



GTD-34 CNC

30" Heavy Duty CNC Big Bore Lathe

- + 30 HP Spindle Motor
- + 4-Step Geared Head Spindle
- + 4" Spindle Bore (Optional 6" and 10")
- + Chip Conveyor Standard
- + Heavy Duty MT-6 Tailstock
- + Fanuc OiTF CNC Control with 10.4" Screen

Capacity & Dimensions	Swing over Bed	33.86"	860 mm
	Turning Diameter (in front of cross-slide w/8-station turret turning tool)	22"	560 mm
	Swing over Cross-Slide (turning diameter over cross-slide)	19.69"	500 mm
	Distance between Centers	78" - 236" available	2,000 - 6,000 mm
	Bed width	20.08"	510 mm
Spindle	Spindle Motor Horsepower – up to 160" bed lengths	30 HP (22 kW) Fanuc Spindle	
	Spindle speeds	23-1,300 rpm (7-350 rpm with A2-15)	
	Spindle Gear Ranges - automatically selected gear ranges	4-gear ranges (infinitely variable speeds in each range)	
	Spindle Bore	4" (Optional 6", 10" Available)	105 mm
	Spindle Nose	A2-11 (Optional A2-15 spindle nose)	
Axis	Cross slide travel	15.75" (varies with turret selected)	400 mm
	Minimum input unit	0.0001"	0.001 mm = 40 millionths"
	Diameter of X Axis Ballscrew	25 mm Pitch, 5 mm, C3 grade	
	Diameter of Z Axis Ballscrew	50 mm Pitch, 10 mm, C3 grade	
	X Axis Rapid Feed	5,000 mm / minute	196.85" / minute
	Z Axis Rapid Feed	7,500 mm / minute	295.28" / minute
	X Axis Cutting Feed	3,000 mm / minute	118.11" / minute
	Z Axis Cutting Feed	5,000 mm / minute	196.85" / minute
	X Axis Servo Motor	3 kW	
Z Axis Servo Motor	4 kW		
Tool Turret (Optional)	Turret Tool Stations	4-Way Hydraulic, 8 Station or Live Tool Turret	
	OD Tool Size	32 mm X 32 mm	1.25" X 1.25"
	ID Tool Holder Bore	50 mm	1.97"
Tailstock	Engraved with inch / metric		
	Quill diameter	4.53"	115 mm
	Quill stroke - with 2-speed quill gearing	11.81"	300 mm
	Quill taper	MT-6	Morse Taper # 6
	Body movement	Carried by saddle – manual lockdown	
	Optional Hydraulic Tailstock Available	Carried by saddle – hydraulic quill & bed lockdown	
Specifications	Coolant system	1-HP (0.75 kW) coolant pump	
	Electrical needs - Fanuc 0i-TF, Drives & Motors	220 vac ±5%, 3-Ph, 60-Hz	
	Warranty – 1-Year Machine	2-Year FANUC control and drives	
	Machines need stable 220 Volts, 3 Phase – Please use appropriate transformers or voltage stabilizers.		