



Loader



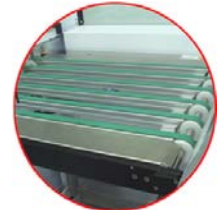
PCB Picker
PCB 提取臂



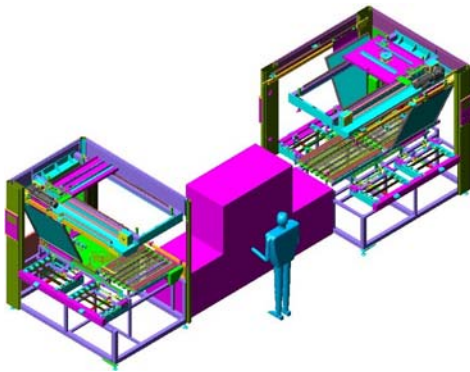
Double PCB Sensor
PCB重叠检测器



V Magazine
V型托盘



Belt Conveyor
带传送机构



Unloader

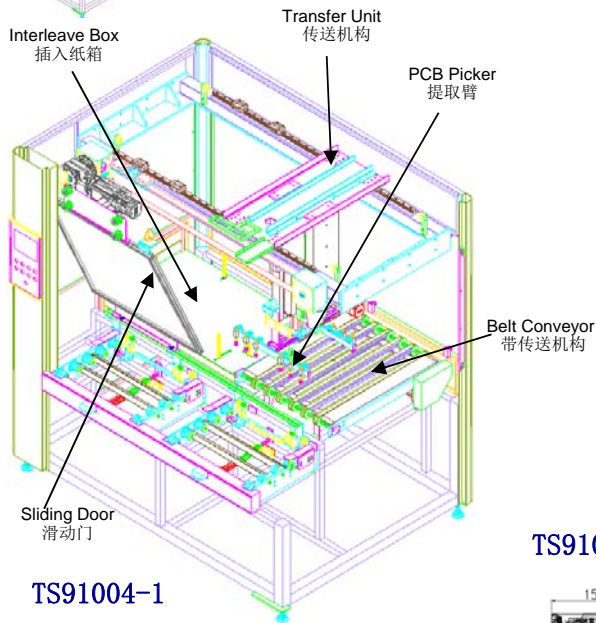
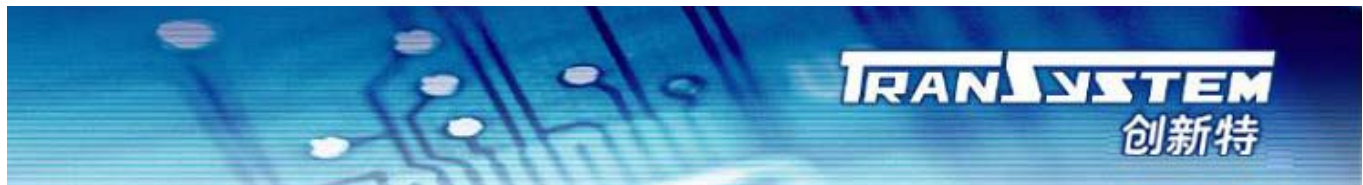
General Specifications/规格:

1. Panel Size/板的尺寸: 18" x 24" (Min) ~ 21" x 24"(Max)
2. Panel Thickness/板的厚度: 0.085mm~3mm

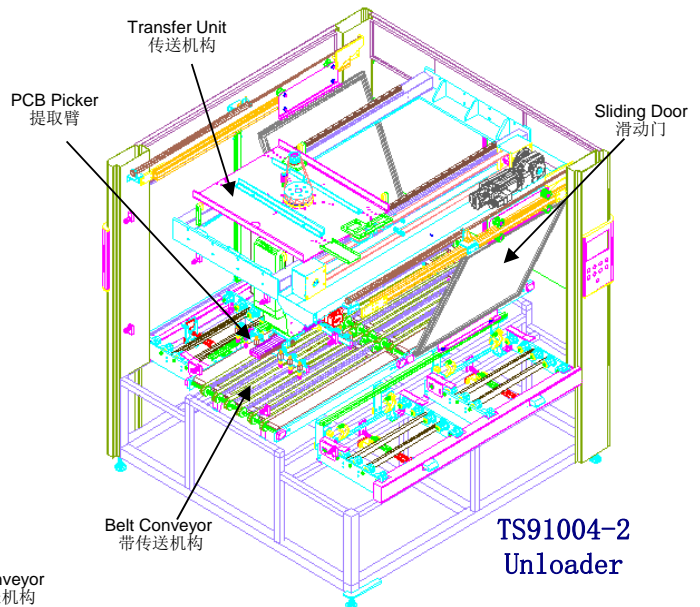
TS91004-Schmoll Automation

TS91004 consists of a Loader and Unloader for Schmoll X-Ray drilling of PCB as thin as 0.085mm. The Loader accepts PCB in V magazine and separates the interleave while loading the PCB onto the belt conveyor. The belt conveyor transports the PCB onto the Schmoll X-Ray drilling. On the Schmoll, the PCB is accurately centered before X-Ray drilling. After X-Ray drilling, the Schmoll transports PCB onto the Unloader where the conveyor reference the PCB and sorts into four different V magazines according to the X-Ray drilling quality.

该设备包括投板机和收板机，它主要处理厚度为0.085mm的PCB。投板机从V型托盘里接受PCB，当它将PCB运送到传送机构时将插入纸箱分开。在传送机构到达系统之前它接受PCB。在系统中，当PCB钻孔之前它准确的再次到达中心。钻孔后，系统将PCB放到收板机上，传送机构上的PCB通过钻孔质量将它们分类到四个V型托盘上。

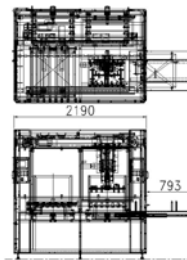
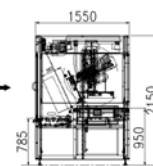


TS91004-1

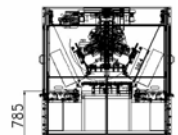
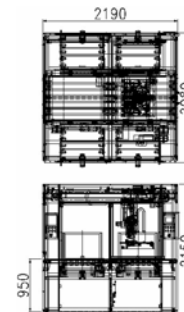


TS91004-2 Unloader

TS91004-1



TS91004-2



Machine Specifications

Model	TS91004-1	TS91004-2
Panel Size	18" x 24" (Min) ~ 21" x 24"(Max)	
Panel Thickness	0.085~ 3mm	
Load/Unload to Schmoll	4~5 panel/ min with inerleave	8 panel/min without interleave
Conveyor Pass Line	950mm±40mm	
Loading Position	Two V-type magazines	Four V-type magazines
Interleave	Yes	No
Air Supply	5 Bar	
Electrical Connection	AC415+NV, 3 phase, 50Hz, 3KW	AC415+NV, 3 phase, 50Hz, 5KW
Machine Weight	1000 Kg per unit	1100 Kg per unit
Machine Size	2190mm(L) x 1550mm(W) x 2150mm(H)	2190mm(L) x 2080mm(W) x 2150mm(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
Reject Identification	Ink jet printer

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