

Bulk Capacitor Lead cutting & Forming machine

SM-306B



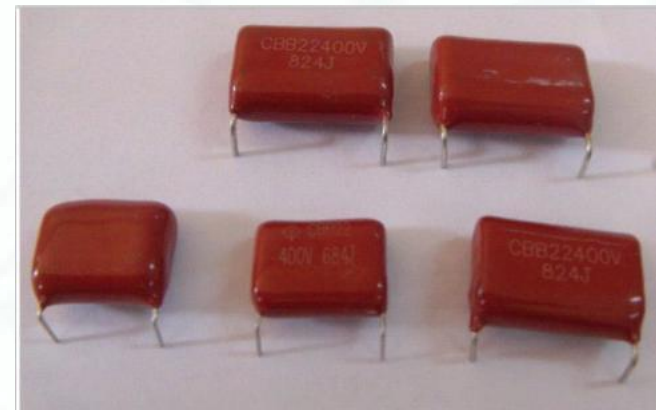
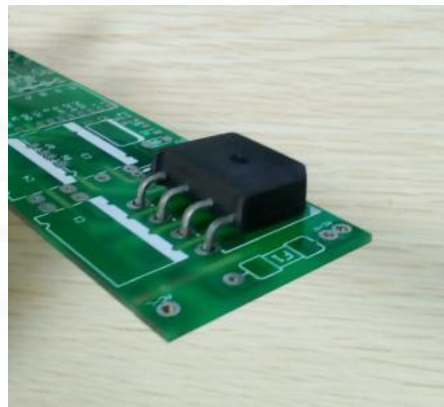
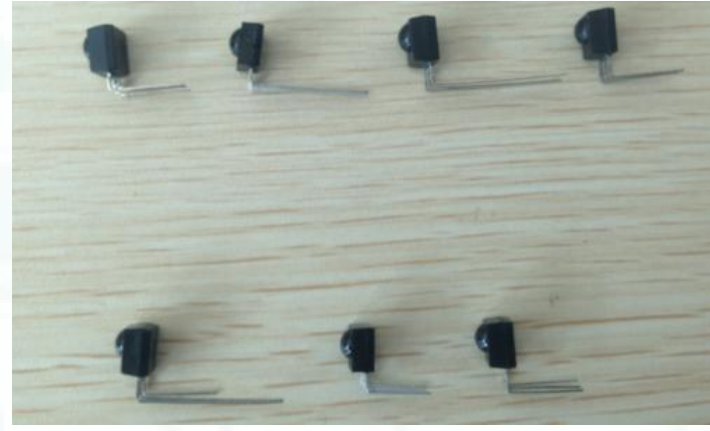
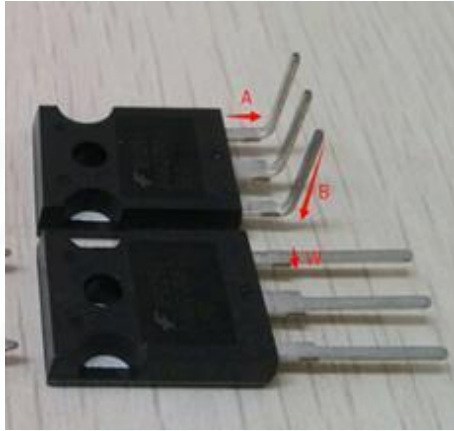
Product Overview

The **SM-306B** Bulk Capacitor Lead cutting & Forming machine is designed for processing bulk radial lead components, including capacitors and similar through-hole electronic components.

The machine can complete lead cutting and lead forming in one automatic process, making it suitable for customers who need to process components in batches before manual PCB insertion.

For different component types, sizes, and lead-forming requirements, customized fixtures, forming dies, or vibration bowls may be required.

Sample image



Main Functions

The **SM-306B** can support the following processes:

- Lead cutting
- Lead length trimming
- Lead preforming
- 90-degree lead bending
- K-type forming
- Front and rear K forming
- Inward lead bending
- Long and short lead cutting

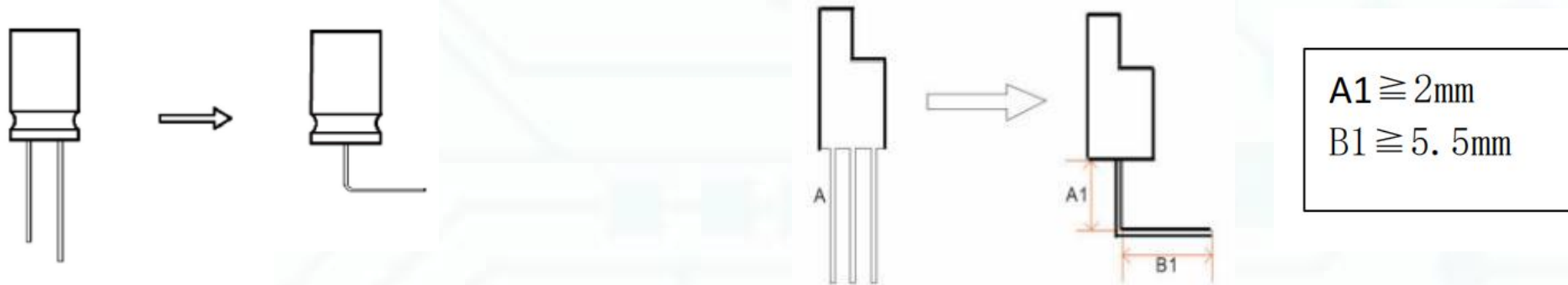
The machine can complete cutting and forming in one process, helping improve production consistency and reduce manual preparation work before PCB assembly.

Forming Capability

The machine supports 90-degree forming and K-type forming for radial components.

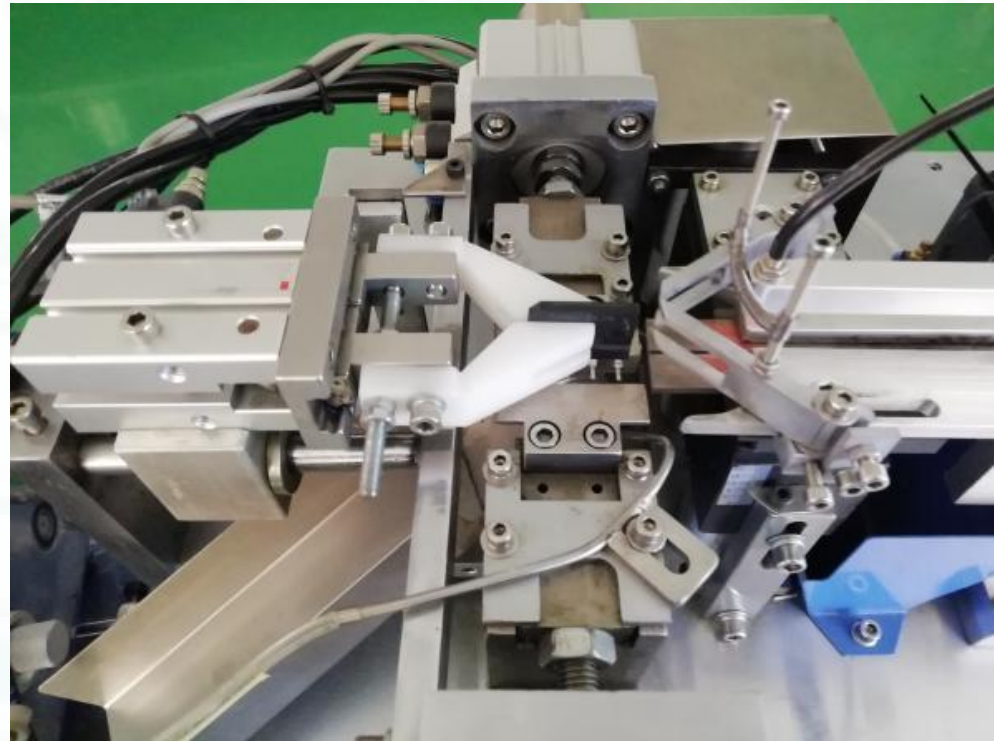
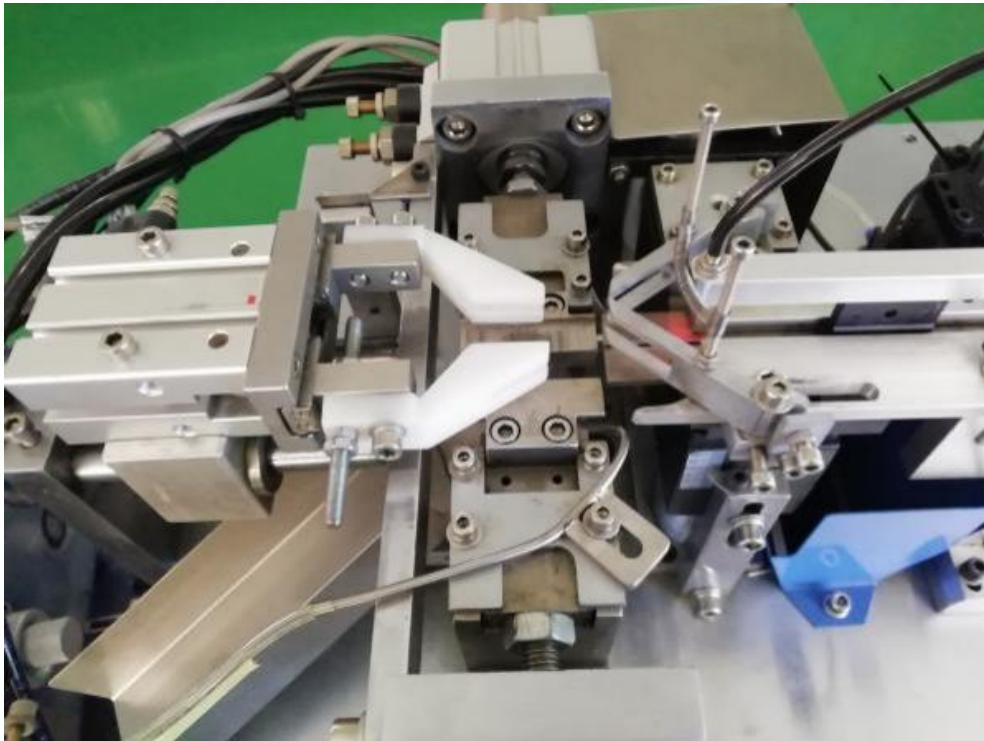
For different materials or component shapes, the forming fixture or forming die may need to be customized.

Reference forming dimensions:



- ▶ For the customer's capacitor, the final forming angle and dimensions should be confirmed according to the actual drawing and sample. A forming angle of 90–95 degrees can be evaluated after sample confirmation.

Machine details



Work status image capture

Technical Specifications

Item	Specification	Item	Specification
Model	SM-306B	Lead Length Adjustment	Adjustable
Machine Type	Automatic Bulk Radial Component Lead Cutting and Forming Machine	Feeding Method	Customized vibration bowl according to component type
Power Supply	220V AC, 50Hz	Forming Type	90-degree forming, K-type forming, inward bending
Production Capacity	Approx. 2,200–2,500 pcs/hour	Tooling	Customized fixture or forming die may be required
Applicable Components	Bulk radial lead components	Machine Weight	To be confirmed according to final configuration
Minimum Lead Length	3 ± 0.5 mm		

Key Features

▶ **Automatic Cutting and Forming**

The machine can automatically complete lead cutting and forming in one process, reducing manual handling and improving production efficiency.

▶ **Suitable for Batch Processing**

It is suitable for batch preparation of radial components before manual PCB insertion, which matches the customer's current production process.

▶ **Customized Feeding System**

The vibration bowl can be customized according to the actual component size, shape, and feeding direction.

▶ **Flexible Forming Options**

The machine supports different forming types, including 90-degree bending, K-type forming, and inward bending.

▶ **Custom Tooling Available**

For special components or specific forming dimensions, customized fixtures and forming dies can be provided.

Best After-sales service

- **7x24 Worldwide Support**
- **Free Installation/ Training**
- **1 day lead-time (spare parts)**
- **1 Month customize solution**



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