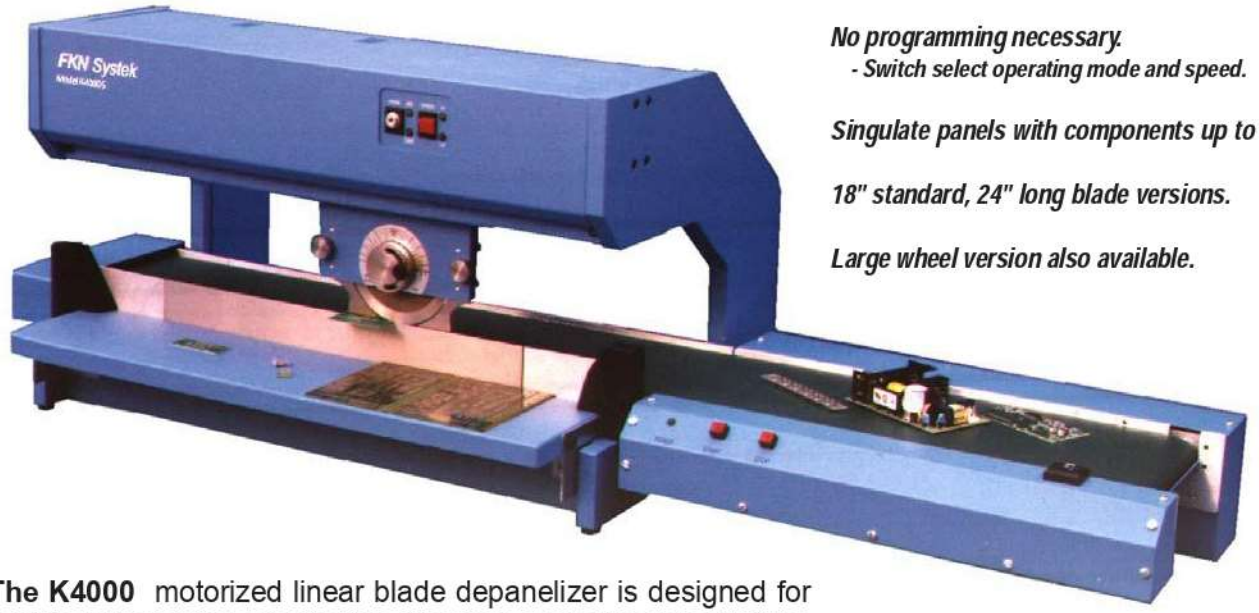
K4000 PCB Depaneler

FKN Systek
Tools For Electronics Assembly

Motorized Circular/Linear Blade Depanelizer

Singulate scored and skip scored panels up to 24" long



No programming necessary.
- Switch select operating mode and speed.

Singulate panels with components up to 2.5"

18" standard, 24" long blade versions.

Large wheel version also available.

The K4000 motorized linear blade depanelizer is designed for flexible high volume singulation of scored and skip scored PCBs. Simply place the scored section of the PCB onto the linear blade and step on the foot switch to bring the circular blade carriage across the top of the scoreline to split the panels. The top circular blade can be adjusted up and down to provide a cutting gap most suitable for the panel being singulated.Standard setting is to close the gap to the point where a piece of paper placed on the linear blade will cause the circular blade to rotate when traveling across the linear blade.

Options

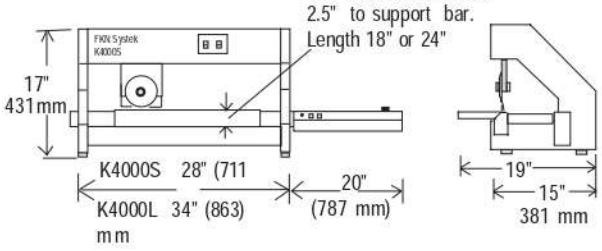
Output Conveyor.

Light Safety Guard.

Dust Extraction Unit.

Adjustable right and left blade guards assure operator safety and can be set to only allow the blade to pass over the scoreline. The front support table can be set at a convenient heigth for optimal operator comfort. Operating mode is switch selectable for speed (6 ips or 12 ips) and for continuous or intermittened blade travel. In intermittened mode the blade will move as long as the operator holds down the foot switch.

Dimensions



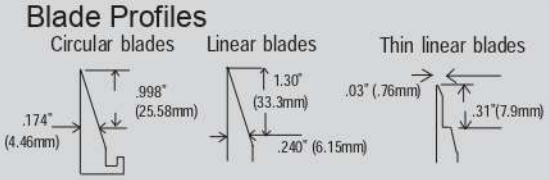
Order Information

97-4000KS	18" Linear Blade 5" Circular.
97-4000KL	24" Linear Blade 5" Circular.
97-4000BL	24" Linear Blade, 7" Circular.
98-4000CS	Output Conveyor for 4000KS.

Specifications

Size: HWD 17"x28"x15". (431x711x 381 mm)
Weight: 90 lbs
Power Supply: Universal 115V-220V.

Blade Profiles



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

FKN Systek, 86 Kendall Avenue, Framingham, MA 01702. Tel. 508 935 2282 Fax 508 935 2286 FKN@fknsystek.com