

Depanelist @ DPL-TM















Ultimate PCB Depaneling Router

Moebius 



Cutting Two Kinds of PCB with One Machine!

Features & Advantages

-  "NEW CONCEPT" Endless & Unlimited Cutting
-  Zero Loss Time (Transform 1↔2)
-  Ultra High Speed & Independent Dual Z-Axis
-  Selective Use of Single or Dual Spindle
-  The Shortest Cycle Time from Dual Spindle
-  Ionizer for Easy Removal of Dust
-  User friendly GUI based on IPC & Touch LCD
-  Quick & Easy Programming with Camera & MPG
-  Bit Broken & Slip Down Detection
-  Automatic Bit Positional Correction
-  Real-Time Monitoring of Spindle RPM
-  Quick Model Changeover
-  Safety Interlock for Protecting Operators
-  Automatic Loading & Unloading System

Options

-  Fingerprint Verification & Protocol Management
-  Teaching Data Conversion (CAD/CAM)
-  Network Module Tower Light for LMS or Machine Status Monitoring
-  Vision System for Fiducial, Barcode Reading
-  Barcode Interlock & MES Interface
-  Edge Detection for Perfect Accuracy
-  Real-Time Self-Diagnosis Dust Collector
-  Automatic Tray / Pallet Unloading System
-  NG Separation
-  Pass / Fail PCB Automatic Separation
-  Conveyor Belt(Standard) / Tray(Option) / Pallet(Option) Unloading System

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Moebius 
Ultra Highest Performance & New Concept Router



1 + 1 Mode (Single)

- Two Single Routers
- Totally Independent Process



2 X 2 Mode (Dual)

- Typical Two Head Performance
- Double Speed & Double Volume



Moebius Mode (Transform)

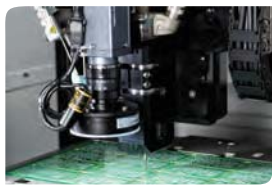
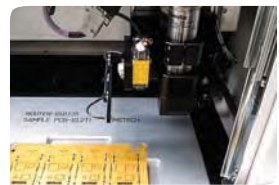
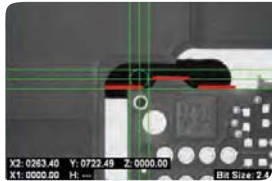
- Endless & Unlimited Cutting
- Zero Loss Time (Transform 1↔2)
- Up to 20~25% Higher Performance
(Compared to 2X2 Mode)

- Ultra High Speed & Independent Dual Z-Axis**
- Bit Broken & Slip Down Detection**
- Fiducial Check & Barcode Read**
- Real-Time Spindle RPM Monitoring**
- Fingerprint Verification & Protocol Management**

Specifications

Technical Characteristics	Dimensions	1850 x 1500 x 1750 (WxDxH)
	Weight	Approx. 1,200kg
	PTP Speed	1,000mm/sec(Max.)
	Cutting Speed	100mm/sec(Max.)
	Cutting Accuracy	±0.08mm
	Repeatability	±0.01mm
	Spindle Motor	2 Spindles
	Motor Specifications	14 Axis AC Servo Motor
	Controller	Industrial PC Based Control
	Jig Type	Dedicated Pallet Type
	Program Environment	Windows(GUI) Based on IPC
	Display	TFT LCD 17" Touch Monitor
	Data Acquisition	Camera with MPG
	Noise Level	70 ± 3 dB
Dust Collector	5HP, 3 Phase 220V or 380V	
Installation Requirements	Power Supply	1 Phase 220V 50/60Hz
	Air Pressure	5.5kg/cm ² (80PSI)
PCB Specifications	Panel Size	Max. 350 x 400 mm
	Thickness	0.4~3.2mm

Options

- Vision System** 
- Barcode Interlock & MES** 
- Auto Pgm. & Inspection** 
- CAD/CAM Conversion** 