

## Compact PCB Singulator for Close Component Spacing.

K7000 Singulates panels with components up to .030" apart.

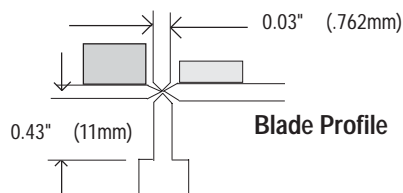
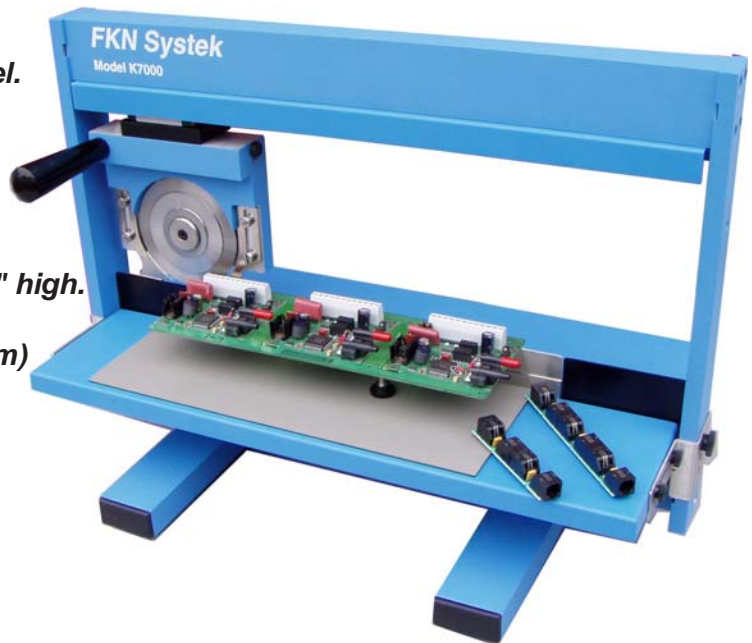
**Blades Made of Long Lasting High Speed Steel.**

**Linear Blade 12" (305mm) long.**

**Front and Back adjustable work table.**

**Singulate Panels with Components up to 2.25" high.**

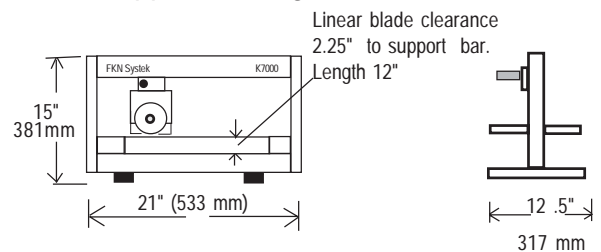
**Linear and circular blade profile 0.03" (.762mm)**



The K7000 is a circular linear blade depanelizer developed to singulate prescored PCBs with very tight component spacing. The linear blade is 12" (304mm) long and has a .030" (.762mm) thin symmetrical cutting edge designed particularly for PCBs with closely spaced components.

The circular blade is 3.8" (71mm) in diameter and has the same cutting edge profile as the linear blade. (.030".762mm) This blade is mounted on a round shaft with the center line of the cutting blade passing directly through the middle of the support bearing.

Because the cutting edge of both the circular and linear blades are centered down the middle of the blade, the blade will pass down the center of the scored section with equal displacement on each side.

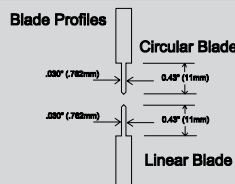


### Setup and Operation

Set the machine on a clean well lit workplace, remove the blade carriage holding screw and check to see that the blades are adjusted to the correct cutting depth. Set blade guards to just clear the score-line. Place the PCB scoreline onto the linear blade and pull the circular blade carriage across the scoreline to cleanly singulate into individual panels.

### Order Information

|          |                              |
|----------|------------------------------|
| 99-7000K | 12" Linear Blade depanelizer |
| 99-7001  | Circular blade               |
| 99-7002  | 12" Linear Blade             |



### Specifications

Size: HWD 16x21x13" (392x533x330 mm)  
Weight: 20 lbs (9.6 kg)

### Placement of components to edge.

- > .04" (1mm) for standard components
- > .08" (2mm) for sensitive components (ie. ceramic chip capacitors.)

### Recommended Scoring Depth

- > .012" < .027" 25° V Score
- > .3 mm < .7mm

