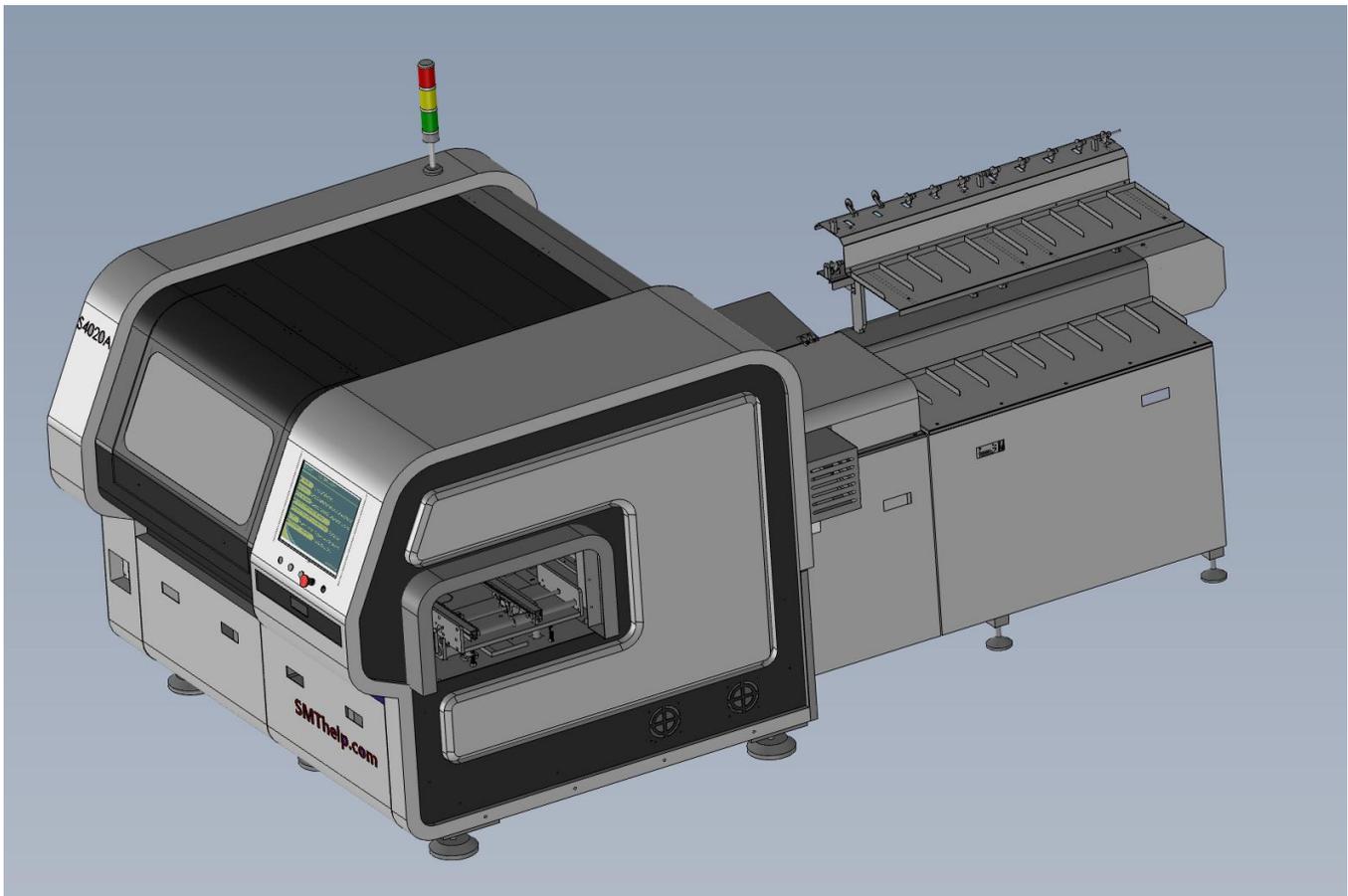
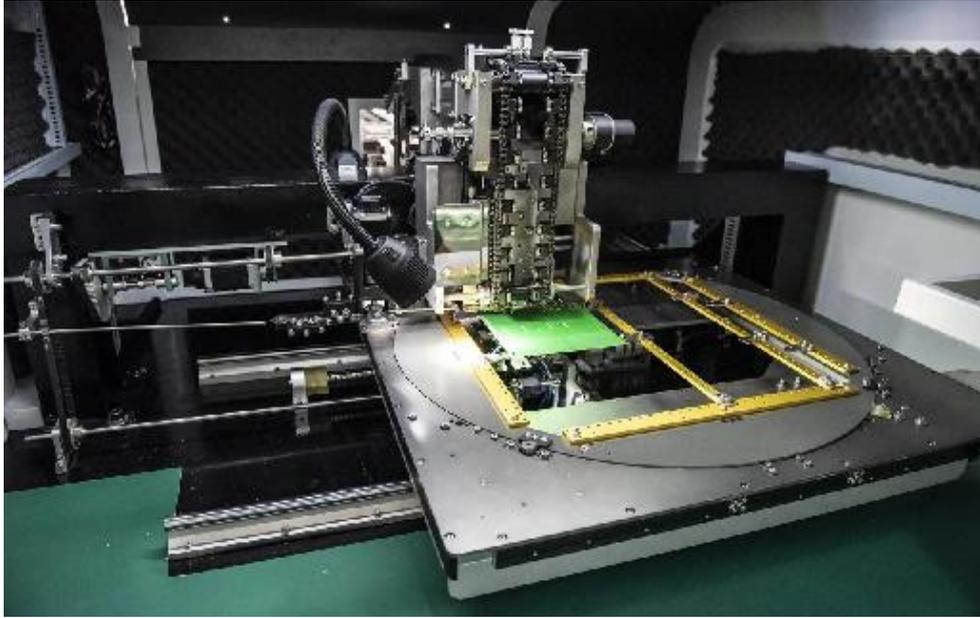


## S-4000 Axial Inserter machine

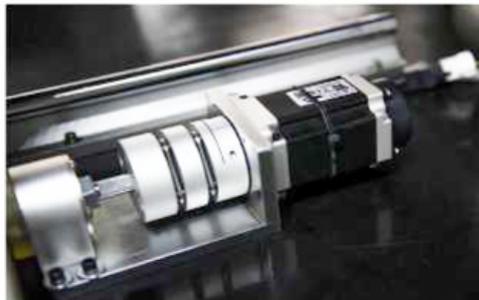


## The expert of through-hole automation



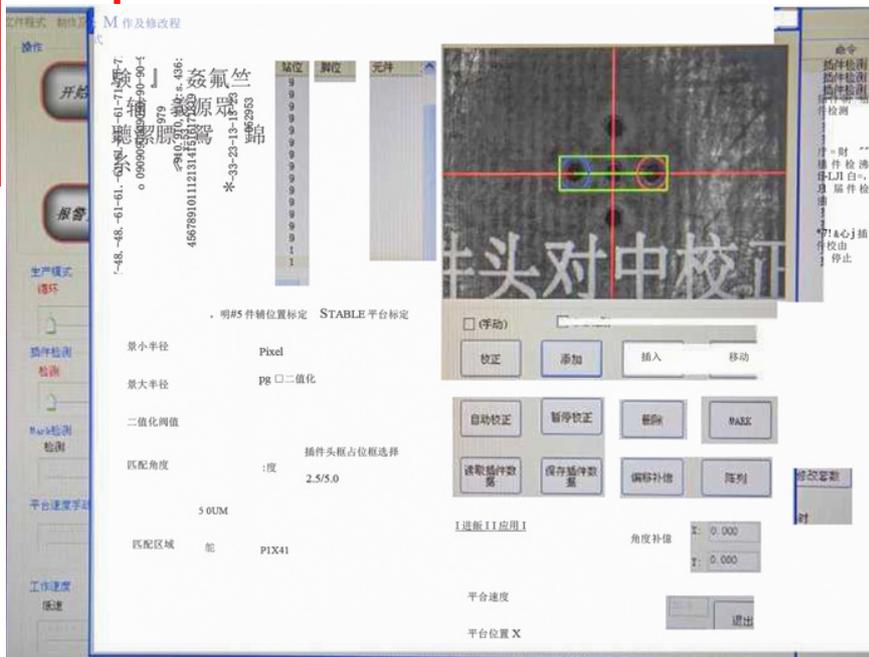
**For single-process sequencing and insertion of axial components and jumper wires, the S4000 delivers reliable productivity at the high throughput rates.**

- high real throughput (13000 CPH)
- World-class reliability (1000 ppm)
- Manual Load or Automatic PCB Load/Unload
- Multiple clinch options with programmable height to avoid damaging SK/I components
- Scalable production - 20 to 100 feeder inputs,
- built-in jumper wire feeding ASSY
- Insertion spans from 5mm to 20.0mm,
- Up to 22mm jumper span
- Component insertion miss check • Simple-to-use operator environment with graphical interface

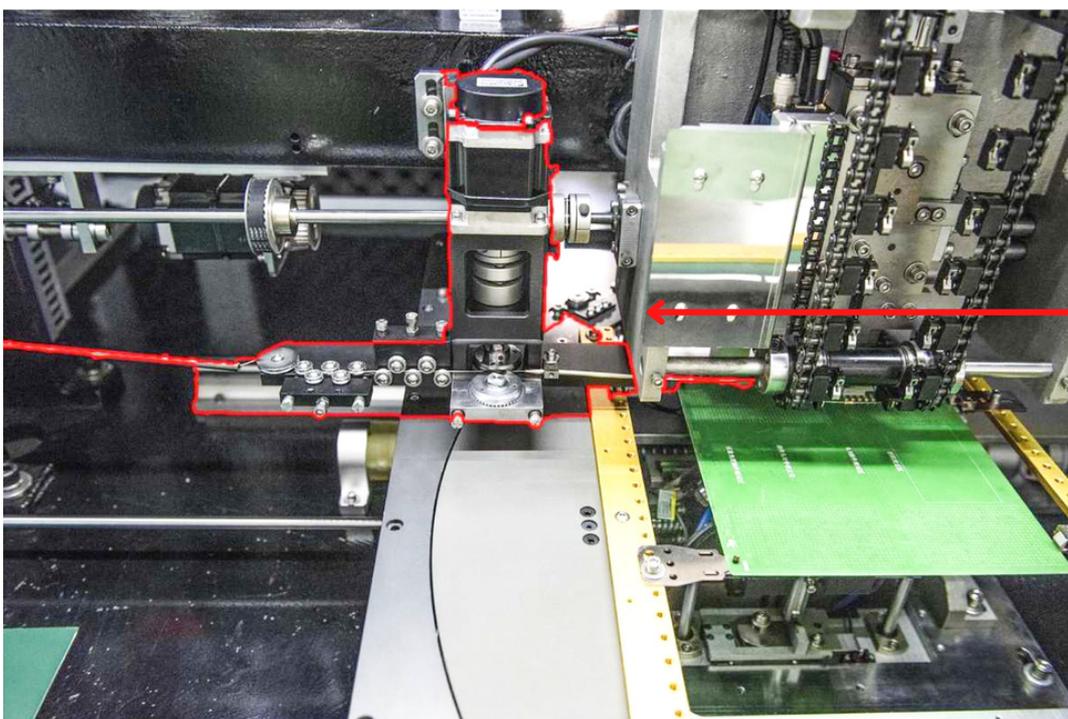


**Full Fuji Servo Drive System bring high throughput (12000 CPH) and reliability (1000ppm)**

camera visual operating system makes programming faster, the operator can finish a new PCB insertion program within 5 minutes



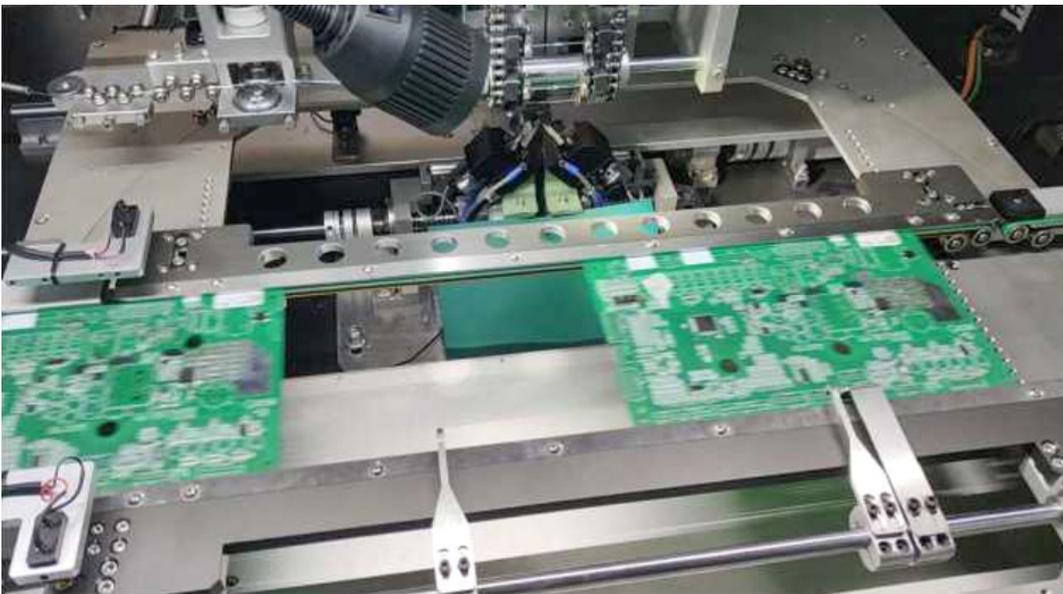
Built-in jumper wire feeding ASSY save more jump cost and feeder position



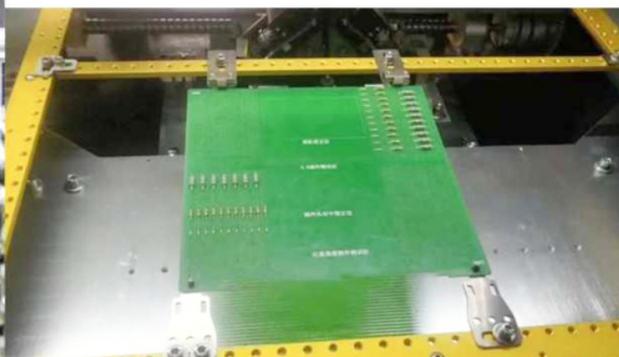
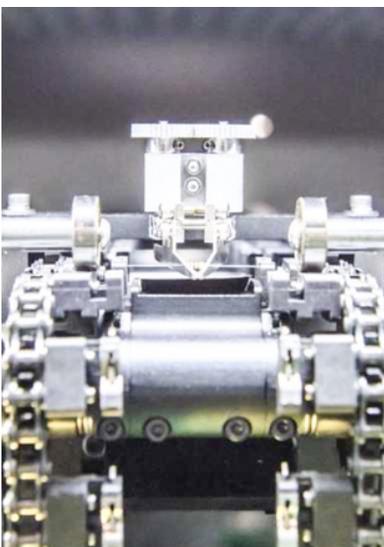
Compatible with UIC Feeder, stable and durable



Provide online mode



Centering gripper, keep component always alignment



## Application:



LED Signage / LED Illumination

LED Drivers / Fluorescent Ballasts

Set-top Box / Game / Motherboard

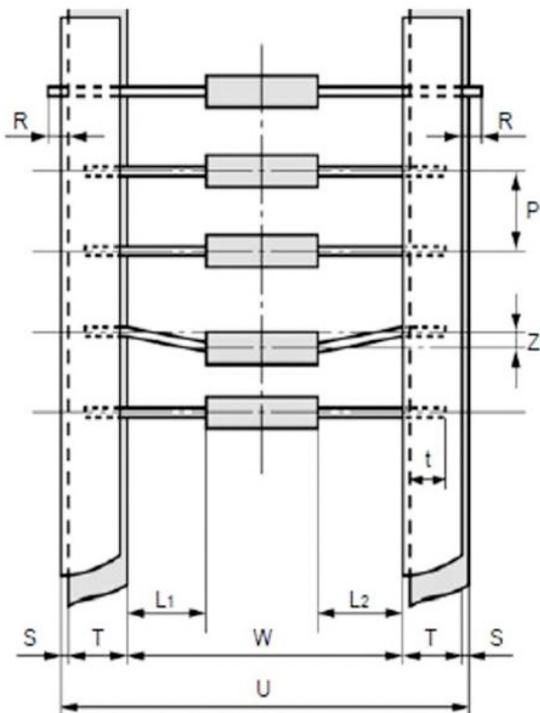
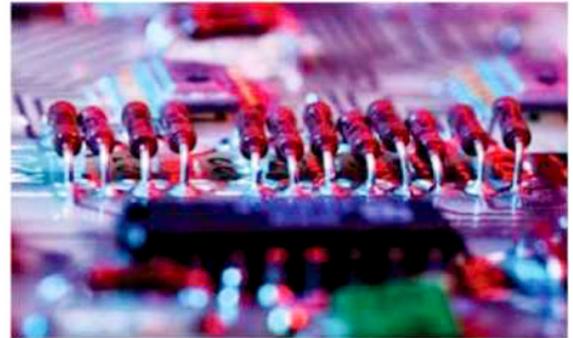
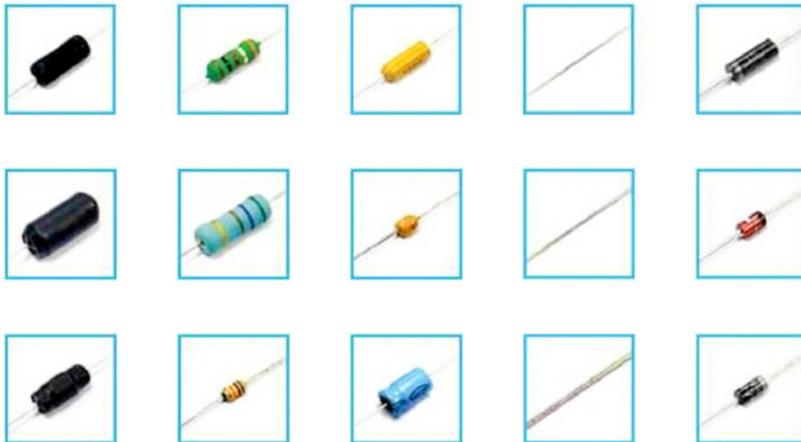


Appliance (White Goods)

Power Conversion

High-Mix Environments

Inductors	Resistors	Capacitors	Jumper Wire	Diodes
-----------	-----------	------------	-------------	--------



精度	I	II	III	备注
w			26 广	
	(52),	(52f)	(52 广)	
p	510.3		■D. 5*	
L1-L2	0.2 以下	0.5 以下	1 以下	
T	6 土仲			
Z	1.0 以下		1.2 以下	
R	0			
t	3.2 以上嵌			
S	0.8 以下海			
U	65.5 以下			
备注				

## Machine specification

<b>Item</b>	<b>Technical Specifications</b>
Insertion Rate	24000 pcs/hr
Non-Performing Rate	Less than 300 PPM
Insert Theta	Parallel 0°, 90/180/270°
Component Span	Dual span 5.0 mm- 20mm
PCB size	Min: 50mm×50mm; Max: 450mm×450mm
PCB thickness	0.79-2.36mm
Component types	Axial tape packed material such as capacitor, transistor, diode, resistor, blown fuse.
Clinch length	1.2-2.2mm (adjustable)
Clinch degree	0-35° (adjustable)
Station quantity	60 stations (recommended) optional (10-100stations)
Machine size (length×width×height)	Main Unit 1700mm ×1300mm ×1600mm
Station Size (length×width×height)	510mm ×1000mm ×1410mm (10 stations)
Main unit weight	1500 KG
Auxiliary unit weight	750 KG (40 stations)
Power supply	220V, AC (single phase), 50/60HZ 2.0KVA
System protection	Uninterruptible power supply (UPS) configuration, run 15 minutes after power outage
Working power	1.6KW (Energy Saving)
Air pressure	0.6-0.8MPA
Air consumption	0.3m <sup>3</sup> /minute

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