

	Item		MB-46VA <VAE> MB-46VB <VBE>
Travels	X-axis (ram saddle R/L)	mm (in.)	560 <762> (22.05 <30.00>)
	Y-axis (table B/F)	mm (in.)	460 (18.11)
	Z-axis (spindle U/D)	mm (in.)	460 (18.11)
	Table top to spindle nose	mm (in.)	150 to 610 (5.91 to 24.02)
Table	Max work dimension	mm (in.)	760 × 460 <1,000 × 460> (29.92 × 18.11 <39.37 × 18.11>)
	Floor to table top	mm (in.)	800 (31.50)
	Max load capacity	kg (lb)	500 <700> (1,100 <1,540>)
Spindle	Spindle speed	min <sup>-1</sup>	8,000 [15,000, 20,000, 25,000, 35,000]
			6,000 [12,000]
	Speed ranges		Infinintely variable
	Tapered bore		7/24 taper No. 40 [HSK-A63 / HSK-F63] 7/24 taper No.50
	Bearing dia	mm (in.)	ø70 [ø70, ø70, ø60, ø60] (ø2.76 [ø2.76, ø2.76, ø2.37, ø2.37]) ø90 [ø90] (ø3.54 [ø3.54])
Feedrate	Rapid traverse	m/min (ipm)	X-Y : 40 (1,575) Z : 32 (1,260)
	Cutting feedrate	mm/min (ipm)	X-Y-Z : 32,000 (1,260)
Motors	Spindle	kW (hp)	11/7.5 [22/18.5, 30/22, 15/11, 15] (15/10 [30/25, 40/30, 20/15, 20]) 11/7.5 [26/18.5] (15/10 [35/25])
			Feed axes
ATC	Tool shank		MAS BT.40 [HSK] MAS BT.50
			MAS 2 [-] MAS 2
	Tool capacity	tool	20 [32, 48] 48-tool only for MB-46VAE
	Max tool dia (w/adjacent tool)	mm (in.)	ø90 (ø3.54) ø100 (ø3.94)
			ø125 (ø4.92) ø152 (ø5.98)
	Max tool dia (w/o adjacent tool)	mm (in.)	300 (11.81) 8 (18) 12 (26)
			7.8 (5.7) (8 kg × 100 mm (17.6 lb × 3.94 in.)) 15.3 (12 kg × 130 mm) (11.3 (26.4 lb × 5.12 in.))
	Max tool length	mm (in.)	300 (11.81)
	Max tool mass	kg (lb)	8 (18) 12 (26)
	Max tool moment	N-m (ft-lbf)	7.8 (5.7) (8 kg × 100 mm (17.6 lb × 3.94 in.)) 15.3 (12 kg × 130 mm) (11.3 (26.4 lb × 5.12 in.))
Tool selection		Memory random	
Machine size	Height	mm (in.)	2,746 (108.11)
	Floor space	mm (in.)	1,976 (2,026*) <2,236> × 2,810 (78 (80) <88> × 111)
	Weight	kg (lb)	6,800 <7,100> (14,960 <15,620>) 7,000 <7,300> (15,400 <16,060>)

\* MB-46VB [ ]: Optional  
< >: E (extension type)