

K-25 Radial

CUT & FORM RADIAL COMPONENTS TO MIL-SPEC

*Dies and Feeders Available for Transistors, LEDs, Capacitors, and SIPs
Tube Feed, Bowl Feed, or Hand Feed on One Complete System*

*K-25 Base System
Shown with Tube Feeder*



VARIETY OF RADIAL DIES

- *Precision Mil Quality Cutting and Forming Dies*
- *Snap-In, Stand-Off, Lay-Over, and Cut-Only Forming*
- *Fixed Dies Ensure Reliability*
- *Leads Clamped Before Cutting and Forming*

VARIETY OF COMPONENTS/FEEDERS

- *T0-220, T0-92, T0-18, T0-5, LED and Capacitor Forms*
- *Easily Convert Between Bowl, Tube or Hand Feed*
- *Wide Selection of Standard Forming Dies*

Cut and form the leads of transistors, capacitors, SIPs, LEDs, and other radial components into virtually any shape. The **K-25** Universal Lead Former reforms leads for new hole positions, creates lock-ins, stand-offs, layovers, and even prepares leaded components for surface mounting.

Regardless of whether your components are packaged in bulk, in tubes, in magazines, or loose, Manix can custom design a **K-25** system to meet your most demanding assembly needs.

Reliably process bowl fed components as high as 5,000 pph, tube fed components up to 3,000 pph, or hand fed components at 2,000 pph.

The **K-25** is designed for easy setup, long life, and low maintenance operation. A rugged, cast aluminum base unit houses dual cams on a factory mounted single shaft which control the forming and cutting. This preset dimension assures uniform Mil-Spec lead forming and component integrity. Run-out or dimension change during operation are eliminated.

The complete **K-25** system consists of a rugged, motorized base with a preset component counter, a quick change feeding system, and individual lead forming dies. Purchase the entire system or just the base unit, single feeder, and an individual die. Add other feeders and dies as future manufacturing needs arise. All feeders and dies install in a matter of minutes.

The **K-25** system includes installation and training at your site, a one year warranty, parts and labor, a tool kit, and operators manual.

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PRINCIPLE OF OPERATION

The **K-25** is a precision lead forming system designed for all standard and custom designed radial components. The system consists of three components: a base unit which houses the motor, system controls, parts counter, drive shaft, and timing cams; a quick-change bowl, magazine, tube holder,

or hand feed chute; and a standard or custom designed lead forming die. All operations are powered and timed by factory set cams mounted on a central drive shaft. A separate cam controls lead clamping, forming, and cutting. Feeders and dies bolt in place in minutes. All lead

forming specifications are determined by the die; there is no need for preliminary adjustment or repeated quality control checks. At the completion of each cycle, the formed component falls into a collection bin, magazine, or receiver tube.

SPECIFICATIONS

Base System Specifications

Dimensions: 17" W x 28" D x 16" H
Weight: 80 pounds
Speed: Up to 25,000 pph
Utilities: 120 VAC
 30 psi dry air (if necessary)

Bowl Feeder Specifications

Components: Capacitors, Transistors, Power Transistors, LEDs, SIPs, ZIPs
Speed: 5,000 pph (approx.)
Utilities: 110 VAC
Drive: Separate Vibratory Control

Tube Feeder Specifications

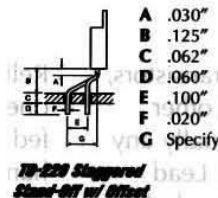
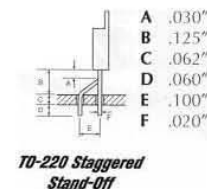
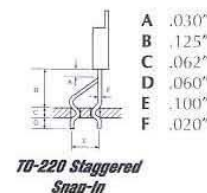
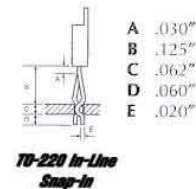
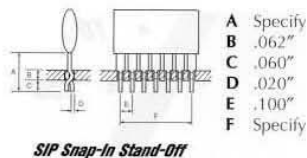
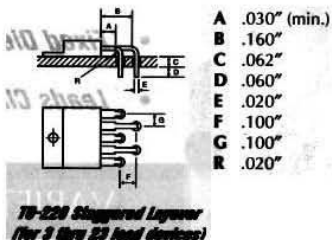
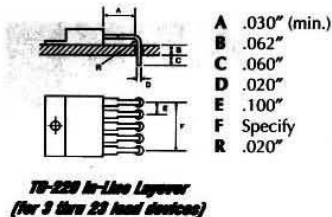
Components: Power Transistors, SIPs, ZIPs
Speed: 3,000 pph (approx.)
Utilities: None Required
Drive: Gravity Feed

Magazine Feeder (Hand Chute) Specifications

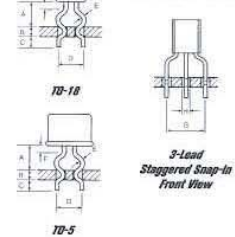
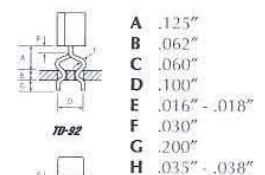
Components: Capacitors, Transistors, Power Transistors, LEDs, SIPs, ZIPs
Speed: 2,000 pph (approx.)
Utilities: None Required
Drive: Gravity Feed



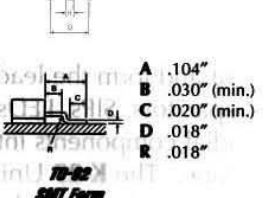
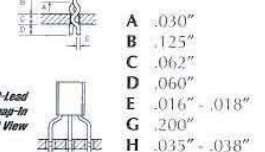
K-25 SYSTEM SHOWN
WITH BOWL FEEDER



3-Lead Staggered Snap-In



3-Lead In-Line Snap-In



ORDERING INFORMATION

K-25: Base System (less Feeders and Tooling)
K-25-AK: TO-5/18 Transistor Bowl Kit (w/Tooling)
K-25-AK-1: TO-92 Transistor Bowl Kit (w/Tooling)
K-25MK: SIP/Transistor Magazine Kit (w/Tooling)

K-25SK: SIP Tube Kit (w/Tooling)
K-25TK: TO-220 Tube Kit (w/Tooling)
K-25WK: TO-220 Bowl Kit (w/Tooling)
K-25TS: Receiver Tube Holder (for K-25TK)

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