

PCB ROUTING SYSTEM

■ PRS-3000D ■



FEATURES

- Compact robot system and Stand-alone(Off-line) Type (완벽한 로봇 본체의 구조와 독립적인 작업 방식)
- High Quality and Minimizing the stress on PC Board Routing system (높은 품질 및 최소의 충격에 의한 작업)
- Multi Spindle head and two work base table (하나 이상의 스피들 헤드 및 두개의 작업 테이블 구성 시스템)
- 2-way sliding exchanger provides a simultaneous and individual operation (2종류 모델 독립 생산 시스템)
- Touch screen direct teaching & MPG system (프로그램 작성시 터치 스크린과 조그에 의한 직접 입력)
- Bit Auto step down system for each model (각각의 독립적인 모델에 대해 자동 비트 다운 기능)
- Fast & Accurate Movement and routing by Ac servo motor (고속 고품질 서보모터에 의한 정밀한 이송)
- Powerful dust collecting capability system (강력한 집진 능력을 보유한 외부 집진기 장착 시스템)
- Life cycle checking system for Bit (공구 수명 연장 관리 시스템 기능)
- Very Safe Operation by safety control system (사용자의 보호를 위한 안전 시스템 기능)



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PCB Router Technical data PRS-3000D

System Dimensions

Width: 1100mm
 Depth: 1150mm
 Height: 1,630mm
 Weight: Approx 400Kg

Programmable axis

Drive method: Multi AC servo motor
 X, Y1, Y2 and Z axis
 Servo repeatability: ± 0.01 mm
 Moving speed: 1,000mm for each axis
 Router speed: Up to 100mm/sec

PCB Handling

Work table: Two work
 Work area: 350mm x 300mm
 PCB Thickness: 0.4 ~ 2.4mm

Control

IMPEC Routing control software
 TFT Touch screen
 RS232C PC Communications

System Programming

TFT Touch screen direct teaching system or
 MPG handle function
 Program data 96 memory (256 step)
 Line, Arc, Circle, Spline
 MDI, Jog

Software Features

Bit life cycle check
 Bit Auto step down System
 User Password Protection
 Error message display
 Safety sensor system

Utilities

Router: AC 220V, 1Phase
 50/60Hz, 2.0KVA
 Dust Collector: AC 220V/380V, 3Phase
 50/60Hz, 1.5KVA
 Pressure: 6 bar(90psi)
 Flow: 200L/min

Spindle Motor

Type: High Speed Spindle Motor
 Rotation: Adjustable 50,000 rpm
 Cooling: Air cooling system
 Chuck diameter: Shank size 3.175mm
 Tool change: Manual/ATC (Option)

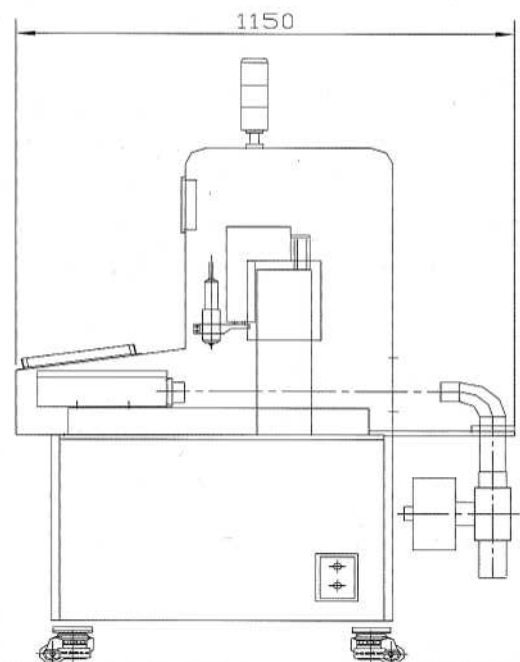
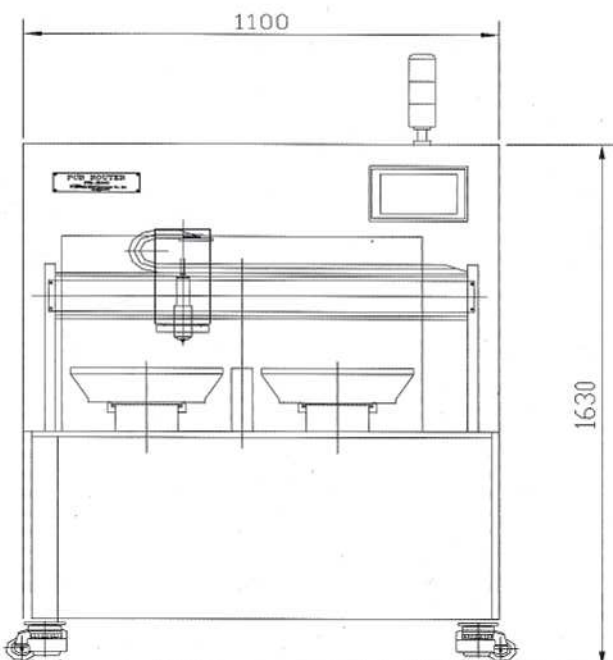
Dust Collection

Auto digital control type
 Power: 1.5Kw~
 Filter: Polyester filter
 Pressure: 230mmAq~
 Noise level: 68 ± 3 dB

Options

Ionizer System
 Dust Collection Auto Shaking System
 Fool proof checking system
 Teaching vision unit
 Auto W axis motion
 Multi Spindle head unit
 User design jig type

※ Specifications in this brochure are subject to change for better performance without prior notice.



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