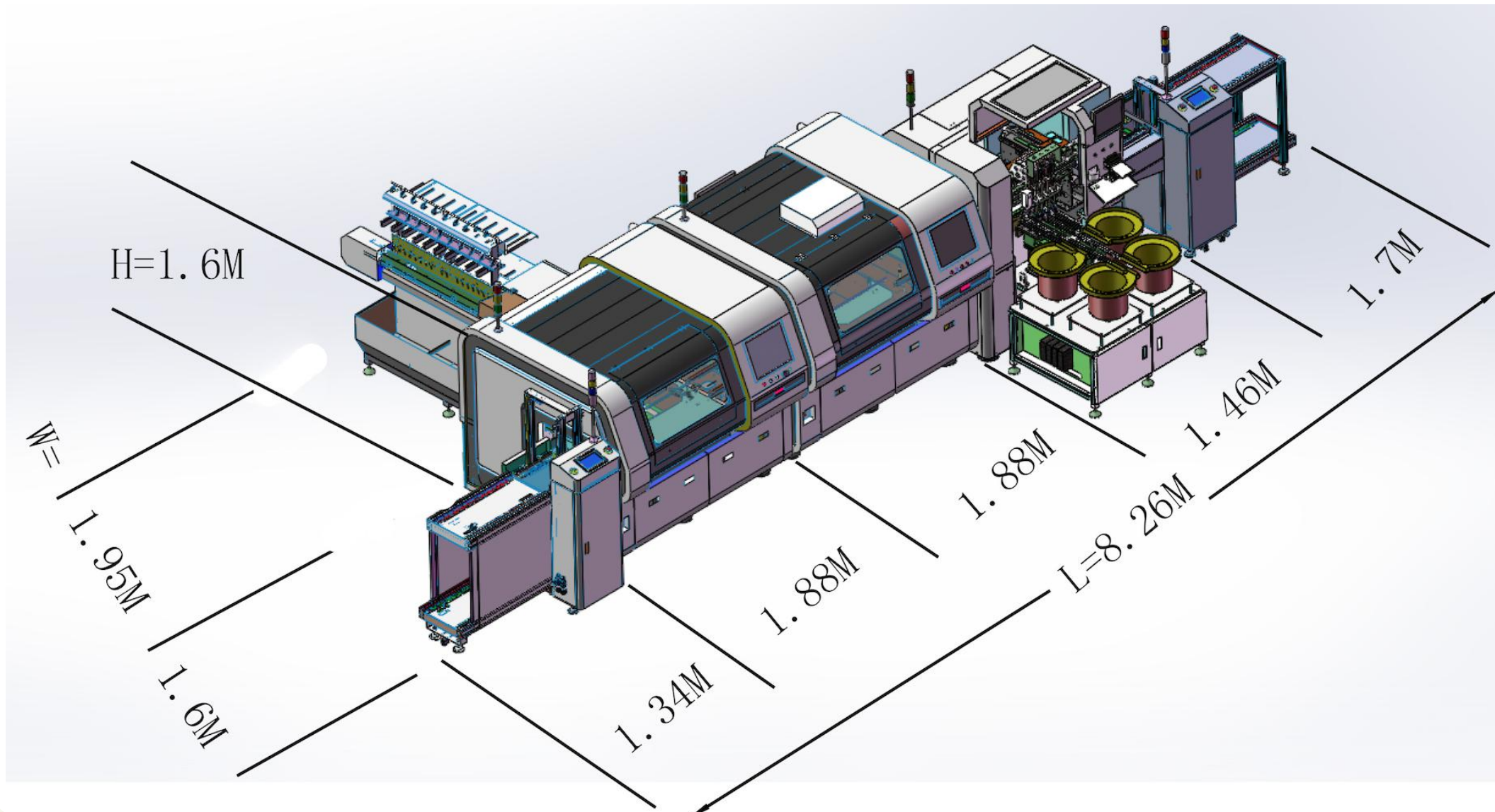


THT PCB assembly solutions



PCB loader->Axial Inserter->Radial Inserter->Odd form Inserter->PCB unloader

S-3010A Radial Insertion Machine

The S3010A brings a new level of productivity to radial component sequencing and insertion, offering consistently high throughput regardless of component type.

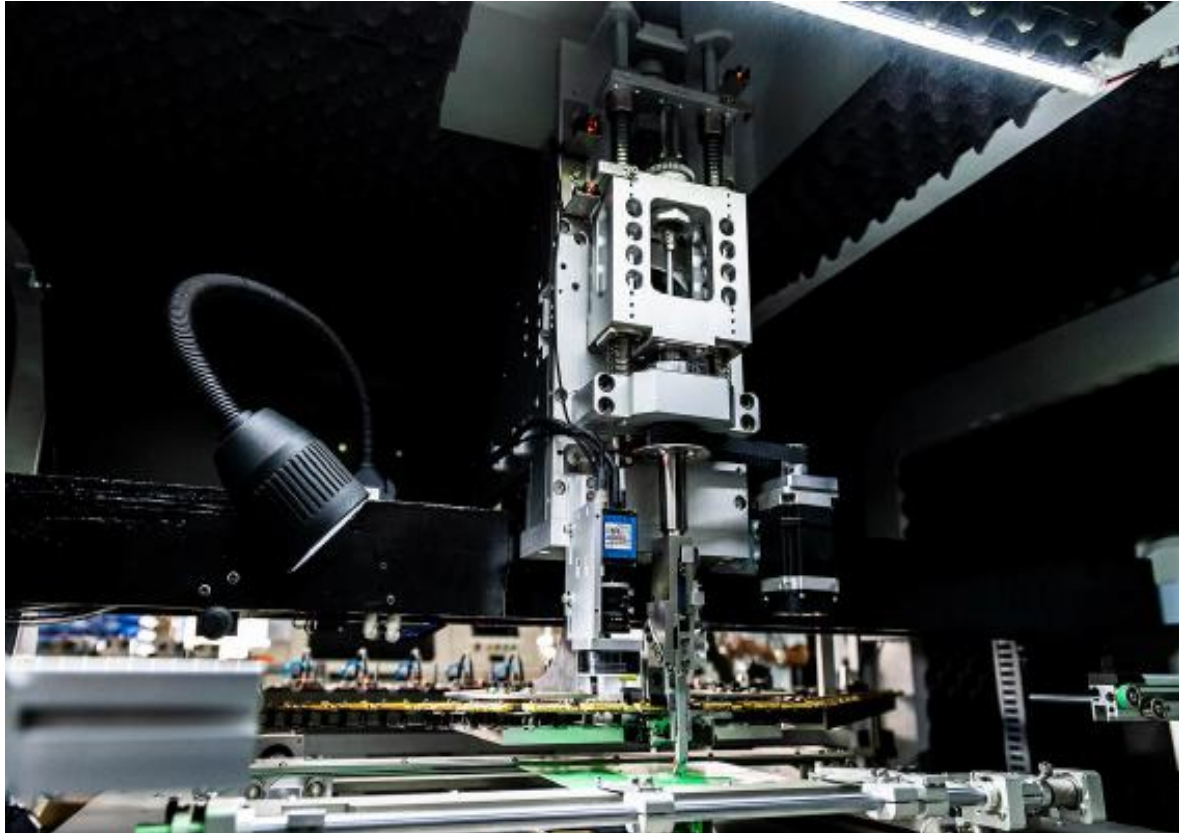


Auto PCB loading (In-line)



10 Feeders

S-3010A Radial Insertion Machine Features



- High real throughput (12000 CPH)
- World-class reliability (1000 ppm)
- Manual Load or Automatic PCB Load/Unload
- Multiple clinch options with programmable height to avoid damaging SM components
- Scalable production – 10 to 100 inputs, (In-Line or Straight-Back)
- Single, dual, triple, and quad-span tooling
- Full range of insertion spans from 2.5mm to 10.0mm, including 3.5mm
- Widest component range – up to 22mm tall with no derate
- Component value and polarity verification prior to insertion
- Intuitive, graphical operator environment

S-3010A Radial Insertion Machine in details



1.5 KW head-driven motor



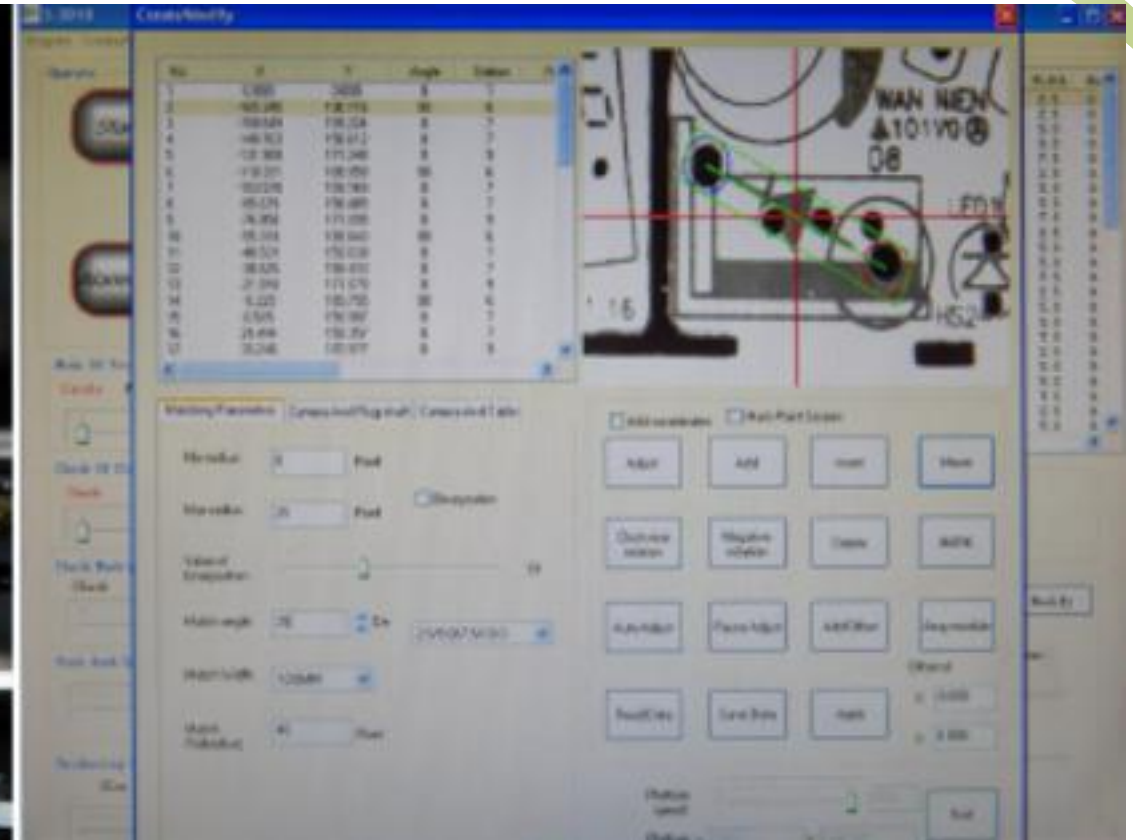
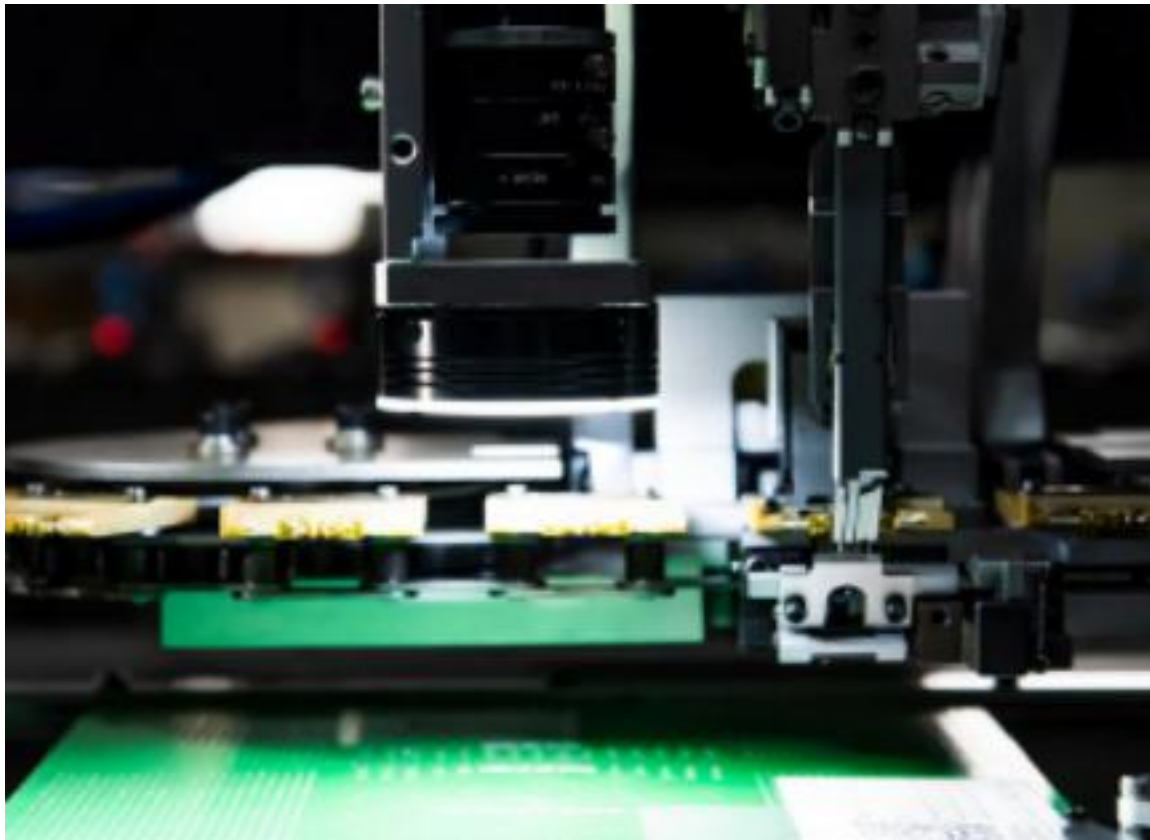
400W X-Y table mot



7 sets servo system

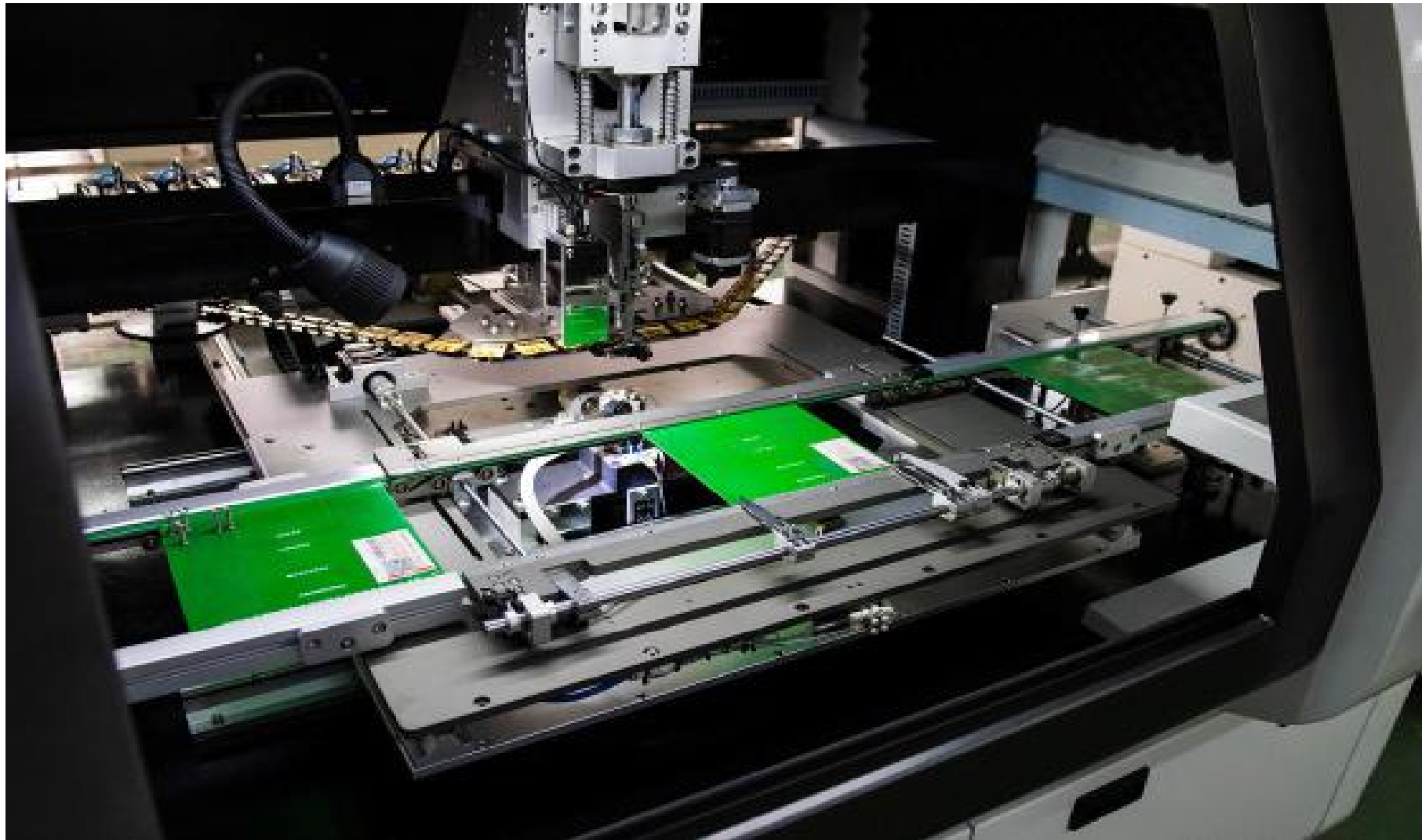
Full Fuji Servo Drive System brings high throughput (12000 CPH) and reliability (1000ppm)

S-3010A Radial Insertion Machine Programming



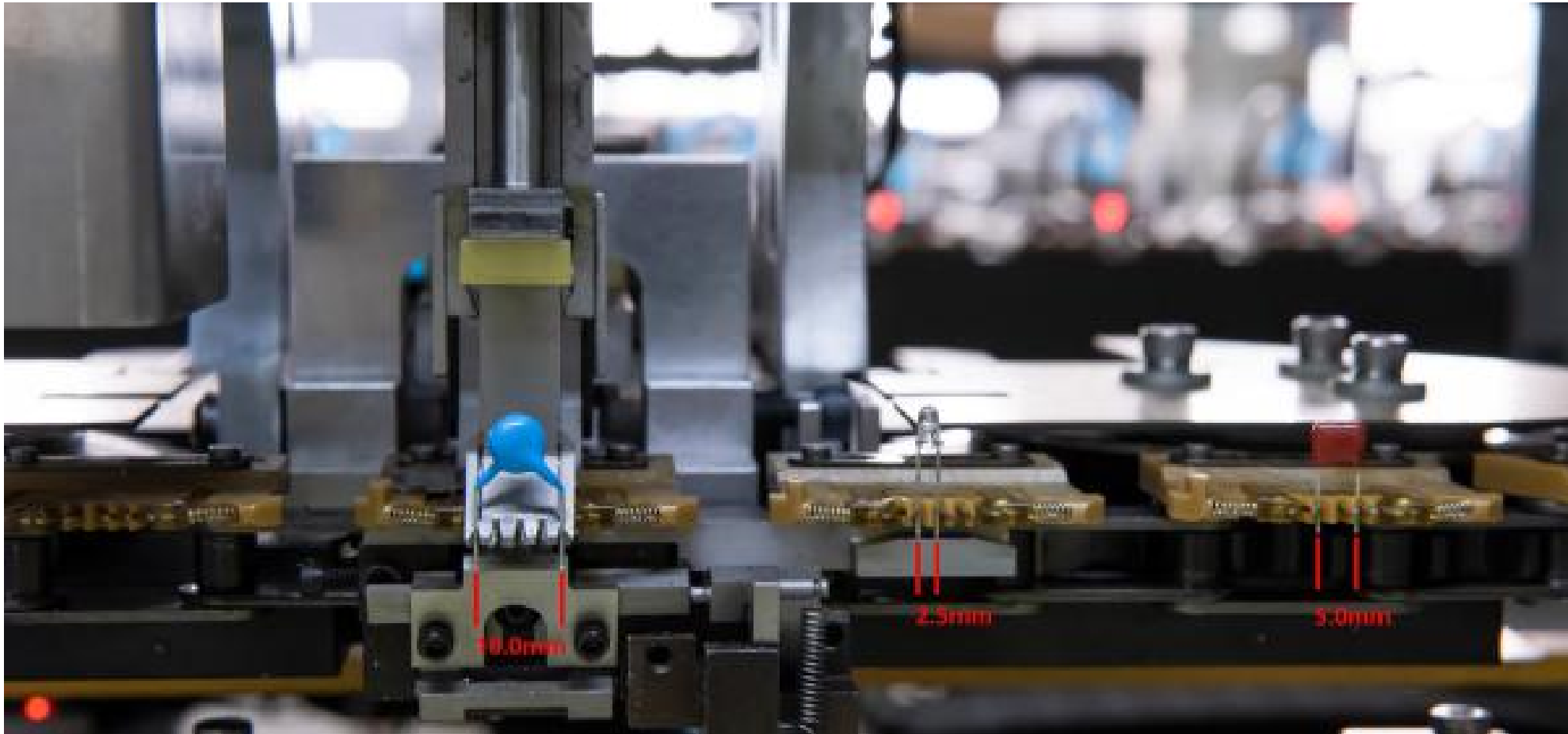
5 minutes to make a new PCB insertion program by camera visual operating system

S-3010A Radial Insertion Machine Auto PCB handling



**Auto PCB loading and unloading, MAX
PCB size support : 400*400mm**

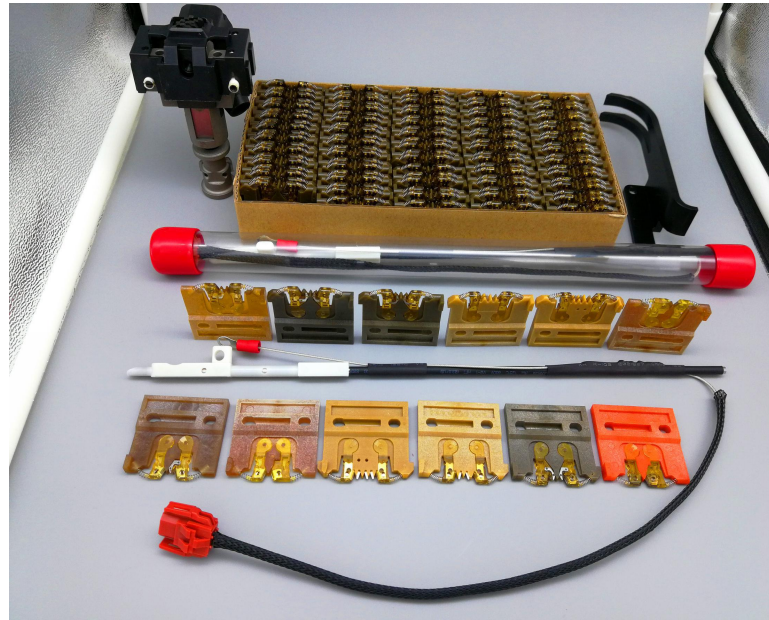
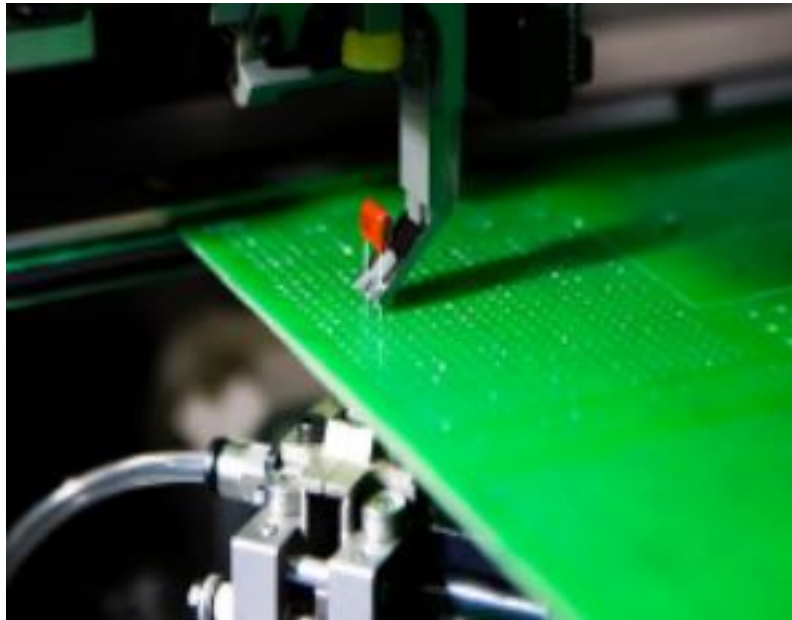
S-3010A Radial Insertion Machine Quad-Span



Quad-span support :
2.5/5.0/7.5/10.0 mm span component can be insert at the same time

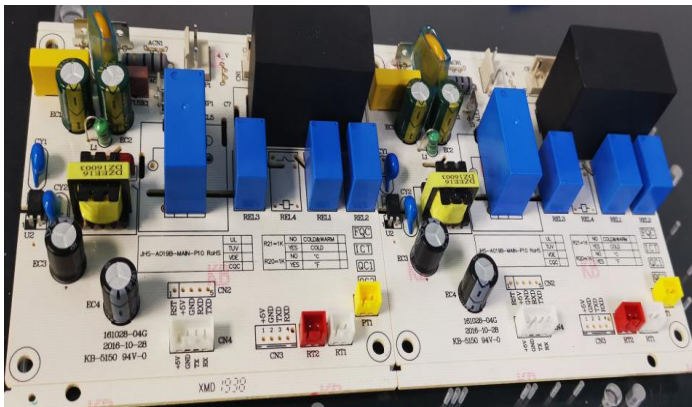
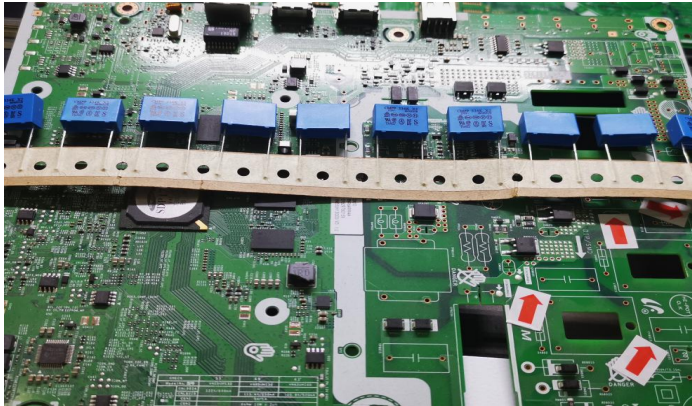
Customized: 12.5/15mm Lead Span

S-3010A Radial Insertion Machine Spare Parts



**Compatible with UIC parts:
insertion head , cut/clinch base , CTA, carrier clips, feeders**

S-3010A Radial Insertion Machine Specifications



Radial insertion machine (10stations)

- 1)Triple span 2.5/5.0/5.7mm,
- 2)Spec of speed:18000PCS/H
- 3)Insert direction:0°-360°, 1°increasment
- 4)Servo motor driven insertion head (13.0mm) and clinch base "N" type.
- 5)components require:cstandard tape packed radial leads components
- 6)Components available:cCapacitor, Transistor, LED lights, Key Switch, Resistor, Connectors, Fuse Block and other vertical tape packed materials
- 7)Core Machine Size (LxWxH)1800x1600x1800mm,
- 8)Core Machine Weight:1000KG
- 9)Power supply:220V, AC (single phase) 50/60 HZ
- 10)Air pressure: 0.6MPA, 0.3m3/minutes
- 11)Circumstance temperature: 10° C. to 35° C.
- 12)PCB transfer mode: automatic PCB loading/unloading
- 13)PCB Size:(Min)50 mm x50mm、 (Max)400mm x 400mm)
- 14)PCB thickness:0.79-2.36MM
- 15)Clinch Length: 1.5-2.2mm(adjustable)
- 16)Clinch degree: 10°-35°(adjustable)
- 17)Coordinate correction: Machine vision systems.
- 18)Machine vision caliberation systems
- 19)Control System: English or Chinese version interface
- 20)Southern Machinery platform software

S-3010A Radial Insertion Machine Application



**LED Signage / LED
Illumination**



**LED Drivers /
Fluorescent Ballasts**



**Set-top Box / Game /
Motherboard**



**Appliance (White
Goods)**



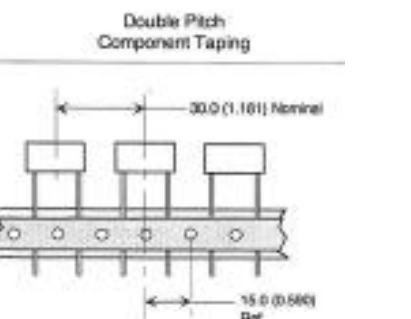
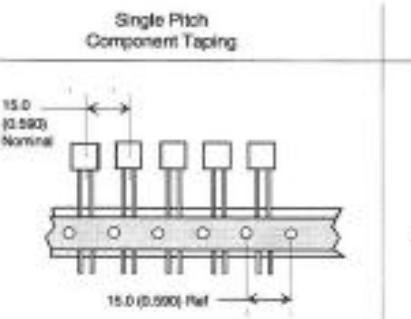
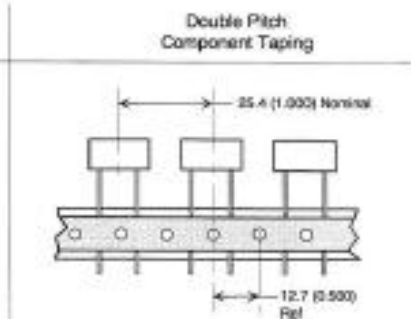
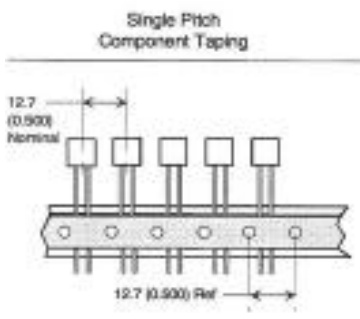
Power Conversion



High-Mix Environments



S-3010A radial lead components in tape-package



Component Spacing for 12.7 (0.500) Pitch Tape

Component Spacing for 15.0 (0.590) Pitch Tape



S-3010A radial machine working in Customer



Best pre-sales / after sales service support

- **Worldwide Support**
- **Free Installation/ Training**
- **1 day lead-time (spare parts)**
- **1 Month customize solution**



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Looking forward to your email

info@smthelp.com