



32-GT

2 or 3-Axis CNC Gang-Tooled Lathe

- + 32 mm 1-1/4" Bar Capacity
- + 6,000 RPM A2-5 Spindle
- + 7.5 Horsepower
- + Parts Catcher Standard
- + Live Tooling Options
- + 8-Station Turret Optional

Axis Travel	X-Travel	8.46"	215 mm
	Z-Travel	5.98"	152 mm
	Maximum Turning Diameter	7.87"	200 mm
	Maximum Turning Length	5.5"	140 mm
	Swing over Bed ways	12.59"	320 mm
Axis Feeds	Rapid Traverse - X / Z	787 ipm	20 m / minute
	Rated Cutting Feedrate	236 ipm	6 m / minute
	Mechanical Way System - X / Z	Box Ways	Turcite® coated & pressure lubricated
	Slant Bed Angle	20°	Slant Bed Angle for Tooling
	Axis Drive Motor Power - X-axis	1.0-HP	.75 kW
	Axis Drive Motor Power - Z-axis	1-1/3-HP	1.0 kW
	Ballscrew Diameter - X / Z	32 mm	
	Positioning Accuracy - X / Z	±0.00015"	±0.004 mm
	Positioning Repeatability - X / Z	±0.00008"	±0.002 mm
	Least Input Command Increment	0.0001"/ 0.000040"	0.001 mm / (40-millionths in metric)
Spindle	Spindle Nose Mount	A2-5	
	Spindle Speed	6,000 rpm	
	Maximum Tapping Spindle Speed	2,000 rpm	
	Maximum Bar Capacity	1-1/4"	32 mm
	Spindle Bore	34 mm	
	Spindle Bearing - inside diameter	70 mm	
	Spindle Motor Power	7.5-HP	3.7 / 5.5 kW
	Spindle Motor Torque	26 ft. lbs.	35 Nm
	Spindle Motor Drive Coupling	Belt Drive	
Spindle Runout	≤ 0.000040" T.I.R.		
Tooling Plate & Tool System	Tool Plate Overall Dimensions	8.66" x 36.45"	220 mm x 706 mm
	Tool Plate T-Slot Dimensions	21 mm base & 12 mm neck width, 8 mm base height / 17 mm total	
	T-Slots	3 T-Slots on 63 mm centers	
	Turning Tool Shank Size	20 mm	¾" square shank
	Internal Tool Shank Size	32 mm	1-1/4"
	Optional Driven Tool Horsepower	.75 kW	
Optional Driven Tool Collet Size	1-Horsepower with 2:1 speed reduction for increased torque (1/2") 2-ER20 collets in a hydraulic positioned upper/lower format		
Specifications	Air Service Requirements	85 psi @ 5-scfm	5.5 Kg/cm ²
	Electrical Requirements - connected load	10 kVA, 28-Amps	220 vac ±5%, 60-Hz
	Coolant Tank Capacity / Motor Power	21-gallons / ½-HP	80-liters / 2-amps
	Lubrication Pump	150 watts	
	Hydraulic Pump Motor / Pressure	1-HP / 500 PSI	.75 kW / 32-bar
	Machine Weight	4,850 lbs.	2,200 kg
	Warranty - 1-year machine warranty	3-year Mitsubishi control, motors, & drive warranty	