

	Item	Unit	MP-46V
Travels	X-axis (ram saddle R/L)	mm (in.)	660 (25.98) (excluding ATC time)
	Y-axis (table B/F)	mm (in.)	460 (18.11)
	Z-axis (spindle U/D)	mm (in.)	360 (14.17)
	Table top to spindle nose	mm (in.)	150 to 510 (5.91 to 20.08)
Table	Table dimensions	mm (in.)	760 x 460 (29.92 x 18.11)
	Floor to table top	mm (in.)	800 (31.50)
	Max load capacity	kg (lb)	350 (159.09)
Spindle	Spindle speed	min ⁻¹	20,000 [30,000, 15,000]
	Speed ranges		Infinitely variable
	Tapered bore		HSK-A63 [HSK-F63/HSK-E50, 7/24 taper No. 40/HSK-A63]
	Bearing dia	mm (in.)	ø80 (ø3.15) [ø60 (2.36), ø70 (2.76)]
Feedrate	Rapid traverse	m/min (ipm)	X-Y-Z : 24 (0.94)
	Cutting feedrate	mm/min (ipm)	X-Y-Z : 24,000 (944.88)
Motors	Spindle (10 min/cont)	kW (hp)	15/11 (20/15) [15/11 (20/15), 22/18.5 (30/25)]
	Feed axes	kW (hp)	X-Y-Z : 3.5 (4.67)
ATC	Tool shank		HSK [BT40 15,000 min ⁻¹ only]
	Pull stud		MAS-2 [15,000 min ⁻¹ only]
	Magazine capacity	tools	20 [32, 48]
	Max tool dia (w/ adjacent)	mm (in.)	ø90 (3.54)
	Max tool dia (w/o adjacent)	mm (in.)	ø125 (4.92)
	Max tool length	mm (in.)	250 (9.84)
	Max tool weight	kg (lb)	7 (15.4)
	Max tool moment	N-m	6.9
	Tool selection		Memory random
Machine size	Height	mm (in.)	2,630 (103.54)
	Floor space; width x depth	mm (in.)	2,224 x 2,734* (87.56 x 107.64)
	Weight	kg (lb)	7,000 (15,400) [tank weight not included]
Control			OSP-P300MA

* Ball screw cooling unit not included

[]: Optional