

# GENOS M Series



	ITEM	UNIT	GENOS M460-VE	GENOS M560-V
TRAVELS	X axis (ram saddle horizontal)	mm (in.)	762 (30.00)	1,050 (41.34)
	Y axis (table front/back)	mm (in.)	460 (18.11)	560 (22.05)
	Z axis (spindle vertical)	mm (in.)	460 (18.11)	
	Table top to spindle nose	mm (in.)	150 ~ 610 (5.91 ~24.02)	
TABLE	Max work dimension	mm (in.)	1,000 x 460 (39.37 x 18.11)	1,300 x 560 (51.18 x 22.05)
	Floor to table top	mm (in.)	800 (13.50)	
	Max load capacity	kg (lb)	700 (1,540)	900 (1,980)
SPINDLE	Max spindle speed	min <sup>-1</sup>	15,000	
	Spindle ranges		Stepless	
	Tapered bore		7/24 taper No. 40	
	Bearing dia	mm (in.)	ø70 (ø2.76)	
FEEDRATE	Rapid traverse (X-Y-Z)	m/min (ipm)	X-Y: 40, Z: 32 (X-Y: 1,575, Z: 1,262)	
	Cutting feedrate (X-Y-Z)	m/min (ipm)	X-Y-Z: 32 (1,260)	
MOTORS	Spindle (10 min/cont)	kW (hp)	22/18.5 (30/25)	
	Feed axes (X-Y-Z)	kW (hp)	X-Y-Z: 4 (5.4)	
ATC	Tool shank		CAT40 Big Plus	
	Pull stud		CAT Special	
	Tool capacity	tool	32	
	Max tool dia (w/ adjacent tool)	mm (in.)	ø90 (3.54)	
	Max tool dia (w/o adjacent tool)	mm (in.)	ø125 (4.92)	
	Max tool length	mm (in.)	300 (11.81)	
	Max tool weight	kg (lb)	8 (18)	
	Max tool moment	N·m (ft·lbf)	7.8 (5.7) <8 kg x 100 mm (17.6 lb x 3.94 in.)>	
	Tool selection		Memory random	
SIZE	Height	mm (in.)	2,746 (108.11)	
	Floor space	mm (in.)	2,200 x 2,805 (86.61 x 110.43)	2,510 x 3,100 (98.82 x 122.05)
	Weight (w/ CNC system)	kg (lb)	6,300 (13,860)	7,500 (16,500)
CNC	Okuma		OSP-P200MA	