



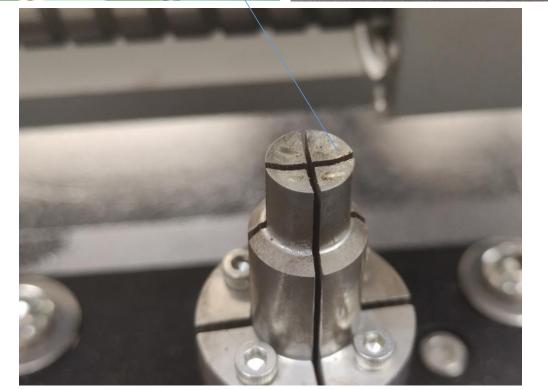






Formed lead

Electronic components do not need to be formed, the machine has an automatic lead forming device



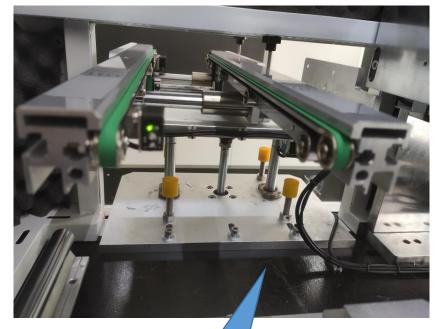
Lead Forming Device

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Odd Form Definition

- Odd Component:
- Odd shape through-hole components that cannot be automatically placed using standard throughhole insert machines due to the component's height, shape or weight.





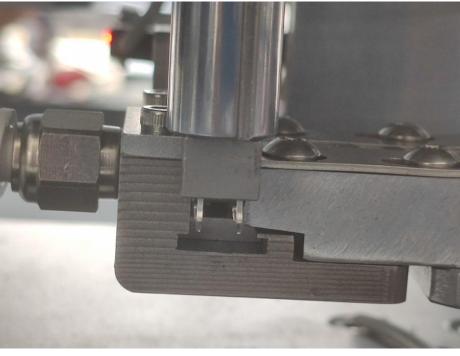
Conveyor to bear PCB

Transformer vibration plate material



Odd Form Trends

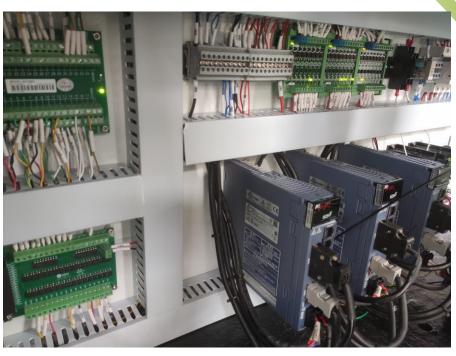
- Drive to reduce defects
- Increase throughput
- Cost/availability of manual labor
- Packages becoming available
- Reduce cost of manufacturing



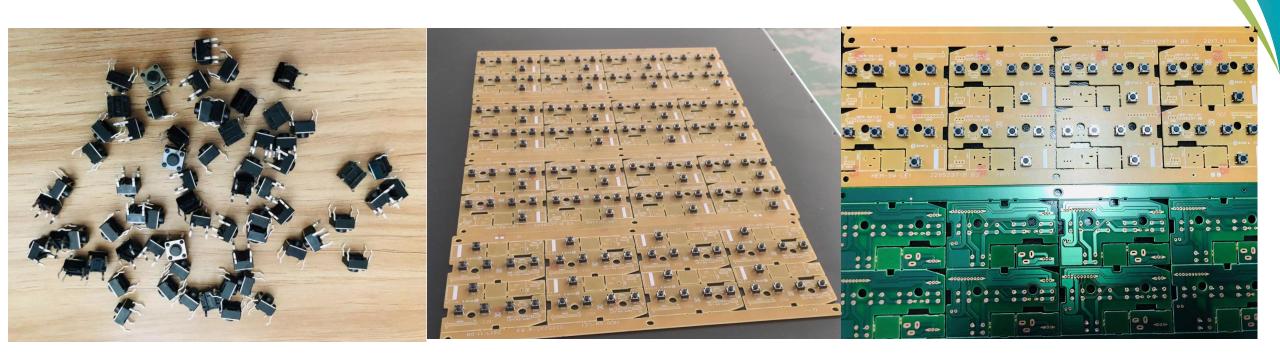




- Odd form factor component handling for PCB assembly
- Market Challenges
 - Irregular packaging
 - Conversion from Hand assembly
 - Competing in low cost markets
 - No industry standards governing assembly process
 - Large / heavy components
 - High force requirements
- S-7000D Advantage
 - Most flexible head available on the market
 - Vision component inspection enables use in Pin in Paste applications
 - Vision component inspection finds quality problems before insertion
 - Data driven programming and component database bridges the gap between custom automation and Surface Mount assembly machines







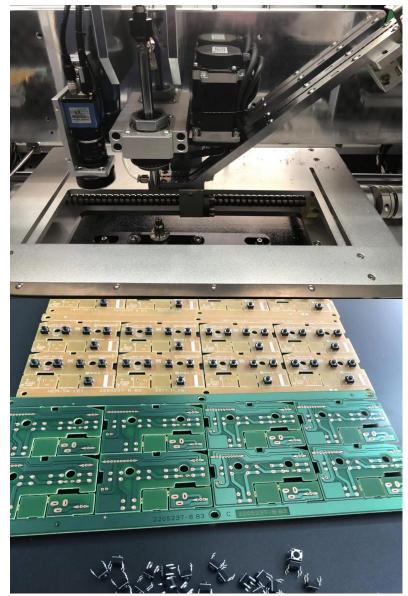
straight lead components

Finished PCB

Both sides



- Highest Throughput
- •8,000 CPH Spec Speed
- Insertion Head
- Single Head to Four Head (Optional)
- Lowers Cost of Ownership
- Low Energy costs. Power supply: 2.0KVA
- Minimal preventative maintenance required. RMB2,000/Month/Unit
- Easy to Use User Interface
- Easy operation, use Excel program and USB input.
- Off-line programming available
- Components available: Tact Switch, Outer diameter: 6.0×6.0-10×10 \ Handle length ≤3.5mm.





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A switch with a suction head



High Version Conveyor Series

Standard features

Pannasonic PLC Program control.

Start / Stop push button.

Anti-static conveyor belt.

Centre PCB stop position.

Easy way of belt replacement.

Inspect and by-pass mode selectable.

Sturdy structure offers reliable operation in demanding production.

PCB precise stopping in position.

Smooth and parallel width adjustment.(lead screw)

SMEMA compatible.

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)
S-H50	500X745X900	50X50-445X407	68KG
S-H100	1000X745X900	50X50-445X407	85KG









SMT PCB Magazine Loader



- This equipment is used SMT circuit board production line operating upper and lower plates.
- Magazine quantity: upper 1pc, bottom 1pc.
- Tank Replacement time: about 30 seconds or a user specified
- step select: 10,20,30,40 mm or user
- spec. 110V or 220V, single phase max 250VA.
- Barometic pressure from 4-6 bar, up to 10/min
- Flexible platform to suit standard magazines.
 Regulated pressure on attached pneumatic pusher.
 Pusher position adjustable to centre of the magazine.
 User friendly "soft touch" LED membrane controlpanel.

Model	Dimension (L*W*H.MM)	Effection PCB size	Weight(KG)	Rack size(L*W*H.MM)
SLD250	1330*765*1250	50*50-330*250	140KG	355*320*563
SLD330	1650*845*1250	50*50-445*330	200KG	460*400*563
SLD390	1800*909*1250	50*50-530*390	240KG	535*460*563
SLD460	1800*970*1250	50x50-530x460	300KG	535*530*563



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SUL330	2065*845*1250	50*50-445*330	220KG	460*400*563
SUL390	2660*909*1250	50*50-530*390	280KG	535*460*563
SUL460	2660*970*1250	50x50-530x460	320KG	535*530*563



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