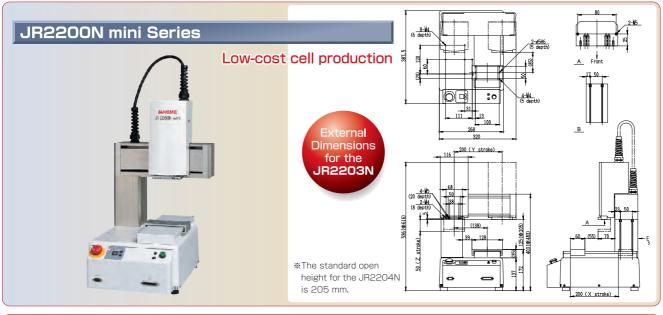
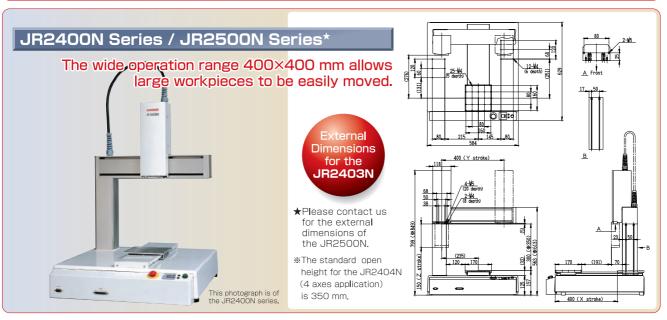
## Enhanced lineup with an operation range between 200mm×200mm and 510mm×510mm.

## **JANOME**







## Main Specifications for JR2000N Series

Model number		JR2203N	JR2204N	JR2303N	JR2304N	JR2403N	JR2404N	JR2503N	JR2504N
Axis-type*1		3	4	3	4	3	4	3	4
Range of operation	X,Y axis	200mm×200mm		300mm×320mm		400mm×400mm		510mm×510mm	
	Z axis	50mm		100mm		150mm		150mm	
	R axis		±360°		±360°		±360°		±360°
Portable weight <sup>*2</sup>	Work	7kg		llkg		llkg		llkg	
	Tool	3.5kg		6kg		6kg		6kg	
Speed	PTP(X,Y)	500mm/sec(5~500mm/sec)*4		800mm/sec(8~800mm/sec)*4		800mm/sec(8~800mm/sec)*4		800mm/sec(8~800mm/sec)*4	
	PTP(Z)	250mm/sec(2.5~250mm/sec)*4		320mm/sec (3.2~320mm/sec) **4				320mm/sec (3.2~320mm/sec) **4	
	PTP(R)		600°/sec (6~600°/sec)*4		800°/sec (8~800°/sec)*4		800°/sec (8~800°/sec)*4		800°/sec (8~800°/sec)*4
	CP(X,Y,Z)*3	500mm/sec (0.1-	~500mm/sec) *4	800mm/sec (0.1	~800mm/sec) **4	800mm/sec (0.1	~800mm/sec) *4	800mm/sec (0.1-	~800mm/sec) **4
Acceptable Moment of Inertia			65Kg·cm <sup>2</sup>		90Kg·cm²		90Kg·cm <sup>2</sup>		90Kg·cm²
Repeatability accuracy	X,Y axis	±0.01mm		±0.01mm		±0.01mm		±0.01mm	
	Z axis	±0.01mm		±0.01mm		±0.01mm		±0.01mm	
	R axis		±0.02°		±0.02°		±0.02°		±0.02°
Dimensions	Width×Depth×Height	320mm×380	mm×540mm	560mm×530	mm×650mm	590mm×630	mm×800mm	680mm×730	mm×800mm
Weight		18kg		35kg		42kg		43kg	
Power source		AC90~132V/AC180~250V (single phase)							
Consumption current		200VA							
Working ambient temperature		0~40℃							
Relative humidity		20~95% (no condensation)							
Teaching Method		Remote Teaching (JOG), Manual Data Input (MID)							
Teaching System		JR C-Points:Simple or broad-use teaching systems  · Simple: Easy teaching just by registering position and parameter  · Broad-use: User-oriented programming such as I/O control, teaching by point job.							
Teaching Pattern		Programming by teaching pendant (Optional)     Off line teaching using a PC (Optional)							
Program capacity		255programs							
Data memory capacity		Maximum 30,000 points *5							
Drive method		5-phase stepping motor							
Control method		PTP and CP							
Interpolate Function		3dimension line and Arc interpolation							
External interface		RS232C 1ch (For PC), 2ch (For External Device-optional) / RS422 1ch (For Teaching Pendant only)							
External input/output		IN : 16,OUT : 16 (IN : 24,OUT : 24 Optional)							
PLC function		100 programs, 1000 steps/1 program							
%1 Alen availahla with									

<sup>\*1</sup> Also available with 2 axes.

- \*2 Maximum Portable Weight for 2 axes models is 6.5 kg for the Tool and 7 kg for the Workpiece for the JR2202N, 10 kg for the Tool and 11 kg for the Workpiece for the JR2302N, JR2402N and JR2502N.
- \*3 Restricted by drive condition.
- %4 Speed Range
- %5 Point data shares memory with additional point data, point job data and sequence data. If this data is increased, the maximum data memory available is reduced.
- ☆ We can supply the robot for CE certified (optional)
- Specifications may change due to product upgrade without prior notice.

Desktop SCARA robot JSR/JS series is also available.



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