

SPECIFICATIONS

MCR-AF

NOMINAL SIZE		25x15	25x20	
TRAVELS	Width BT Columns X Table Travel			
	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	Table to Spindle Nose	mm (in)	300 ~1,100 (11.81 ~43.31)	
	Working Surface	mm (in)	2,000x1,500 (78.74x59.06)	2,000x2,000 (78.74x78.74)
	Maximum Load	kg (lbs)	10,000(22,000)	
	T-Slot Width	mm (in)	20H7 (0.79H7)	
	Height From Floor to 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> )	
	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)	
	Spindle Drive	kW (hp)	VAC 26 / 22 (35 / 30) (10 min / cont) [20 / 15 (27 / 20) (10min / cont) <sup>*1</sup> , (15 / 11) (20 / 15) (10 min / cont) <sup>*2,3</sup> ]	
MOTOS FEEDRATES	Tool Shank		MAS BT50 (MAS BT40 <sup>*2</sup> , HSK-A63 <sup>*3</sup> )	
	Retention Knob*		MAS 2 Type	
	Tool Magazine Capacity	No. of Tools	24 (32 <sup>*2,3</sup> )	
	Max Tool Diameter	mm (in)	With Adjacent Tools: Ø 125 (Ø 4.92) Without Adjacent Tools: Ø 230 (Ø 9.06)	
	Max Tool Length	mm (in)	400 (15.75)	
ATC	Height	mm (in)	4,470 (175.98)	
	Floor Space	mm (in)	5,560x4,180 (218.90x164.57)	5,560x5,230 (218.90x205.91)
	Net Mass	kg (lbs)	24,500 (53,900)	26,000 (57,300)

\*<sup>1</sup> 12,000 min<sup>-1</sup> specification

\*<sup>2</sup> 15,000 min<sup>-1</sup> specification

\*<sup>3</sup> 25,000 min<sup>-1</sup> specification

\* No retention knob for 25,000 min<sup>-1</sup> specification