

### SM-CR2020

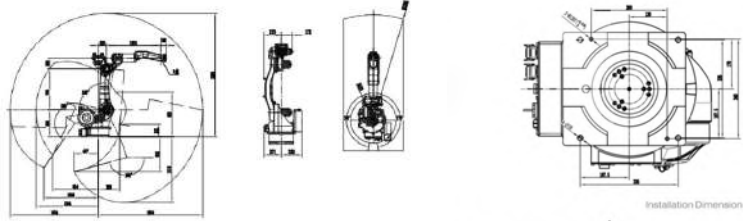
Collaborative Robot



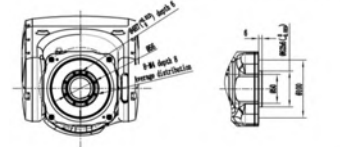
Type	C3	C5	C5-L	C10	C15
Weight	17 Kg	23 Kg	24 Kg	40 Kg	45 Kg
Payload	3 Kg	5 Kg	3.5 Kg	10 Kg	15 Kg
Reach	590 mm	800 mm	950 mm	1000 mm	700 mm
Power	100W in typical cycle	180W in typical cycle		350W in typical cycle	450W in typical cycle
Joint range	±360°				
Joint speed	J1-J4 180°/S J5-J6 200°/S	J1-J4 180°/S J5-J6 200°/S	J1-J4 180°/S J5-J6 200°/S	J1-J2 120°/S J3-J4 135°/S J5-J6 180°/S	J1-J2 120°/S J3-J4 135°/S J5-J6 180°/S
Tool speed	2m/s				
Repeatability	±0.05mm/±0.03mm(under normal conditions)				
Degree of freedom	6				
Control box size	536*445*319mm				
End I/O port	Digital input : 3, digital output : 3, analog input: 2				
Control box I/O port	Digital input : 16, digital output : 16, analog input:2, analog output : 2				
I/O source	24V 2A				
Communication	TCP/IP/MODBUS				
Programming	Graphical programming,remote process call				
IP classification	IP54/IP66				
Collaborative operation	10 advanced configurations for safety				
Main material	Aluminum alloy				
Working temperature	0-50°C				
Power input	200-240V AC,50-60Hz				
Cable	Cable to connect the control box: 5m, cable to connect teach pendant: 5m				

### SM-R1020W2020

Industrial Robot



Motion Range Diagram

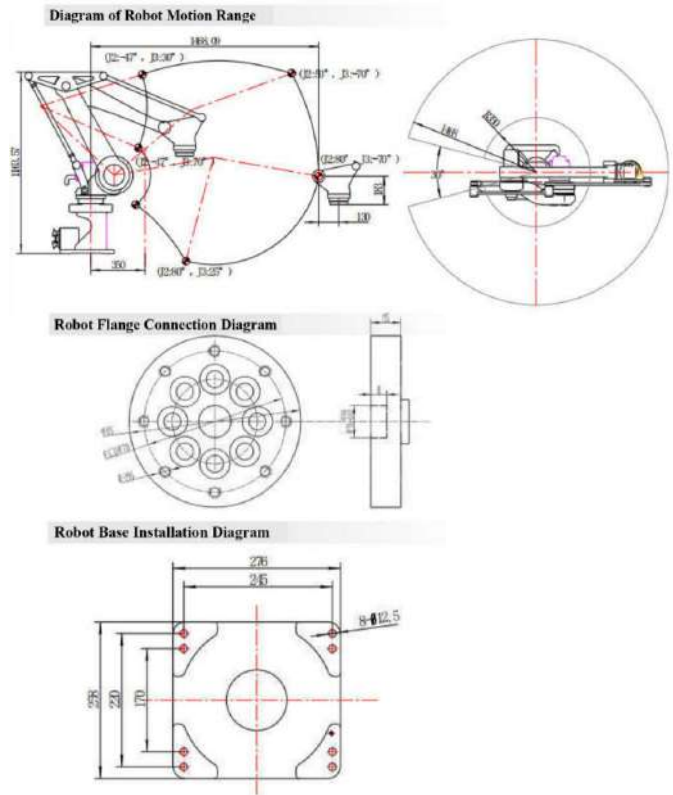


Installation Interface Diagram

Arm form	Vertical multiple joints	
Degree of freedom	6 axis	
Maximum payload	10 Kg	
Maximum travel	axis 1	Ground/upside down mounting -167° ~167°, wall mounting -30° ~30°
	axis 2	0° ~ 175°
	axis 3	-80° ~ 150°
	axis 4	-190° ~ 190°
	axis 5	-105° ~ 130°
	axis 6	-210° ~ 210°
Maximum speed	axis 1	159° / S
	axis 2	159° / S
	axis 3	169° / S
	axis 4	280° / S
	axis 5	240° / S
	axis 6	483° / S
Allowable torque	axis 4	24 N.m
	axis 5	24 N.m
	axis 6	14 N.m
Allowable moment of inertia	axis 4	1.4 Kg.m <sup>2</sup>
	axis 5	1.4 Kg.m <sup>2</sup>
	axis 6	0.5 Kg.m <sup>2</sup>
Repeated positioning accuracy	±0.08 mm	
Maximum reaching distance	1920 mm	
Robot body weight	288 Kg	
Installation mode	Ground or upside down mounting	
Installation environment	ambient temperature	0 ~ 45°
	relative humidity	20 ~ 80% (No condensation)
	vibration	Under 0.5 G
	Others	Robot installation must be away from: Flammable or corrosive liquids or gases, electrical sources of interference
IP level	Body IP54, wrist IP67	
Advance features	Compact structure, high speed, high precision, high expansibility and easy operation	
Application	Welding, cutting, assembly, handling, marking, grinding	

### SM-HR15002020

Handling Robot



Payload	20 Kg	
Reach	1500 mm	
Structure	Articulated	
Number of axes	4	
Repeatability	±0.05 mm	
Max. motion range	Axis 1	±165°
	Axis 2	+90/-25°
	Axis 3	+35°/-90°
	Axis 4	±360°
	Axis 5	-----
	Axis 6	-----
Max speed	Axis 1	148°/sec
	Axis 2	148°/sec
	Axis 3	150°/sec
	Axis 4	360°/sec
	Axis 5	-----
	Axis 6	-----
Weight	≈110 Kg	
Mounting type	Horizontal	
Ambient temperature	-20°C ~ 80°C	

### SM2020-01L

Automatic reciprocating incising saw(Rear Loading)



Swiss high precision servo motor, ensure precision  $\pm 0.1$  mm



Air floating platform



Hydraulic rear loading system



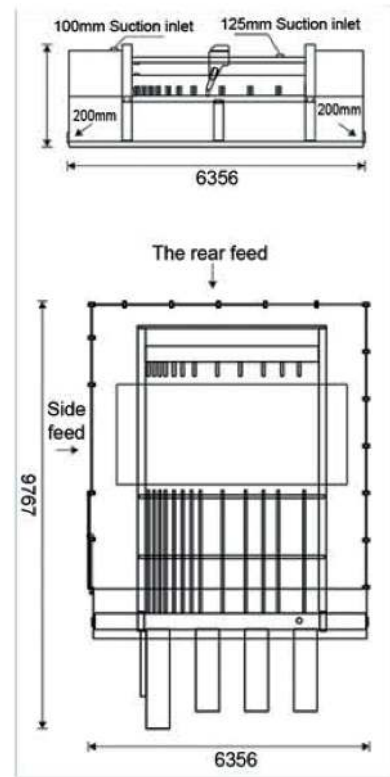
Side alignment



Operation system



Gripper system move vertically



Max. working size	3800*4000*120mm
Cutting speed	85m/min
Max. pusher speed	85m/min
Main saw blade	$\varnothing 450*60$ mm
Scoring saw blade	$\varnothing 200*30$ mm
Main saw motor	18.5 kw
Scoring saw motor	1.5 kw
Pusher servo motor	2 kw
Saw carriage servo motor	2 kw
Hydraulic motor	2.2 kw
Air pressure	0.6 Mpa
Banked up high	550 mm
Rear table loading capacity	4500 kgs
Mini&last size for gripper	34*45 mm(L*W)
Outline size	9767*6356*1890 mm
Weight	10450 kgs

### SM2020-02

Automatic reciprocating incising saw



Updated PLC control screen  
Program from Italy with  
Optimized Layout Function



Italy Rack and Pinion  
Japan Mitsubishi Servo motor



Pneumatic feeding system

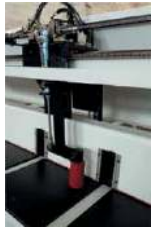


Option: New PLC control

Max. sawing length	3150/4300mm
Max. sawing thickness	120mm
Main saw blade	ø400*60mm
Revolving speed of main saw	4260r/min
Scoring saw blade	ø180*30mm
Revolving speed of scoring saw	7000r/min
Cutting speed	6-50m/min
Returning speed	<50m/min
Main saw motor	15 kw
Scoring saw motor	2.2 kw
Turbine reducer	1.5 kw
Servo motor	3.5 kw
Total power	26.46 kw
Air pressure	0.6-0.8 Mpa
Outline size	5540/6690*6245*1940mm
Weight	5000/5800 kgs

### SM2020-03

Automatic reciprocating incising saw



Max. sawing length	2700/3300/4500mm
Max. sawing thickness	80 mm
Main saw blade	ø355*30mm
Revolving speed of main saw	4800r/min
Scoring saw blade	ø180*30mm
Revolving speed of scoring saw	6100r/min
Cutting speed	5-60m/min
Returning speed	30m/min
Main saw motor	15 kw
Scoring saw motor	/
Turbine reducer	1.0 kw
Servo motor	1.0/1.5 kw
Total power	17.0/17.5 kw
Air pressure	0.6-0.8Mpa
Outline size	5300/5800/7100*5550*1700mm
Weight	4500/5000/5800 kgs









## SM-ACSDCM2020

Auto-cross set door cutting machine



Max. working length	2800 mm
Max. working width	1100 mm
Min. working width	500 mm
Max. working thickness	60 mm (solid wood)
	50 mm (Veneered)
Main saw motor power	5.5*kw *2
Scoring saw motor power	1.5kw*2
Boring motor power	1.1 kw
X axis max. working speed	20m/min
Y axis max. working speed	20m/min
Main saw blade dia.	D250 mm - D30 mm
Secondary saw blade dia.	D80 mm - D22 mm
Vacuum pump power	7.5 kw*2
Max. flow	580 m <sup>3</sup>
Max. load	340 mbar
Total power	36.64 kw
Compressed air pressure	0.5 - 0.7 MPa
Outline size	4600*2800*2300 mm
Height of the working table	950 mm
Weight	3300 kg

### SM-AEB2020.1

Automatic Edge bander



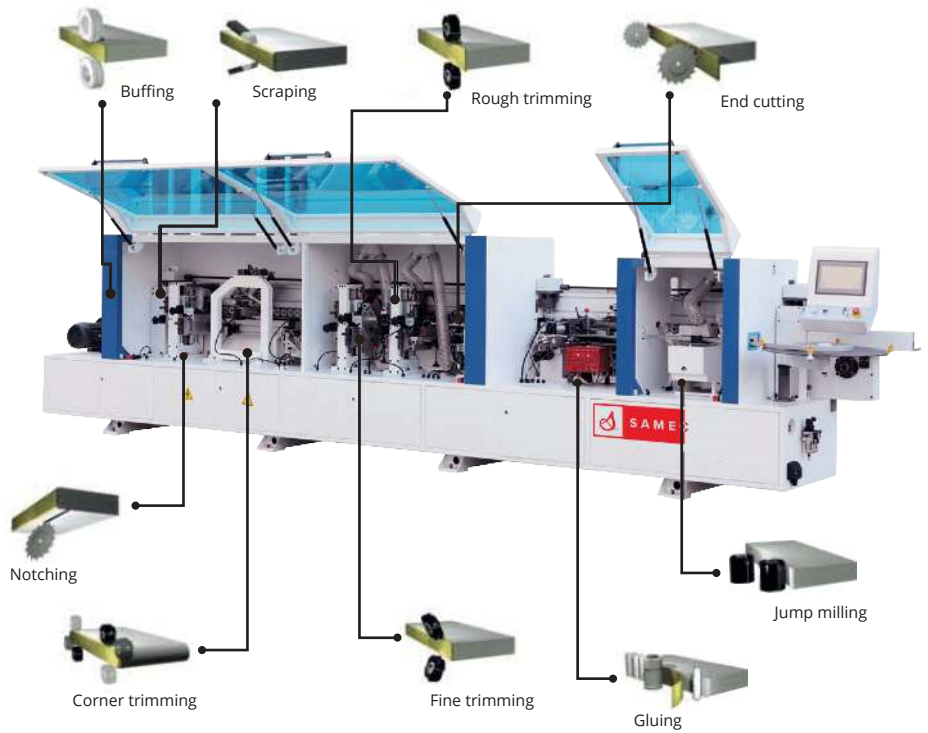
### SM-AEB2020.2

Automatic Edge bander



### SM-AEB2020.3

Automatic Edge bander



MODEL	JUMP MILLING	GLUING	END CUTTING	ROUGH TRIMMING	FINE TRIMMING	CORNER TRIMMING	SCRAPING	BUFFING	NOTCHING
SM-AEB2020.3H	●	●	●		●	●	●	●	●
SM-AEB2020.3F	●	●	●		●	●	●	●	
SM-AEB2020.3	●	●	●		●	●	●	●	
SM-AEB2020.2B		●	●		●	●	●	●	
SM-AEB2020.2A	●	●	●	●	●		●	●	
SM-AEB2020.2		●	●	●	●		●	●	
SM-AEB2020.2R		●	●	●	●	●	●	●	
SM-AEB2020.1		●	●		●		●	●	
	PANEL THICKNESS	PANEL WIDTH	PANEL LENGTH	PVC EDGE THICKNESS	FEEDING SPEED	AIR PRESSURE	TOTAL POWER	OUTLINE SIZE(m)	NET WEIGHT
SM-AEB2020.3H	10 - 60 mm	≥80 mm	≥260 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	16.19 kw	6.8*0.9*1.6	2500 kgs
SM-AEB2020.3F	10 - 60 mm	≥80 mm	≥260 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	14.69 kw	6.6*0.9*1.6	2300 kgs
SM-AEB2020.3	10 - 60 mm	≥80 mm	≥260 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	14.69 kw	6.2*0.9*1.6	2300 kgs
SM-AEB2020.2B	10 - 60 mm	≥80 mm	≥80 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	9.59 kw	5.4*0.9*1.6	2000 kgs
SM-AEB2020.2A	10 - 60 mm	≥80 mm	≥260 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	14.65 kw	5.0*0.9*1.6	1900 kgs
SM-AEB2020.2	10 - 60 mm	≥80 mm	≥80 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	12.27 kw	4.7*0.9*1.6	1850 kgs
SM-AEB2020.2R	10 - 60 mm	≥80 mm	≥160 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	11.09 kw	5.9*0.9*1.6	2200 kgs
SM-AEB2020.1	10 - 60 mm	≥80 mm	≥160 mm	0.3 - 3 mm	0 - 26 m/min	0.7 mpa	8.85 kw	4.4*0.9*1.6	1500 kgs









### **SM-ALC2020**

Auto log conveyor



Log length	1500 - 4000 mm
Log dia.	ø150 - 400 mm
Feeding speed	8 - 15m/min
Motor power	5.2 kw
Outline size	2800*5000*1400 mm
Weight	2200 kgs



### **SM-ALCOS2020**

Auto log cutting off saw



Saw blade size	ø750*40 mm
Working length	600-2000 mm
Working dia.	ø100-300 mm
Motor power	9 kw
Outline size	6050*1750*1900
Weight	1200 kgs







### SM-CM2020A

Combination machine



Max. cross-cut width	2270 mm
Cut. width between blade and rip fence	730 mm
Saw blade	300 mm
Tilting saw blade	0°-45°
Height of cut	100 mm
Height of cut with saw blade at 45°	75 mm
Ranges of thicknessing	4~220 mm
Spindle speed	2000/3100/4400/7000 rpm
Spindle Dia.	30 mm
Suction dust hood	Planing /Thicknessing: 120 mm Sawing/Milling: 100 mm
Spindle: useful length	105 mm
Max. drilling Dia.	16 mm
Total motor power	3.0 kw*3
Weight	645/720 kgs
Packing size	2100*1500*1050 2600*350*220 mm

## SM-CM2020B

Combination machine



Max. cross-cut width	2200 mm
Cut. width between blade and rip fence	880 mm
Saw blade	305 mm
Tilting saw blade	0°-45°
Height of cut	90 mm
Height of cut with saw blade at 45°	45 mm
Ranges of thicknessing	6~240 mm
Spindle speed	1750/3500/6700 rpm
Spindle Dia.	30 mm
Suction dust hood	Planing /Thicknessing: 120 mm Sawing/Milling: 100 mm
Spindle: useful length	85 mm
Max. drilling Dia.	16 mm
Total motor power	3.0+2.2*2 kw
Weight	780 kgs
Packing size	2150*1560*1050 2700*350*220 mm



### SM-CNCBS2020

CNC band saw

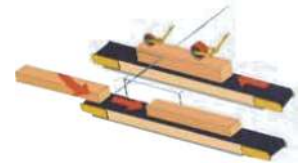


Max. size of workpiece	1220*2500 mm
Max. working thickness	250 mm
Saw wheel dia	ø800 mm
Saw length	5207*19 mm
Min. cutting radius	R80&R95 mm
Saw table jaws depth	760 mm
Saw tilting	±90°
X-Axis motor	15n/m
Y-Axis motor	10n/m
Z-Axis motor	6n/m
Main spindle motor	5.5 kw
X-Axis max. speed	40m/min
Y-Axis max. speed	40m/min
Z-Axis max. speed	180°/sec. 3
Processing speed	1-25/min
Return speed	6-50m/min
Air pressure	0.6-0.8 Mpa
Weight	3000 kgs
Outline size	1800*1620*2420 mm
	3990*2310*1500 mm

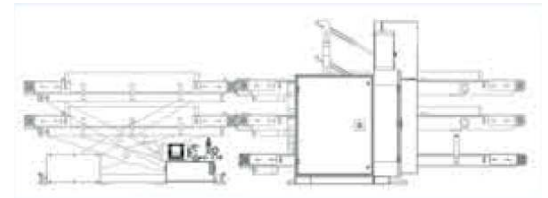


### SM-CNCHBS2020A

CNC horizontal band saw



Feeding back: Automatic



Max working size	400*250 mm
Feeding belt width	375 mm
Saw wheel dia.	ø395 mm
Feeding speed	0-20m/min
Lifting motor	0.55 kw
Hydraulic motor	1.5 kw
Return belt motor	0.55 kw
Feeding motor	1.1 kw
Main motor	22 kw
Sawblade size	6180*30*0.9 mm
Weight	2000 kgs
Outline size	2800*2200*1670 mm

## SM-CNCHBS2020B

Horizontal band saw



Feeding back: Manually

Max working size	400*250 mm
Feeding belt width	375 mm
Saw wheel dia.	ø700 mm
Feeding speed	0-25m/min
Lifting motor	1.5 kw
Hydraulic motor	2.2 kw
Return belt motor	/
Feeding motor	/
Main motor	22 kw
Sawblade size	4572*25.4*0.89 mm
Weight	1900 kgs
Outline size	2820*2160*2280 mm

### **SM-CNCOS2020**

CNC optimizaing saw



Worktable height	910 mm
Main saw power	5.5 kw
Main saw blade speed	4200 rpm
Feeding speed	300m/min
Max. Saw blade dia.	400 mm
Saw aperture	30 mm
Min. size of raw material	300*30*10 mm
Min. cutting length(end)	150 mm
Cutting precision in 1 meter	±1 mm
Cutting precision in 2 meters	± 2 mm
Maximum cutting section	150*50 mm
Max. feeding width	150*50 mm
Min. cutting section	20 mm
Air pressure	0.6 MPa
Total power	17.05 kw
Suction inlet dia	100 mm
Outline size	5800*1200*1580 mm
Weight	1500 kgs

## SM-CNCPCS2020

CNC precision cutting saw



Worktable height	860 mm
Main saw power	3.7 kw
Main saw blade speed	6000 rpm
Feeding speed	20m/min
Max. Saw blade dia.	350 mm
Saw aperture	25.4 mm
Min. size of raw material	300*15*15 mm
Min. cutting length(end)	80 mm
Cutting precision in 1 meter	± 0.15 mm
Cutting precision in 2 meters	± 0.30 mm
Maximum cutting section	200*50 mm
Max. feeding width	250*20 mm
Min. cutting section	/
Air pressure	0.6 MPa
Total power	4.5 kw
Suction inlet dia	150 mm
Outline size	4600*1200*1400 mm
Weight	800 kgs

## SM-CNCWC32020

Cantilever CNC working center



HSD 9V3H1S boring head



16 disc servo tool holders



HSD 13.2 HSK-F63 Spindle



12 pcs standard suction cup



6 pcs medium suction cup

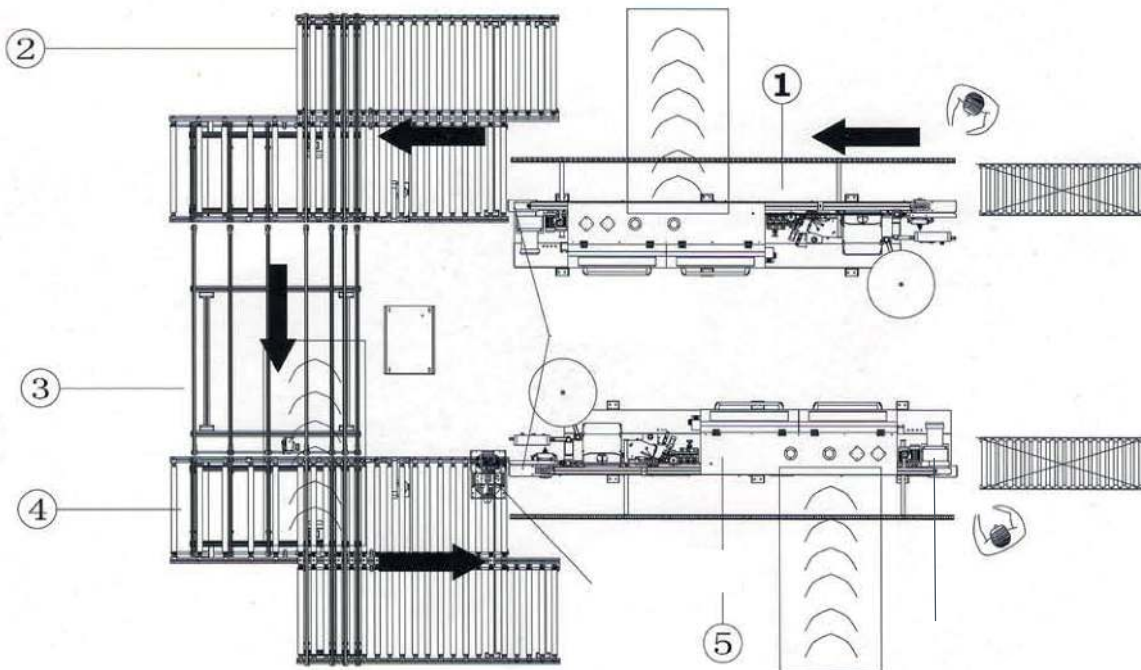
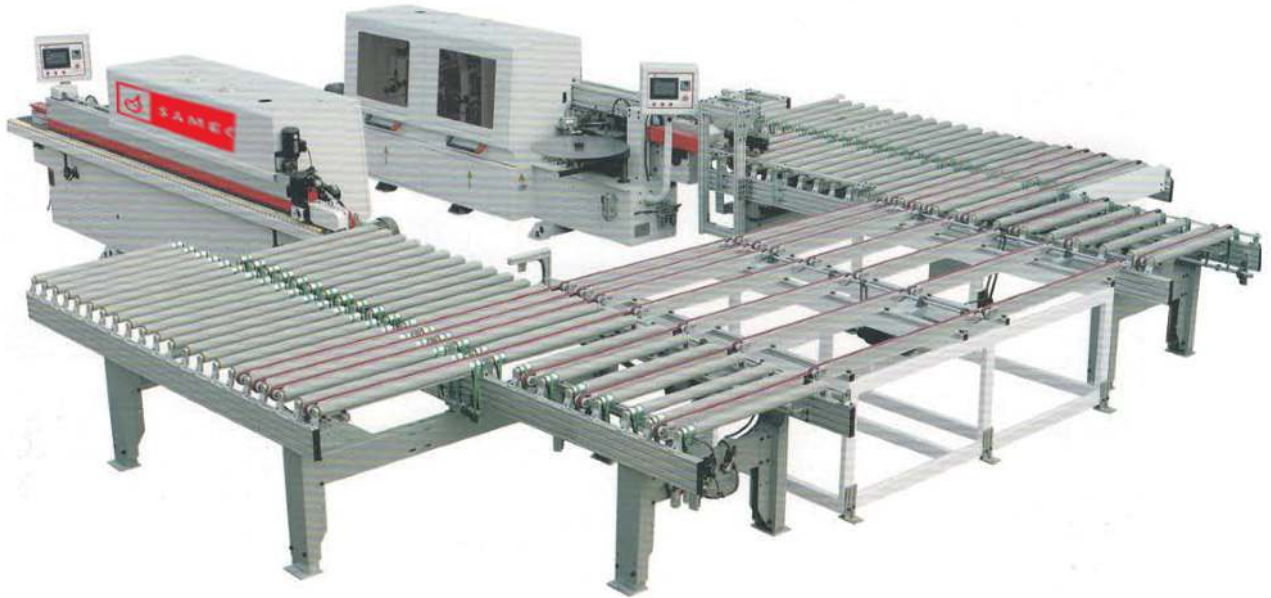


Travelling size	2500*1260*200 mm
Working size	2480*1230*180 mm
Table size	2500*1230 mm
Transmission	X/Y rack and pinion drive, Z ballscrew drive
Table structure	Vacuum table
Spindle power	9.0 kw HSD
Max.spindle speed	2400 r/min
Max.travelling speed	45m/min
Max.working speed	20m/min
Tool magazine	Carousel 8pcs
Driving system	Yaskawa(Japan)
Voltage	AC380V/3PH/50HZ
Controller	Syntec(Taiwan) / OSAI(Italy)



### SM-EBMRL2020A

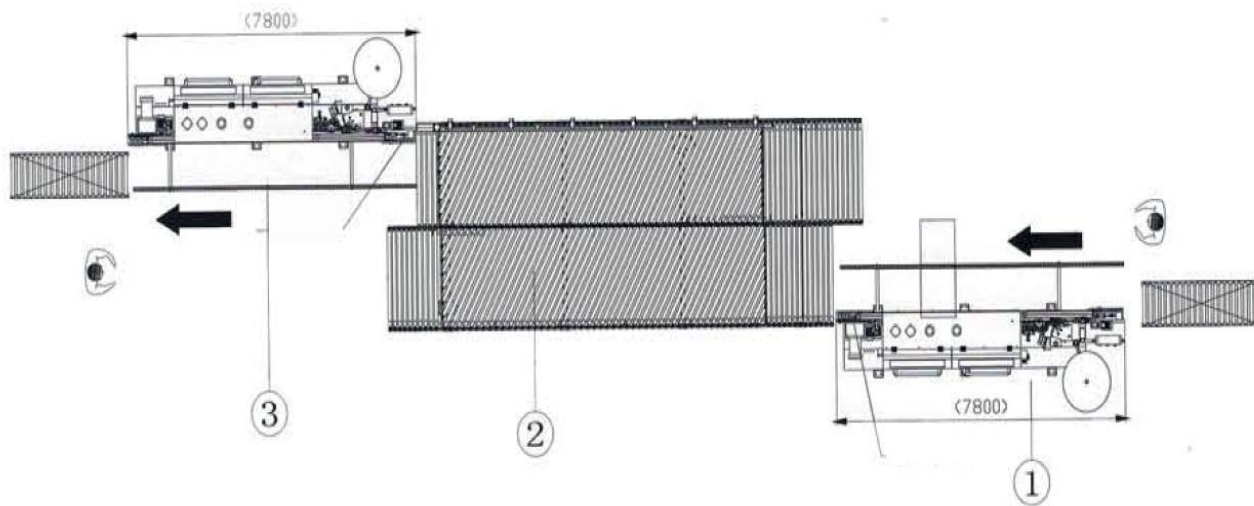
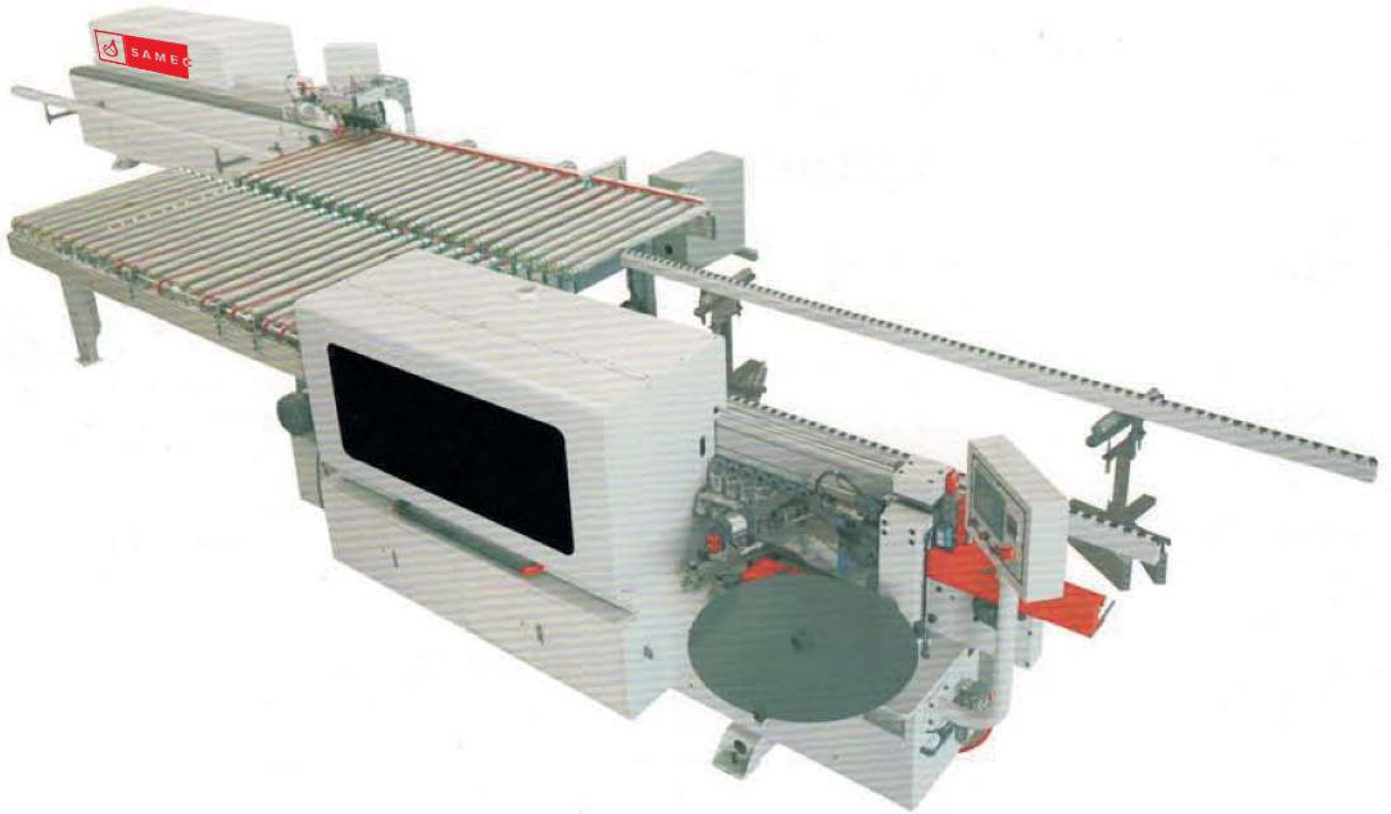
Edge banding machine return line



- 1) Edge bander(left direction) with feeder
- 2) Double powered roller conveyor with translation function
- 3) Translation conveyor
- 4) Double powered roller conveyor with horizontal movement
- 5) Edge bander (left direction) : with feeder

## SM-EBMRL2020B

Edge banding machine return line



- 1) Edge bander with feeder
- 2) Skewed conveyor line
- 3) Edge bander with feeder



### **SM-HCGSM2020C**

Hot & cold glue Sheeting machine(for PVC/Veneer/Paper)



Max. wrapping width	300 mm
Max. processing thickness	120 mm
Wrapping speed	0-25m/min
Total power	11.1 kw(A:5.5 KW B:6.5 KW)
Power of main motor	/
Power of dusting motor	/
Power of PUR glue machine	/
Electrical control manner	/
Outline size of main machine	5900*750*2100 mm
Outline size of glue machine	/
Weight	1300 kgs

### SM-HD42020A

Heavy duty four-side moulder



Option: Feeding table

Working width(mm)		50-330 mm
Working thickness(mm)		8-230 mm
Number of spindles		5
Spindle speed(r/min)		6000
Cutter Dia. (mm)	1°bottom	ø110-145
(min-max)	Right	ø110-200
	Left	ø110-200
	1°top	ø110-200
	2°top	/
	2°bottom	ø110-200
Spindle Dia. (mm)		ø50
Motor power(kw)	1°bottom	11 kw
	Right	7.5 kw
	Left	7.5 kw
	1°top	11 kw
	2°top	/
	2°bottom	11 kw
	Feeding	5.5 kw
	Lifting	1.1 kw
Total motor power(kw)		54.6 kw
Feeding speed(m/min)		5-25
Outline size(mm)		4250*2120*2000
Weight(kgs)		6500

### SM-HD42020B

Heavy duty four-side moulder



Working width(mm)		20-230 mm
Working thickness(mm)		8-160 mm
Number of spindles		6
Spindle speed(r/min)		6000
Cutter Dia. (mm)	1°bottom	ø110-145
(min-max)	Right	ø110-200
	Left	ø110-200
	1°top	ø110-200
	2°top	ø110-200
	2°bottom	ø110-200
Spindle Dia. (mm)		ø40
Motor power(kw)	1°bottom	5.5 kw
	Right	5.5 kw
	Left	5.5 kw
	1°top	7.5 kw
	2°top	5.5
	2°bottom	7.5kw
	Feeding	4.0 kw
	Lifting	1.1 kw
Total motor power(kw)		42.1 kw
Feeding speed(m/min)		6-30
Outline size(mm)		4660*1720*1730
Weight(kgs)		4600









### SM-PLT1

Panel saw 45°(Electric lifting & tilting)



Workpiece length	3050 mm
Main saw blade	ø400*30 mm
Scoring saw blade	ø120*20 mm
Main saw motor	5.5 kw
Scoring saw motor	0.75 kw
Lifting motor	60 w
45°tilting motor	60 w
Total power	6.37 kw
Speed of main saw	3000/4000/5000r/min
Speed of scoring saw	8700r/min
Weight	860 kgs
Packing size	2200*1400*1100 mm
	3400*500*400 mm



## SM-PLT2

Panel saw 45°



Option: Rip fence digital readout



Option: Locking unit



Option: ALTENDORF protection hood

Workpiece length	1600/3200/3800 mm
Main saw blade	ø300*30 mm
Scoring saw blade	ø120*20 mm
Main saw motor	5.5 kw
Scoring saw motor	0.75 kw
Lifting motor	/
45°tilting motor	/
Total power	6.25 kw
Speed of main saw	4000/5000r/min
Speed of scoring saw	8000r/min
Weight	495/685/720 kgs
Packing size	1300/2260/2840/*1120*1150 mm
	1850/3400/4100*340 mm



### SM-PURAPSM2020

PUR Adhesive profile Sheeting machine

For PVC, veneer, paper, PP, PET or PU wrapping on MDF, plastic panel or Aluminum profile



PUR adhesive supply system



Movable stand



PVC film photoelectric correction



Three sides dust cleaning system



Three sides pre-heating system

Max. wrapping width	350 mm
Max. processing thickness	120 mm
Wrapping speed	0-50m/min
Total power	13 kw
Power of main motor	2.2 kw
Power of dusting motor	0.37 kw*3
Power of PUR glue machine	8 kw
Electrical control manner	PLC touching screen
Outline size of main machine	5780*900*1900 mm
Outline size of glue machine	1030*420*1600 mm
Weight	3200 kgs

## SM-RIS2020

Reciprocating incising saw



**OPTION: feeding table**

Max. sawing length	2500-4200 mm
Max. sawing thickness	60 mm
Main saw blade	ø300*30 mm
Revolving speed of main saw	5600r/min
Scoring saw blade	ø130*30 mm
Revolving speed of scoring saw	7200r/min
Cutting speed	5-30m/min
Returning speed	30m/min
Main saw motor	7.5 kw
Scoring saw blade motor	0.75 kw
Turbine reducer	1.1 kw
Total power	10.1 kw
Air pressure	0.6-0.8 Mpa
Outline size	4255-6020*4456*1230mm
Weight	2000-3000 kgs

## **SM-RLMRS2020**

Round long multi-rip saw



Min. working width	120 mm
Max. working width	240 mm
Min. working height	120 mm
Max. working height	220 mm
Min. working length	700 mm
Max. working length	4000 mm
Feeding speed	0-25m/min
Total power	58.65 kw
Outline size	4200*1600*1560 mm
Weight	2376 kgs

### SM-SHCNCDSP

Single-head CNC router(DSP Type)



OPTION: NC-Studio Type

Travelling size	2500*1260*300 mm
Working size	2480*1240*150 mm
Table size	2500*1300 mm
Transmission	XY rack and pinion drive, Z ball screw drive
Table structure	Vacuum table
Spindle power	6.0 kw
Max.spindle speed	18000 r/min
Max.travelling speed	25m/min
Max.working speed	15m/min
Tool magazine	1pc
Driving system	Servo system
Voltage	AC380V/3PH/50HZ
Controller	DSP

## SM-TSMM2020

Table-sliding Milling Machine



Spindle speed	10000, 8000, 6000r/min
Spindle dia.	35mm(option 40 mm)
Max. milling height	130 mm
Sliding table stroke	780 mm
Table size	1130*410 mm
Max. cutter dia.	ø210*80 mm
Motor power	4.0 kw
Sliding table size	1130*260 mm
Outline size	1130*670*1060 mm
Weight	358 kgs









## SM-WR2020A

Wood router



Spindle speed	1500r/min
Max. working thickness	40 mm
Table rise & fall height	130 mm
Throat depth	/
Table size	650*580 mm
Table tilling angle	0-45°
Motor power	2.2kw/380v
Outline size	803*650*910 mm
N.W/G.W	200/230 kgs
Packing size	950*780*1020 mm

### **SM-WR2020B**

Wood router



Spindle speed	1500r/min
Max. working thickness	40 mm
Table rise & fall height	130 mm
Throat depth	710 mm
Table size	650*800 mm
Table tilting angle	0-45°
Motor power	2.2kw/380v
Outline size	1500*800*1350 mm
N.W/G.W	370/400 kgs
Packing size	1672*980*1597 mm

## SM-WR2020C

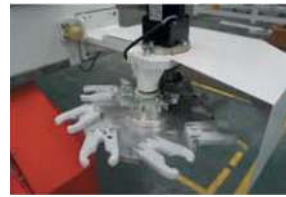
Wood router



Spindle speed	9000/1800r/min
Max. working thickness	80 mm
Table rise & fall height	150 mm
Throat depth	745 mm
Table size	600*800 mm
Table tilling angle	0-45°
Motor power	3kw/380v
Outline size	1740*800*1400 mm
N.W/G.W	480/540 kgs
Packing size	1622*972*1949 mm

### SM-CNC42020

CNC Working center



Travelling size	2500*1260*200 mm
Working size	2480*1230*180 mm
Table size	2500*1230 mm
Transmission	X/Y rack and pinion drive, Z ballscrew drive
Table structure	Vacuum table
Spindle power	9.0 kw HSD
Max.spindle speed	2400 r/min
Max.travelling speed	45m/min
Max.working speed	20m/min
Tool magazine	Carousel 8pcs
Driving system	Yaskawa(Japan)
Voltage	AC380V/3PH/50HZ
Controller	Syntec(Taiwan) / OSAI(Italy)

## SM-CNCWC42020

CNC Working center



Travelling size	2500*1260*200 mm
Working size	2480*1230*180 mm
Table size	2500*1230 mm
Transmission	X/Y rack and pinion drive, Z ballscrew drive
Table structure	Vacuum table
Spindle power	9.0 kw HSD
Max.spindle speed	2400 r/min
Max.travelling speed	45m/min
Max.working speed	20m/min
Tool magazine	Carousel 8pcs
Driving system	Yaskawa(Japan)
Voltage	AC380V/3PH/50HZ
Controller	Syntec(Taiwan) / OSAI(Italy)

### **SM-1HBM2020**

Single-head hinge boring machine



Max. drilling diameter	35 mm
Max. drilling depth	50 mm
Number of drilling shafts	3 pcs
Number of drilling head	1 pc
Total power	1.1 kw
Spindle speed	2840 rpm
Weight	100 kgs
Outline size	780*800*1200 mm



### **SM-2GSM2020**

*Double-side glue smearing machine*



Max. glue spreading width	1300 mm
Max. working thickness	80 mm
Rubber roller diameter	ø185 mm
Glue spreading speed	18 m/min
Total power	2.2 kw
Outline size	2200*900*1250 mm
Weight	600 kgs

### **SM-2HBM2020**

Double-head hinge boring machine



Max. drilling diameter	35 mm
Max. drilling depth	50 mm
Number of drilling shafts	6 pcs
Number of drilling head	2 pcs
Total power	1.1 kw*2
Spindle speed	2840 rpm
Weight	250 kgs
Outline size	1300*1200*1700 mm

### **SM-2RDM2020**

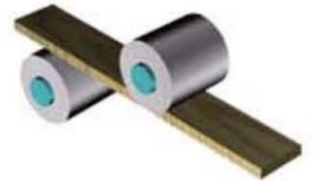
Double rows drilling machine



Number of drilling bits	21*2 bits
Max. panel width	750 mm
Max. drilling depth	50 mm
Bits distance	32 mm
Spindle number	double
Main motor power	1.5 kw*2
Spindle speed	2840 rpm
Air pressure	0.6 Mpa
N.W/G.W	400/450 kgs
Packing size	1100*1000*1100 mm

## **SM-2SM2020**

Double-side moulder



Working width	430 mm
Working thickness	10-150 mm
Min. working length	260 mm
Max. cutting depth (upper)	10 mm
Max. cutting depth (bottom)	8 mm
Spindle speed	5000 r/min
Feeding speed	4-16 m/min
Upper&bottom spindle motor	7.5 / 5.5 kw
Feeding motor power	2.2 kw
Weight	1860 kgs

## SM-3RDM2020

Three rows drilling machine



Max. drilling diameter	35 mm-single 13 mm-multi
Max. drilling depth	60 mm
Max. processing pitch	1850*672 mm / 1850*640 mm
Min. processing pitch	130*32 mm
Total number of drilling bits	22*1 + 11*4 pcs / 21*3 pcs
Total number of drilling shafts	66 pcs / 63 pcs
Diameter of fast holder	10 mm
Vertical spindle movement	1850 mm
Air pressure	0.6-0.8 Mpa
Total power	7.5 kw / 4.5 kw
Weight	1600 kgs / 1550 kgs
Outline size	2740*2500*1600 mm

### **SM-4HBM2020A**

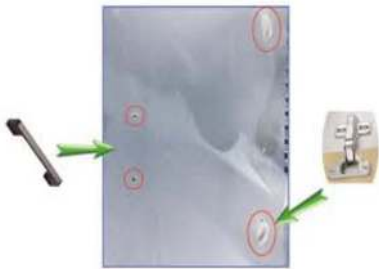
Four-head hinge boring machine



Max. drilling diameter	35 mm
Max. drilling depth	50 mm
Number of drilling shafts	12 pcs
Number of drilling head	4 pcs
Total power	1.1 kw*4
Spindle speed	2840 rpm
Weight	570 kgs
Outline size	2500*1200*1700 mm

### **SM-4HBM2020B**

Four-head hinge boring machine (with handle hole drilling)



Max. drilling diameter	ø35 mm
Max. drilling depth	50 mm
Number of drilling shafts	15 pcs
Number of drilling head	5 pcs
Total power	1.1 kw*5
Spindle speed	2840 rpm
Weight	720 kgs
Outline size	2500*1400*1900 mm

### **SM-4RDM2020**

Four rows drilling machine



Max. drilling diameter	35 mm-single 13 mm-multi
Max. drilling depth	60 mm
Max. processing pitch	2500*672 mm / 2500*640 mm
Min. processing pitch	130*32 mm
Total number of drilling bits	22*2 + 11*4 pcs / 21*4 pcs
Total number of drilling shafts	88 pcs / 84 pcs
Diameter of fast holder	10 mm
Vertical spindle movement	2500 mm
Air pressure	0.6-0.8 Mpa
Total power	9 kw / 6 kw
Weight	2050 kgs / 2000 kgs
Outline size	3850*2500*1530 mm



### SM-4SM2020A

Four-side moulder



Working width		25-150 mm
Working thickness		8-100 mm
Number of spindles		5
Spindle speed		6000 r/min
Cutter Diameter	1°bottom	ø125 mm
(min-max)	Right	ø125-160 mm
	Left	ø125-160 mm
	1°top	ø125-160 mm
	2°top	/
	2°bottom	ø125-160 mm
Spindle Diameter		ø40 mm
Motor power	1°bottom	4 kw
	Right	4 kw
	Left	4 kw
	1°top	5.5 kw
	2°top	/
	2°bottom	4 kw
	Feeding	3 kw
	Lifting	0.75 kw
Total motor power		25.25 kw
Feeding speed		4-18 m/min
Outline size		3410*1610*1710 mm
Weight		2260 kgs

### SM-4SM2020B

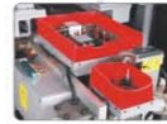
Four-side moulder



Working width		18-160 mm
Working thickness		8-100 mm
Number of spindles		4
Spindle speed		6100 r/min
Cutter Diameter	1°bottom	ø110-140 mm
(min-max)	Right	ø110-140 mm
	Left	ø110-140 mm
	1°top	ø110-140 mm
	2°top	/
	2°bottom	/
Spindle Diameter		ø40 mm
Motor power	1°bottom	3 kw
	Right	2.2 kw
	Left	2.2 kw
	1°top	4 kw
	2°top	/
	2°bottom	/
	Feeding	2.2 kw
	Lifting	0.37 kw
Total motor power		13.97 kw
Feeding speed		5-20 m/min
Outline size		2710*1280*1530 mm
Weight		1500 kgs

### SM-5BC2020

Five-side NC boring center



Drilling system



Option: hinge boring



Automatic side aligning device



Champing device



Transmission system



Automatic pressing device



Control system

Thickness of panel	10-50 mm
Length of panel	250-2500 mm
Width of panel	50-900 mm
Max. speed of gripper	90 m/min
Max. speed of Y axis	90 m/min
Max. speed of Z axis	50 m/min
Tools type	15v + 2*4 (2L+2R+2F+2B) + router*1
Tool diameter	Ø6-Ø10 mm
Drilling motor	2.2 kw / 4500 rpm
Router motor	2.2 kw / 24000 rpm
Total power	8.6 kw
Outline size	2800*2190*1700 mm
Weight	2200 kgs

### SM-5BCDT2020

Five-side NC boring center (double table)



Data one time imported



Double-position operation



Double clamping design



Extension work-piece width



Adopt Germany BECKHOFF CNC system



Double U axis design

Thickness of panel	10-50 mm
Length of panel	250-2500 mm
Width of panel	50-1320 mm
Max. speed of gripper	90 m/min
Max. speed of Y axis	90 m/min
Max. speed of Z axis	50 m/min
Tools type	15v + 2*4 (2L+2R+2F+2B) + router*1
Tool diameter	Ø6-Ø10 mm
Drilling motor	2.2 kw / 4500 rpm
Router motor	2.2 kw / 24000 rpm
Total power	11.2 kw
Outline size	3440*2400*1800 mm
Weight	3000 kgs

### SM-6BC2020

Six-side NC boring center



Six-side NC boring center



Five-side NC boring center



Drilling group



Double gripper and long guide rail



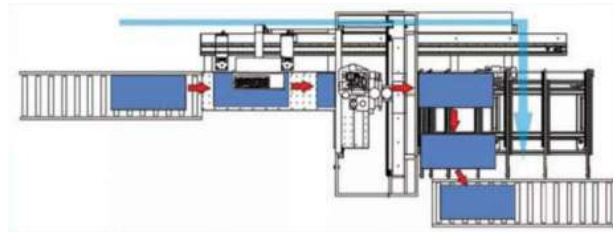
Side alignment and pneumatic floating table



Safety device



Option: Pass-through type feeding



Panel hold-down device with rubber feet guarantees accurate processing

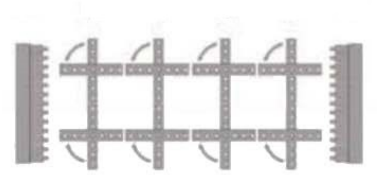


Grippers are automatically positioned to accommodate to different sized workpiece

Thickness of panel	10-60 mm
Length of panel	200-2500 mm
Width of panel	50-1200 mm
Max. speed of gripper	130 m/min
Max. speed of Y axis	75 m/min
Max. speed of Z axis	30 m/min
Tools type	Up drilling: 12V + 2*4 + router*1
Spindle power	3.5 kw*2
Total power	19.6 kw
Outline size	5200*2530*2080 mm

### **SM-6RDM2020**

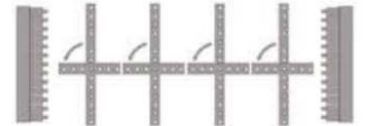
Auto-feeding six rows drilling machine



Max. drilling diameter	35 mm-single 13 mm-multi
Max. drilling depth	60 mm
Max. processing pitch	2500*672 mm
Min. processing pitch	130*32 mm
Total number of drilling bits	22*2 pcs + 11*8 pcs
Total number of drilling shafts	132 pcs
Diameter of fast holder	10 mm
Vertical spindle movement	2500 mm
Air pressure	0.6-0.8 Mpa
Total power	15.75 kw
Weight	2550 kgs
Outline size	4450*2500*1550 mm

### **SM-6RDM2020**

Auto-feeding six rows drilling machine



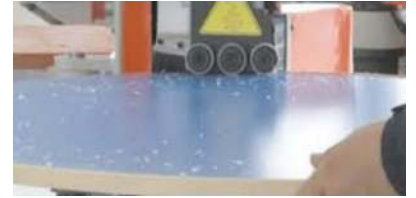
Max. drilling diameter	35 mm-single 13 mm-multi
Max. drilling depth	60 mm
Max. processing pitch	2500*640 mm
Min. processing pitch	130*32 mm
Total number of drilling bits	21*6 pcs
Total number of drilling shafts	126 pcs
Diameter of fast holder	10 mm
Vertical spindle movement	2500 mm
Air pressure	0.6-0.8 Mpa
Total power	9.75 kw
Weight	2350 kgs
Outline size	4450*2500*1530 mm

## **SM-ACEB2020**

Automatic curve edge bander



Edging



Trimming

Edge belt thickness	1-3 mm
Panel thickness	10-60 mm
Feeding speed	3/7 m/min
Min. panel size	50*200 mm
Max. panel size	1000*2000 mm
Max. panel weight	40 kgs
Air pressure	0.6 mpa
Total power	2.95 kw
Net weight	480 kgs
Outline size	2275*1620*1580 mm



### **SM-ACR2020A**

Auto copy router



Range of cutting diameter	ø90-700 mm
Max. rectangular cutting	2:1
Max. working thickness	130 mm
Table size	ø460 mm
Cutter spindle diameter	ø25.4/30/35 mm
Guiding roller diameter	ø100 mm
Spindle speed	9000 r/min
Table speed	1.5-6 r/min
Spindle power	5.5 kw
Table driving power	1.5 kw
Outline size	1390*1070*2120 mm
Net weight	730 kgs

### **SM-ACR2020B**

Auto copy router



Range of cutting diameter	ø90-700 mm
Max. rectangular cutting	2:1
Max. working thickness	130 mm
Table size	ø460 mm
Cutter spindle diameter	ø25.4/30/35 mm
Guiding roller diameter	ø100 mm
Spindle speed	9000 r/min
Table speed	1.5-6 r/min
Spindle power	5.5 kw *2 pcs
Table driving power	1.5 kw
Outline size	1510*1070*2400 mm
Net weight	850 kgs

### **SM-ACS2020A**

Auto copy shaper



Working diameter	1170-1600 mm
Working length	100-1000 mm
Max. working thickness	140 mm
Table size	ø1170 mm
Cutter spindle diameter	ø35 mm
Guiding roller diameter	ø100 mm
Cutter spindle speed	9000 r/min
Table speed	1.5-6 r/min
Spindle power	2*4 kw / 2*5.5 kw
Table driving power	1.5 kw
Air pressure	0.6-0.8 Mpa
Weight	1800 kgs
Outline size	1900*1500*1600 mm

### **SM-ACS2020B**

Auto copy shaper



Spindle speed	12000 r/min
Rotary motor power	0.75 kw
Rotary speed	4-20 r/min
Cutter motor power	4 kw
Working length	50-300 mm
Working width	15-100 mm
Working thickness	5-50 mm
Spindle diameter	25.4 mm
Outline size	1200*1500*1200 mm

### **SM-ACS2020C**

Auto copy shaper



Range of cutting diameter	ø90-700 mm
Max. rectangular cutting	2:1
Max. working thickness	130 mm
Table size	ø460 mm
Cutter spindle diameter	ø25.4/30/35 mm
Guiding roller diameter	ø100 mm
Spindle speed	9000 r/min
Table speed	1.5-6 r/min
Spindle power	5.5 kw *2 pcs
Table driving power	1.5 kw
Outline size	1510*1070*2400 mm
Net weight	850 kgs

### **SM-ACS2020D**

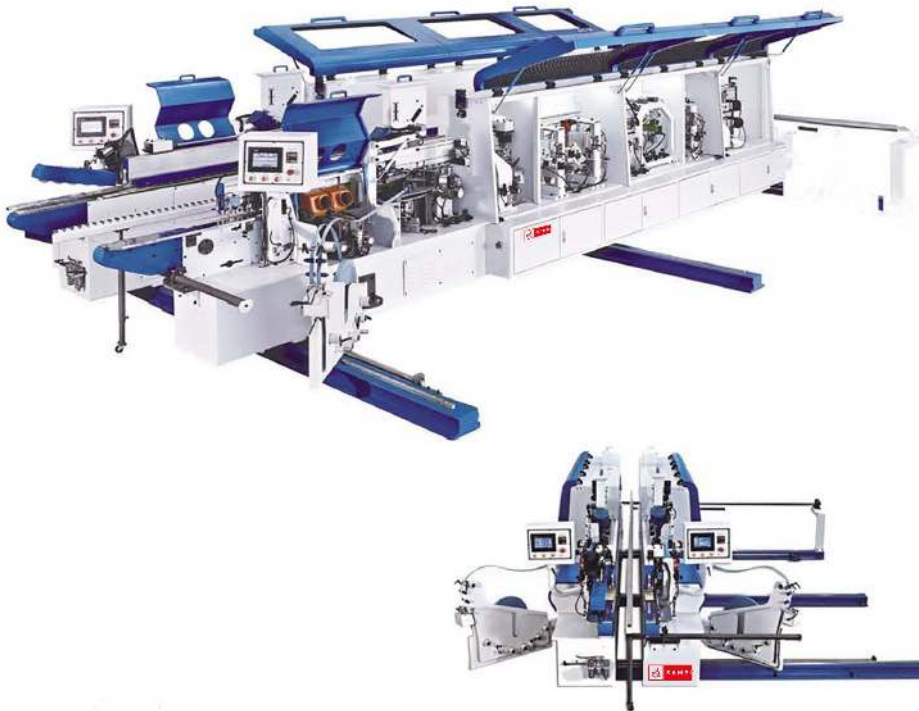
Auto copy shaper



Spindle speed	12000 r/min
Rotary motor power	0.75 kw
Rotary speed	4-20 r/min
Cutter motor power	4 kw
Working length	50-300 mm
Working width	15-100 mm
Working thickness	5-50 mm
Spindle diameter	25.4 mm
Outline size	1200*1500*1200 mm

### SM-AEB2020A

Automatic double-side edge bander



SM-AEB2020A



Outline size	8000*4400*1984 mm
Feed speed	12-20 m/min
Edge thickness	0.4-3 mm (pvc)
Panel thickness	10-60 mm
Max. panel width	2650 mm
Min. panel width	285 mm
Working pressure	0.6-0.8 mpa

### **SM-AEB2020B**

Automatic double-side edge bander



SM-AEB2020B



Pre-milling

Gluing

End cutting

Rough  
trimming

Fine  
trimming

Corner  
trimming

Scrapping

Notching

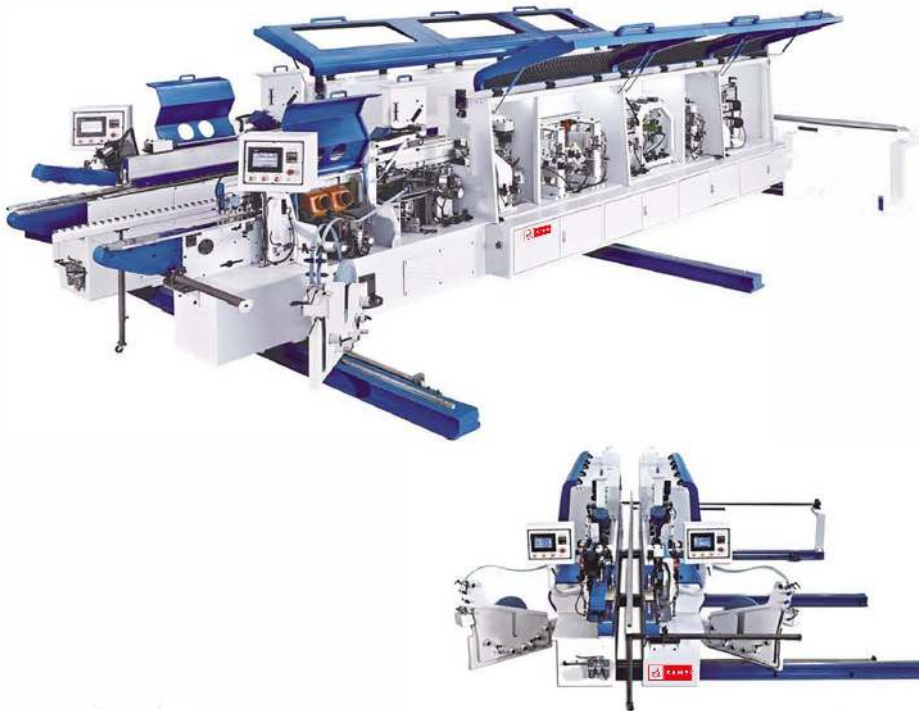
Buffing

Outline size	7146*4400*1984 mm
Feed speed	12-20 m/min
Edge thickness	0.4-3 mm (pvc)
Panel thickness	10-60 mm
Max. panel width	2650 mm
Min. panel width	285 mm
Working pressure	0.6-0.8 mpa



### **SM-AEB2020C**

Automatic double-side edge bander



SM-AEB2020C



Pre-milling



Gluing



End cutting



Rough trimming



Fine trimming



Corner trimming



Scrapping



Notching



Buffing

Outline size	6042*4400*1984 mm
Feed speed	12-20 m/min
Edge thickness	0.4-3 mm (pvc)
Panel thickness	10-60 mm
Max. panel width	2650 mm
Min. panel width	285 mm
Working pressure	0.6-0.8 mpa

### **SM-ALCS2020**

Auto long cutting of saw



Saw wheel diameter	700 mm
Max. working thickness	250 mm
Table tilt angle	0-30°
Saw wheel speed	760 r/min
Motor power	7.5 kw / 380 v
Outline size	1600*900*2475 mm

## **SM-APSM2020**

Automatic profile spraying machine (6 guns)



Processing width	10-400 mm
Processing thickness	10-100 mm
Min. length	700 mm
Feeding speed	0-50 m/min
Spraying gun	6 pcs
Working pressure	0.5-0.8 Mpa
Total power	2025 w
Outline size	3500*1700*2000 mm

## **SM-ASM2G2020**

Automatic spraying machine (2 guns & 2 tables)



Max. workpiece size	2500*1300*150 mm
Max. weight of workpiece	70 kgs
Max. feeding speed	/
Gun reciprocate speed	0-108 m/min
Spraying gun	2 guns
Air pressure	0.6-0.8 Mpa
Total power	3.55 kw
Dimension	4500*2700*2500 mm
Weight	2200 kgs

## **SM-ASM6G2020**

Automatic spraying machine (6 guns)



Max. workpiece size	2500*1200*80 mm
Max. weight of workpiece	50 kgs
Max. feeding speed	0-8 m/min
Gun reciprocate speed	0-100 m/min
Spraying gun	6 guns
Air pressure	0.5-0.8 Mpa
Total power	1.5 kw
Dimension	4720*3700*1950 mm
Weight	1200 kgs

## **SM-ASM8G2020A**

Automatic spraying machine (8 guns)



Max. spraying width	1300 mm
Max. thickness of workpiece	80 mm
Max. feeding speed	8 m/min
Spraying gun	8 pcs
Air pressure	0.5-0.8 Mpa
Total power	14.5 kw
Dimension	4800*6700*2500 mm
Weight	2000 kgs

## **SM-ASM8G2020B**

Automatic spraying machine (8 guns)



Max. spraying width	1300 mm
Max. thickness of workpiece	125 mm
Max. feeding speed	10 m/min
Spraying gun	8 pcs
Air pressure	0.5-0.8 Mpa
Total power	14.5 kw
Dimension	4200*3850*2520 mm
Weight	2000 kgs

## **SM-BFR2020**

Baking finish room



Outline size	7000*5200*3200 mm
Interior size	6985*3985*2600 mm
Door size	3000*2400 mm
Total power	10 kw



## **SM-BS2020A**

Horizontal band saw



Max. working size	4500*700*700 mm
Max. sawing wood diameter	ø700 mm
Max. sawing wood length	4500 mm
Max. working thickness	250 mm
Working table width	700 mm
Saw wheel diameter	700 mm
Lifting motor	1.1 kw
Main motor	7.5 kw
Weight	900 kgs
Outline size	5800*2300*2450 mm

### **SM-BS2020B**

Band saw



Spindle speed	800 r/min
Max. sawing thickness	250 mm
Table tilt angle	0-30°
Saw wheel diameter	600 mm
Motor power	3 kw / 380 v
Outline size	1160*610*1170 mm
Weight	343 kgs

## **SM-BS2020C**

Band saw



Saw wheel diameter	700 mm
Max. working thickness	250 mm
Table tilt angle	0-30°
Saw wheel speed	760 r/min
Motor power	7.5 kw / 380 v
Outline size	1600*900*2475 mm
Weight	850 kgs

## **SM-CCS2020**

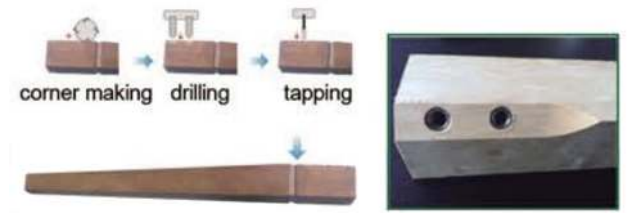
CNC Double-side copy shaper



Max. working length	2000 mm
Max. working width	360 mm
Min. working height	140 mm
Main spindle diameter	ø30 mm
Guiding wheel diameter	ø100 mm
Spindle speed	9000 rpm
Main motor power	5.5 kw *2
Hydraulic motor power	3.7 kw
Table size	2200*285 mm
Outline size	5250*1900*2050 mm
Weight	2500 kgs

### **SM-CDTM2020**

Automatic corner drilling and tapping machine



Max. work piece length	35 mm-single 13 mm-multi
Max. shape	60 mm
Max. milling length	1850*672 mm / 1850*640 mm
Max. milling depth	130*32 mm
Milling cutter diameter	22*1 + 11*4 pcs / 21*3 pcs
Cutter shaft diameter	66 pcs / 63 pcs
Milling cutter power	10 mm
Drilling power	1850 mm
Max. drilling diameter	0.6-0.8 Mpa
Tapping power	7.5 kw / 4.5 kw
Sliding table power	1600 kgs / 1550 kgs
Outline size	2740*2500*1600 mm
Weight	740 kgs

## **SM-CLEM2020**

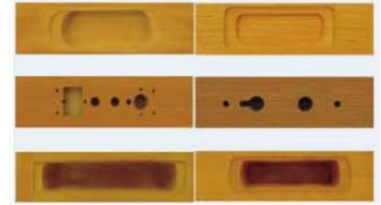
CNC linear edge milling machine



Max. working thickness	50 mm
Max. working length	2500 mm
Max. working width	200 mm
Max. X spindle speed	40 m/min
Max. Y spindle speed	25 m/min
Working speed	0-45 m/min
Cutter external diameter	ø90-130 mm
Spindle diameter	ø25 mm
Spindle speed	12000 rpm
Motor power	5.5 kw
Air pressure	0.6-0.8 Mpa
Table size	3200*1200*1300 mm
Outline size	3200*1260*1270 mm
Weight	1100 kgs

## SM-CMD2020

CNC multiple door solution machine



Max. working length	2400 mm
Max. working thickness	60 mm
Processable door width	600-1100 mm
Max. moving stroke of worktable	400 mm
Hinge-slot motor power	0.4 kw*3
Lock-slot motor power	3.7 kw
Lock-sidestep motor power	0.4 kw
Lock-hole motor power	1.5 kw*2
Spindle speed	12000 rpm
Chuck diameter	ER32 (16 mm - lock slot)
Weight	1900 kgs
Outline size	2740*2270*1620 mm

## SM-CMJ2020A

CNC miter joint machine



Milling cutter turn speed	12000 rpm
Milling cutter hole diameter	ø30 mm
Milling cutter max outer diameter	ø130 mm
Max. working width	150 mm
Max. working thickness	55 mm
Drill bit turn speed	9000/12000/18000 rpm
Drill bit diameter	ø3-16 mm
45° Tenon width	0-150 mm
45° Tenon depth	10-45 mm
135° Tenon width	0-120 mm
135° Tenon depth	10-20 mm
3D tenon machining cross profile	/
Fence degree	45°/90°
Milling cutter motor power	5.5 kw
Drill bit motor power	3.7 kw
Pre-milling motor power	3.7 kw
Total power	15.84 kw
Outline size	2450*1200*1700 mm
Weight	1500 kgs



## **SM-CMJ2020B**

CNC miter joint machine



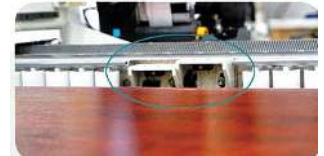
45° Tenon width	0-80 mm
45° Tenon depth	10-30 mm
135° Tenon width	0-150 mm
135° Tenon depth	10-30 mm
Max. processing thickness	80 mm
Max. processing length	2500 mm
Fence degree	45°/90°
Milling cutter max. outer diameter	ø130 mm
Milling cutter aperture	30 mm
Pre-milling cutter	ø30*90°
Drill bit diameter	ø3-16 mm
Drill bit turn speed	9000/12000/18000 rpm
Pre-milling spindle power	3.7 kw *2
Main milling spindle power	5.5 kw *2
Total power	24 kw
Outline size	4300*1600*1880 mm
Weight	2600 kgs

### SM-CNC20201

CNC Router (with Pre-labeling + Auto loading in&out system)



Tools changing stand: Change tools quiddly and easily



Two sensors: Double assurance to raise to the correct height



HSD Spindle: 9.6kw + Italian drill group(5+4 vertical drills)



Pre-label device: Automatic and independent working



Option: Layout software



German Becker Vacuum Pump



Taiwan SYNTEC/Italian OSAI control



8-16 Carourel Tool Changer

Travelling size	2500*1260*200 mm
Working size	2440*1220*70 mm
Table size	2440*1228 mm
Loading and Unloading speed	15 m/min
Transmission	X/Y rack and pinion drive, Z ball screw drive
Table structure	Vacuum table
Spindle power	9.6 kw HSD
Max. spindle speed	2400 r/min
Max. travelling speed	80 m/min
Max. working speed	25 m/min
Tool magazine	Carousel 8pcs
Driving system	Yaskawa (Japan)
Voltage	AC380V/3PH/50HZ
Controller	Syntec (Taiwan) / OSAI (Italy)

### SM-CNC20202

CNC Router (with Auto loading in&out system)



Sensor at the end of the unloading table avoids the workpiece running beyond the table



8-16 Carousel Tool Changer



Taiwan SYNTEC control



Japanese Shimpo Planetary Gear Box



Japanese THK Linear Guide Rails



Chinese Vacuum Pump



TAIWAN AIRTAC Air Cylinder

Travelling size	2500*1260*200 mm
Working size	2440*1220*50 mm
Table size	2440*1228 mm
Loading and Unloading speed	15 m/min
Transmission	X/Y rack and pinion drive, Z ball screw drive
Table structure	Vacuum table
Spindle power	9.0 kw HSD
Max. spindle speed	2400 r/min
Max. travelling speed	45 m/min
Max. working speed	20 m/min
Tool magazine	Carousel 8pcs
Driving system	Yaskawa (Japan)
Voltage	AC380V/3PH/50HZ
Controller	Syntec (Taiwan) / OSAI (Italy)

### **SM-CP2020A**

*Cold press*



Press platen size	1300*2500 mm
Max. total thrust	50T (1.4 kg/cm <sup>2</sup> )
Pressure of hydraulic system	210 kg/cm <sup>2</sup>
Max. platen opening	1000 mm
Oil cylinder	ø110mm*2
Hydraulic motor power	4.0 kw
Outline size	3000*2500*3050 mm
Net weight	2650 kgs

### **SM-CP2020B**

Cold press



Press platen size	1300*2500 mm
Max. total thrust	50T (1.4 kg/cm <sup>2</sup> )
Pressure of hydraulic system	210 kg/cm <sup>2</sup>
Max. platen opening	1000 mm
Oil cylinder	ø90mm*2
Hydraulic motor power	3.0 kw
Outline size	3000*1250*3050 mm
Net weight	2300 kgs

## **SM-CSPM2020**

*Curved surface polishing machine*



Min. sanding length	260 mm
Max. sanding thickness	100 mm
Max. sanding width	1300 mm
Feeding speed	3-17 m/min
Sanding head	10 pcs
Outline size	5500*2200*2200 mm
Weight	4500 kgs

### SM-CT2020

CNC Double-end tenoner



Automatic feeding&Discharging device



Tool apron vertical rotation angle adjustment



Tool apron horizontal rotation angle adjustment

Working length	180-2200 mm
Max. working thickness	60 mm
Max. working width	150 mm
Vertical tilt angle	30° - 10°
Horizontal tilt angle	10° - 15°
Main spindle power	3.7 kw *2
Main spindle speed	0-12000 r/min
Total power	12 kw
Suction inlet	100 mm *2
Air pressure	0.5-0.8 Mpa
Outline size	3800*1560*1600 mm
Weight	2400 kgs

## **SM-CWDMS2020**

CNC wooden door milling machine

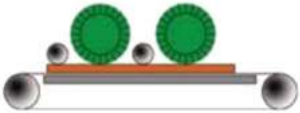


Max. working length	2500 mm
Min. working thickness	60 mm
Max. milling speed	30 m/min
Max. drilling depth	80 mm
Max. arc machining depth	150 mm
Shaft diameter	35 mm
Max. milling cutter diameter	200 mm
Max. drilling bit diameter	16 mm
Spindle speed	≤12000 rpm
Total power	35.1 kw
Grooving motor power	5.5 kw
Milling motor power	10 kw *2
Drilling motor power	3.7 kw
Outline size	4500*1800*1500 mm
Weight	3800 kgs



## **SM-DC2020**

Dust cleaner



Max. working width	1300 mm
Max. working thickness	2-90 mm
Feeding speed	Frequency alternator
Feeding power	1.5 kw
Brush roller power	1.5 kw
Fan power	0.32 kw
Total motor power	3.32 kw
Outline size	1780*1330 mm
Weight	1100 kgs

### SM-DET2020

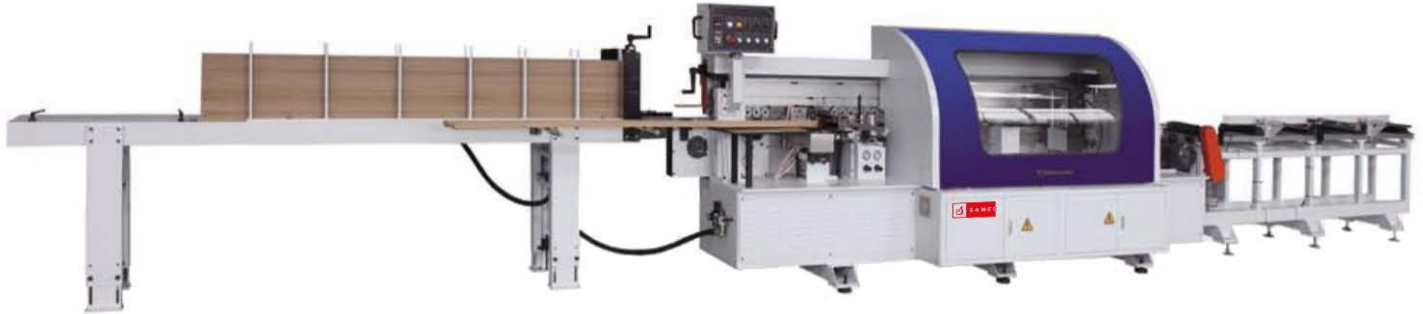
Double end tenoner



Working width		250-2500 mm
Working thickness		10-120 mm
Cutter diameter	Left saw	ø125-200 mm
(min-max)	Right saw	ø125-200 mm
	Left cut-saw	ø250-300 mm
	Right cut-saw	ø250-300 mm
	No.1 L&R milling	ø140-160 mm
	No.2 L&R milling	ø140-160 mm
	Polishing	ø230 mm
Spindle diameter	Left scoring saw	ø25.4 mm
	Right scoring saw	ø25.4 mm
	Left cut-saw	ø40 mm
	Right cut-saw	ø40 mm
	Thickness of saw	1.4-3.2 mm
	No.1 L&R milling	ø40 mm
	No.2 L&R milling	ø40 mm
	Polishing	ø25.4 mm
Main milling cutter	Max. thickness of cutter loaded	175 mm
	Max. weight of milling cutter	19 mm
Motor power	Left scoring saw	3 kw
	Right scoring saw	3 kw
	Left cut-saw	11 kw
	Right cut-saw	11 kw
	No.1 L&R milling	2*5.5 kw
	No.2 L&R milling	2*7.5 kw
	L&R sanding unit	2*2.2 kw
	L&R polishing unit	2*2.2 kw
	L&R polishing unit swing	2*0.12 kw
	Feed	3 kw
	Pressure belt lift	2*0.25 kw
	Widen	1.1 kw
Total motor power		72.42 kw
Feeding speed		5-25 m/min
Outline size		5000*5395*2100 mm
Weight		7200 kgs

### **SM-DFEB2020**

*Automatic door frame L-shape edge bander*



Panel length	900-2400 mm
Panel width	Min. 50 mm (double R 100 mm)
Panel thickness	8-20 mm
Belt width	15-50 mm
Belt thickness	3-5 mm (option 10 mm)
Min. distance between panels	800 mm
Feeding speed	24 m/min
Outline size	11500*1350*1650 mm
Net weight	2300 kgs

## **SM-DLH2020**

Door lock hole machine



Max. working length	2400 mm
Max. working thickness	80 mm
Processable door width	1100 mm
Max. moving stroke of worktable	/
Hinge-slot motor power	/
Lock-slot motor power	2.2 kw
Lock-sidestep motor power	/
Lock-hole motor power	1.5 kw
Spindle speed	10000 rpm
Chuck diameter	16 mm
Weight	650 kgs
Outline size	2600*1600*1600 mm

### **SM-DSDM2020**

Double-side drilling machine



Max. drilling diameter	ø70 mm
Cylinder trip	80 mm
Drill chuck inner diameter	10 & 12.7 mm
Total power	1.5 kw*2
Air pressure	0.6-0.8 Mpa
Weight	520 kgs
Outline size	1700*900*1600 mm

### **SM-EB2020A**

Edge bander



Cutting and trimming tools



Full set list

Thickness of panel	10-45 mm
Thickness of belt	0.3-3 mm (PVC)
Min-radius of curved edging	20 mm
Feeding speed	4 m/min
Total power	765w/220v/50Hz
Glue pot volume	160 ml
Weight	8 kgs (single machine)
Size	330*300*350 mm

### **SM-EB2020B**

Edge bander



Cutting and trimming tools



Full set list

Thickness of panel	10-55 mm
Thickness of belt	0.3-3 mm (PVC)
Min-radius of curved edging	20 mm
Feeding speed	2-6 m/min
Total power	640w/220v/50Hz
Glue pot volume	320 ml
Weight	9.2 kgs (single machine)
Size	330*335*395 mm

## **SM-EBRL2020A**

*Edge banding machine Return line*





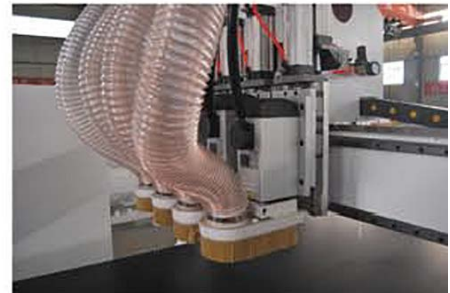
## **SM-EC2020**

*End cutting tools*



## SM-FHCNC20206

Four-head CNC router (SYNTEC Type)



Travelling size	2500*1260*300 mm
Working size	2480*1240*150 mm
Table size	2500*1300 mm
Transmission	X/Y rack and pinion drive, Z ball screw drive
Table structure	Vacuum table
Spindle power	4.5 kw * 4
Max. spindle speed	1800 r/min
Max. travelling speed	25 m/min
Max. working speed	15 m/min
Tool magazine	4 pcs
Driving system	Servo system
Voltage	AC380V/3PH/50HZ
Controller	SYNTEC

## SM-THCNC20207

Three-head CNC router (SYNTEC Type)



Option: NC-Studio Type

Travelling size	2500*1260*300 mm
Working size	2480*1240*150 mm
Table size	2500*1300 mm
Transmission	X/Y rack and pinion drive, Z ball screw drive
Table structure	Vacuum table
Spindle power	4.5 kw * 3
Max. spindle speed	1800 r/min
Max. travelling speed	30 m/min
Max. working speed	20 m/min
Tool magazine	3 pcs
Driving system	Servo system
Voltage	AC380V/3PH/50HZ
Controller	SYNTEC

## **SM-FSVM2020**

Film shelf for Vacuum machine



Max. film width	1500 mm
Max. roll quantity	8
Total power	2.2 kw
Outline size	2600*1000*2000 mm
Weight	400 kgs

### **SM-GEB2020A**

*Double-side gluing edge bander*



Table size	1000*725 mm
Thickness of panel	10-50 mm (option 100 mm)
Thickness of belt	0.3-3 mm (pvc)
Min. radius of curved edging	20 mm
Heating power	1.8 kw
Feeding speed	1-18 m/min
Air pressure	0.6 Mpa
Total power	2.2kw/220v/50Hz
Outline size	1350*850*980 mm
N.W/G.W	290/350 kgs

### **SM-GEB2020B**

*Double-side gluing edge bander*



Table size	1000*725 mm
Thickness of panel	10-50 mm (option 100 mm)
Thickness of belt	0.3-3 mm (pvc)
Min. radius of curved edging	20 mm
Heating power	1.8 kw
Feeding speed	7/9/16 m/min
Air pressure	0.6 Mpa
Total power	2.2kw/380v/50Hz
Outline size	1350*850*980 mm
N.W/G.W	190/240 kgs

### **SM-GEB2020C**

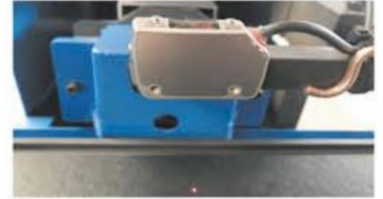
*Double-side gluing edge bander*



Thickness of panel	8-50 mm
Thickness of belt	0.3-3 mm
Min. radius of curved edging	0.75 mm (1.25 m)
Heating power	1.2 kw
Feeding speed	0-2.6 m/min
Air pressure	0.6 Mpa
Total power	1.4 kw
Outline size	1250*740*980 mm
Weight	88 kgs

### SM-HBM2020

NC Horizontal boring machine



Dual working modes:  
Scanning barcode or scanning working piece



Double servo driver with high speed



Option: Scan label to operate



PC control compatible with layout software

Length of workpiece	≤2450 mm
Width of workpiece	≥80 mm
Thickness of workpiece	10-35 mm
Max. speed of X axis	80 m/min
Total power	3.35 kw
Outline size	2860*2100*1366 mm



### SM-HD42020C

Heavy duty four-side moulder



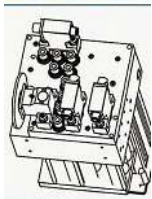
Working width		20-165 mm
Working thickness		8-100 mm
Number of spindles		4
Spindle speed		6000 r/min
Cutter Diameter	1°bottom	ø110-125 mm
(min-max)	Right	ø110-160 mm
	Left	ø110-160 mm
	1°top	ø110-160 mm
	2°top	/
	2°bottom	/
Spindle Diameter		ø40 mm
Motor power	1°bottom	4 kw
	Right	4 kw
	Left	4 kw
	1°top	5.5 kw
	2°top	/
	2°bottom	/
	Feeding	3 kw
	Lifting	1.1 kw
Total motor power		21.6 kw
Feeding speed		9-29 m/min
Outline size		3230*1610*1700 mm
Weight		2800 kgs

### SM-HDCNC20203

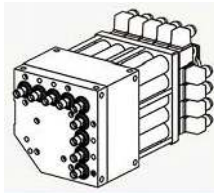
Heavy-duty CNC working center



Orlll Bank, Pop-up Position Pins Optional



9 Vertical + 6 Horizontal + 1 Saw blade



5+4 Vertical

Travelling size	2500*1260*200 mm
Working size	2440*1220*70 mm
Table size	2440*1228 mm
Transmission	X/Y rack and pinion drive, Z ball screw drive
Table structure	Vacuum table
Spindle power	9.0 kw HSD
Max. spindle speed	2400 r/min
Max. travelling speed	80 m/min
Max. working speed	20 m/min
Tool magazine	Carousel 8pcs
Driving system	Yaskawa (Japan)
Voltage	AC380V/3PH/50HZ
Controller	Syntec (Taiwan) / OSAI (Italy)

## SM-HDEM2020

Horizontal double end mortising machine



Max. length of rabbet	120 mm
Max. depth of rabbet	60 mm
Spindle speed	9500 rpm
Tilting of working table	±15°
Motor power	2.2 kw
Net weight	500 kgs
Outline size	1400*900*1200 mm

### SM-HDET2020

Horizontal double end tenoner



Max. length of rabbet	140 mm
Max. depth of rabbet	80 mm
Spindle speed	9000 rpm
Tilting of working table	/
Motor power	5.5 kw
Net weight	850 kgs
Outline size	1930*1160*1840 mm

### **SM-HLM2020**

Heating & Levelling machine



Max. working width	1300 mm
Working length	5000 mm
Working thickness	2-90 mm
Feeding speed	Frequency alternator
Feeding power	1.5 kw
Heating power	16.2 kw
Winder power	0.48 kw *4
Total motor power	19.62 kw
Outline size	1800*1500 mm
Weight	1500 kgs

## SM-HP2020

Hot press



Press board size	2500*1300 mm
Layers of plate	1 Layer
Working pressure	100T (3.1 kg/cm <sup>2</sup> )
Opening of plate	300 mm
Quantity of oil cylinder	ø100*6pcs
Heating power	48 kw
Hot plate open way	Manually
Outline size	4800*1600*2100 mm
Weight	5000 kgs

### **SM-HS2020A**

Heavy primer sanding machine



Primer sanding

Working width	1300 mm
Working thickness	2.5-100 mm
Size of sanding belt (W*P)	1300*2200 mm
Working air pressure	0.5 Mpa
Sanding belt speed	Frequency control
Feeding speed	4-30 m/min
Total power	28.12 kw
Outline size	2700*2100*2450 mm
Weight	3800 kgs

## **SM-HS2020B**

Heavy double heads sanding machine



Double heads

Working width	1300 mm
Working thickness	2.5-80 mm
Size of sanding belt (W*P)	1300*2200 mm
Working air pressure	0.5 Mpa
Sanding belt speed	20.18 m/s
Feeding speed	4-30 m/min
Total power	56.62 kw
Outline size	2100*2530*1980 mm
Weight	3400 kgs



## **SM-HS2020C**

Heavy three heads sanding machine



Three heads

Working width	1300 mm
Working thickness	2.5-80 mm
Size of sanding belt (W*P)	1300*2200 mm
Working air pressure	0.5 Mpa
Sanding belt speed	20.11 m/s
Feeding speed	6-30 m/min
Total power	74.25 kw
Outline size	2600*2700*2100 mm
Weight	4500 kgs

### **SM-LEB2020A**

Linear edge bander



Max. worktable size	2050*800 mm
Min. panel length	160 mm
Min. panel width	90 mm
Panel thickness	10-45 mm
Edge bell thickness	0.4-3 mm
Feeding speed	6 m/min
Trimming motor speed	11000 rpm
Total power	2300 w
N.W/G.W	350/385 kgs
Packing size	2100*820*1120 mm

### **SM-LEB2020B**

Linear edge bander



Max. worktable size	2050*800 mm
Min. panel length	280 mm
Min. panel width	90 mm
Panel thickness	10-45 mm
Edge bell thickness	0.4-3 mm
Feeding speed	6.3 m/min
Trimming motor speed	11000 rpm
Total power	2170 w
N.W/G.W	350/385 kgs
Packing size	2100*820*1120 mm

### **SM-LEB2020B**

Linear edge bander



Max. worktable size	2320*800 mm
Min. panel length	280 mm
Min. panel width	90 mm
Panel thickness	10-45 mm
Edge bell thickness	0.4-3 mm
Feeding speed	6.3 m/min
Trimming motor speed	11000 rpm
Total power	2350 w
N.W/G.W	400/435 kgs
Packing size	2100*820*1120 mm

### **SM-MCEB2020**

Manual curve edge bander



Edging



Trimming

Edge belt thickness	0.3-3 mm
Panel thickness	8-50 mm
Feeding speed	0-2.6 m/min
Air pressure	0.6 mpa
Total power	4.0 kw
Net weight	600 kgs
Outline size	3000*670*1260 mm

### **SM-MPM2020**

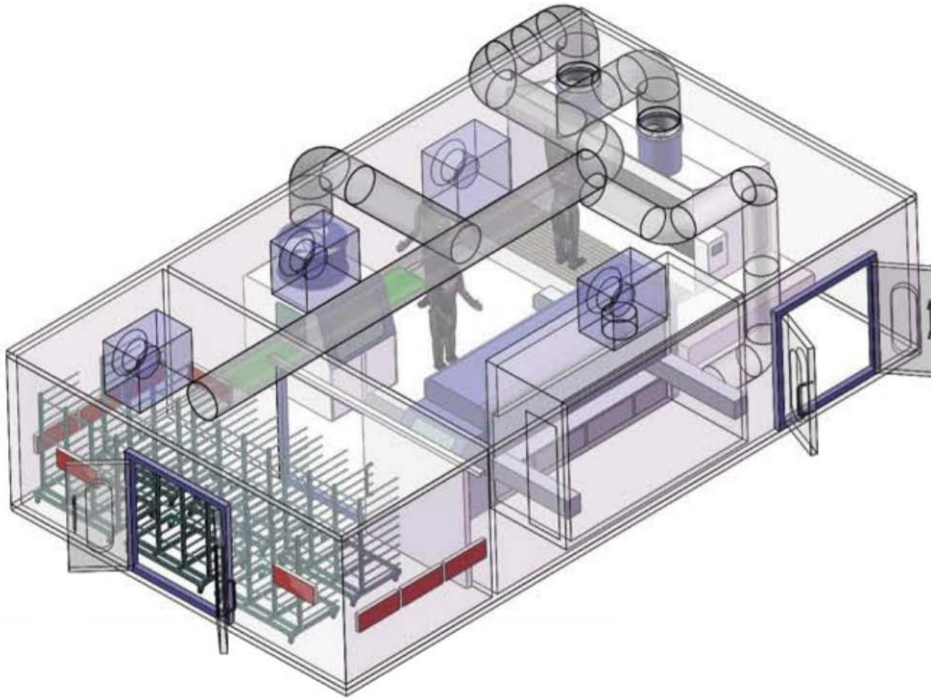
Membrane press machine (for high glossy PVC/Veneer/Thermal transfer/Acrylic)



Working table size	2580*1280 mm * 2
Total power	57.2 kw
Vacuum	-0.08 Mpa
Positive pressure	0.4 - 0.5 Mpa
Weight	11000 kgs
Outline size	11600*2250*2050 mm
Oil cylinder	ø180 mm * 8
Heating modes	Oil heating(UP), Electric heating(Down), Heating element(Air)

## SM-PBFR2020

Painting & baking finish room



Outline size	12000*5200*3200 mm
Interior size	10500*4700*2700 mm
Door size	/
Total power	/

### **SM-PL2020**

Planer



Max. planing width	630 mm
Max. planing capacity	5 mm
Spindle speed	5000 rpm
Number of knives	4 pcs
Table size	2500*640 mm
Motor power	5.5 kw
Outline size	2500*950*1050 mm
Weight	727/790 kgs



## **SM-PLTH2020**

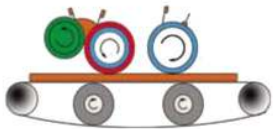
*Planer and Thicknesser*



Power	5.5 kw
Max. planing width	410 mm
Max. thicknesser width	410 mm
Max. thicknesser depth	240 mm
Planing table size	2220*420 mm
Arbor diameter	95 mm
Feeding speed	7 m/min
Weight	450/530 kg
Packing size	2280*1000*1100 mm

### **SM-PRC2020**

*Precise double-roller coater*



Valid coating width	1300 mm
Working thickness	2-90 mm
Feeding speed	Frequency alternator
Feeding power	2.2 kw
Coating roller power	2.2 kw *2
Electro optic roller power	1.5 kw *2
Heating power	3 kw
Total motor power	12.6 kw
Outline size	2600*1450 mm
Weight	1900 kgs

### **SM-RIPS2020A**

Rip saw



Max. working width	320 mm
Min. working length	400 mm
Working thickness	10-110 mm
Feeding speed	5-25 m/min
Spindle diameter	ø50 mm
Spindle speed	3800 r/min
Sawblade motor	37 kw
Lifting motor for saw	0.75 kw
Lifting motor for feeder	0.75 kw
Feeding motor	4.0 kw
Top spindle motor	/
Bottom spindle motor	/
Table size	2290*390 mm
Outline size	3200*1200*1600 mm
Net weight	2000 kgs

### **SM-RIPS2020B**

Multi-rip saw (with double-side planer)



Max. working width	200 mm
Min. working length	250 mm
Working thickness	10-75 mm
Feeding speed	6-24 m/min
Spindle diameter	ø50 mm
Spindle speed	4500 r/min
Sawblade motor	22 kw
Lifting motor for saw	0.37 kw
Lifting motor for feeder	0.75 kw
Feeding motor	1.5 kw
Top spindle motor	5.5 kw
Bottom spindle motor	4.0 kw
Table size	2290*270 mm
Outline size	3070*1230*1540 mm
Net weight	1900 kgs

### **SM-RLRS2020**

Round long multi-rip saw



Min. working width	120 mm
Max. working width	240 mm
Min. working height	120 mm
Max. working height	220 mm
Min. working length	700 mm
Max. working length	4000 mm
Feeding speed	0-25 m/min
Total power	58.65 kw
Outline size	4200*1600*1560 mm
Weight	2376 kgs

### SM-SC42020

Slice cutting four-side moulder



Working width	For cutter	20-230 mm
	For saw	6-200 mm
Working thickness		20-200 mm
Min. thickness of slice		5
Number of spindles		5
Spindle speed		6000/4000 r/min
Cutter diameter (min-max)	1° bottom	ø110-145 mm
	Right	ø110-200 mm
	Left	ø110-200 mm
	1° top	ø110-200 mm
	Rightsaw	ø180-300 mm
	Left saw	ø180-300 mm
Spindle diameter	Spindle	ø40 mm
	Saw	ø50 mm
Motor power	1° bottom	11 kw
	Right	11 kw
	Left	11 kw
	1° top	11 kw
	Rightsaw	22 kw
	Left saw	22 kw
	Feeding	7.5 kw
	Lifting	1.1 kw
Total motor power		96.6 kw
Feeding speed		6-30 m/min
Outline size		4800*1950*1960 mm
Weight		5300 kgs

### **SM-TH2020A**

Thicknesser



Max. working width	630 mm
Working thickness	8-200 mm
Min. working length	220 mm
Feeding speed	8/10/12 m/min
Max. cutting depth	5 mm
Spindle speed	4800 r/min
Blade number	4 pcs
Spindle diameter	105 mm
Motor power	7.5 kw / 380 v
Outline size	1080*830*1280 mm
N.G/G.W	496/546 kgs
Packing size	1235*982*1302 mm

### **SM-TH2020B**

Thicknesser

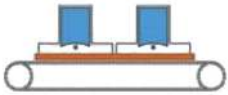


Max. working width	630 mm
Working height	8-300 mm
Max. cutting capacity	5 mm
Min. working length	230 mm
Main motor power	7.5 kw / 380 v
Lift motor power	0.75 kw
Spindle speed	4900 r/min
Feeding speed	5/8/12/18 m/min
Outline size	1000*1215*1210 mm
Weight	800 kgs



## SM-UVD2020

UV dryer



Max. working width	1300 mm
Working thickness	2-90 mm
Feeding speed	Frequency alternator
Feeding power	1.5 kw
UV lamp power	11 kw *2
Fan power	1.1 kw *2
Air blower power	0.038 kw *8
Total motor power	25.9 kw
Outline size	2400*1460 mm
Weight	1700 kgs

## SM-VEGM2020

Veneer guillotine



Max. cutting length	2600 mm
Max. cutting thickness	50 mm
Max. hydraulic pressure	14 Mpa
Hydraulic motor power	3.7 kw
Feeding motor power	0.18 kw
Scissors side	2690*90*10 mm
Outline size	3680*1600*1540 mm
Weight	2500 kgs

## **SM-VESM2020**

Veneer splicing machine



Throat depth	920 mm
Thickness of veneer	0.4-2 mm
Feeding speed	15 m/min
Feeding motor power	0.18 kw
Heating pipe power	0.32 kw
Air pressure	0.2-0.3 Mpa
Outline size	1290*480*1500 mm
Weight	200 kgs

## **SM-VLM2020A**

*Vacuum laminating machine (for PVC)*



Working table size	2300*1100 mm * 2
Total power	25 kw
Vacuum	-0.1 Mpa
Weight	1600 kgs
Outline size	7900*1800*1800 mm
Option table size	2600*1300 mm

## SM-VLM2020B

Vacuum laminating machine (for PVC/Infrared)



Working table size	2300*1100 mm
Total power	25.5 kw
Vacuum	-0.1 Mpa
Weight	720 kgs
Outline size	2500*1800*1500 mm
Option table size	2600*1300 mm

## **SM-VLM2020C**

Vacuum forming machine (for corian)



Working table size	2440*1220 mm
Total power	23 kw
Vacuum	-0.1 Mpa
Weight	750 kgs
Outline size	2550*1670*1150 mm

## **SM-VT2020**

Vacuum table



### **SM-WGSM2020**

Wood grain scratching machine



Max. working width	1300 mm
Feeding speed	5-30 m/min
Feeding power	4.0 kw
First steel brush roller	11 kw
Second steel brush roller	1.1 kw * 4 pcs
Third steel brush roller	7.5 kw
Forth steel brush roller	5.5 kw
Polish roller power	5.5 kw
Outline size	4500*2700*1600 mm
Weight	4700 kgs



## **SM-WSB2020A**

Water spray booth



Water curtain width	4000 mm
Air delivery	18000 m <sup>3</sup> /h *2
Blower power	1.5 kw *2
Pump power	2.2 kw
Outline size	4550*1500*2450 mm
Weight	990 kgs

### **SM-WSB2020B**

Water spray booth (Double sides)



Water curtain width	4000 mm *2
Air delivery	22000 m <sup>3</sup> /h *2
Blower power	2.2 kw *2
Pump power	2.2 kw
Outline size	4550*2400*2450 mm
Weight	1240 kgs

### SM-6HP2020

High speed 6 heads placement machine parameters



Number of feeders	64 pieces
Number of mounting head	6 heads
Number of pallets	6 pieces
Average power	500 w
Positioning accuracy	0.01 mm
Nozzle buffer range	4.5 mm
Power Supply	220 V, 50 Hz
Compressed air	0.5 - 0.6 MPa
Drive motor	Panasonic servo motor/HW-QiGn stepper motor
Identification mode	Six head synchronous identification
Suction nozzle vacuum source	High speed on-off vacuum generator with vacuum destruction
Maximum board area	625×455 mm
XY maximum range of motion	629×679mm
Z axis maximum range	20 mm
Belt feeder	8, 12, 16, 24mm and vibration feeder (can be attached to the chip)
Maximum theory speed	15000 Pcs/ hours
LED, resistance capacitance actual patch speed	12000 Pcs/hours
Hybrid visual mount average patch speed	8500Pcs/ hours
XYZ drive rail	TBI high precision heavy duty linear guide rail
Motion drive system	Panasonic AC servo -A6 driver
Operating system	Based on the Windows operating system, China Weiguo record company independent research and development automatic placement machine operating system, support Windows XP, win7 operating system
Component angle	0-360 degrees at any angle, the movement of synchronous rotation
X/Y mode of operation	QiGn-2017 version of intelligent curve acceleration and deceleration linkage system
MARK point positioning	Automatic scanning (can be arbitrarily set MARK points)
Intelligent alarm	Automatic correction, Automatic patch, lack of material alarm
Into the plate mode	Single segment from left to right transmission, can be connected to the automatic connection platform system, automatic PCB transmission positioning, Thimble positioning, manual release plate.
Visual display	17 inch industrial control display ratio 4:3 resolution 1280x1024
Programming mode	Peer to Peer programming, visual programming, PCB file import, etc.
Optimization mode	Three automatic optimization modes (including V2017 intelligent optimization)
To identify the number of cameras	A Mark recognition camera, six high speed identification camera, a high resolution precision recognition camera
Applicable scope	Adapt 0402, 0603, 0805, 1206, two tubes, transistors, SOT, and 40*40mm in the range of pin spacing is greater than or equal to 0.3mm (0.5mm from the QFP BGA pin center), etc..
Product weight	500KG
Size (length and width)	1450*1370*1350mm (without display and keyboard)

### SM-6ZR2020

6 Zones reflow oven with pc and rail.



Heating System	Number of heating zones	Top 6/Bottom 6
	Heating passage	2500 mm
	Heating Style	Hot air
	Cooling style	Force air
Conveyor System	Max. Width of PCB	350 mm
	Mesh belt width	400 mm
	Conveyor Direction	L → R(or R → L)
	Process Height	880 ± 20 mm
	Conveyor type	Mesh and chain
	Range of rail width	0 - 300 mm
	Conveyor speed	0 - 1500 mm/min
	Auto/manual Lubrication	standard
	Hood opening	Manual(option: auto)
	Fixed track	Front track fixed(option: rear rail fixed)
Control system	Product clearance	Top and bottom 25 mm
	Power supply	5 line 3 phase 380V 50/60Hz
	Total power consumption	28 kw
	Startup consumption	28 kw
	Steady consumption	4 kw
	Rump up time	About 20 mins
	Temp. setting range	Room temperature - 300C°
	Temp. control method	PLC & PC
	Temp. control precision	±1 C°
	Temp. deviation on PCB	±2 C°
	Data storage	Process Data and status storage(80 GB)
	Nozzle plate	Aluminum Alloy Plate
	Abnormal Alarm	Abnormal temperature. (Overtemp/low temp.)
	Board dropped alarm	Tower light: Amber-warming, Green-normal, Red-abnormal
General	Dimension(L*W*H)	3600x1000x1490 mm
	Weight	700 Kg
	Color	Computer gray

### **SM-CDWS2020**

Computerized lead-free dual wave soldering machine



Number of pre-heaters	3
Pre-heater passage	1650mm
Body size	3300(L)*1420(W)*1750(H)
Outside dimension	3900(L)*1420(W)*1750(H)
Weight	1300KG
Total/steady consumption	24KW/6-8KW
Air supply	0.5MPa
Preheating style	Hot air
Preheater consumption	220V 8KW
Control method	PC +PLC
Range of temp. set-point	Room temperature---300°C
Preheating time	About 10-15mins for setting 150°C
Solder application	Lead-free
Solder pot capacity	320KG
Solder pot temperature	300°C
Solder pot consumption	380V 12KW
Solder temp. control method	PID&SSR
Wave motor consumption	1KW 220V
Solder melting	About 120mins for setting 250°C
PCB width	50-350mm
Conveyor speed	300-2000mm/min
Conveyor direction	L→R (R→L optional)
Conveyor inclination	4-7 °
Flux pressure/capacity	3-5 bar/6.5L

### SM-SLA6002020

SLA 3D Printer



Gross Weight	990 Kg
Net Weight	890 Kg
Color & Page	Single color
Print size (L*W*H)	600*600*450mm
Machine size (L*W*H)	1220*1297*1898mm
Volume CBM	4.16
Technology type	Laser curing, layered manufacturing
Material Type	Photosensitive Resin
Number of laser	Variable laser 1 pc
Video outgoing-inspection	Provided
Core Components	Bearing, Motor, Pump, Pressure vessel
Wavelength	UV $\lambda = 355\text{nm}$
Optical scanning system	Spot (diameter @1/e 2 ) 0.10-0.12mm
Part scanning speed	Recommended 6.0m/s
Production Capacity	3-4 Kg/Day
Voltage	110V/220V
Plate Type	GRAVURE
Gross Power	3600W
Laser type	Solid state laser Nd: YVO4
Lowest power	Forming power 350 mw (actual)
Scanning form	RTC4 Scancube14 (import)
Certification	ce,rosh,fcc, CE ROHS FCC
Operating system	Industrial computer operating system Windows 7 and above
Control system	Storm4.0
Data format	STL file
Dongle	1 copy
Coating method	Intelligent positioning vacuum adsorption coating
Normal layer thickness	0.1mm
Precision production layer thickness	0.05mm
Vertical resolution	0.0002mm
Repeat positioning accuracy	$\pm 0.01\text{mm}$
Maximum production part weight	55 Kg
Working temperature	20-26°C
Relative humidity	Below 40%, no frost knot
Part jump speed	10.0 m/s recommended

### SM-SLA8002020

SLA 3D Printer



Gross Weight	1280 Kg
Net Weight	1180 Kg
Color & Page	Single color
Print size (L*W*H)	800*700*450mm
Machine size (L*W*H)	1310*1460*2045mm
Volume CBM	5.63
Technology type	Laser curing, layered manufacturing
Material Type	Photosensitive Resin
Number of laser	Variable laser 1 pc
Video outgoing-inspection	Provided
Core Components	Bearing, Motor, Pump, Pressure vessel
Wavelength	UV $\lambda = 355\text{nm}$
Optical scanning system	Spot (diameter @1/e 2 ) 0.10-0.12mm
Part scanning speed	Recommended 6.0m/s
Production Capacity	3-4 Kg/Day
Voltage	110V/220V
Plate Type	GRAVURE
Gross Power	3600W
Laser type	Solid state laser Nd: YVO4
Lowest power	Forming power 350 mw (actual)
Scanning form	RTC4 Scancube14 (import)
Certification	ce,rosh,fcc, CE ROHS FCC
Operating system	Industrial computer operating system Windows 7 and above
Control system	Storm4.0
Data format	STL file
Dongle	1 copy
Coating method	Intelligent positioning vacuum adsorption coating
Normal layer thickness	0.1mm
Precision production layer thickness	0.05mm
Vertical resolution	0.0002mm
Repeat positioning accuracy	$\pm 0.01\text{mm}$
Maximum production part weight	65 Kg
Working temperature	20-26°C
Relative humidity	Below 40%, no frost knot
Part jump speed	10.0 m/s recommended

### SM-SLA12002020

SLA 3D Printer



Gross Weight	1420 Kg
Net Weight	1280 Kg
Color & Page	Single color
Print size (L*W*H)	1200*800*600mm
Machine size (L*W*H)	1700*1460*2310mm
Volume CBM	5.74
Technology type	Laser curing, layered manufacturing
Material Type	Photosensitive Resin
Number of laser	Variable laser 1 pc
Video outgoing-inspection	Provided
Core Components	Bearing, Motor, Pump, Pressure vessel
Wavelength	UV $\lambda = 355\text{nm}$
Optical scanning system	Spot (diameter @1/e 2 ) 0.10-0.12mm
Part scanning speed	Recommended 6.0m/s
Production Capacity	3-4 Kg/Day
Voltage	110V/220V
Plate Type	GRAVURE
Gross Power	3600W
Laser type	Solid state laser Nd: YVO4
Lowest power	Forming power 350 mw (actual)
Scanning form	RTC4 Scancube14 (import)
Certification	ce,rosh,fcc, CE ROHS FCC
Operating system	Industrial computer operating system Windows 7 and above
Control system	Storm4.0
Data format	STL file
Dongle	1 copy
Coating method	Intelligent positioning vacuum adsorption coating
Normal layer thickness	0.1mm
Precision production layer thickness	0.05mm
Vertical resolution	0.0002mm
Repeat positioning accuracy	$\pm 0.01\text{mm}$
Maximum production part weight	65 Kg
Working temperature	20-26°C
Relative humidity	Below 40%, no frost knot
Part jump speed	10.0 m/s recommended



### SM-3DPRO2020

High performance materials 3D printing machine



#### CORE PARAMETERS

Large build volume	310*310*480 mm
High printing temperature	Up to 450°C
High Chamber temperature	Up to 120°C
Build Plate Temperature	Up to 130°C

#### CORE FUNCTIONS

- Detachable liquid cooled double print head
- Power failure recovery
- Filament absent warning
- WiFi Control (cell phone control)
- Liquid cooling system

Materials	Printable Materials	PEEK ULTEM PPSU PEAK PEKK PC PA Carbon Fiber PETG TPU,etc.
	Filament diameter	1.75 mm (Open material system, Compatible with 3rd party filaments)
Build volume	Print size(xyz)	310 x 310 x 480 mm ( 12.2 x 12.2 x 18.8 inches )
Temperature	Max extruder temperature	842 °F / 450°C
	Max chamber temperature	248 °F / 120°C
	Max hot bed temperature	266°F / 130°C
3D Printer & printing properties	Layer resolution	50 Microns
	Position Accuracy	X/Y12.5 Microns Z:1.25 Microns
	Feeder system	Direct, Near end extrusion
	Extruder type	Dual , detachable
	Nozzle size	Standard 0.4 mm ,optional 0.2/0.6/0.8 mm
	Max print speed	150 mm/s
	Frame	Metal , glass
	Closed print chamber	Yes, fully enclosed
	Bed leveling	Semiautomatic
	Print bed	High viscosity fiberboard
	Display	5 inches full color touch screen
	Firmware	Open-source
	Connectivity	USB / SD Card / Wi-Fi ( cell phone)
	Temperature controlled print chamber	YES
Requirements	Slicing	Cura , IEMAI 3D ,Simplify 3D, Compatible with other
	Operating system(s)	Windows
Dimensions and weight	Machine dimensions (xyz)	702*624*1580 mm ( 27.6 * 24.5 * 62.6 inches)
	Packing dimensions (xyz)	780*690*980*2 mm ( 30.7 *27.1 * 38.5*2 inches)
	Net Weight	238KG
	Packing Weight	260 KG

### **SM-SLM3D2020**

SLM 3D Metal Printer



Size	1113×985×1880mm
Meas.	145x100x220cm
G.W./N.W	2400.00/1600.00kgs
Host space	5m <sup>2</sup>
Printing material	Metal powder
Max. building volume	150x150x120mm
Laser power	200W single-mode fiber laser
Beam focus dia.	40μm
Scanning type	High-speed galvanometer ,F-Theta lens
Max. scanning speed	7.0 m/s
Minimum oxygen	100ppm
Layer thickness	20μm-100μm
Prototyping precision	±0.1mm
File format	STL.
Input voltage	AC 200-240V 16A
Power	3.25kw
Machine weight	800Kg
Printing material	CoCrMoW
Machine size	1113mm×985mm×1880mm
Machine area	3000mm×4000mm
Package measurement	1450mm×1000mm×2100mm(wooden box)
Max. height	2200mmH

### **SM-SER2020**

Semi-auto solder paste printer



Dimensions	850 × 670 × 1550 mm
Platform dimensions	320×400 mm
PCB format	250×350 mm
Format model	550×680 mm
Print speed	0-8000 mm/min
PCB thickness	0-100mm
Power Supply	1PAC220V 50/60 HZ
Platform height	850±20mm
Precision repeatability	± 01 mm
Positioning mode	OUtside/di Riferimento del foro
Weight	Ca.270Kg
Certification	CE
Color & page	Singol color