

Specifications	GC	GC8	GC12	GC20	GC25	GC32
Main Dimensions						
Max. grinding diameter with max size wheel		8" (200mm)	12.59" (320mm)	20" (500mm)	25.0"	32.0"
Distance between centers		19.68"/29.52" (500/750mm)	19.68"/29.52"/39.37" /59.05"/78.74"/118.11" (500/750/1000/1500/ 2000/3000mm)	39.37"/59.05"/78.74"/118.11"/157.48" (1000/1500/2000/3000/4000mm)	78.0"-196.0"	78.0"-196.0"
Swing over table		9.45" (240mm)	13.77" (350mm)	27.16" (690mm)		
Max. Workpiece weight between centers		110lbs (50kg)	330lbs (150kg)	2867lbs (1300kg)	6,608 lbs	6,608 lbs
CNC System		Fanuc Oi-Mate-TD	Fanuc Oi-Mate-TD	Fanuc Oi-mate-TD		
Wheelhead						
Wheel Size dia.x width x bore		20" x 2" x 8" (500 x 50 x 203)	24" x 2" x 8" (600 x 50 x 203)	30" x 3" x 12" (750 x 75 x 203)	30" x 3" x 12"	30" x 3" x 12"
Grinding Wheel Max. Surface Speed		8858 sfpm (45m/S)	6889 sfpm (35m/S)	6889 sfpm (35m/S)		
Spindle Motor Power		10hp (7.5 kw)	15hp (11 kw)	20hp (15kw)	15 hp	20 hp
Variable speed (optional)		800~1750rpm	800~1600rpm	500~1200rpm		
Max. infeed resolution on Diameter		0.00005" (0.00127 mm)	0.00005" (0.00127 mm)	0.0001" (0.0025mm)		
Infeed speed		0.04"~197"/min (1~5000mm/min)	0.004"~157"(0.1~4000mm/min)	0.04"~78" (1~2000mm/min)		
Workhead						
Spindle type		Dead	Dead	Dead		
Taper		Morse #4	Morse #5	Morse #6		
Variable speed		30~300 rpm	30~270 rpm	20~200 rpm		
Motor power		0.5hp (0.4kw)	2hp (1.5kw)	10hp (7.5kw)	5 hp	15 hp
Tailstock						
Taper		Morse #4	Morse #4	Morse #6		
Quill travel		2.16" (55mm)	1.18" (30mm)	2.75" (70mm)		