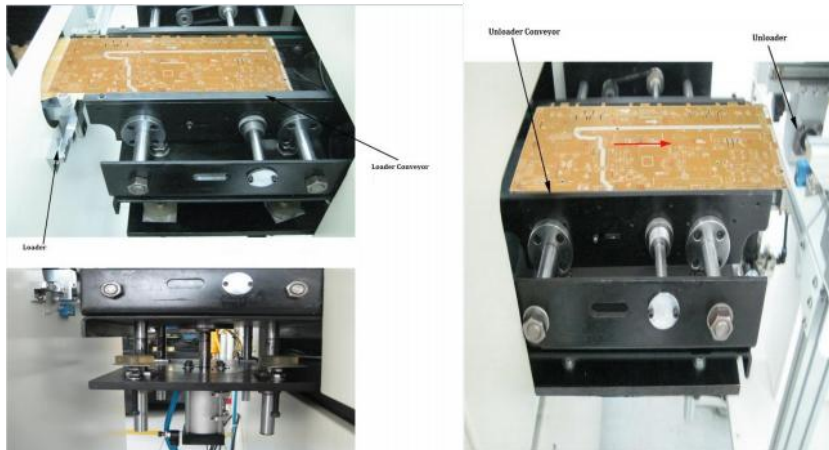


Eyelet Pin Insert Machine S-7000



Introduce:

1. Speeds up to 12000pcs/hour;
2. Bent foot detection, automatic recognition;
3. Dual bowl feeder for efficient and simple feeding;
4. Low maintenance feeder technology;
5. Double head work, higher speed and better stability.



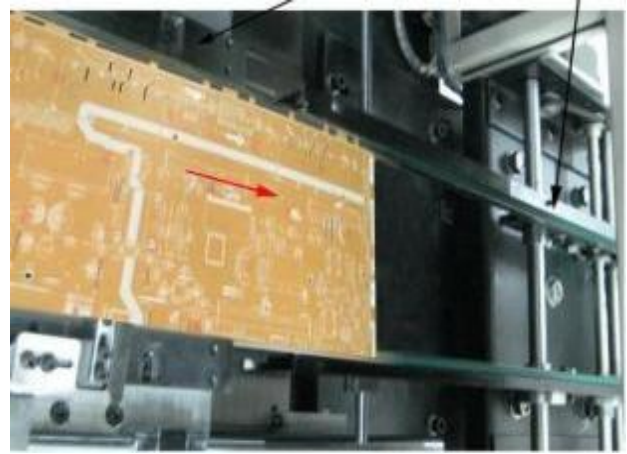
Loader Conveyor

Unloader Conveyor



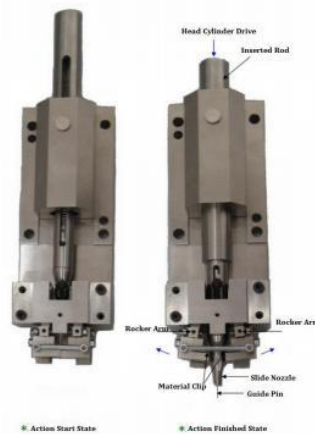
Feeder Station

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.



X-Y Working Area

1. The Loader conveyor transport the PCB to X-Y work table, X-Y servo motor to drive the X-Y work table positioning;
2. After base part of Insertion Head finish the insertion (Detection system will inspect the insertion successfully into the next step, if not finish then repeat this action), X-Y work table will transport the completed insertion PCB to Unloader conveyor.



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.

Specification:

Model	I.C.T-S7000
Insertion Rate	12000PCS/H
Package Types	Bulk eyelet pin
PCB Size	50*50-400*400mm
PCB Thickness	0.79-2.36mm
Component Height	0-18mm
Component Interval	3mm
Components Available	1.2-4 .0mm pin and tape pin

Insert Head	2pcs
Insert Direction	0-360°
Eyelet Pin Fixed Mode	Base on customer's technical require to standard the lower die
Control System	Industrial PC
System Protection	UPS
Air Pressure	4-6kg/cm ²
Air Consumption	0.3m ³ /minute
Coordinate Correction	Machine vision systems, multi- point mark vision correction
Driving System	AC Servo, AC motor
Data Input	USB interface input (Excel format)
Rotary Table	Clockwise or anticlockwise
Work Direction	Left→Right; Right→Left
Machine Size	1700*1500*1800mm
Weight	1800kg
Power Supply	AC220V 50HZ/60HZ 2.0KVA

*I.C.T keeps working on quality and performance, specifications and appearance may be updated without particular notice.

YouTube Video Link: <https://youtu.be/RNQHc5BcnaU>

Thanks for choosing I.C.T.
I.C.T looks forward to win-win cooperation.
Thank you.