

Southern Machinery feeder solutions for SMT & THT

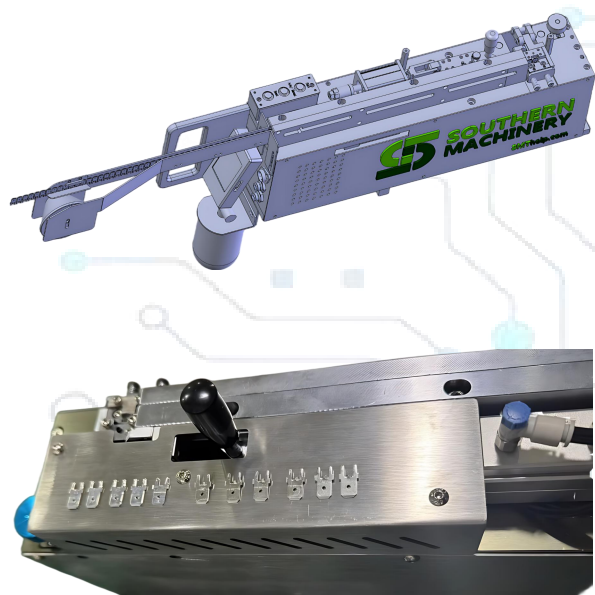
Enhancing efficiency and precision in electronics manufacturing, including axial, radial, tube, vibratory bowl, belt, label, and tray types

- 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



SRT7001 Reel Terminal Feeder

Functional features:



- Automates cutting and feeding of Reel Terminal for SMT THT machines and automated lines.
- It integrates with robots for automated, labor-saving production,
- Improving efficiency and stability

Category	Parameter	Specification
Overall Dimensions	Length × Width × Height	550 × 130 × 110mm
	Weight	10 Kg
Applicable Materials	Material Size	Tab 6.35 x0.81mm
	Profile Height from PCB	10.21mm
	Material Types	Reel Terminal
Structural Parts	Conveying Method	Feeding by motor propulsion
	Cutting Method	Cutting off by air cylinder driving the cutter
Electrical Parts	Working Voltage	24V
	Average Current/Peak Current	1.5A3A
	Working Air Pressure	0.4-0.6Mpa
	Operation Method	Button operation
	Upper Computer Connection	8-core s 16mm aviation plug
	Communication Method	Supports IO communication or self-control without communication
	Software Control	Based on PLC
	Driving Method	Stepper motor
Feeding Parts	Motor Type	42-step motor
	Maximum Motor Speed	600 rpm
	Feeding Speed	Time for supplying one material: 0.8s
	Feeding Precision	± 0.5mm
	Material Shortage Detection	Alarm for abnormal feeding when no material is detected for 3 consecutive times
Inspection Records	Feeding Test	Achieve 500 times of continuous feeding without abnormality
	Aging Test	Continuous operation for 48 hours without abnormality



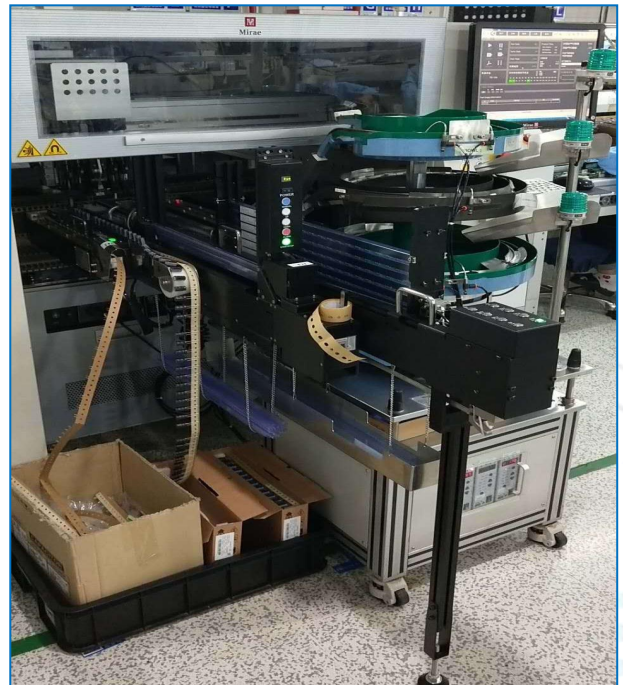
**Panasonic CM602 odd form machine
install tube feeder+bowl feeder**



**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, follow our innovations on:

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Shaping the Future of Electronics Manufacturing.

