
Loading weight	50KG
Loading and unloading speed	3~4 times/minute

Model	Power-driven conveyor
Size	1500*3000mm
Roll surface size	1280mm
Diameter of roller barrel	56mm (3mm Rubber roller)

