

	Item		MB-66VA MB-66VB
Travels	X-axis (ram saddle R/L)	mm (in.)	1,500 (59.06)
	Y-axis (table B/F)	mm (in.)	660 (25.98)
	Z-axis (spindle U/D)	mm (in.)	660 (25.98)
	Table top to spindle nose	mm (in.)	150 to 810 (5.91 × 31.89)
Table	Max work dimension	mm (in.)	1,530 × 660 (60.24 × 25.98)
	Floor to table top	mm (in.)	850 (33.46)
	Max load capacity	kg (lb)	1,500 (3,300)
Spindle	Spindle speed	min ⁻¹	8,000 [15,000, 20,000, 25,000]
			6,000 [12,000]
	Speed ranges		Infininitely variable
	Tapered bore		7/24 taper No. 40 [HSK-A63]
			7/24 taper No.50
Bearing dia	mm (in.)	ø70 [ø70, ø70, ø60] (ø2.76 [ø2.76, ø2.76, 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] (15/10 [30/25, 40/30, 20/15])
			11/7.5 [26/18.5] (15/10 [35/25])
	Feed axes	kW (hp)	X-Y-Z : 4.6 (6.1)
ATC	Tool shank		MAS BT.40 [HSK]
			MAS BT.50
	Pull stud		MAS 2 [-]
			MAS 2
	Tool capacity	tool	20 [32, 48] 48-tool only for MB-66VA
	Max tool dia (w/adjacent tool)	mm (in.)	ø90 (ø3.54)
			ø100 (ø3.94)
	Max tool dia (w/o adjacent tool)	mm (in.)	ø125 (ø4.92)
			ø152 (ø5.98)
	Max tool length	mm (in.)	400 (15.75)
Max tool mass	kg (lb)	8 (18)	
		12 [15] (26 [33])	
Max tool moment	N-m (ft-lbf)	7.8 (5.7) (8 kg × 100 mm (17.6 lb × 3.94 in.))	
		15.3 [19.1] (12 [15] kg × 130 mm (11.3 [14.1]) (26.4 [33] lb × 5.12 in.))	
Tool selection		Memory random	
Machine size	Height	mm (in.)	3,295 (129.72)
	Floor space	mm (in.)	3,035 × 3,325 (119 × 131)
	Weight	kg (lb)	11,200 (24,640)
11,800 (25,960)			