

# SAM-CT23Q

High performance desktop router with high cost/performance



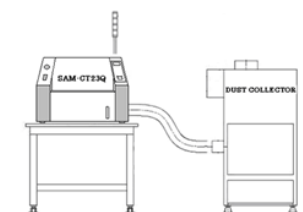
Super-compact/ cost-effective De-panelling machine (W720×D640×H500/Approx 60kg)

Smooth-cutting surface will save unnecessary using of PCB boards!

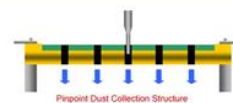
	SAM-CT23Q (Manual door)
PCB Size(Max.)	250 × 350 mm
PCB Thickness	0.4–2.0 mm
PCB Material(Resin)	FR4,CEM1,CEM3 etc...
Router bit Diameter	Φ 8.0, Φ 1.0, Φ 1.2, Φ 1.5, Φ 2.0
Cutting Speed(Max.)	50 mm/sec
Moving Speed(Max.)	400 mm/sec
Repeat Accuracy	±0.02 mm(XY)
Z Axis Stroke(Max.)	25 mm
Router Depth setting	STD Manual 3 stage (OPT AUTO 2 stages)
Spindle Spec.	STD 40,000rpm (OPT 5,000–60,000rpm)
X,Y,Z Axes Control	AC Servo Motor(XY) Cylinder(Z axis)
Power Voltage	φ 1 AC230V 50/60Hz
Power Consumption	Approx.1.2KVA
Pneumatic Pressure	0.5–0.7Mpa
Air Consumption	Approx.10L/min (A.N.R)
Weight for Main Unit	Approx.60kg
Outer Dimension	W720 × D640 × H500mm(Manual)
W × D × H(mm)	

1 Simple layout keep cost down.

2 Compact desktop design is perfect for cell production.



3 Dust Collection from underside of cutting JIG, thus minimized adhesion of dust.

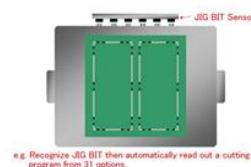


4 Cutting Jig Can be Compatible with Upward Class NJ Series Machines.

5 Create and edit cutting data based on DXF data. Start up the Teaching application PCB-EDIT2 on the PC and then just click somewhere you want to cut on the screen.(PCB-EDIT2).

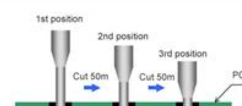


6 Automatic select cutting program with JIG BIT system from 31 program.



e.g. Recognize JIG BIT then automatically read out a cutting program from 31 options.

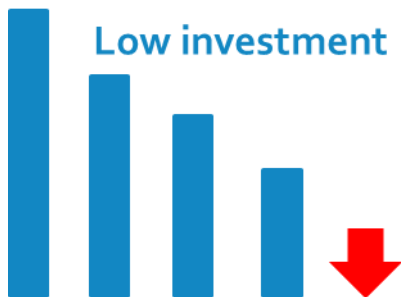
7 Extended router bit's life by the function of Z axis height 3 stages manual changeover. It reduced running cost.



## The reason why Sayaka router 23Q is chosen by customer

### 1. Super-compact and Cost-effective Router Machine

Sayaka router machine **doesn't occupy much space**, if you don't have much working space, It will fit to your working space. If you are looking for compact router machine, **23Q will give you the best option to reduce the first investment cost.**



### 2. Smooth cut surface

The surface of PCB board will be cut very smooth by 23 Q and **minimize the stress on PCB board.**

Finally it leads to the high-quality of your product as well.

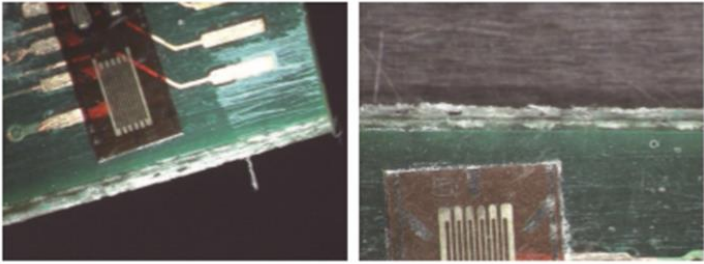
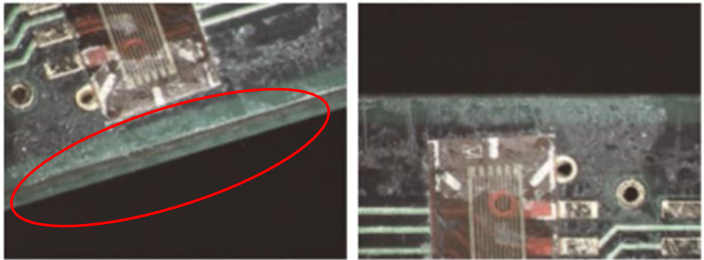
After you use it at your workplace, you will realize the good performance of 23Q.

Sayaka has been manufacturing de-panelling machine **for 26 years in SMT field**, and through the long-term experience, Sayaka can offer you high-quality router machine.

The cut surface is more accurate than other competitors.

In case you cut the PCB board by hand, the cut part will be distorted due to human operation.

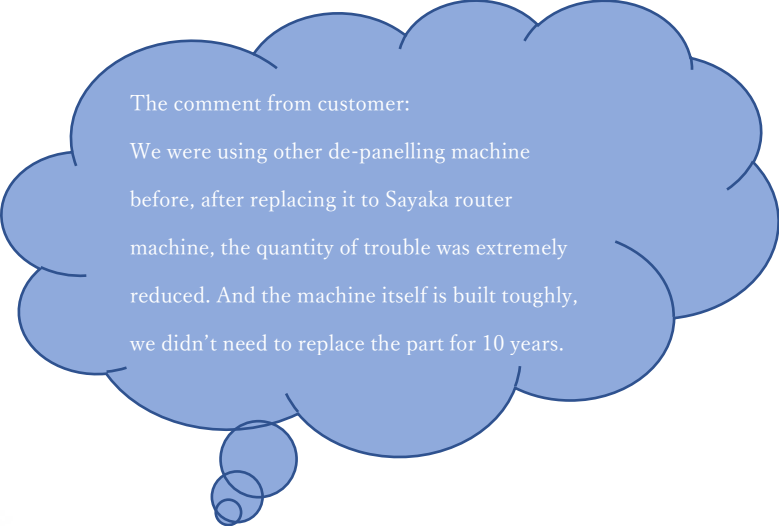
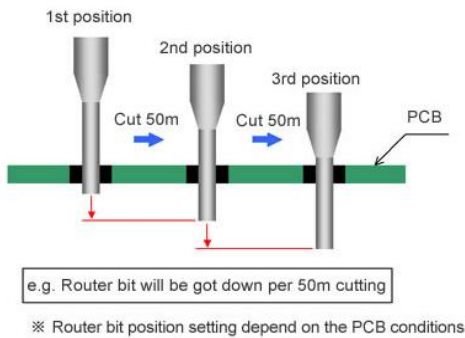
And you don't need to worry about the human error, labor accident by using Sayaka router machine and **23Q will enable you to save the time**, compared with operator.

Cutting method	Enlarged image of cutting part
V notch roller cutter	
Router machine 23NJ	

### 3. Japan High-quality/ Low maintenance

Sayaka router machine is built toughly. Even after many years of use, **customer doesn't need to replace the parts periodically.** It has a strong durability.

Moreover, the height of router bit can be changed manually into 3 phases, it enables router bit to be used for quite long time.

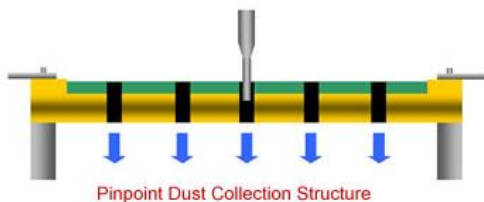


### 4. Pinpoint dust collection leads to good quality of your final product

Dust collection from underside of cutting fixture, it minimizes adhesion of dust on the PCB board. Our customer is really satisfied with this point and it will lead to the good quality of your product as well, we believe.

You don't need to place blower to clean up the dust adhered on the surface of PCB board, it means **1 process of blower in the manufacturing line will become unnecessary.**

Finally you can save cost and space by reducing blowing process.



Dear Customer,

Do you have any problem about cutting PCB board?

Please take a look at your workplace again, there might be a chance to improve the productivity.

Your decision might reduce the trouble at your factory, and finally it will bring you the benefits.

If you are interested in it, please feel free to ask us for a quotation.

*We assist you with your step into the future of  
manufacturing!*

*Please contact us for more information.*

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