



**ROUTER  
TECH**  
By Solucinde



# AUTOMATIC PCB SEPARATORS



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




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Bottom side - Automatic PCB Router Machine.

# RTT-30

## Automatic PCB Router Machine



-  Designed for depaneling of small PCBs.
-  Equipped with CCD calibration system.
-  Using the auto tool-change function saves time compared to manual change.
-  Upper or lower dust collector available.
-  Cycle time is reduced when loading and unloading PCBs using double work tables.

Item

RTT-30


Valid cutting size	350*300mm
Cutting function	Tweening to Line,L shape,U Shape,Circle,Arc
Process table	Dual tables
Repeat precision	±0.01mm
Cutting precision	±0.05mm
Max moving speed	XY: 1000mm/sec,Z: 600mm/sec
Max moving trip	X:700mm/Y:380mm/Z:90mm
Spindle's s speed	MAX: 60000rpm (adjustable)
Cutting speed	1-000mm/s (adjustable)
Operating system	Windows 10
Program teaching mode	Intuitive teaching by CCD color image input
Program backup	USB data transfer
Control method	Precision mutli-axis control system
XYZ axis driving mode	AC Servo motor
Size of milling tool	§ 0.8-3.0mm
Voltage/Power requirement	AC220V 50/60Hz 2.2kW 1Φ
Pneumatic pressure requirement	0.6MPa,75L/min
Dimensions (W*D*H)	1137*1340*1428mm
Weight	490kg
Dust collector	RTT-200


# RTT-31


# RTT-31s


## Automatic PCB Router Machine



 A single work table provides a small footprint.

 Equipped with Vision-CCD calibration system.

 Using the auto-change function saves time compared to manual change.

 Upper or Lower dust collector available.

## Item

## RTT-31s






Valid cutting size	300*350mm
Cutting function	Tweening to Line,L shape,U Shape,Circle,Arc
Process table	Dual tables
Repeat precision	±0.01mm
Cutting precision	±0.05mm
Max moving speed	XY: 1000mm/sec,Z: 500mm/sec
Max moving trip	X:450mm/Y:480mm/Z:90mm
Spindle's s speed	MAX: 60000rpm (adjustable)
Cutting speed	1-000mm/s (adjustable)
Tool change type	Auto tool change
Safety protection	Safety light curtain
Operating system	Windows 10
Program teaching mode	Intuitive teaching by CCD color image input
Program backup	USB data transfer
Control method	Precision mutli-axis control system
XYZ axis driving mode	AC Servo motor
Size of milling tool	§ 0.8-3.0mm
Voltage/Power requirement	AC220V 50/60Hz 1.5kW 1Φ
Pneumatic pressure requirement	0.6MPa,50L/min
Dimensions (W*D*H)	1151*212*1462mm
Weight	400kg
Dust collector	RTT-300

# RTT-32

# RTT-32s / RTT-32x

## Automatic PCB Router Machine



-  Equipped with Vision-CCD calibration system.
-  Using the auto-change function saves time compared to manual change.
-  Upper or Lower dust collector available.
-  Cycle time is reduced when loading and unloading PCBs using double work tables.
-  Design that extends the milling tool life-cycle.

### Item

### RTT-32s

### RTT-32x

Valid cutting size	350*300	450*500
Cutting function	Tweening to Line,L shape,U Shape,Circle,Arc	
Process table	Dual tables	
Repeat precision	±0.01mm	
Cutting precision	±0.05mm	
Max moving speed	XY: 1000mm/sec,Z: 600mm/sec	
Max moving trip	X:810mm/Y:315mm/Z:90mm	X:1010mm/Y:570mm/Z:90mm
Spindle's s speed	MAX: 60000rpm (adjustable)	
Cutting speed	1-000mm/s (adjustable)	
Operating system	Windows 10	
Program teaching mode	Intuitive teaching by CCD color image input	
Program backup	USB data transfer	
Control method	Precision mutli-axis control system	
XYZ axis driving mode	AC Servo motor	
Size of milling tool	§ 0.8-3.0mm	
Voltage/Power requirement	AC220V 50/60Hz 2.2kW 1φ	
Pneumatic pressure requirement	0.6MPa,75L/min	
Dimensions (W*D*H)	1285*1340*1490mm	1445*1670*1550mm
Weight	530kg	610kg
Dust collector	RTT-200	RTT-200L

# RTT-33

# RTT-33x / RTT-33z

## Automatic PCB Router Machine



3 Models for different panel sizes.



Equipped with Vision CCD calibration system.



Upper or lower dust collector available.



Using milling tool detection and automatic tool change functions to save time compared to manual change.



Design that extends the milling tool life-cycle.

### Item

### RTT-33

### RTT-33x

### RTT-33z

Valid cutting size	350*300	450*500	470*650
Cutting function	Tweening to Line,L shape,U Shape,Circle,Arc		
Process table	Dual tables		
Repeat precision	±0.01mm		
Cutting precision	±0.05mm		
Max moving speed	XY: 1000mm/sec,Z: 600mm/sec		
Max moving trip	X:800mm/Y:490mm/Z:90mm	X:1090mm/Y:690mm/Z:90mm	X:1090mm/Y:790mm/Z:90mm
Spindle's s speed	MAX: 60000rpm (adjustable)		
Cutting speed	1-000mm/s (adjustable)		
Operating system	Windows 10		
Program teaching mode	Intuitive teaching by CCD color image input		
Program backup	USB data transfer		
Control method	Precision mutli-axis control system		
XYZ axis driving mode	AC Servo motor		
Size of milling tool	§ 0.8-3.0mm		
Voltage/Power requirement	AC220V 50/60Hz 2.2kW 1Φ		
Pneumatic pressure requirement	0.6MPa,50L/min		
Dimensions (W*D*H)	1220*1150*1458mm	1500*1497*1453mm	1510*1650*1453mm
Weight	480kg	600kg	660kg
Dust collector	RTT-200	RTT-200L	RTT-200L

# RTT-336

# RTT-336si / RTT-336sx

## In-Line Automatic PCB Router Machine



Equipped with Vision CCD calibration system.



Using milling tool detection and automatic tool change functions to save time compared to manual change.



Cycle time is reduced when loading and unloading PCBs using double work tables.



3 PCB unload options: Belt, Conveyor and Fixture.



Flexible pick & place in 0 to 180° angle

### Item

### RTT-336si

### RTT-336sx

Valid cutting size	350*300	450*50
Loading method	Track Delivery	
Unloading method	Conveyer belt or track delivery	
Movement direction	Left to right or right to left	
Cutting function	Tweening to straight line, L shape, U shape, Circle, Arc	
Process table	Dual tables	
Repeat precision	±0.01mm	
Cutting precision	±0.05mm	
Max moving speed	XY: 1000mm/sec, Z:800mm/sec	
Spindle's speed	MAX: 60000rpm (adjustable)	
Tool change type	Auto tool change	
Cutting speed	1-100mm/s	
Operating system	Windows 10	
Program teaching mode	Intuitive teaching by CCD color image input	
Control method	Precision mutli-axis control system	
XYZ axis driving mode	AC Servo motor	
Size of milling tool	§ 0.8-3.0mm	
Voltage/Power requirement	AC220V 50/60Hz 2.2kW 1Φ	
Pneumatic pressure requirement	0.6MPa,200L/min	0.6MPa,200L/min
Dimensions (W*D*H)	1285*1340*1490mm	1445*1670*1550mm
Weight	530kg	610kg
Dust collector	RTT-200	RTT-200L



# RTT-386

## Automatic PCB Router Machine



Equipped with high-speed CCD vision alignment system.



Using milling tool detection and automatic tool change functions to save time compared to manual change.



Upper dust collector available.



Depaneling on the bottom side of the PCB

Item

RTT-386


Valid cutting size	300*350mm
Cutting function	Tweening to Line,L shape,U Shape,Circle,Arc
Process table	Dual tables
Repeat precision	±0.01mm
Cutting precision	±0.05mm
Max moving speed	XY: 1000mm/sec,Z: 500mm/sec
Max moving trip	X:700mm/Y:380mm/Z:90mm
Spindle's s speed	MAX: 60000rpm (adjustable)
Cutting speed	1-000mm/s (adjustable)
Tool change type	Auto tool change
Milling tool detection	Automatic router bit detector
Operating system	Windows 10
Program teaching mode	Intuitive teaching by CCD color image input
Program backup	USB data transfer
Control method	Precision mutli-axis control system
XYZ axis driving mode	AC Servo motor
Size of milling tool	§ 0.8-3.0mm
Voltage/Power requirement	AC220V 50/60Hz 2.2kW 1φ
Pneumatic pressure requirement	0.6MPa,50L/min
Dimensions (W*D*H)	1151*212*1462mm
Weight	340kg
Dust collector	RTT-300





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