

# MCR-AF



			MCR-AF	
			25 x 15	25 x 20
TRAVEL	ITEM	UNIT		
	X-axis (spindlehead horizontal)	mm (in.)	2,600 (102.36)	
	Y-axis (table front/back)	mm (in.)	1,500 (59.06)	2,000 (78.74)
	Z-axis (ram vertical)	mm (in.)	800 (31.50)	
	Effective width between columns	mm (in.)	2,600 (102.36)	
	Table to spindle nose	mm (in.)	300 ~ 1,100 (11.81 ~ 43.31) (12,000 min <sup>-1</sup> spindle: 200 ~ 1,000)	
TABLE	Working surface	mm (in.)	2,000 x 1,500 (78.74 x 59.06)	2,000 x 2,000 (78.74 x 78.74)
	Maximum load	kg	10,000 (22,000)	
	T-slot width	mm	20H7 (0.79H7)	
	Height from floor tp table	mm (in.)	850 (33.46)	
SPINDLE	Speed range	min <sup>-1</sup>	30 ~ 8,000 (12,000 <sup>*1</sup> , 15,000 <sup>*2</sup> , 25,000 <sup>*3</sup> )	
	Taper bore		7/24 taper No. 50 (7/24 taper No. 40 <sup>*2</sup> HSK-A63 <sup>*3</sup> )	
FEEDRATES	Rapid traverse (X/Y/Z)	m/min (ipm)	20/20/10 (787/787/394)	
	Cutting feedrate	mm/min (ipm)	1 ~ 10,000 (0.04 ~ 394)	
ATC	Tool shank		MAS BT50 (MAS BT40 <sup>*2</sup> , HSK-A63 <sup>*3</sup> )	
	Pull stud <sup>*4</sup>		MAS 2 type	
	Tool magazine capacity	Tools	24 (32 <sup>*2/3</sup> )	
	Max. tool diameter	mm (in.)	W/ adjacent tools: ø125 (ø4.92), W/o adjacent tools: ø230 (ø9.06)	
	Max. tool length	mm (in.)	400 (15.75)	
MOTORS	Spindle drive	kW (hp)	VAC 26/22 (35/30) (30 min/cont)	
			37/26 (50/35) <sup>*1</sup> , 22/18.5 (30/25) <sup>*2</sup> , 15/11 (20.15) <sup>*3</sup> (10 min/cont)	
SIZE	Height	mm (in.)	4,470 (175.98)	
	Floor space	mm (in.)	5,600 x 4,180 (220.47 x 164.57)	5,600 x 5,230 (220.47 x 205.91)
	Net weight	kg (lbs.)	24,500 (54,000)	26,000 (57,300)

\*1. 12,000 min<sup>-1</sup> spindle\*2. 16,000 min<sup>-1</sup> spindle\*3. 25,000 min<sup>-1</sup> spindle\*4. No pull stud for 25,000 min<sup>-1</sup> specs

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