

Double Piece Sensor  
双层感器



Tray Transfer  
托盘传送机构



PCB Picker  
PCB 提取臂



Tray  
平托盘



General Specifications/规格:

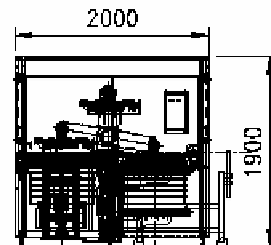
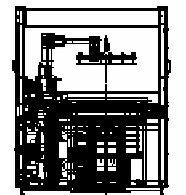
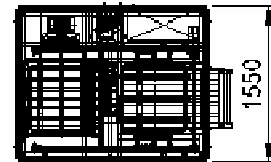
1. Panel Size/板的尺寸: 18" x 24"(Min)~ 21" x 24"(Max)
2. Panel Thickness/板的厚度: 0.05mm~3mm

## TS99533-1-2 Loader Unloader

TS99533-1-2 Loader Unloader is Compact Design Handling system of PCB at tact time of about 7~8 panels per minute. It accepts slot trolleys with trays and interfaces to other processes via flat belt conveyor at pass height of about 950mm. It can be used in processes like, DFM Treatment line, Copper Plating line etc where small machine footprint is needed. Contactless centering is optional especially for thin panels.



Slot Trolley  
小车



### Machine Specifications

Model	TS99533-1-2
Panel Size	18" x 24"(Min) ~ 21" x 24"(Max)
Panel Thickness	0.05 ~ 3mm
Cycle Time	7 ~ 8 panel/min (Max)
Conveyor Pass Line	950±30mm
Loading Position	1 Slot Trolley
Interleave	No
Electrical Connection	AC415V+NV,3 phase,50Hz,3KW
Air Supply	5 Bar, 50l/min
Machine Weight	1000 Kg per unit
Machine Size	2000mm(L) x 1550mm(W) x 1900mm(H)

### Options

Safety Feature	Swing door with safety sensor; Sliding door with safety sensor; Curtain sensor
Picker Pad	Φ33mm ; Φ20mm ; Φ18mm ; Φ14mm ; Φ12mm ; Φ10mm ; Cyclone
Picker Type	2 Fixed rows and 1 Manual adjust row ; 2 Fixed rows and 3 Position pneumatic row ; 2 Fixed rows and 1 Motor adjust row ; 2 Fixed rows ; Custom design
Conveyor Type	Flat belt 3×30mm+2×130mm ; Flat belt 5×30mm ; Roller Φ60mm
PCB Stopper	Single position ; Double position
Separation	Single pounder ; Double pounder ; Triple pounder ; Vibration
PCB Edge Referencing	Diverter with hard stop ; Contactless
Thickness Checker	Double piece sensor
Identification	Ink jet printer ; vision camera

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