

NEW

JANOME

Janome's PCB Depaneling Desktop Robot - JR2000NERT Series -

“Drive away defective items!”

+ All-in-one package

The robot unit, electric router, special software, and dust collecting kit are included in a package!

+ Minimizes defective items

The double-check system with the position error detection function of the robot and the router bit sharpness checking function minimizes defective items !

+ Available in 3 types

JR2203NERT, JR2303NERT, and JR2403NERT are available for varied operation ranges.

+ Simple teaching

Interactive teaching common to the JR Series is easy for anyone! Simply enter the preset items one by one; now it's ready to run!



<Specifications>

Item		Model	JR2203NERT	JR2303NERT	JR2403NERT
Operation Range	X- and Y-axes		200 × 200mm	300 × 320mm	400 × 400mm
	Z-axis		50mm	100mm	100mm
Cutting Range (Limit value)	X- and Y-axes		200 × 195mm	300 × 320mm	400 × 400mm
	Z-axis		45mm	95mm	95mm
External Dimensions W × D × H (Not including protrusion parts)			350 × 436 × 615mm	585 × 580 × 650mm	646 × 641 × 650mm
Body Weight			26kg	39kg	47kg
Teaching Method		Remote teaching (JOG) / Manual data input (MDI)			
Applicable Board Materials		Glass epoxy, paper phenol laminate, etc. (Maximum thickness: 1.6mm)			
Depaneling Locus Accuracy		0.2mm (guide value when router bit: Φ 0.8mm, cutting speed: 10mm/sec, PCB thickness: 1.6mm)			
External Serial Interface		RS422: 1ch (for teaching pendant) RS232C: 1ch (for PC: COM1) RS232C: 2ch (for external devices: COM2, COM3) (optional)			
External Input/Output		I/O-SYS IN: 16 / OUT: 16 I/O-1 IN: 8 / OUT: 8 (including 4 relay contacts) (optional)			
Power Supply Voltage		AC90 - 132V / AC180 - 250V (single-phase)			
Power Consumption		340VA			
Vacuuming Method		Ejector			
Supplied Air Pressure		0.5Mpa (5kgf/cm ²) Dry air			
Air Consumption		200Nℓ/min or more			
Tool Specifications		DC brushless motor, router bit diameter: 0.8mm, collet chuck			
Accessories		Operation manual, software (factory installed), dust collecting kit, router bit (consumable), spare vacuum nozzle			

- Specifications are subject to change without prior notice to improve product quality.

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