

MU-V LASER EX Series Machine Specifications

Item		Unit	MU-5000V LASER EX	MU-6300V LASER EX	MU-8000V LASER EX
Travels	X axis	mm (in.)	800 (31.50)	925 (36.42)	
	Y axis	mm (in.)	870 (34.25)		
	Z axis	mm (in.)	600 (23.62)		
	A-axis indexing angle	deg	-120 to +90 (min controlled angle 0.0001)		
	C-axis control	deg	360 (min controlled angle 0.0001)		
Table	Table size	mm (in.)	ø500 (19.69)	ø630 (24.80)	ø800 (31.50)
	Max work size	mm (in.)	ø700 × H500 (ø27.56 × H19.69)	ø830 × H550 (ø32.68 × H21.65)	ø1,000 × H550 (ø39.37 × H21.65)
	Floor to table top	mm (in.)	1,140 (44.88)	1,150 (45.28)	1,210 (47.64)
	Max load capacity	kg (lb)	500 (1,100)	600 (1,320)	700 (1,540)
	Turning spindle speed	min ⁻¹	1,000	800	
Spindle	Spindle speed (multitasking machining spindles)	min ⁻¹	50 to 8,000		
	Tapered bore		HSK-A63		
	Spindle (10 min/cont)	kW (hp)	11/7.5 (15/10)		
ATC	Tool capacity (magazine)	tools	32		
Machine size	Height	mm (in.)	3,435 (135.24)	3,525 (138.78)	3,625 (142.72)
	Floor space (w/o operator platform)	mm (in.)	3,995 × 2,750 (157.28 x 108.27)	4,850 × 2,990 (190.94 x 117.72)	5,280 × 2,990 (207.87 x 117.72)
	Weight	kg (lb)	15,500 (34,100)	17,600 (38,720)	18,500 (40,700)
CNC			OSP-P300SA		

Note: For details on machine specifications, please see the MU-V Series brochure.