

Alpha 1 Technologies

ZHX-TSW50 Tactile Switch Inserter



Machine Highlights

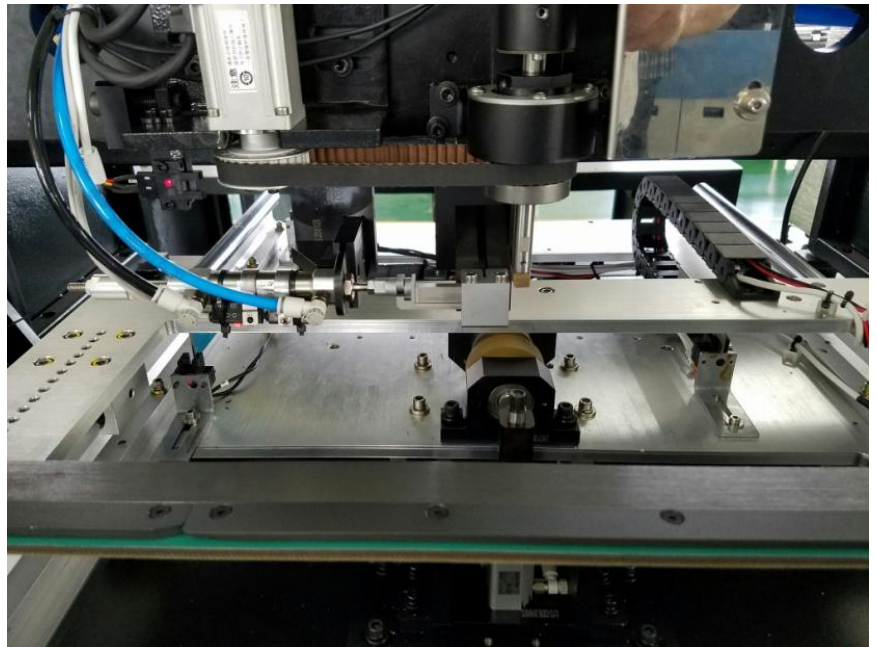
- Inserts Tactile Switches
- Optional cut and clinch
- Computerized controls, Windows 7 Platform, convenient operation and user friendly
- Vision system alignment, on-line auto teaching, automatic offset alignment, fiducial mark recognition
- AC Servo driving system, achieves stability & high speed accuracy
- 0-360° insertion angle with 1" increment
- Bulk component bowl feeder, low noise level and high stability, lead cut & cinch assembly available
- Standby power supply for 15 minutes operation if accidental power supply failure



Automate the hand insertion of Tactile Switches.

The Insertion head is designed to be simple and provide ease of maintenance.

Machine can be retrofitted with optional cut and clinch.



Techwin ZHX-TSW50-IN

General Specifications	
Theoretical Speed	10,000 cph
Insertion Direction	0°- 360°, 1° Increment
Component Lead Span	W4.5mm ; L6.5mm
Board Size	Min 50mm*50mm Max 350mm*300mm
Process Height	900mm±20mm
Board Thickness	0.79~2.36mm
Track Width	50~300mm (Adjustable)
Component Style	L6mm *W6mm * H5mm 4 leads Mini Switches
Clinch Angle	45°Internal Bending
Machine Dimension	Main Body: L1820xW1420xH1500 mm
Weight	Main Body : Approx 750kg
Power Requirement	AC220V, Single Phase, 50/60Hz, 1.0Kw
Power Protection	UPS, 15 minutes duration after power cut-off
Air Pressure	0.4~0.7 Mpa
Air Consumption	0.3 M ³ /min
Environmental Temperature	5°C - 25°C
Noise Level	60 db
Position Teaching	Vision System : Multi Fiducial
Axis Driving System	AC Servo Motor
Data Input Style	USB Port, Excel Format
Control System	Chinese/English Interface (Windows Platform) LCD Display
Operation Mode	Auto / Semi Auto
Board Handling	Automatic Left To Right(Selectable)
Programming	On-line Teaching \ Off-line Teaching