

# Southern Machinery feeder solutions for SMT &THT

Enhancing efficiency and precision in electronics manufacturing, including axial, radial, tube, vibratory bowl, belt, label, and tray types

- Designed to automate the handling and placement of various electronic components,
- From standard to odd-form parts.
- Programmable controls,
- High compatibility with ANY SMT machines,
- Robust construction, and improved labor utilization,
- Aiming to reduce manufacturing costs and boost productivity in smart factories



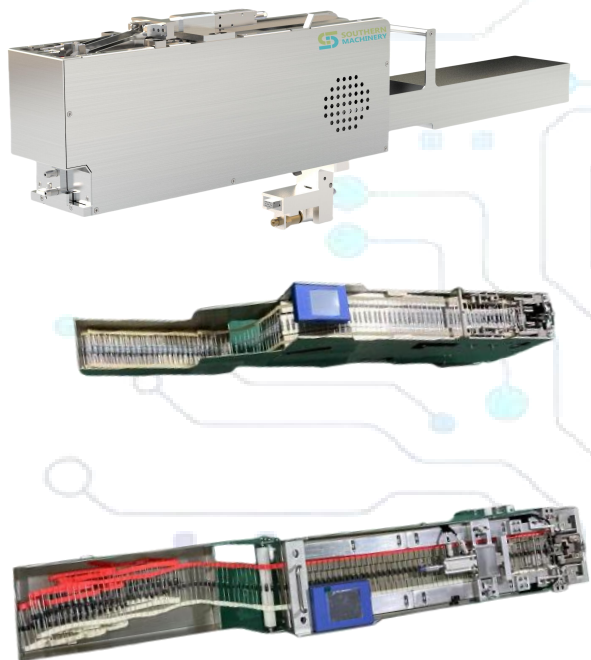
**Specialized in Design And Manufacturing SMT THT**

Address: Room 1806, Block 3, Jinyun COFCO, Qianjin 2nd Road ,Baoan District, Shenzhen City, CN 518102  
Machine  
TEL: 0755-83203237; FAX:0755-23240492 Website: www.SMThelp.com

[info@SMThelp.com](mailto:info@SMThelp.com)

# SAF1001 Axial Tape Feeder

## Functional features:



- Integrates with SMT machines for auto insertion, saving labor, and boosting machine utilization
- Supports various non-standard equipment, reducing design cycles and improving stability and utilization..
- Achieves precise U-shaping and lead trimming for relays through an efficient linkage mechanism.
- Enables automated production with robotic arms, replacing manual labor.
- Processes components such as horizontal resistors, diodes, and braided jumpers (JW).
- Offers an optional paper tape return

Category	Parameter	Specification
Overall Dimensions	Length × Width × Height	730 × 95 × 212mm
	Weight	8Kg
Applicable Materials	Material Types	Taped resistors, taped triodes, taped jump wires
	Material Size	3 × 3mm-6 × 20mm
	Tape Width of Materials	35mm,64mm,92mm(customized according to different widths)
	Thickness of Taping Paper	>0.2mm
Structural Parts	Feeding Method	Horizontal taping tray, incoming materials in boxes
	Feeding Power	Air cylinder forward-pushing type
	Material Positioning Method	Optical fiber sensing + air cylinder fine-tuning
	Fixing Method	Positioning key + pressing block, supports other fixed structures
	Waste Tape Recycling	Front-end vertical dropping(reflow type can also be selected)
Electrical Parts	Working Voltage	24V
	Average CurrentPeak Current	1A3A
	Working Air Pressure	0.4-0.6Mpa
	Operation Mode	Button operation
	Upper Computer Connection	8-core e16mm aviation plug
	Communication Mode	Supports IO communication or self-control without communication
	Software Control	Developed based on PLC
Feeding Parts	Drive Mode	Solenoid valve
	Feeding Speed	0.8S
	Speed Gear	Air pressure speed regulation
	Feeding Accuracy	± 0.3mm
Detection Records	Feeding Test	Achieve 1000 consecutive feeding times without abnormality
	Aging Test	Continuous operation for 48 hours without abnormality
	Service Life	1 years



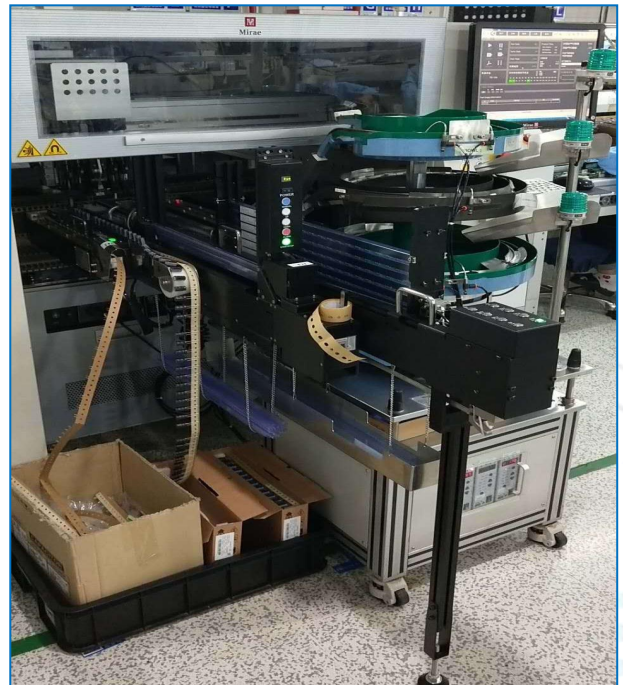
**Panasonic CM602 odd form machine  
install tube feeder+bowl feeder**



**JUKI odd form machine install tube  
feeder+bowl feeder+radial tape  
feeder**



**YAMAHA odd form machine install  
*tube feeder***



**Mirae odd form machine install tube  
feeder+bowl feeder+radial tape  
feeder**

# Your Trusted Partner for SMT & THT Solutions

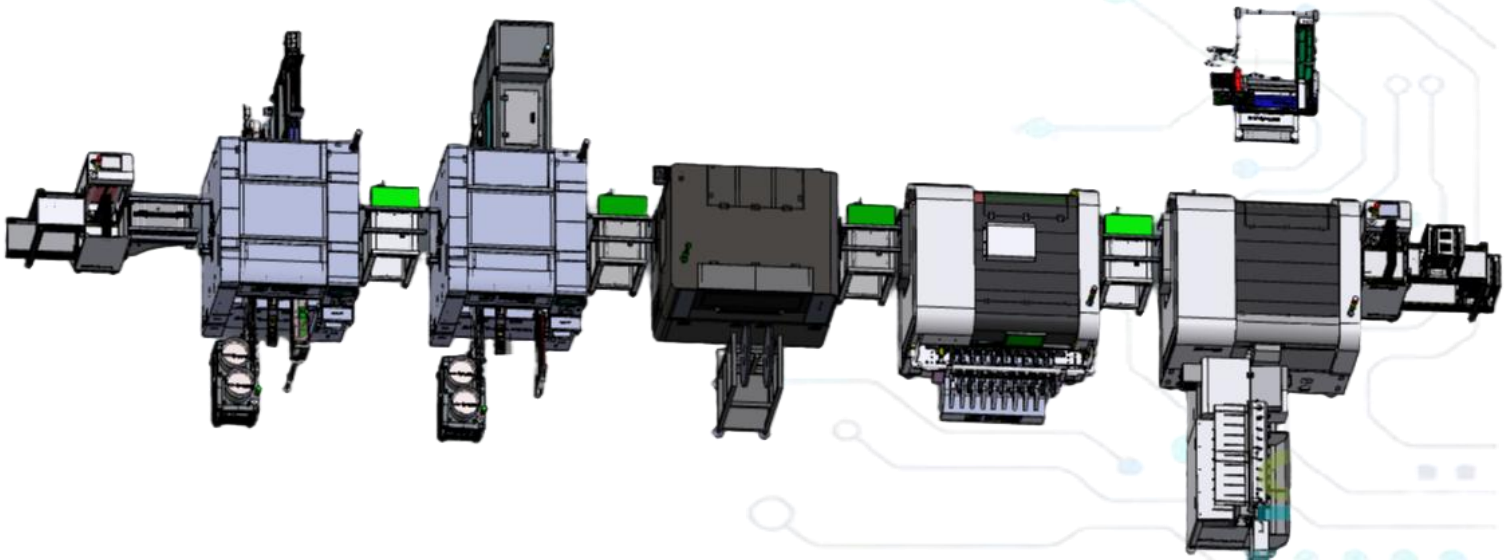
Founded in Shenzhen in 2011, Southern Machinery specializes in designing and manufacturing advanced SMT/THT machinery for PCB assembly automation. Our precision-engineered equipment delivers cost-effective, high-efficiency solutions for both high-speed mass production and delicate small-batch manufacturing, ensuring durability and user-friendly operation.

Leveraging Shenzhen's electronics manufacturing expertise, we provide not just top-tier machinery but also industry-leading knowledge and best practices to global clients.

Explore our solutions at [www.smthelp.com](http://www.smthelp.com), follow our innovations on:

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Shaping the Future of Electronics Manufacturing.



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