PCB DEPANELING

880F

Offline 4-axis PCB router

3-YEAR FACTORY WARRANTY

Dual marble worktable with dual Y axis: two fixtures, two different products cut at the same time. ES, EW and EX sizes for PCBs up to 450 × 500 mm.



±0.05 mm	±0.02 mm	60 000 rpm	450 × 500
Cutting precision	Repeat precision	NSK spindle, max.	Max. PCB, mm (EX)

01 / OVERVIEW

Key features

Dual marble worktable

High precision, strong stability; the two tables can be joined into one large worktable.

Two products at once

Dual fixtures on the dual worktable: two different products are cut at the same time.

Dual Y axis

Left and right tables driven by servo motors and screw guide rails: fast, stable processing.

Cutting functions

Straight lines, arcs and irregular edges; broken-tool and tool-slip detection.

Universal PIN fixture

Compatible with tooling fixtures of other brands, to reduce follow-up costs.

High-speed spindle

Japanese NSK spindle, max. 60 000 rpm: low cutting stress, high precision.

02 / TECHNICAL DATA

Machine specification

CUTTING

Cutting precision	±0.05 mm
Repeat precision	±0.02 mm
Max. moving speed	X, Y, Y 1000 mm/s; Z 800 mm/s
Cutting speed	0–100 mm/s
PCB size	ES 300 × 350 mm; EW 350 × 450 mm; EX 450 × 500 mm
PCB thickness	0.3–6 mm
Cutter size	0.8–3 mm

MACHINE

Power	AC 220 V ±10%, 50/60 Hz, 4 kW
Air supply	4–6 kg/cm²
Working temperature	-20 to 45 °C
Working humidity	30–60%
Machine size	ES 1200 × 1450 × 1450 mm; EW 1342 × 1640 × 1516 mm; EX 1455 × 1638 × 1468 mm
Weight	ES 860 kg; EW 890 kg; EX 1070 kg

CONTROL

XYZ control	CNC motion controller
XYZ drive	AC servo
Spindle	NSK, max. 60 000 rpm
Tool change	Automatic (4-axis machine)
Dust extraction	Updraft or downdraft (free choice)
Cutter type	Right-hand cutter for updraft, left-hand cutter for downdraft
Ionizing air gun	Ion balance ≤ 15 V
PCB support	Multi support, special fixture
Fiducials	Standard shapes, circle, square
Program functions	Straight lines, semicircles, arcs; copy L-R and R-L, rotate copy, matrix copy; automatic compensation
User interface	English / Chinese

Configuration and quotation

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3-YEAR FACTORY WARRANTY ON INTEON MACHINES