

R100 PCB Depaneling Router

Low stress singulation of tab routed PCB panels.

PCB Singulation Router with Dust extraction channels.



Safely Singulate PCB panels by finish routing tabs.

Depanelize Boards with overhanging components.

Adjustable Spindle Speed up to 35,000 RPM

Built in Dust Extraction Channel.

Adjustable guide pin positions for curved panels.

Singulate panels of any size.

Dust Extractor Vacuum Available Separately.

Router Bits 1/32" 3/64" 1/16" 3/32" 1/8"

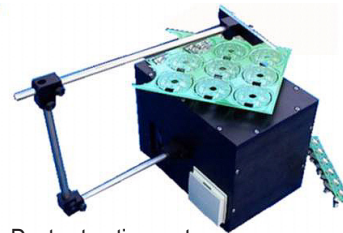
The R100 is a high speed table top PCB router with built in dust extraction channels. This tool is intended to be used to finish singulating tab routed PCB panels by manual operation. Two guide pins, one in back of the router bit and one in front of the router bit assure that the board will be guided past the tool along the line of the routing channel, for clean and straight separation of the panel. Both the front guide pin and the back guide pin can be adjusted to match the gap between the pin and the tooling bit required for the tab size on the pcb. Rotating the guide pin positioning plate will allow you to match the curvature of the cutting path to that of a round PCB panel.

To operate, switch on the machine and set the speed to 30,000 rpm. Place the tab of the panel between the front guide pin and the router bit and bring the tab into the router bit for cutting into single panels. The standard machine comes with one .090" milling bit for PCB routing along with 3 guide pin slide blocks with .094" dia. pins. (One .094" dia. pin slide block pair for round panels, front and back of router bit. One double pin pair for straight panels.) Height of the router bit is adjustable by means of a crank on the side of the machine which brings the entire spindle up or down.

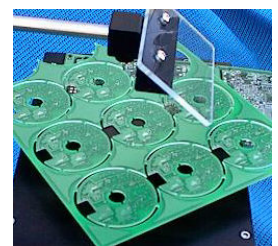
Standard router bit sizes are listed below. Guide pin Diameters can be made to customer requirements.

Specifications

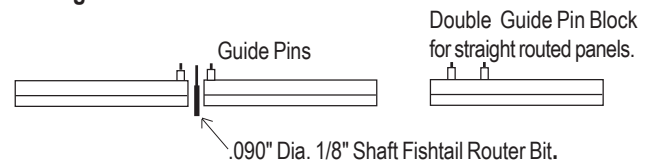
Size: HWD 9" x 8" x 12"
Weight: 40 lb (18Kg)



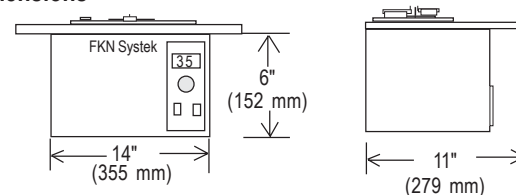
Dust extraction port.



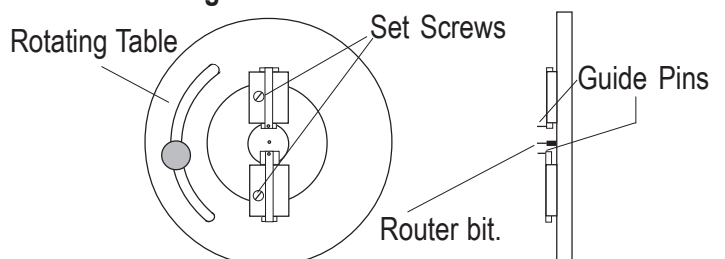
Positioning Pin Slide Blocks



Dimensions



PCB Positioning Element.



Order Information	
01-0100R	Router
01-0031R	.0313" Dia. Milling Fishtail Router Bit 1/32
01-0047R	.0469" Dia. Milling Fishtail Router Bit 3/64
01-0063R	.0625" Dia. Milling Fishtail Router Bit 1/16
01-0094R	.0937" Dia. Milling Fishtail Router Bit 3/32
01-0125R	.1250" Dia. Milling Fishtail Router Bit 1/8

Dust Extraction Vacuum	
00-V100	Standard 110 V

