

Specifications	GUM	GUM8	GUM12	GUM20	GUM25
Main Dimensions					
Max. grinding diameter with max size wheel		8" (200mm)	12.6" (320mm)	19.6	24.8 in.
Distance between centers		19.68"/29.52" (500/750mm)	39.0 "/59.0" /78.0/118.0 "	39.0"/59.0"/78.0/118.0"/157"	39.0"/59.0"/78.0/118.0"/157.4"
Swing over table		10.23" (260mm)	14.1"	21.2 in.	29 in.
Max. Grinding Diameter With Steady Rest		2.36 in.			
Min. Grinding Diameter Without Steady Rest		0.315 in			
Center Height		5.314 in.	7.08 in.	10.6 in.	14.56 in.
Max. Workload Between Centers		110 lbs.	330 lbs	2,206 lbs	6,618 lbs
Wheelhead					
Motor Power		5.4 hp. / 4 Kw	7.3 hp.	10 hp.	15 hp.
Max. Surface Speed (optional variable speed)		6890 fpm	6890 fpm	6890 fpm	6890 fpm
Min. Increment on infeed handwheel (radius)		0.0002 in.	0.0001 in.	0.0001 in.	0.0001 in.
Rapid Approach Travel		1.96 in.	1.96 in.	3.93 in.	3.93 in.
Total Infeed Travel		7.87 in.	7.72 in.	9.84 in.	15.7 in.
Spindle Bearing		3 shoe / hydrodynamic	3 shoe / hydrodynamic	3 shoe / hydrodynamic	hydrodynamic
Wheelhead Swivel Angle		± 30°	± 30°	± 30°	± 30°
Standard Workhead					
Motor Power		1.0 hp. / 0.8 Kw. DC	1.475 DC	7.4 hp	15 hp
Drive Plate Speed (variable speed)		40 – 400 rpm	25 – 225 rpm	20 – 260 rpm	14 – 140 rpm
Center		MT #4	MT #4	MT #6	Metric #80
Spindle Type		Live / Dead	Live / Dead	Live / Dead	Live / Dead
Swivel Angle		3 °C.W. / 7 °C.C.W.	CW 3 ° / 7 ° CCW	2 °C.W. / 3 °C.C.W.	2 °C.W. / 3 °C.C.W.
Spindle Nose		A2 – 4	A2 – 4	A2 – 8	A2 – 8
Through Hole		0.512 dia	0.512 dia	0.512 dia	0.512 dia
I.D. Capacity					
Max. Internal Diameter Without Steady Rest		3.94 in.	3.93 in.	7.87 in.	9.84 in.
Min. Internal Diameter Without Steady Rest		0.98 in.	1.18 in.	1.18 in.	1.18 in.
Max. Internal Diameter With Steady Rest		3.94 in.	3.93 in.	7.87 in.	9.84 in.
Min. Internal Diameter With Steady Rest		1.37 in.	1.37 in.	1.18 in.	1.18 in.
Max. Internal Grinding Length		4.92 in.	4.92 in.	12.5 in.	12.5 in.
O.D. Grinding Wheel					
Wheel Size (D x W x B)		16 x 2 x 7.992 in.	16 x 2 x 7.992 in.	20 x 3 x 12 in.	23.6 x 3 x 12 in.
Max. Wheel RPM		1659 rpm	1659 rpm	1659 rpm	1115 rpm
I.D. Wheel Size					
Max. I.D. Wheel Size (D x W x B)		1.968 x .984 x .511 in.	1.968 x .984 x .511 in.	1.968 x .984 x .511 in.	1.968 x .984 x .511 in.
Min. I.D. Wheel Sizes (D x W x B)		.669 x .787 x .236 in.	.669 x .787 x .236 in.	1.18 x .984 x .393 in.	
I.D. Spindle					
Motor Power		1.47 hp. / 1.1 Kw	1.47 hp. / 1.1 Kw	2 hp.	2 hp.
Type		Swing down / spindle cartridge	Swing down / spindle cartridge	Swing down / spindle cartridge	Swing down / spindle cartridge
Spindle Speed		10,000 rpm	10,000 rpm	6,000 rpm	10,000 rpm
Work Table					
Swivel Angle		3 °C.W. / 7 °C.C.W.	CW 3 ° / 7 ° CCW	2 °C.W. / 3 °C.C.W.	2 °C.W. / 3 °C.C.W.
Traverse Speed		4 - 157 ipm	4 - 157 ipm	4 - 157 ipm	4 - 98 ipm
Max Table Travel		21.6 I n.			
Table Angle		Flat	10 you. Slant	20 deg. Slant	10 deg. Slant
Tailstock					
Center		MT #4	MT #4	MT #6	Metric #80
Quill Travel		1.18 in.	1.18 in.	2.75 in.	2.75 in.
Dressing		Solid mount	Solid mount	Solid mount	Solid mount