

Item		Unit	MU-S600V
Travels	X-axis (table L/R)	mm (in.)	700 (27.56)
	Y-axis (spindle ram front/back)	mm (in.)	500 (19.69) (+280 (11.02) ATC operation)
	Z-axis (spindle ram vertical)	mm (in.)	500 (19.69)
	B-axis (trunnion swivel)	deg	+92 to 0 [+92 to -92 (connected machine specs)]
	C-axis (table swivel)	deg	±360 (infinite)
	Table surface to spindle nose	mm (in.)	10 to 510 (0.39 to 20.08)
Table	Table size	mm (in.)	400 × 400 (15.75 × 15.75)
	Max work size	mm (in.)	ø600 × H350 [ø500 × H350 (auto open/close side shield)]
	Floor to table top	mm (in.)	1,110 (43.70)
	Max load capacity	kg (lb)	200 (440)
Spindle	Spindle speed	min ⁻¹	50 to 12,000
	No. of spindle ranges		Infinitely variable
	Taper bore		7/24 taper No. 40
	Bearing dia	mm (in.)	ø60 (2.36)
Feedrate	Rapid traverse	m/min	X-Y-Z: 60
	Rapid traverse	deg/min	B: 18,000 (50 min ⁻¹), C: 36,000 (100 min ⁻¹)
	Cutting feedrate	mm/min	X-Y-Z: 1 to 60,000
Motor	Spindle (25% ED/cont)	kW (hp)	15/11 (20/15)
	Feed axes	kW (hp)	X-Y-Z: 3.5 (4.7), B: 3.6 (4.8), C: 3.0 (4)
ATC	Tool shank		MAS BT40
	Pull stud		MAS 2
	Tool capacity (magazine)	tool	16 (drum) [30 (chain)]
	Max tool dia (W/ adjacent)	mm (in.)	ø80 (ø3.15)
	Max tool dia (W/O adjacent)	mm (in.)	ø115 (ø4.53)
	Max tool length	mm (in.)	300 (11.81)
	Max tool weight	kg (lb)	6 (13)
	Tool selection		Fixed address
Machine size	Height	mm (in.)	2,994 (117.87) *1
	Floor space W × D (machine only)	mm (in.)	1,586 × 3,315 (62.44 × 130.51)
	Weight	kg (lb)	8,800 (19,360) *2
CNC			OSP-P300MA

[]: Optional *1. With lift-up chip conveyor, machine height becomes 3,114 mm.

*2. Machine mass increases with optional equipment. Ex: coil conveyor (rear discharge); 140 kg, auto open/close side shield (both sides); 80 kg