

CNC Production Center

R Series 450



R Series 510



R Series 560



R Series 600



A Series 560



A Series 600



S Series 600



S Series 500



E Series 1500



SPECIFICATIONS:

TYPE		R450			R450S			R4530S			R510			R560			
	Unit	Mitsubishi		Fanuc		Mitsubishi		Fanuc		Mitsubishi		Fanuc		Mitsubishi		Fanuc	
Spindle motor	Kw	3.7 / 2.2		3.7 / 1.1		3.7 / 2.2		3.7 / 2.2		3.7 / 2.2		5.5 / 3.7		5.5 / 3.7		3.7 / 2.2	
X Axis motor	Kw	0.45		0.5		0.5		1.0		1.5		1.6		1.0		0.5	
Y Axis motor	Kw	0.45		0.5		1.0		1.0		1.5		1.6		1.0		0.9	
Z Axis motor	Kw	1.0		0.9		1.5		1.6		3.5		3.0		2.0		1.0	
Table size	mm	500 x 320	Inch	19.7" x 12.6"		500 x 320	Inch	19.7" x 12.6"		500 x 320	Inch	19.7" x 12.6"		600 x 400	Inch	23.6" x 15.7"	
Max. table load	Kgs	200	LBS	440		200	LBS	440		200	LBS	440		250	LBS	550	
Longitudinal table travel	mm	450	Inch	17.7"		450	Inch	17.7"		450	Inch	17.7"		510	Inch	20"	
Cross table travel	mm	300	Inch	11.8"		300	Inch	11.8"		300	Inch	11.8"		400	Inch	15.7"	
Vertical head travel	mm	300	Inch	11.8"		300	Inch	11.8"		300	Inch	11.8"		460	Inch	18.1"	
Table to spindle nose	mm	180-480	Inch	7.0"-18.9"		170-470	Inch	6.7"-18.5"		170-470	Inch	6.7"-18.5"		180-640	Inch	7.0"-25.2"	
Spindle taper		BT30			BT30			BT30			BT40			BT30			
Spindle speeds	min ⁻¹	240-8000			60-8000			10000			60-8000			60-8000			
Pull stud		MAS403 P30T-1(45°)			MAS403 P30T-1(45°)			MAS403 P30T-1(45°)			MAS403 P40T-1(45°)			MAS403 P30T-1(45°)			
X, Y, Z Axis rapid traverses	M/min	36 / 36 / 30	IPM	1417 / 1417 / 1181		48/48/48	IPM	1890/1890/ 1890		48/48/ 60	IPM	1890/1890/ 2362		36 / 36 / 24	IPM	1417 / 1417 / 945	
Magazine capacity		12			12			12			12			14			
Max. tool weight	kgs	3	LBS	6.6		3	LBS	6.6		3	LBS	6.6		3	LBS	6.6	
Max. tool length	mm	200	Inch	10"		200	Inch	8"		200	Inch	7.87"		250	Inch	10"	
ATC time	sec	Tool to Tool 1.5			Tool to Tool 1.6			Tool to Tool 1.2			Tool to Tool 2.5			2 (T-T)			
	sec	Chip to Chip 2.8			Chip to Chip 2.9			Chip to Chip 2.1			Chip to Chip 4.3			4 (C-C)			
Floor space	mm	1200 x 2160 x 2325	Inch	47" x 85" x 92"		1200 x 2220 x 2320	Inch	47.2" x 86.2" x 91.3"		1200 x 2220 x 2480	Inch	47.2" x 86.2" x 97.64"		1560 x 2240 x 2436	Inch	61.5" x 88.2" x 96"	
Net weight	kgs	2000	LBS	4400		2050	LBS	4510		2100	LBS	4620		3000	LBS	6600	
			LBS	2540			LBS	5588			LBS	5588			LBS	5588	

SPECIFICATIONS:

TYPE		R600			RM600			A560			A600		
	Unit	Mitsubishi		Fanuc	Mitsubishi		Fanuc	Mitsubishi		Fanuc	Mitsubishi		Fanuc
Spindle motor	Kw	5.5 / 3.7		5.5 / 3.7	5.5 / 3.7		5.5 / 3.7	3.7 / 2.2		3.7 / 2.2	5.5 / 3.7		5.5 / 3.7
X Axis motor	Kw	1.0		1.6	1.0		1.6	0.5		1.0	2.0		2.8
Y Axis motor	Kw	1.0		1.6	1.0		1.6	1.0		1.0	2.0		2.8
Z Axis motor	Kw	2.2		3.0	2.0		3.0	2.0		1.8	3.5		4.4
Table size	mm	700 x 410	Inch	27.6" x 16.1"	700 x 410	Inch	27.6" x 16.1"	650 x 410	Inch	25.6" x 16.1"	700 x 410	Inch	27.5" x 16.1"
Max. table load	Kgs	250	LBS	550	250	LBS	550	200	LBS	440 LBS	250	LBS	550 LBS
Longitudinal table travel	mm	600	Inch	23.6"	600	Inch	23.6"	560	Inch	22"	600	Inch	23.6"
Cross table travel	mm	400	Inch	15.7"	400	Inch	15.7"	400	Inch	15.7"	400	Inch	15.7"
Vertical head travel	mm	400	Inch	18.1"	550	Inch	21.7"	350	Inch	13.8"	460	Inch	18.1"
Table to spindle nose	mm	120-520	Inch	4.7"-20.4"	180-730	Inch	7.1"~28.7"	180-530	Inch	7.0"-20.9"	200-660	Inch	7.8"-26"
Spindle taper		BT40			BT40			BT30			BT40		
Spindle speeds	min ⁻¹	60-8000			60-8000			60-8000			60-8000		
Pull stud		MAS403 P40T-1(45°)			MAS403 P40T-1(45°)			MAS403 P30T-1(45°)			MAS403 P40T-1(45°)		
X, Y, Z Axis rapid traverses	M/min	36 / 36 / 36	IPM	1417 / 1417 / 1417	36 / 36 / 36	IPM	1417 / 1417 / 1417	48 / 48 / 40	IPM	1890 / 1890 / 1575	72 / 72 / 60	IPM	2834 / 2834 / 2362
Magazine capacity		12			24+1			20+1			24+1		
Max. tool weight	kgs	3	LBS	6.6	6	LBS	13.2	3	LBS	6.6	5	LBS	11
Max. tool length	mm	250	Inch	10"	250	Inch	9.8"	200	Inch	7.8"	250	Inch	10"
ATC time	sec	Tool to Tool 2.5			1.6 (T- T)			1.2 (T- T)			Tool to Tool 1.2		
	sec	Chip to Chip 4.0			3.6 (C-C)			2.2 (C-C)			Chip to Chip 2.2		
Floor space	mm	1700 x 2750 x 2465	Inch	67" x 108" x 97"	1780 x 2750 x 2806	Inch	70" x 108" x 110"	1617 x 2675 x 2217	Inch	63" x 105" x 87"	1880 x 2232 x 2366	Inch	74" x 88" x 93"
Net weight	kgs	3500	LBS	7700	3900	LBS	8580	3000	LBS	6600	4300	LBS	9460

SPECIFICATIONS:

TYPE		S600				S500				E1500				E2000											
	Unit	Mitsubishi		Fanuc		Mitsubishi		Fanuc		Mitsubishi		Fanuc		Mitsubishi		Fanuc									
Spindle motor	Kw	5.5 / 3.7		5.5 / 3.7		3.7 / 2.2		3.7 / 2.2		5.5 / 3.7		5.5 / 3.7		11 / 7.5		11 / 7.5									
X Axis motor	Kw	2.0		1.0		1.0		1.6		2.0		1.0		4.5		4.6									
Y Axis motor	Kw	2.0		1.0		1.0		1.6		2.0		1.0		3.5		4.4									
Z Axis motor	Kw	2.0		1.0		1.0		1.6		2.0		1.0		3.5		4.4									
Table size	mm	660 x 400 2pcs		Inch 26" x 15.7" 2pcs		600 x 400 2pcs		Inch 23.6" x 15.7" 2pcs		2000 x 450		Inch 78.7" x 17.7"		2000 x 560		Inch 78.7" x 17.7"									
Max. table load	Kgs	250 Each side		LBS		550 Each side		LBS		1200		LBS		2640		4000									
Longitudinal table travel	mm	600		Inch 23.6"		500		Inch 19.7"		1500		Inch 59"		2000		Inch 78.7"									
Cross table travel	mm	400		Inch 15.7"		400		Inch 15.7"		400		Inch 15.7"		530		Inch 20.8'									
Vertical head travel	mm	550		Inch 21.6"		350		Inch 11.8"		460		Inch 18.1"		510		Inch 20									
Table to spindle nose	mm					180-530		Inch 7"-18.9"																	
Spindle taper		BT40				BT30				BT40															
Spindle speeds	min ⁻¹	60-8000				60-8000				60-8000															
Pull stud		MAS403 P40T-1(45 °)				MAS403 P30T-1(45 °)				MAS403 P40T-1(45 °)															
X, Y, Z Axis rapid traverses	M/min	24 / 24 / 16		IPM		9450 / 945 / 630		36 / 36 / 30		IPM		1714 / 1714 / 1181		24 / 24 / 16		IPM		945 / 945 / 630		48 / 48 / 48		IPM		1890 / 1890 / 1890	
Magazine capacity		24				20+1				24				30+1											
Max. tool weight	kgs	6.0		LBS		13.2		3		LBS		6.6		6		LBS		13.2		7		LBS		15.4	
Max. tool length	mm	250		Inch 10"		200		Inch 7.8"		250		Inch 10"		300		Inch 12"									
ATC time	sec	Tool to Tool 6.0				Tool to Tool 2.8				Tool to Tool 6.0				Tool to Tool 6.0											
	sec	Chip to Chip 8.5				Chip to Chip 3.6				Chip to Chip 8.5				Chip to Chip 8.0											
Floor space	mm	1900 x 3230 x 2620		Inch 74.8" x 127.2" x 103"		1960 x 4130 x 2467		Inch 77.2" x 162.6" x 97.1"		2800 x 3550 x 2750		Inch 110" x 140" x 108"		3790 x 4375 x 3420		Inch 149" x 172" x 128"									
Net weight	kgs	6000		LBS		13200		5250		LBS		11550		6500		LBS		14300		15000		LBS		33000	