

Innovative SMT/THT Odd Form Feeder Solution - Boosting Efficiency and Precision in EMS Smart Factories



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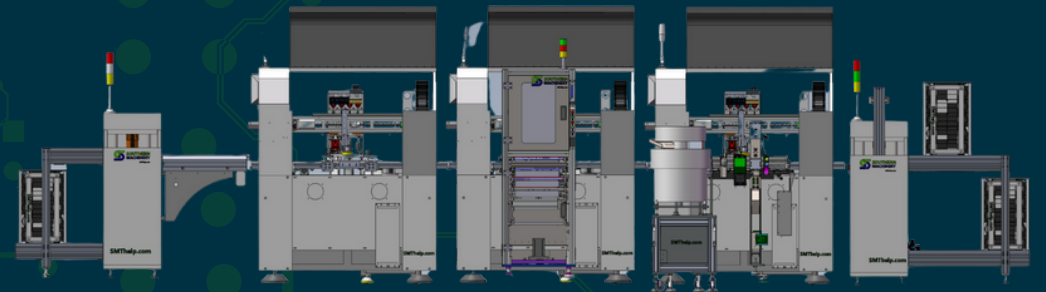
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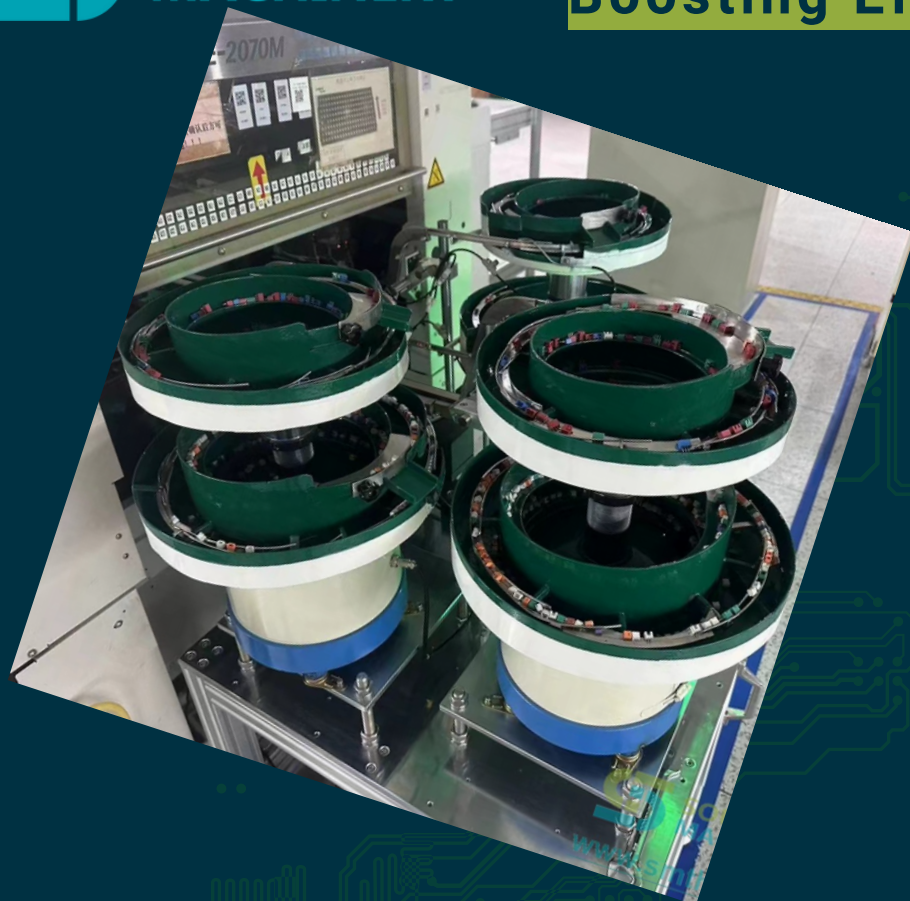
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Specialized in Design And Manufacturing SMT THT Machine

info@SMThelp.com

Innovative SMT/THT Odd Form Feeder Solution - Boosting Efficiency and Precision in EMS Smart Factories



BF-2002D BOWL FEEDER

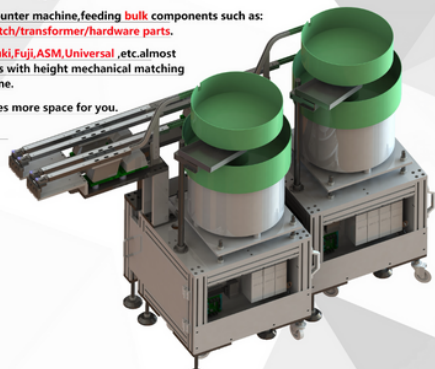


This feeder is use for SMT mounter machine,feeding bulk components such as: terminal/safety capacitor/switch/transformer/hardware parts.

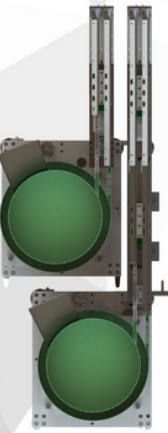
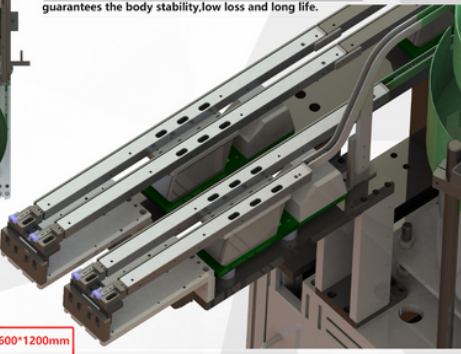
Compatible with Panasonic,Juki,Fuji,ASM,Universal ,etc.almost all brands of mounter,which is with height mechanical matching and communication to machine.

With double-deck design saves more space for you.

Transfer orbit width:231mm



Feeder is generally made of steel and aluminum alloy,which guarantees the body stability,low loss and long life.

Dimensions L*W*H :1700*600*1200mm
Power supply: 110/220 V

- 1, Precision: Achieve top accuracy in component placement.
- 2, Productivity: Boost throughput with automation.
- 3, Versatility: Adapts to various components.
- 4, Performance: Reliable and durable operation.
- 5, Integration: Easily fits into SMT lines.



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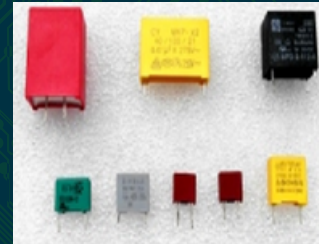
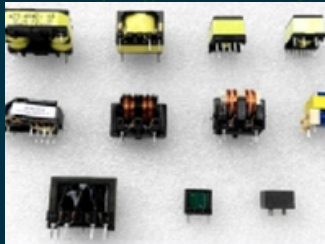
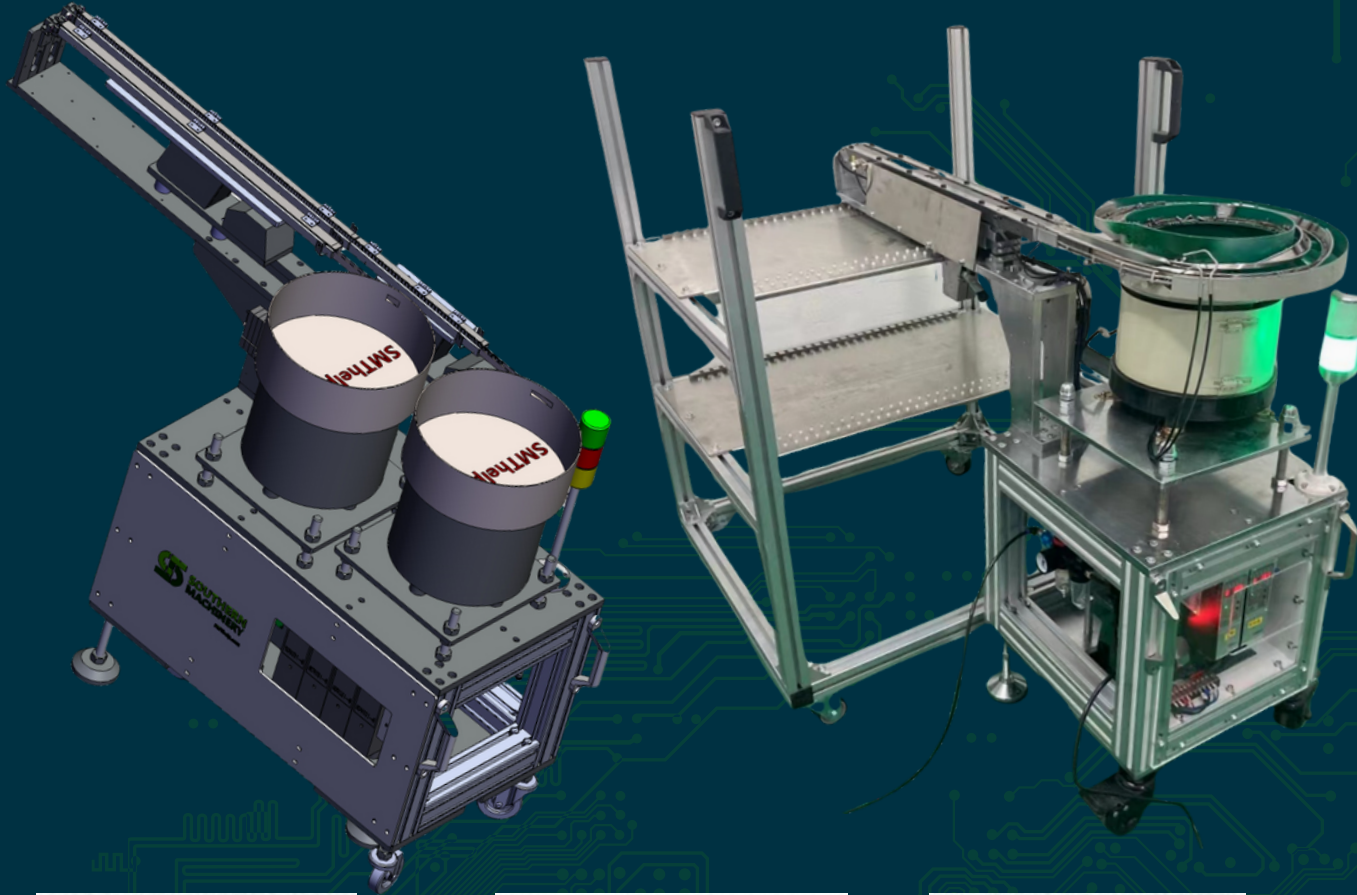


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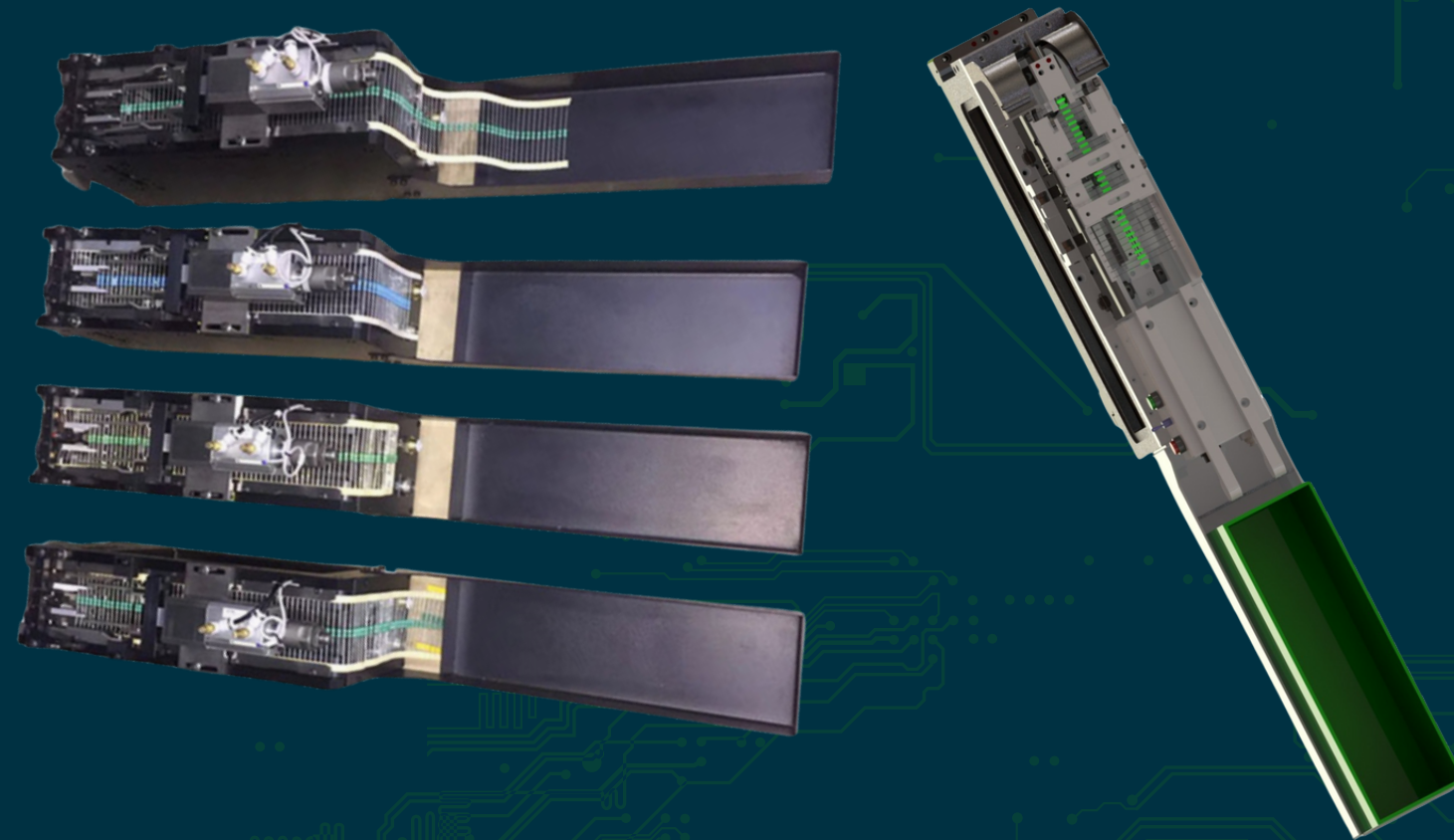
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Innovative SMT/THT Odd Form Feeder Solution - Boosting Efficiency and Precision in EMS Smart Factories



Dimension	LxWxH	760x460x910mm (Single Bowl)
	LxWxH	1120x460x910mm(Dual Bowl)
	Weight	150KG Single Bowl / 190Kg Dual Bowl
Materials	Material Type	Bulk components like connectors, plastic parts etc
	Material Size	3x3x3mm-25x25x25mm
	Tube length	200-650mm
	Tube thickness	>0.6mm
Electric Sysetm	Power	220V 5A
	Pressure	0.4-0.6Mpa
	Control Method	PLC
Working Data	Cycle Time	0.8S
	Accuracy	0.5mm

Transform PCB assembly with Axial Tape Feeder for Automated Productions



1. Elevates SMT efficiency with automated insertion.
2. Versatile component supply for non-standard equipment.
3. Precise U-shaping and leg trimming for relays.
4. Integrates with robots for manual labor reduction.
5. Compatible with various components, optional reflow.



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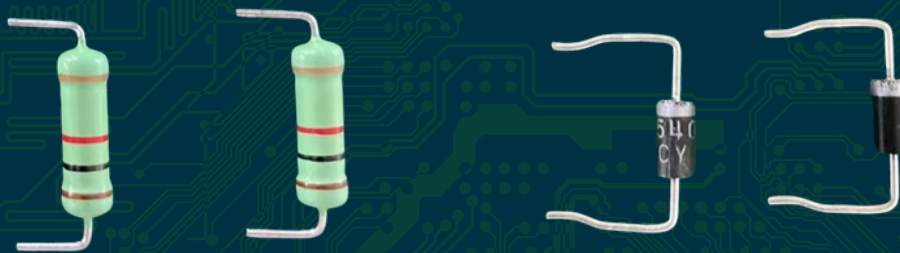
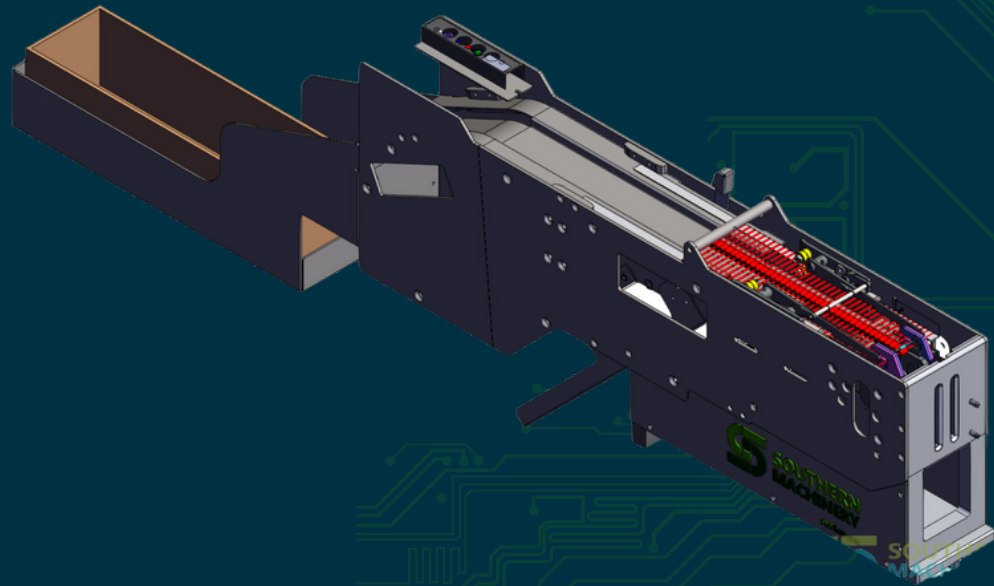


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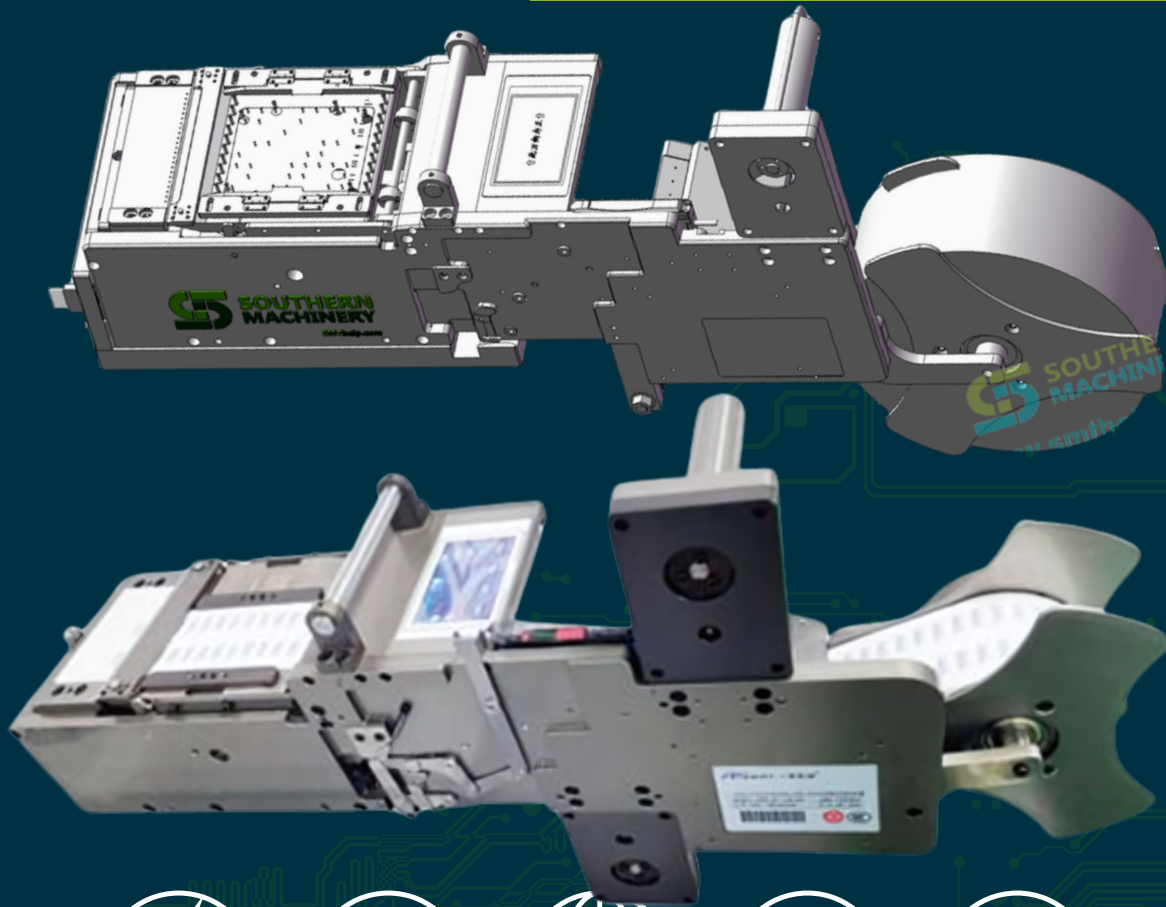
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Transform PCB assembly with Axial Tape Feeder for Automated Productions



Model	AF2000
Component Body	ø2-ø10mm
Tape pitch	5mm、 10mm、 15mm、 20mm
Lead Dia	0.4mm-1.0mm
Lead Length	2.5mm-5mm
Feeding	Pneumatic drive
Cycle time	1.5s-2s
Component Range	Resistor、 Diode、 JW
Component Input	Taped package
Diminsion	700 (L)x100 (W) x165 (H)

Versatile Label Feeder Enhancing SMT Workflow Efficiency



1. Broad Machine Adaptability: Suitable for a variety of SMT equipment lines.
2. Diverse Material Handling: Efficiently manages different roll materials.
3. Automated SMT Integration: Enables precise QR label placement.
4. Precise Feeding: Advanced accuracy with optical sensing.
5. Quick Setup: Direct-through loading for speedy operations.



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Versatile Label Feeder Enhancing SMT Workflow Efficiency



Feeder Size	L*W*H	650x165x320mm
	Weight	7.5Kg
Material	Bottom paper width	<60mm; <80mm; <100mm
	Bottom paper thickness	0.05mm-0.08mm
	Bottom paper makings	PET plastic film or paper tape
	Material type	Paper label, protective film, foam, double-sided tape, conductive adhesive or copper foil and steel sheet etc.
	Material size	min>3mm、MAX<Bottom paper width
	Inner diameter of tray	3-inch roll core(Standard) (customizable)
	Material thickness	Customized
Feeding part	Maximum load of tray	3Kg
	Quantity	Single row and multiple columns, or multi-column expansion
	Feeding accuracy	X±0.2mm, Y±0.2mm

Revolutionary U-Shaped Vibratory Bowl Feeder for High-Efficiency SMT Lines



1. Handles various bulk materials with ease.
2. Space-efficient, fast changes, low noise.
3. Works with multiple SMT machine brands.
4. Automatic precision and reduced waste.
5. Cuts operational costs, increases efficiency.



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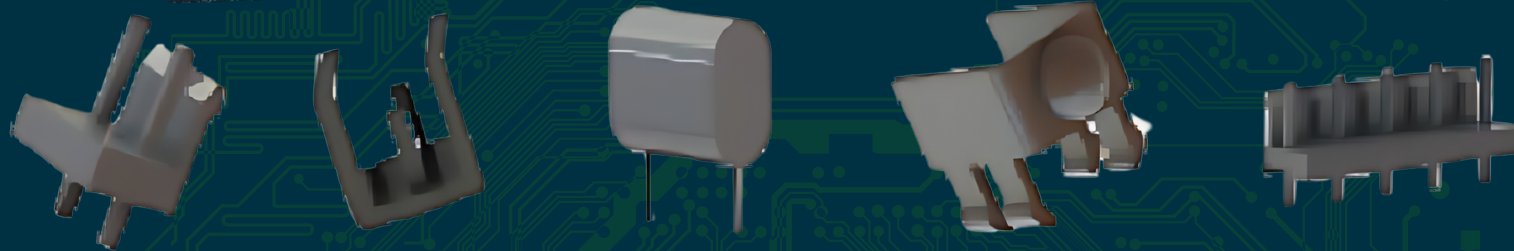
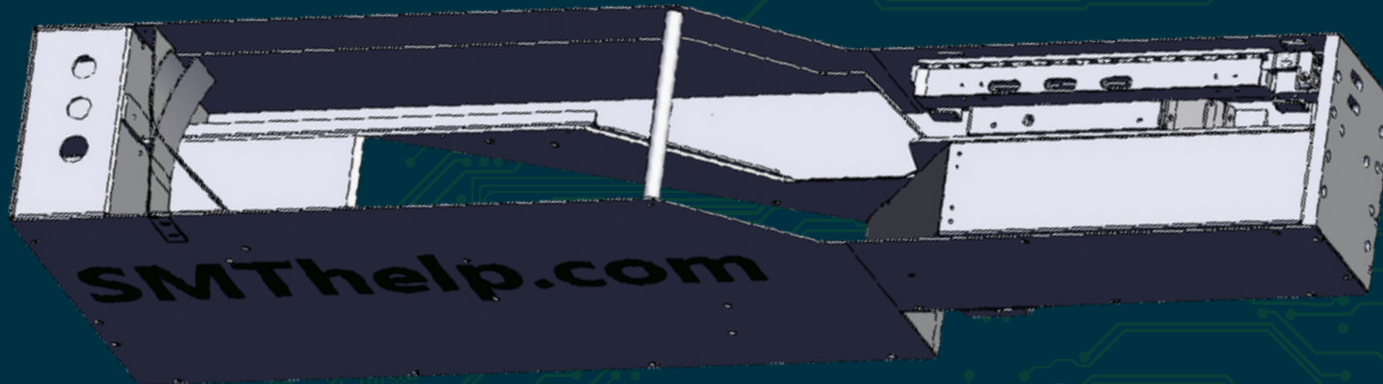


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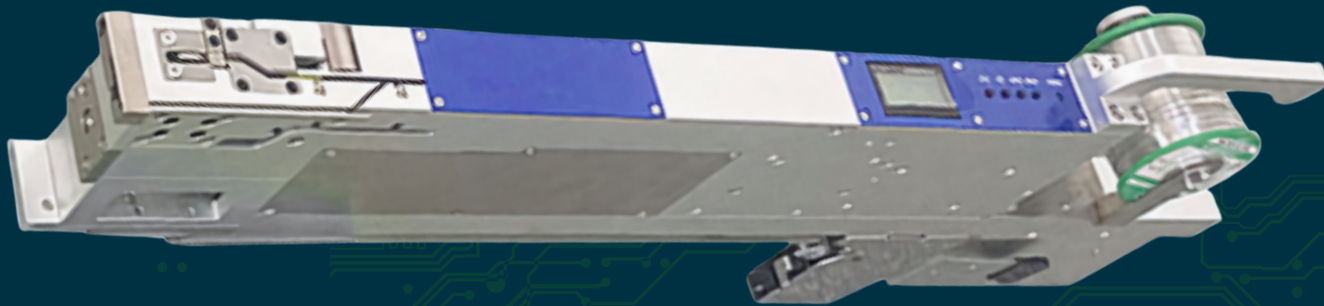
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Revolutionary U-Shaped Vibratory Bowl Feeder for High-Efficiency SMT Lines



Dimension	LxWxH	850x140x260mm
	Weight	12Kg
Materials	Material Type	Connectors, buzzers, network ports etc
	Material Size	3x3x3mm-20x20x20mm
	Material characteristics	length-to-height ratio > 1:1.2; obvious characteristics; distinguished physically
Electric Sysetm	Power	220V/50HZ
	Average /peak Current	3A/6A
	Pressure	0.4-0.6Mpa
	Operation Method	Buttom/Touch Screen
	Control Method	PLC
	Max Motor Speed	500 RPM
Working Data	Cycle Time	1.5S
	Accuracy	±1mm

Soldering Tin Forming Feeder: Reinventing the SMT Process



1. Fully Electric: Quiet, efficient operation.

2. Compact: Only 36mm wide, space-saving design.

3. Dual-Mode: Enhanced adaptability in SMT assembly.

4. High Compatibility: Accommodates various SMT machines.

5. Customizable: Fits any manufactured tin, optimizing processes.



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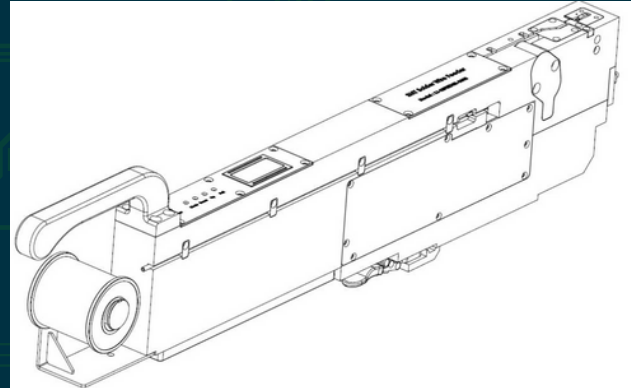
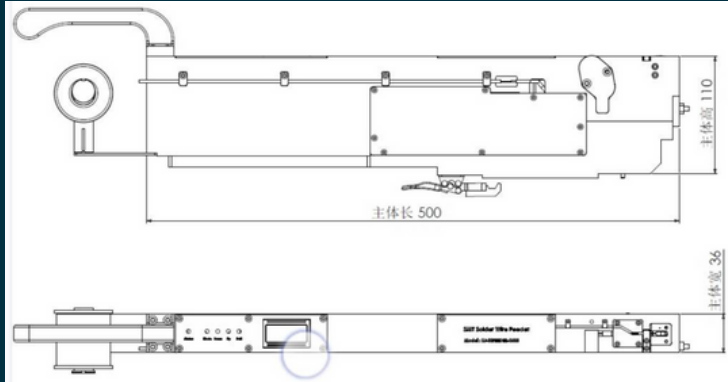
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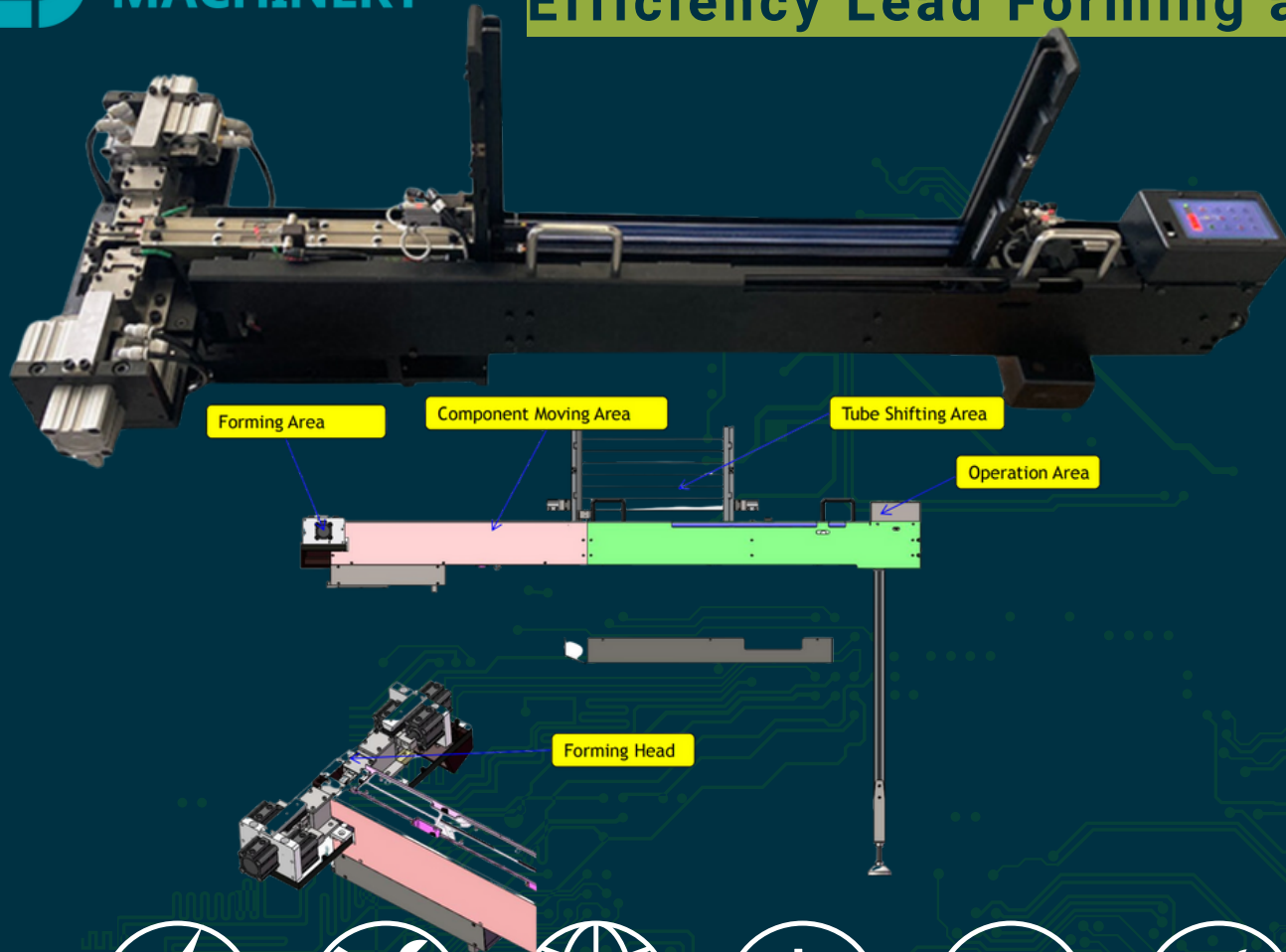


Soldering Tin Forming Feeder

Feature	Specification
Efficiency	0.25 sec/preform
Size	Small width (36 mm), light weight
Compatibility	Works with any brand of solder wire
Customization	Can be customized to any mounter brand and type
Application	Can be applied to any location with a particular need for additional solder
Operation	Pure electric, low noise
Solder Quality	Good solder ability, no-clean, environmentally friendly, convenient
Cost Efficiency	Reduces labor cost, improves quality
Solder Feeder Variety	Different sized solder feeders to create solder preforms of different sizes



Revolutionize Your Assembly Process with Our High-Efficiency Lead Forming and Cutting Tube Feeder



1. Motorized precision for reliable transfer.
2. Combines lead shaping and trimming, streamlining production.
3. Automates tube feeding for continuous operation.
4. Includes a lead recycling system for sustainability.
5. Compatible with any pick-and-place machine for versatility.



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Forming and Cutting Tube Feeder



Dimension	LxWxH	1350x92x115mm
	Weight	25Kg
Materials	Material Type	Relays, transformers, Capacitors, Capacitors etc
	Material Size	3x3x3mm-25x25x25mm
	Tube length	200-650mm
	Tube thickness	>0.6mm
Electric Sysetm	Power	24V
	Average /peak Current	4A/6A
	Pressure	0.4-0.6Mpa
	Operation Method	Buttom/Touch Screen
	Control Method	PLC
	Drive Mode	Stepper Motor
	Motor Type	57 type
	Max Motor Speed	600 RPM
	Working Data	Cycle Time
Accuracy		0.5mm



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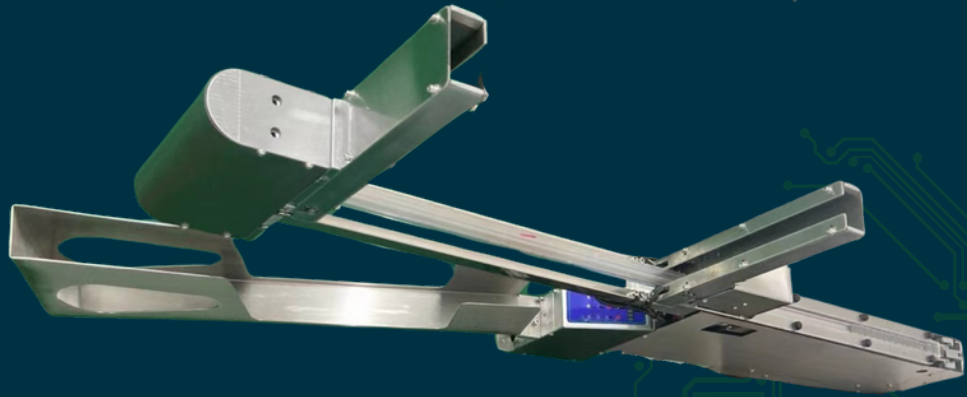


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Optimize Your SMT Production Line with the Compact Inclined Tube Feeder



1. Space-Saver: Fits under 50mm spaces.
2. Consistent Delivery: Motor power ensures accuracy.
3. Advanced Handling: Corrects component leads.
4. Versatile: Suitable for various machines.
5. Boosts Productivity: Automates material changes.



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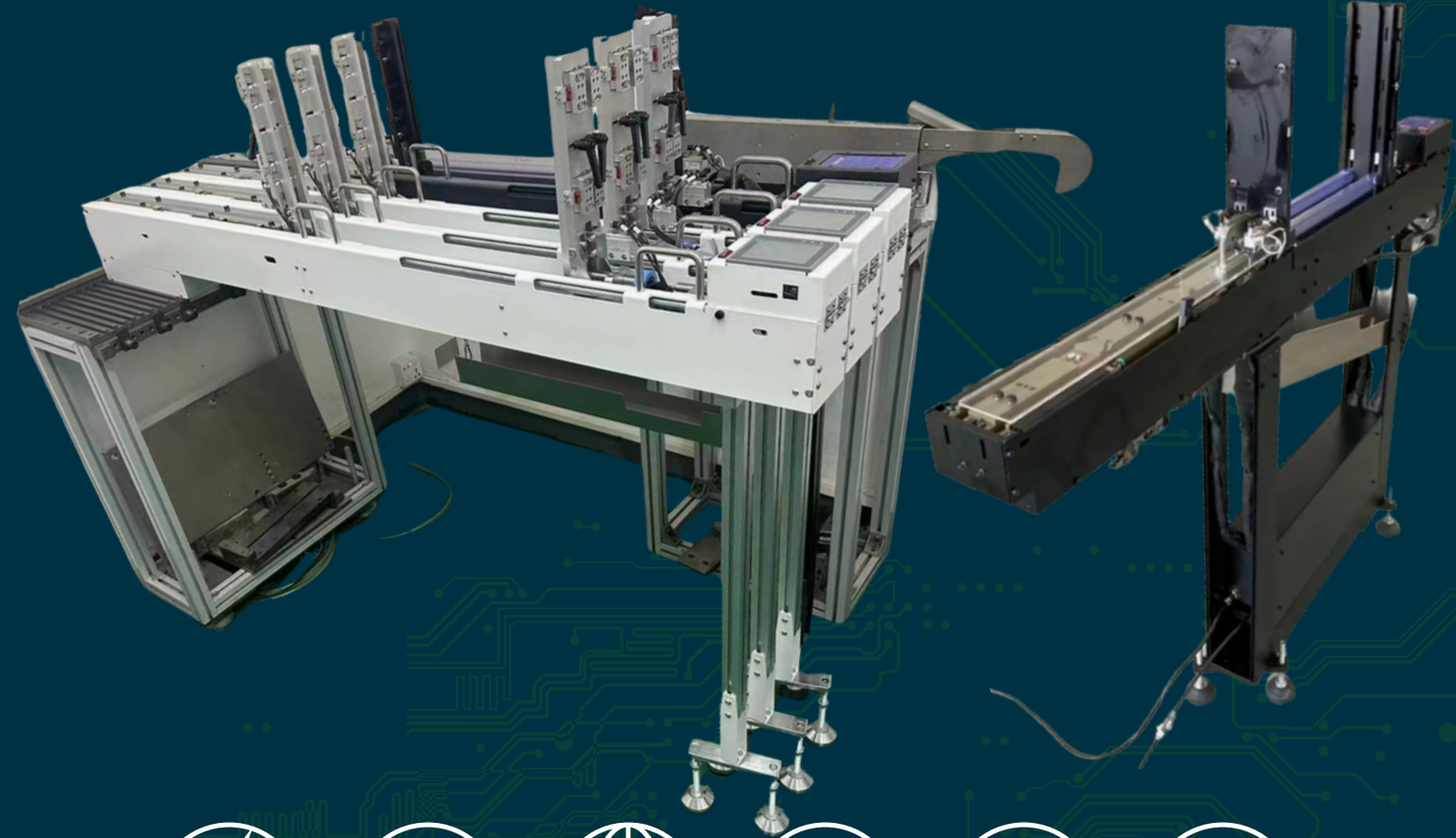
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Dimension	LxWxH	1350x92x115mm
	Weight	25Kg
Materials	Material Type	Relays, transformers, Capacitors, Capacitors etc
	Material Size	3x3x3mm-25x25x25mm
	Tube length	200-650mm
	Tube thickness	>0.6mm
Electric System	Power	24V
	Average /peak Current	4A/6A
	Pressure	0.4-0.6Mpa
	Operation Method	Button/Touch Screen
	Control Method	PLC
	Drive Mode	Stepper Motor
	Motor Type	57 type
	Max Motor Speed	600 RPM
Working Data	Cycle Time	0.8S
	Accuracy	0.5mm

Boost Your Production Efficiency with the Floor-Standing Tube Feeder



1. Versatility: Fits standard/non-standard equipment.

2. Efficiency: Reduces manual work, improves machine usage.

3. Space Efficient: Compact size, easy integration.

4. Precision: Ensures accurate, smooth feeding.

5. User-Friendly: Easy to operate and maintain.



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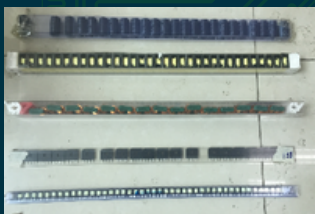


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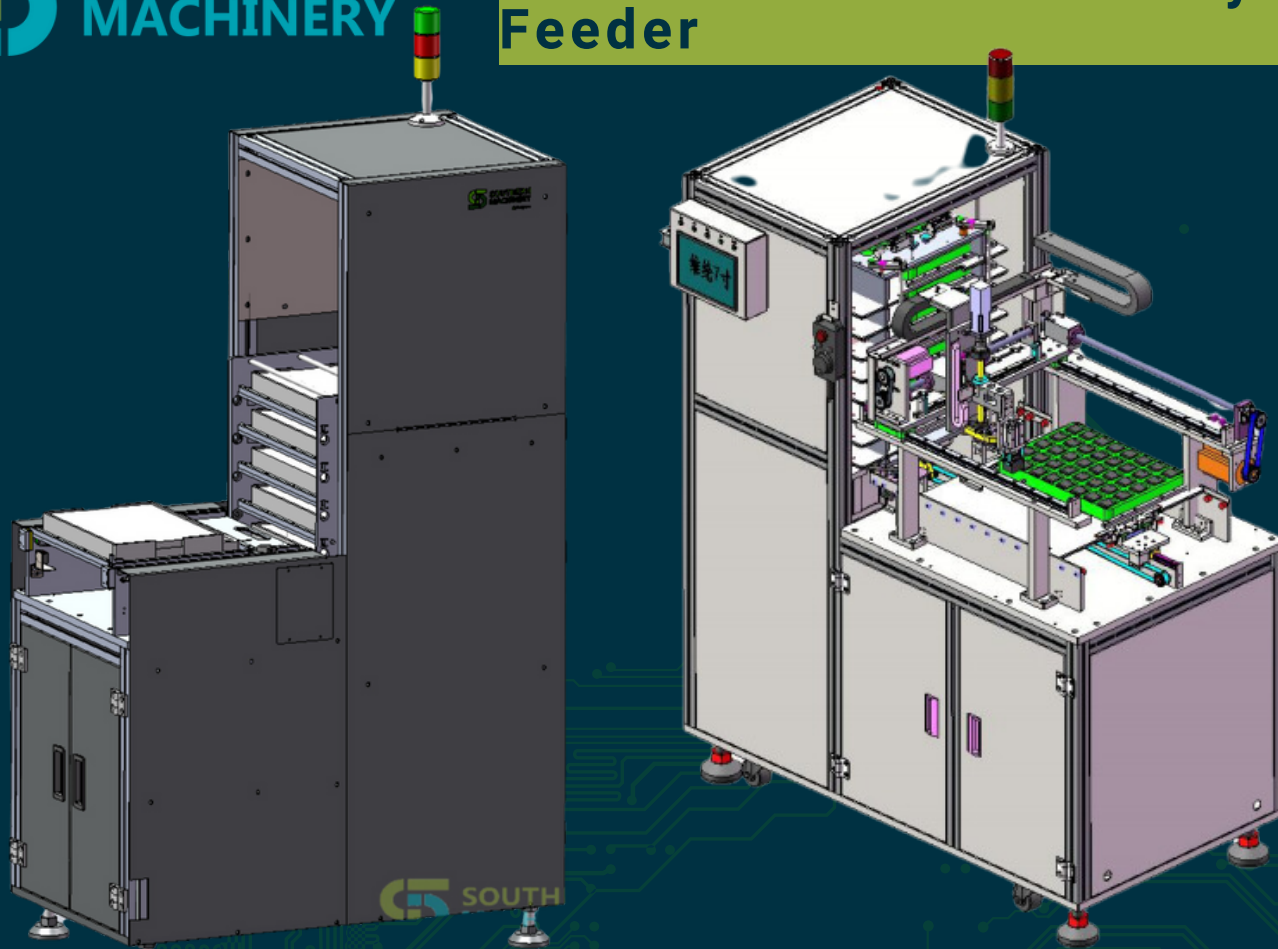
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Boost Your Production Efficiency with the Floor-Standing Tube Feeder



Model	TF4000
Component Size	5x5mm-25x25mm
Tube Length	300mm-650mm
Feeding	Motor Drive
Cycle Time	1.5s-2s
Component Length	Transformer、Relay、 Transistor
Component Input	tube package
Diminsion	1480 (L)x100 (W) x165 (H)

Maximize SMT Efficiency with Our Robot Advanced Tray Feeder



1. Multifunctional: Supplies diverse SMT materials.
2. Adaptive: Compact design, seamless environment fit.
3. Efficient: Streamlines production, reduces changeover time.
4. High Compatibility: Accommodates various tray types.
5. Cost-Effective: Saves on labor, decreases downtime.



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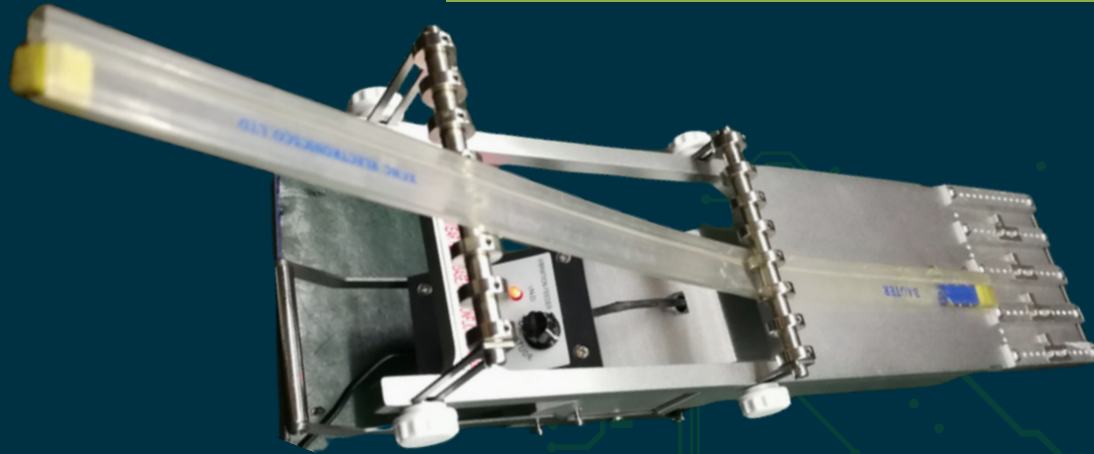
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Maximize SMT Efficiency with Our Robot Advanced Tray Feeder

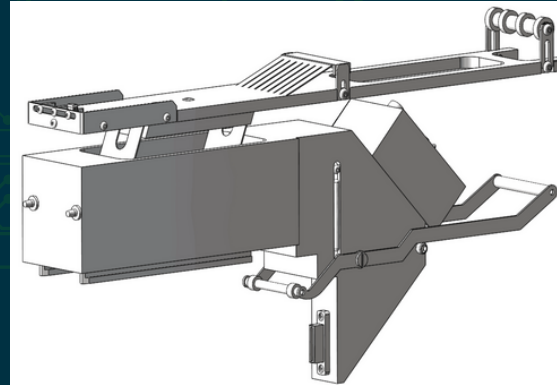
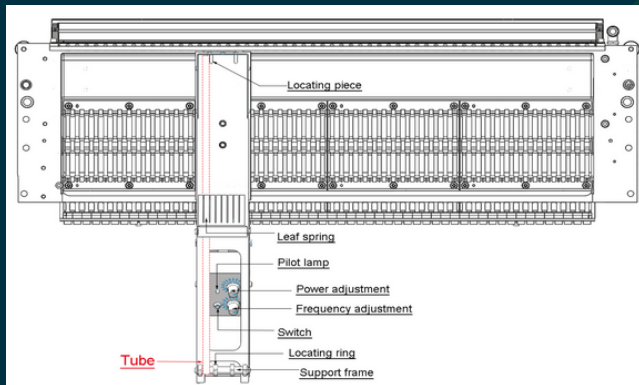


Pallet capacity	9 pallets
Max component height	6.5mm
Positioning	servo drive
Control system	PLC
Pallets size	L350xW300mm
Pallet auto changing time	4s
Pickup cycle time	1.5s
Pickup head	2 (gripper or nozzle)
Dimensions	1200x550x1700mm
Weight	300Kg
Power requirements	220VAC Max 2KVA

SMT Tube Stick Vibrating Feeder for JUKI RS-1 - Optimize Your SMT Assembly



1. Custom-fit for JUKI RS-1, ensuring seamless SMT integration.
2. Speeds up assembly with efficient, reliable component feeding.
3. Durable design reduces downtime, enhancing production continuity.
4. Adapts to various components, improving line versatility.
5. Delivers high assembly precision, maintaining product quality.



Input channel	4 Input Channel
Stick Width	110mm
Overall size	365 x 110 x 125 mm
Voltage	24V
Model Compatible	JUKI RS-1



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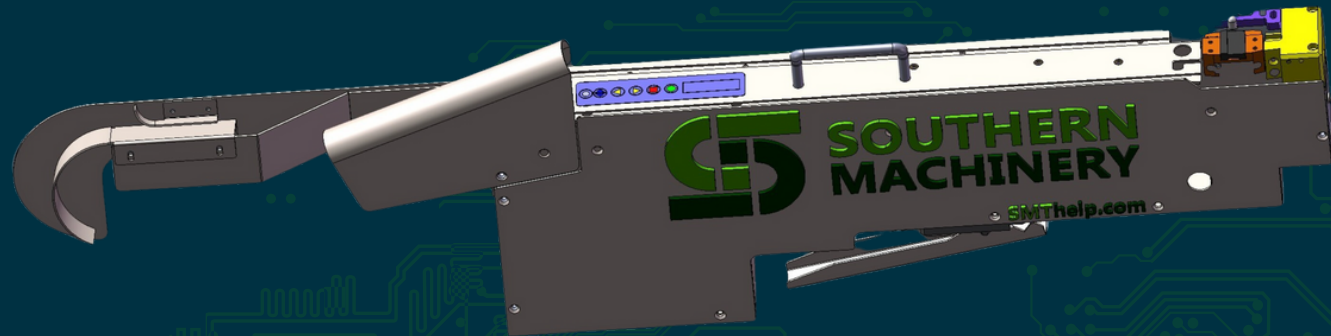
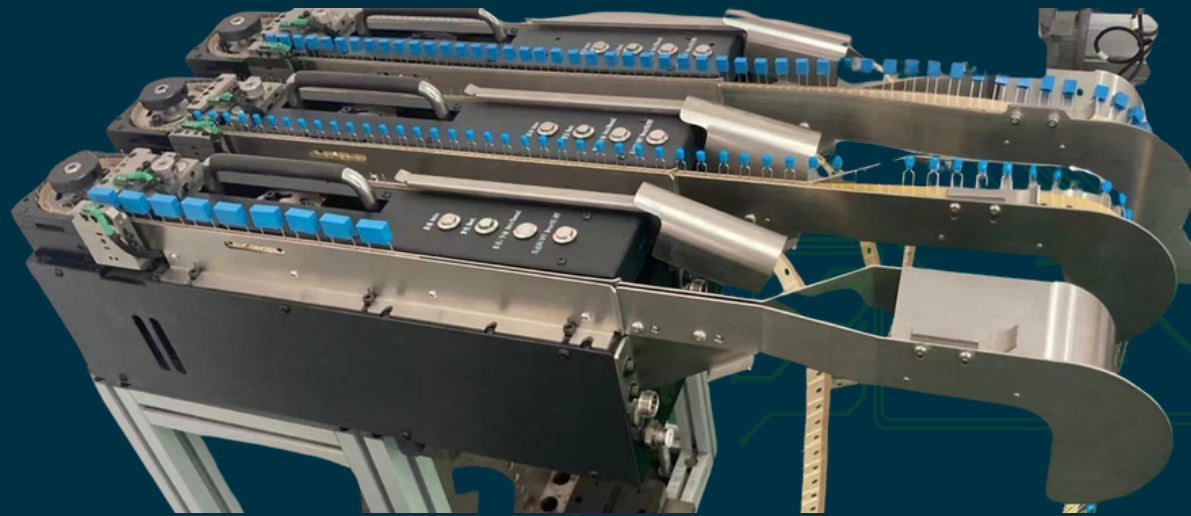


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Efficient Radial Component Taped Feeder for SMT Mounters



1. Versatile Integration:
Adapts effortlessly to different SMT mounters.
2. Auto-Feeding:
Handles various radial taped components for efficient assembly.
3. Compact Design:
Offers reliability within a space-saving setup.
4. User-Friendly:
Simplifies the process with easy controls, boosting productivity.
5. Cost-Effective:
Minimizes the need for multiple feeders, resulting in savings.



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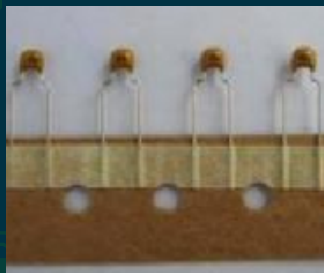
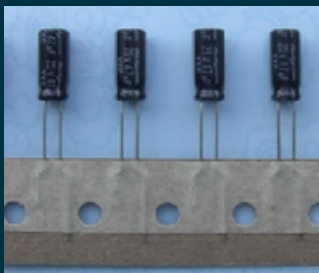
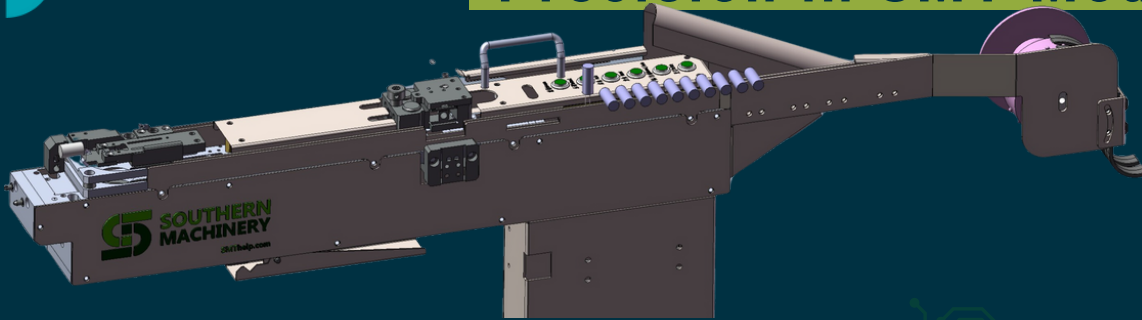


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Versatile Radial Component Taped Feeder – Elevate Precision in SMT Mounting



Model	RF1000
Component Body	Cylindrical: $\varnothing 3$ - $\varnothing 10$ mm; Retangle: W5-10mm, L5-25mm
Component Height	5mm-25mm
Tape pitch	12.7mm or 25.4mm
Lead Span	2.5mm-25mm
Lead Length	2.5mm-5mm
Feeding	Motor or Pneumatic drive
Cycle time	1.5s-2s
Component Range	E-cap、 Inductor, Terminal
Component Input	Taped package
Dimension	500 (L)x100 (W) x165 (H)