

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

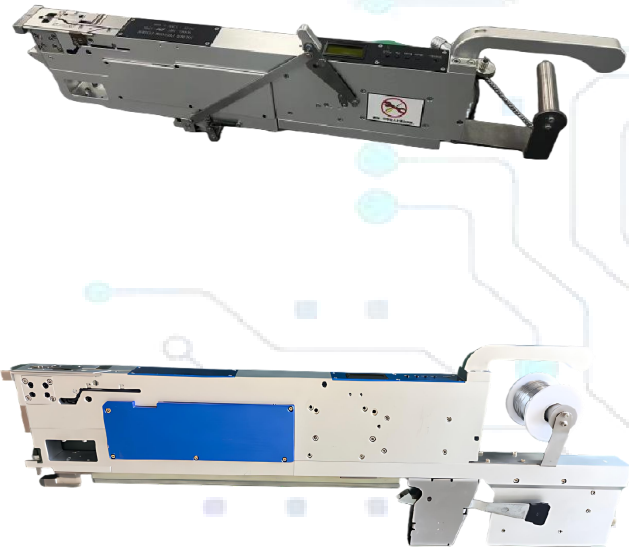
- Designed to automate the handling and placement of various electronic components,
- From standard to odd-form parts.
- Programmable controls,
- High compatibility with ANY SMT machines,
- Robust construction, and improved labor utilization,
- Aiming to reduce manufacturing costs and boost productivity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



SSPC101 Solder Chip Feeder

Functional features:

- Automates cutting and feeding of coiled tin sheet/wire for SMT 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	540 × 115 × 230mm
	Weight	7Kg
Applicable Materials	Material Size(Width)	Width:1-16mm (Accessories need to be replaced for different widths)
	Material Size(Thickness)	Thickness:0.1-1mm
	Material Types	Solder wire, solder sheet
Structural Parts	Feeding Method	Coil-fed material
	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
	Motor Type	42-step motor
Maximum Motor Speed	600 rpm	
Feeding Parts	Feeding Speed	Time for supplying one material:1.2S
	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.

