Depanelist

WORLD CLASS PRODUCT OF KOREA 1 · 세계일류상품 · kfq · IQNet · CE · TUV SUD

MSTECH

Ultimate PCB Depaneling Router

ⓜ DPL-T

Moebius ∞

Routing For 2 Kinds of PCB In 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
- Compact Footprint
- Ionizer for Easy Removal of Dust
- User friendly GUI based on IPC & Touch LCD
- Quick & Easy Programming with Camera & MPG
- Automatic Bit Positional Correction
- Quick Model Changeover
- Safety Sensors for Protecting Operators

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, NG Mark Recognition
- Barcode Interlock & MES Interface
- Edge Detection for Perfect Accuracy
- Bit Broken & Slip Down Detection
- Real-Time Monitoring of Spindle RPM
- Real-Time Self-Diagnosis Dust Collector

Depanelist
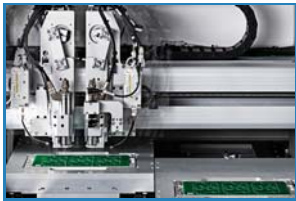
@ **DPL-T**

Ultimate PCB Depaneling Router

Moebius ∞
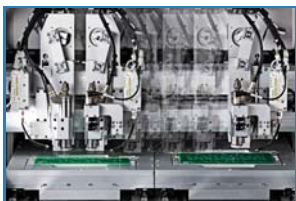### Ultra Highest Performance & New Concept Router

1 + 1 Mode (Single)
- Two Single Routers
- Totally Independent Process

2 X 2 Mode (Dual)
- Typical Two Head Performance
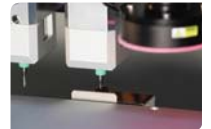- Double Speed & Double Volume

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
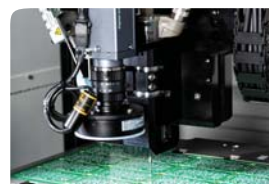
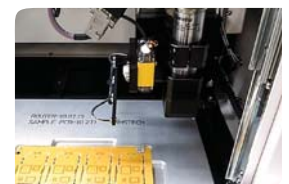**Fingerprint Verification & Protocol Management**

Specifications

Technical Characteristics	Dimensions	1100 x 1200 x 1500 (WxDxH)
	Weight	Approx. 580kg
	PTP Speed	1,000mm/sec(Max.)
	Cutting Speed	100mm/sec(Max.)
	Cutting Accuracy	±0.1mm
	Repeatability	±0.02mm
	Spindle Motor	2 Spindles
	Motor Specifications	6-Axis AC Servo Motor (X1, X2, Y1, Y2, Z1, Z2)
	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/cm² (80PSI)
PCB Specifications	Panel Size	Max. 350 x 400 mm
	Thickness	0.4~3.2mm

Options

Vision System

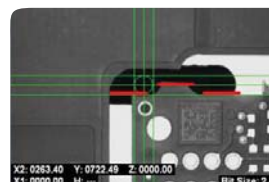**Barcode Interlock & MES**

Auto Pgm. & Inspection

CAD/CAM Conversion