

Eyelet Inserter S-7000E

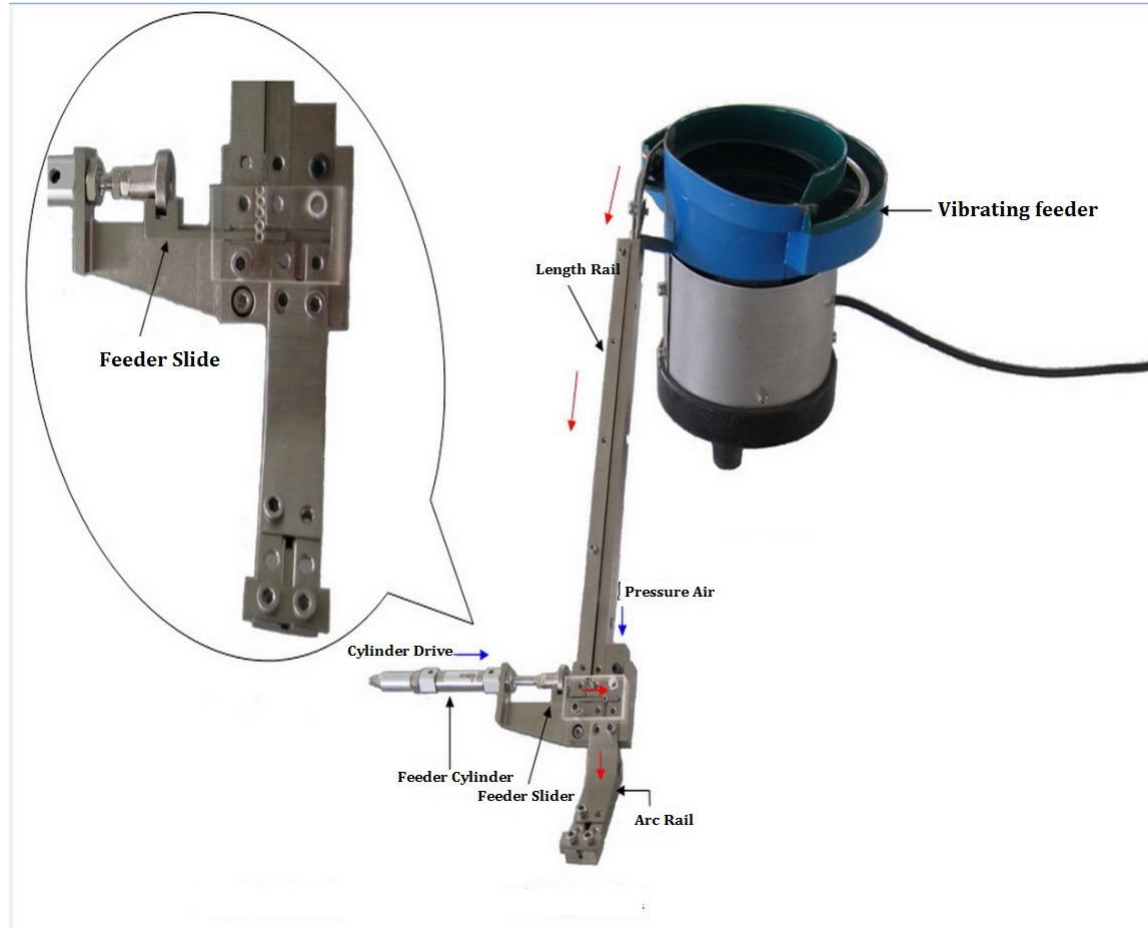


S-7000E Parameter Specification

- 9000CPH Spec Speed (1 Head)
 - PCB Size: Max. 450mm * 390mm
 - PCB Thickness: 0.76-2.36mm
 - Components available: 1.3-4.0mm Pin, Round Pin.
 - Insert Single Head to Four Head (Optional)
 - Machine dimension: 1900mm*1450mm*1600mm (L*W*H)
 - Machine weight: 1200KG
 - Power supply: Single Phase 220VAC, 50/60HZ, 1.0KVA
 - System Protection: UPS
 - Air pressure: 0.4-0.6Mpa (Round pin 0.55-0.6Mpa)/0.3M³/Min
 - Data input: USB interface input (EXCEL format)
 - Control System: English version interface (WINDOWS system control platform)
- LCD monitor
- Rotary table directions: Clockwise or anticlockwise
 - PCB transfer mode: Manual / automatic optional

Eyelet/Pin S-7000E - In Detail

-S-7000E Description

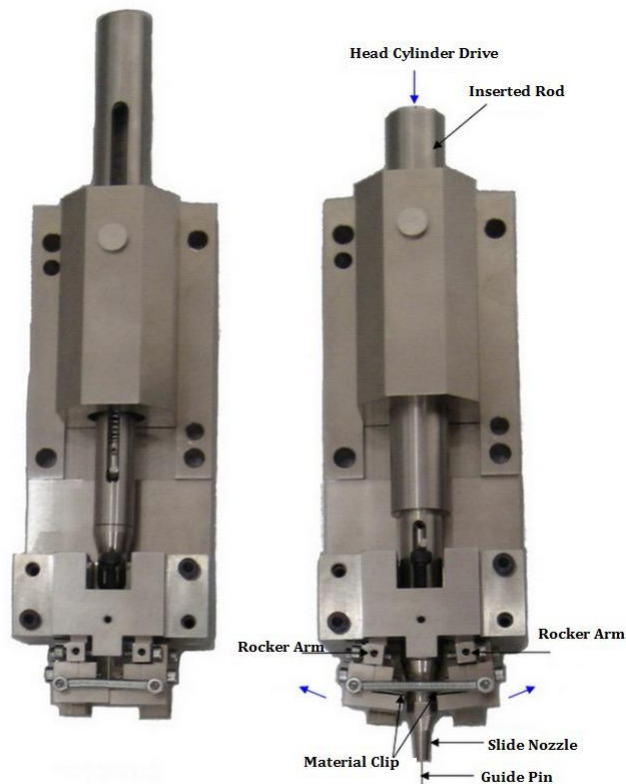


Part one: Feeder station

1. Vibrating feeder sequence bulk rivet/Eyelet pin to length rail.
2. Use Eyelet/Pin's weight through length rail slide down to feeder slider.
3. Feeder Cylinder drive the feeding slider to push the eyelet/pin on arc rail one by one.
4. Pressure air put eyelet/pin through arc rail and push it to the material Clip of insertion Head.

Eyelet/Pin S-7000E - In Detail

-S-7000E Description



* Action Start State

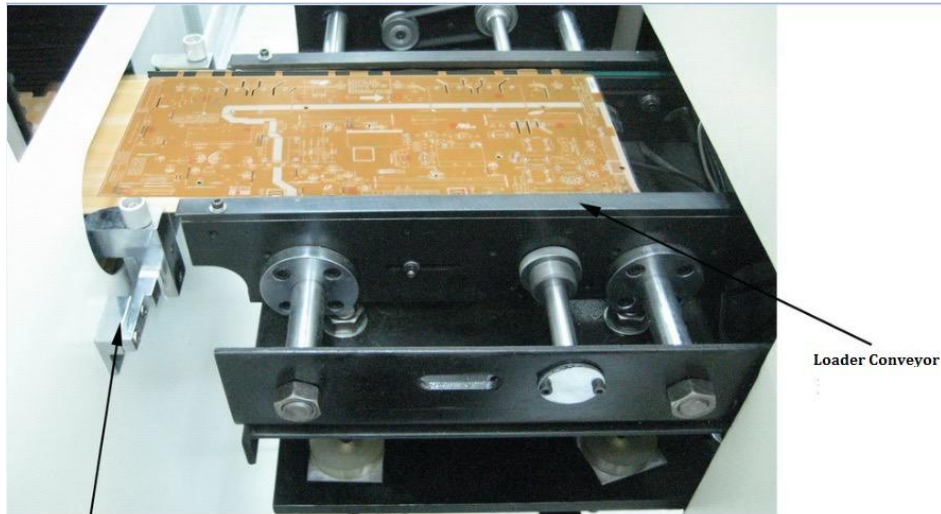
* Action Finished State

Part Two: Insertion Part

1. Head Cylinder drive the insertion rod and under pressure, guide pin through eyelet/pin positioning.
2. Conical part of slide nozzle will push rocker arm with material clamping to opening to both sides, Slide nozzle will press Eyelet/pin to the through hole of PCB.

Eyelet/Pin S-7000E - In Detail

-S-7000E Description

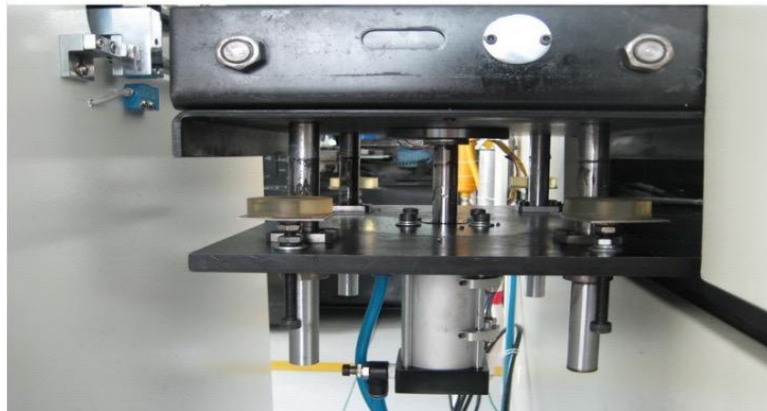


Loader

Loader Conveyor

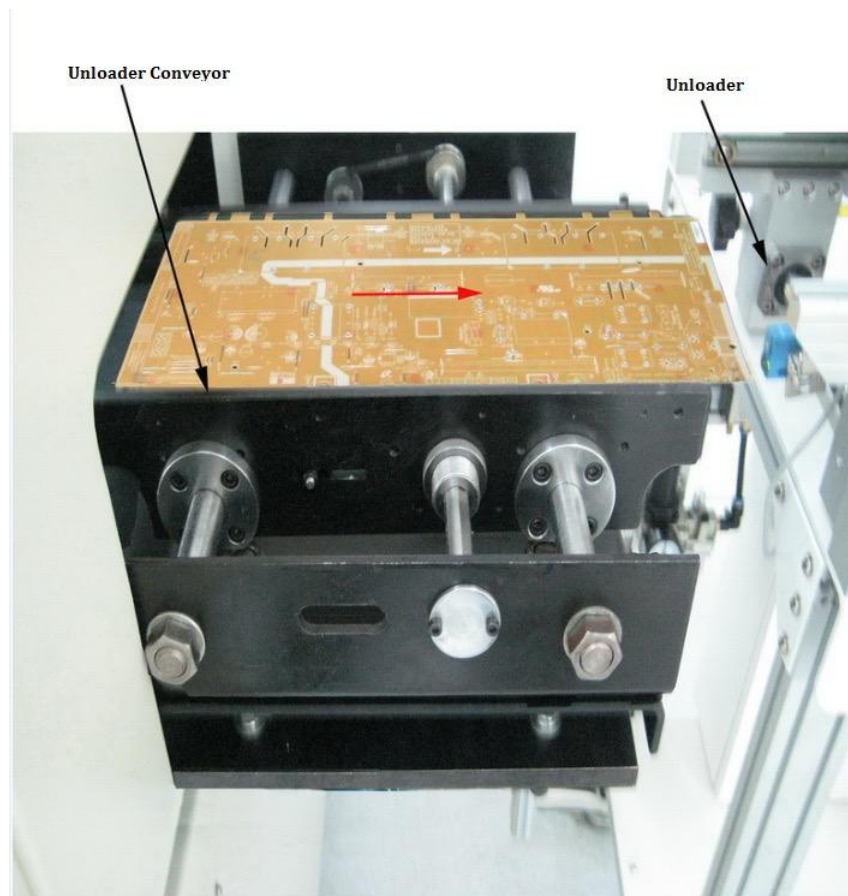
Part Four: Loader Coveyor

The Loader transport the PCB to loader conveyor.



Eyelet/Pin S-7000E - In Detail

-S-7000E Description

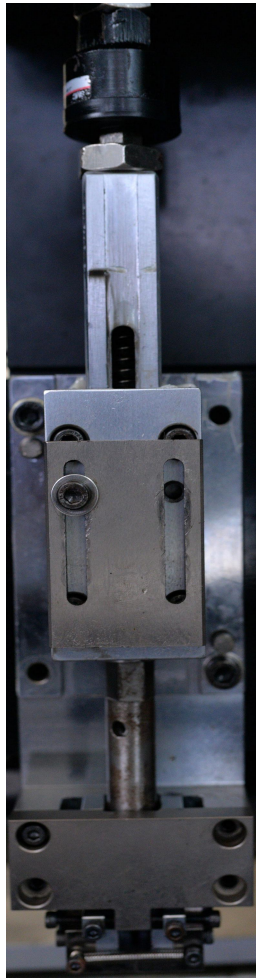


Part Six: Unloader Conveyor

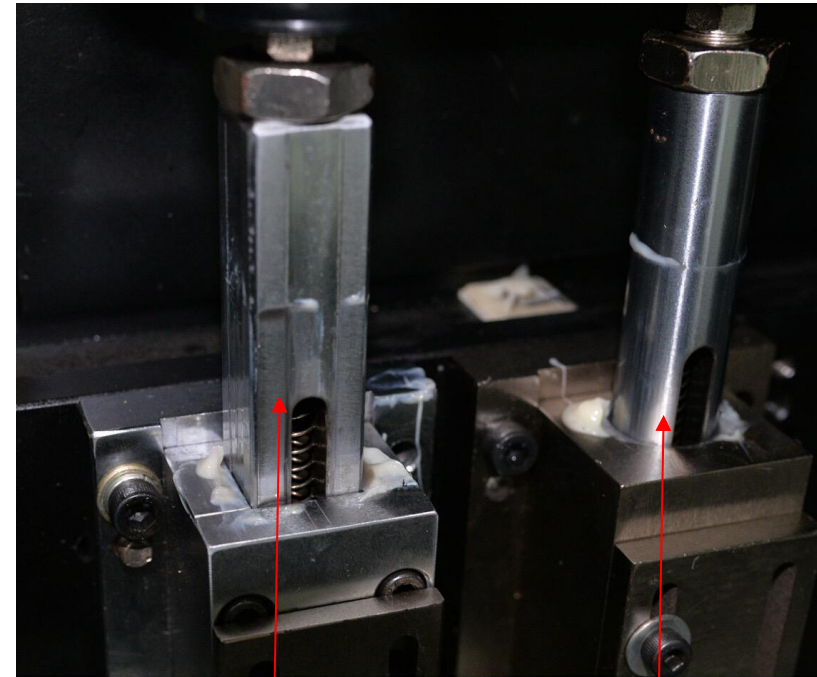
1. The Unloader conveyor will transport the completed insertion PCB to Unloader.

Head Upgrade

We abandon the traditional circular shaft, adopt new style square shaft, smaller gap, more smooth, more accurate positioning.



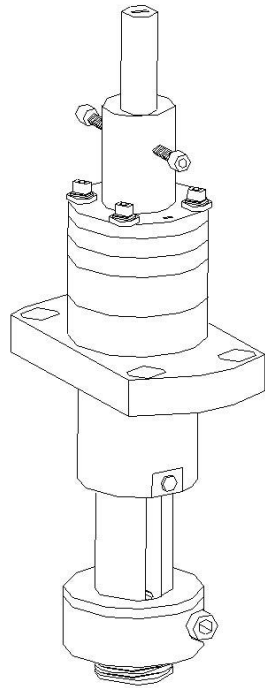
New Style



New Style
Square Shaft

Old Style
Circular Shaft

The traditional Die, screw fixation, low precision. Need adjust the center of the thimble when replace needle each time.

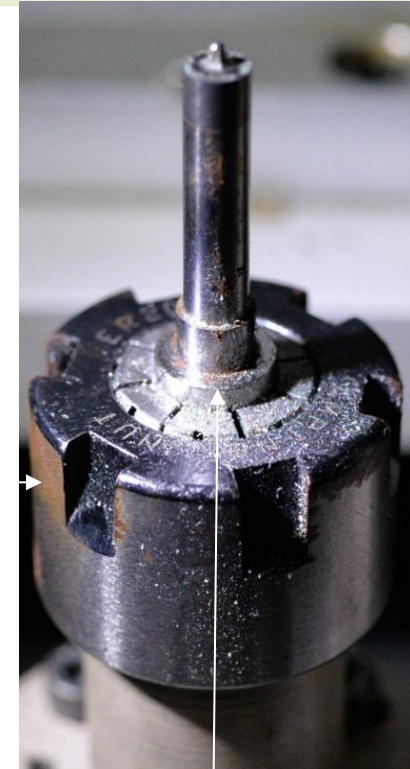


Old style Die

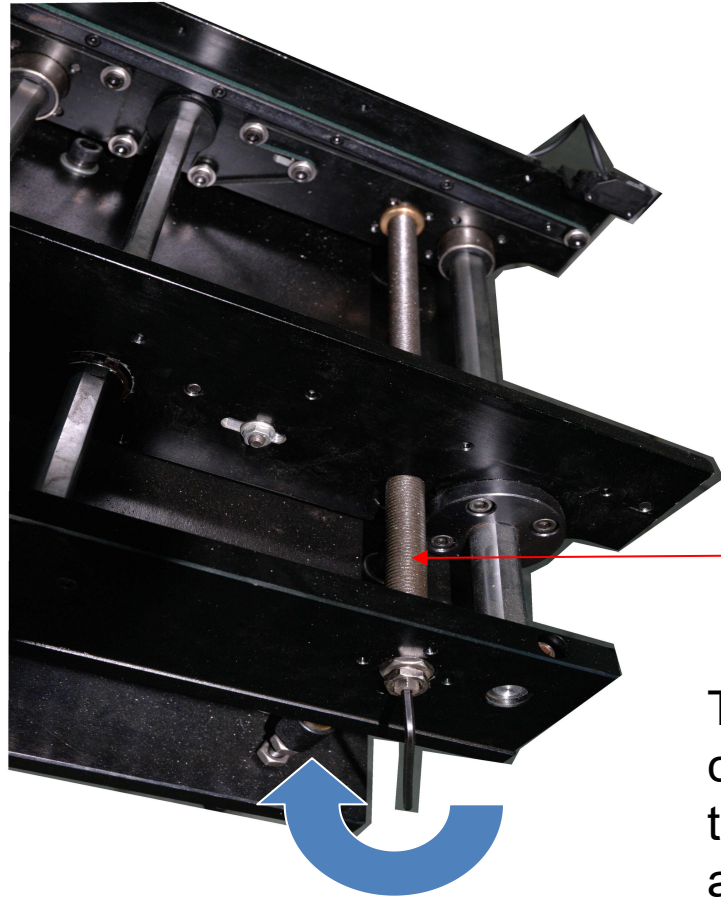
Base Upgrade



The new style die adopt Spiral bearing fixing thimble, always keep a thimble location center not offset, without adjusting thimble after replacement.

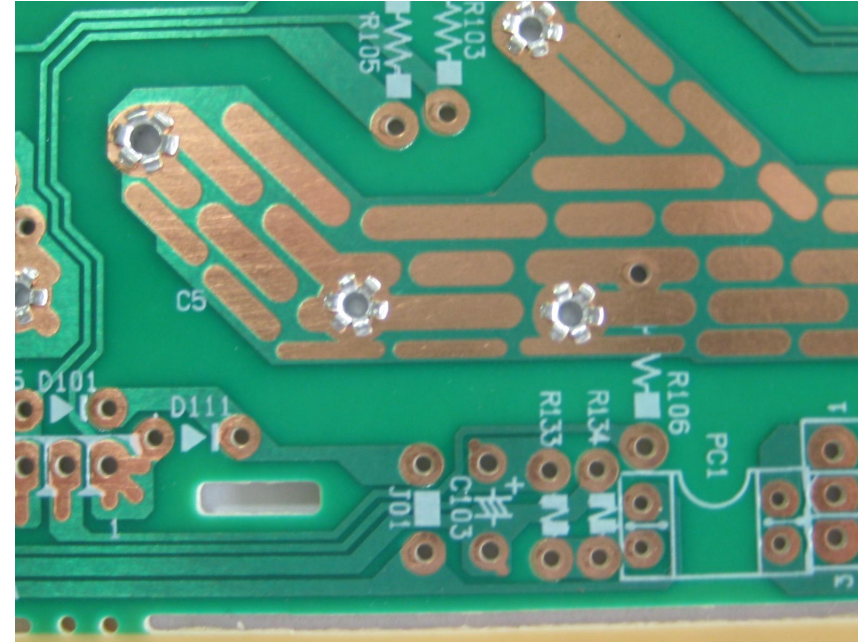
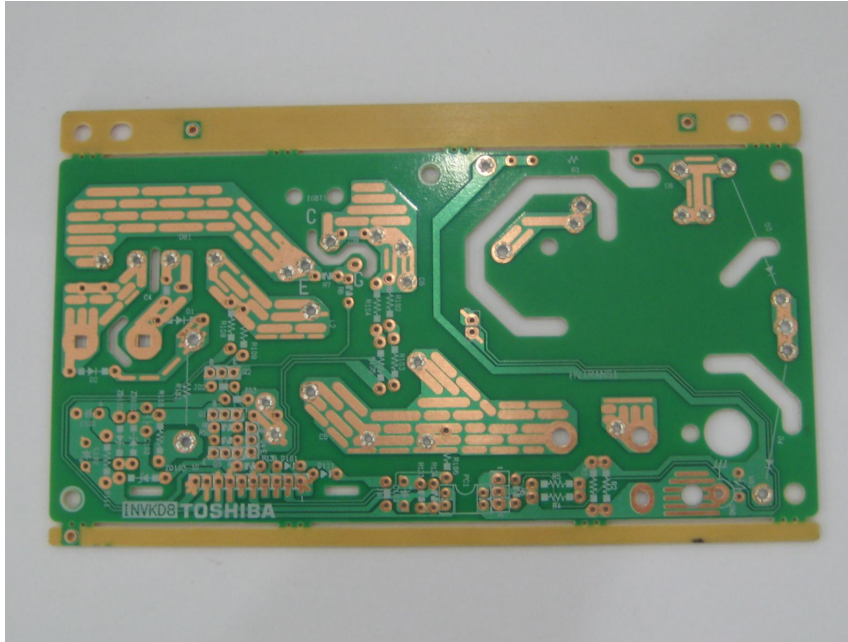


Board Handling Upgrade



The New board handling rail add screw rod control and adjust the width to instead of traditional rail loosen screw and push adjustment by manual.

Eyelet/Pin Insertion PCB



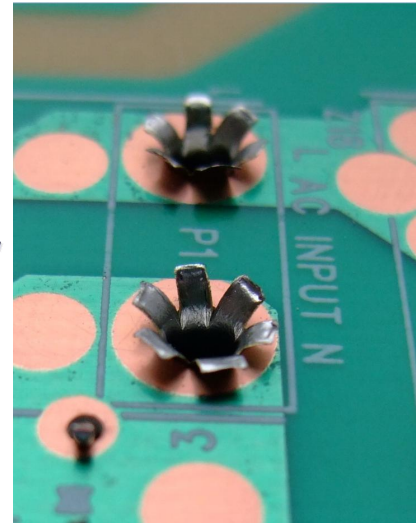
Eyelet/Pin Insertion PCB



Eyelet/Pin



**Eyelet/Pin after
insert to PCB**



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