

	Item	Unit	MU-400V II
Travels	X-axis (saddle left/right)	mm (in.)	762 (30.00)
	Y-axis (pallet front/back)	mm (in.)	460 (18.11)
	Z-axis (spindle up/down)	mm (in.)	460 (18.11)
	A-axis	deg	+20 to -110
	C-axis	deg	360
	Table surface to spindle nose	mm (in.)	100 to 560 (3.94 to 22.05)
Table	Table size	mm (in.)	ø400 (ø15.75)
	Max work size	mm (in.)	ø600 x h400 (ø23.62 x h15.75)
	Floor to table top	mm (in.)	1,050 (41.34)
	Max load capacity	kg (lb)	300 (660)
Spindle	Spindle speed	min ⁻¹	8,000 [15,000, 20,000, 25,000, 35,000]
	No. of spindle ranges		Infinitely variable
	Tapered bore		7/24 taper No. 40 [HSK-A63, HSK-F63]
	Bearing dia	mm	ø70 [ø70, ø70, ø60, ø60]
Feed	Rapid traverse	m/min (ipm)	X-Y: 40 (1,575) Z: 32 (1,260)
	Rapid traverse (A-C)	deg/min	A: 14,400 C: 18,000
	Cutting feedrate	mm/min (ipm)	X-Y-Z: 32,000 (1,260)
Motors	Spindle (10 min/cont)	kW (hp)	11/7.5 (15/10) [22/18.5, 30/22, 15/11, 15]
	Feed axes	kW	X-Y-Z: 3.5 A: 4.2 C: 3.0
ATC	Tool shank		MAS BT40 [HSK]
	Pull stud		MAS 2 [-]
	Tool capacity	tools	20 [32, 48, 64, 98, 132, 166, 200, 234, 268]*
	Max tool dia (w/ adjacent tool)	mm (in.)	ø90 (ø3.54)
	Max tool dia (w/o adjacent tool)	mm (in.)	ø125 (ø4.92)
	Max tool length	mm (in.)	240 (9.45)
	Max tool weight	kg (lb)	8 (18)
	Max tool moment	N-m (ft-lbf)	7.8 [8 kg x 100 mm] (5.7 [17.6 lb x 3.94 in.])
Tool selection		Memory random [fixed address for matrix type for ≥64 tools]*	
Machine size	Height	mm (in.)	2,946 (115.98)
	Floor space W × D	mm (in.)	2,160 × 2,810 (85.04 × 110.63)
	Weight	kg (lb)	8,300 (18,260)

* Matrix type for ≥64 tools [] Optional