

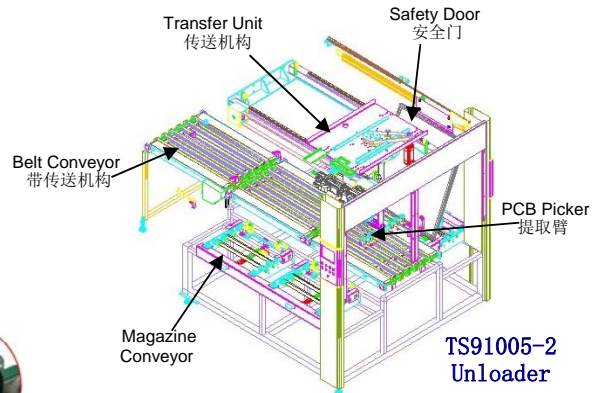
Loader



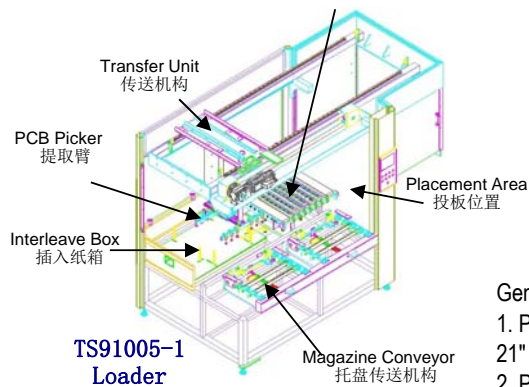
PCB Picker
PCB 提取臂



Double PCB
Sensor



**TS91005-2
Unloader**



**TS91005-1
Loader**



V Magazine
V型托盘



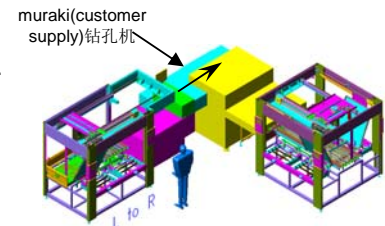
Unloader

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

TS91005-Muraki Automation

TS91005 consists of a Loader and Unloader for Muraki 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 centering conveyor. The centering conveyor references the PCB before it is placed onto the Muraki. On the Muraki, the PCB is accurately centered again before X-Ray drilling. After X-Ray drilling, the Muraki places the PCB onto the Unloader where the conveyor reference the PCB again and sorts into four different V magazines according to the X-Ray drilling quality.



Machine Specifications

Model	TS91005-1	TS91005-2
Panel Size	18" x 24" (Min) ~ 21" x 24"(Max)	
Panel Thickness	0.085~ 3mm	
Load/Unload to Muraki	3.5 ~ 4 secs per cycle	
Conveyor Pass Line	940mm	
Loading Position	Two V-type magazines or two trays	
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 1600mm(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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