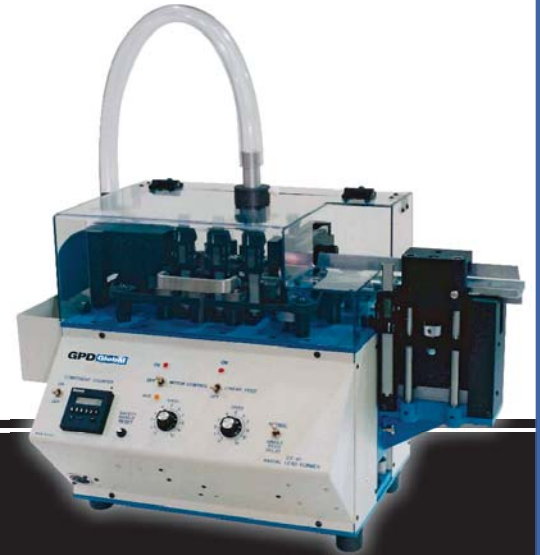


# CF-10



## Radial Lead Former

### Forms *Loose/Bulk* Radial Leaded Components

- GPD's CF-10 forms and cuts 2, 3, 4, 5, and 7-leaded loose/bulk radial leaded components precisely and repeatedly in standard and special forms.
- Built to be rugged and low maintenance.

The CF-10 Loose/Bulk Radial Lead Former is capable of forming loose radial components at rates up to 5,000 parts per hour with its variable speed motor. Its three die stations are independently adjustable in height. The unique shuttling mechanism enables a wide variety of components to be formed:

- TO-202s
- LEDs
- TO-218s
- Capacitors (uniform body shape)
- TO-220s
- TO-126s
- TO-92s

The tooling and shuttles are easily replaced in minutes, minimizing the change-over time from one set up to another. Loose radial components with 2 or 3 leads are fed into the machine manually. A tube feeder for TO-220s with 3, 4, 5, or 7 leads is also available. The components are fed via the vibratory track, shuttled into position, and captured by the use of two timing belts.

A component is aligned in the shuttle and transported into position to the first of three die stations. The vertically adjustable die stations feature standard micrometer scales with display increments to 0.001" (0,025 mm). When one cycle is complete, the machine indexes and presents the next component to be formed. Waste leads exit through either a chute or, in the case of TO220s, by means of a vacuum system. Formed components are collected in a parts bin.

**GPD Global**®

611 Hollingsworth Street, Grand Junction, CO 81505  
tel: +1.970.245.0408 • fax: +1.970.245.9674 • email: request@gpd-global.com • web: www.gpd-global.com

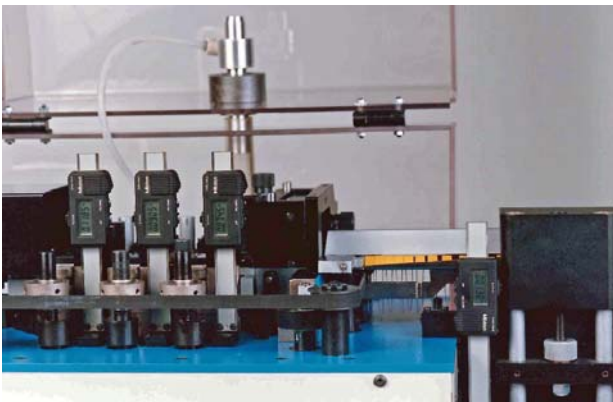
# CF-10 Features

## Component Forming Dies

CF-10 component forming dies are precisely manufactured and are available to form a wide variety of component types. CF-10 forming dies are easily installed and can be ordered to form various component configurations. Custom dies for specific forming jobs are also available from GPD. Refer to the GPD CF-10 Die Catalog for standard available tooling.

## Micrometer Adjustment

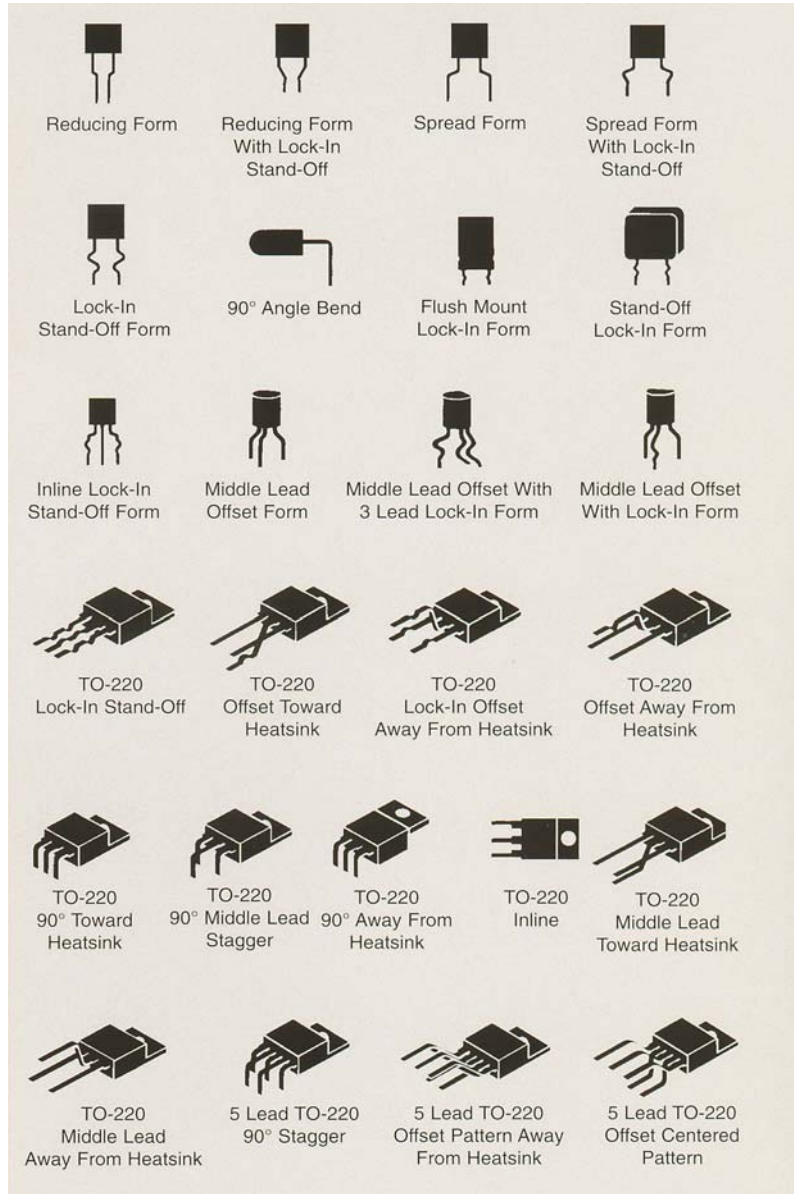
- The micrometer adjustment is included with every CF-10 on all three die stations and the vibratory track.
- 0.001" (0,025 mm) Micrometer Adjustment
- ± 0.002" (0,051 mm) Height Adjustment Repeatability
- The micrometer adjustment allows the operator to quickly set up the CF-10 to the correct settings for forming or cutting radial component leads.



**Micrometer adjustment** included with every CF-10. Allows the operator to quickly set up the CF-10 to the correct setting for forming or cutting radial component leads.

# Component Forms

A few of the most common forms:



## Specifications

- Height ..... 17.00" (43,2 cm)
- Length ..... 24.50" (62,2 cm)
- Width ..... 11.75" (29,8 cm)
- Power ..... 110 volt, 60 Hz or  
230 volt, 50 Hz
- Air - clean & dry ..... 70 psi (483 kPa)
- Weight ..... 127 lbs (57 kg)

# CF-10 Equipment & Accessories

## Single Feed Delay

(Optional Accessory)

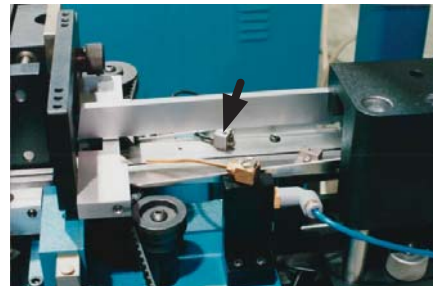
Use the Single Feed Delay for “tough to handle” components such as tantalum and disk capacitors. Single Feed Delay allows the operator to place components in the CF-10 at the belt “pickup point”.



## Hi-Lo Track Sensors

(Optional Accessory)

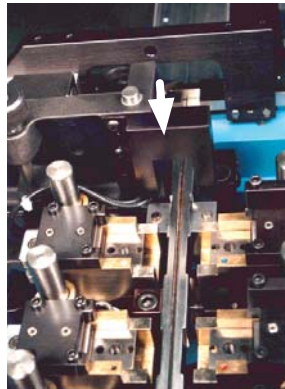
These sensors work directly with the TO-220 Tube Feeding System to keep component feed speed in sync with forming speed and to avoid feeding issues with the last few components to be processed.



## Component Counter

(included with CF-10)

The component counter can be used for totaling or pre-determined count functions.



## Vacuum Waste Removal System

(included with CF-10)

The vacuum waste removal system provides a quick means of removing waste leads following trimming of TO-220s. This feature is required when cutting TO-220s.



## Single Tube Feeding

(included with CF-10)

The single tube feeder efficiently presents TO-220s for forming.



## Spare Parts Kits

(Optional Accessory)



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Specifications are subject to change without notice  
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