

Machine Specifications

Items	Unit	GP/GA25W		GP/GA26W	
		GP/GA25W × 40	GP/GA25W × 65	GP/GA26W × 40	GP/GA26W × 65
Distance between centers	mm (in.)	400 (15.75)	650 (25.59)	400 (15.75)	650 (25.59)
Swing over table	mm (in.)	ø330 (ø12.99)			
Max grinding dia	mm (in.)	ø200 (ø7.87)			
Max workpiece weight	Center supported kg (lb)	50 (110)			
	Chuck supported kg × mm (lb × in.)	40 × 200 (88 × 7.87)			
Wheel	Wheel size mm (in.)	ø510 × ø203.2 (ø20.08 × ø8)		ø610 × ø254 (ø24.02 × ø10)	
	Width mm (in.)	75 (2.95) (GP: 150 (5.91) GA: 125 (4.92))			
	No. of speed ranges	Infinitely variable			
	Max grinding speed m/min (fpm)	2,700 (8,858.7)			
Wheelhead (X-axis)	Travel mm (in.)	420 (16.54)			
	Automatic cutting speed mm/min (ipm)	ø0.0012 to ø6,000 (ø0.0000472 to ø236.2)			
	Rapid traverse m/min (fpm)	ø30 (ø98.4)			
	Min command increment mm (in.)	ø0.0001 (ø0.000004)			
Saddle (Z-axis)	Travel mm (in.)	GP : 515 (20.28) / GA : 650 (25.59)	GP : 815 (32.09) / GA : 950 (37.40)	GP : 515 (20.28) / GA : 650 (25.59)	GP : 815 (32.09) / GA : 950 (37.40)
	Automatic cutting speed mm/min (ipm)	0.0006 to 6,000 (ø0.0000236 to ø236.2)			
	Rapid traverse m/min (fpm)	20 (65.6)			
	Min command increment mm (in.)	0.0001 (0.000004)			
Workhead	Tapered bore	MT No.4 [Dead center workhead, Dead/live headstock] MT No.5 [Chucking headstock]			
	Speed min ⁻¹	650			
	No. of speed steps	Infinitely variable			
Tailstock	Tapered bore	MT No.4			
	Auto travel mm (in.)	50 (1.97) [80 (3.15)]			
	Manual taper offset mm (in.)	±ø0.08 (ø0.003)			
Motors	Wheel spindle kW (hp)	7.5 (10) [15, 22 (20, 30)]			
	Workhead kW (hp)	2.2 (3)			
	Wheelhead feed kW (hp)	2.2 (3)			
	Saddle feed kW (hp)	2.2 (3)			
	Coolant pump kW (hp)	1.1 (1.5)			
	Hydraulic oil-lube pump kW (hp)	1.5 (2)			
	Wheel spindle lube pump kW (hp)	0.075 (0.1)			
	Slideway lubricant pump kW (hp)	0.017 (0.02)			
Tank capacity	Coolant tank L (gal)	200 (52.84) [300 (79.26)]			
	Hydraulic oil-lube tank L (gal)	20 (5.28)			
	Wheel spindle lube tank L (gal)	20 (5.28)			
	Slideway lubricant tank L (gal)	4.2 (1.1)			
Weight	kg (lb)	5,800 (12,760)	6,300 (13,860)	5,800 (12,760)	6,300 (13,860)
CNC		OSP-P300GA			

[] : Optional

Standard Specifications

Specifications	Description
Workhead	Dead center workhead (Std: C type) MT No.4
	Chucking headstock (T specs standard) MT No.5
	Dead/live headstock (CT specs standard) MT No.4
Tailstock	Tailstock MT No.4 Tailstock quill stroke 50 mm
Wheelhead	Wheel spindle motor: 7.5 kW (10 hp) (inverter drive)
Coolant nozzle	For 75 mm (2.95 in.) width
Full enclosure shielding	Manual open / close front door
Work lamp	Waterproof LED light
Dresser	Attached to workhead rear
Center remover	
Hand tools	Wrenches, toolbox