



GTD-44 HK CNC LATHE

44"-55" Swing Heavy Duty Big Bore Lathes

- + 30-HP Spindle Motor (40-HP optional)
- + 6 – 500 RPM Spindle Speeds
- + 4 - Automatically Selected Gear Ranges for High Torque
- + A2 - 11 Spindle with a 6" Bore (9", 10", 12" & 15" Spindle Bores Optional)
- + Rear Spindle Chuck Mount available to support long workpieces
- + Boring Bar Holder Available for back of Cross Slide
- + Optional Tool Turrets Available
- + Dual Tool Turrets Available for front & back of Cross Slide
- + Fanuc Oitf CNC Control with 10.4" Screen

Capacity & Dimensions	Swing over Bed	44"	1,120 mm
	Swing over Cross Slide	27.95"	710 mm
	Distance between centers	78" - 236" available	2,000 - 6,000 mm
	Bed Width	32"	810 mm
Spindle	Spindle Motor Horsepower – up to 160" bed lengths	30 HP	22 kW Fanuc, (40 HP optional)
	Spindle Motor Horsepower – 200" + bed lengths	40 HP	30 kW
	Spindle speeds	6-500 rpm (6-292 rpm with A2-15 & A2-20 spindles)	
	Spindle speed gear ranges, automatically selected	4-gear ranges (infinitely variable speeds in each range)	
	Spindle Bore	6"	152 mm (Optional 9", 10", 12" and 15" Available)
	Spindle Nose	A2-11 (Optional A2-15 / A2-20 spindle nose)	
Axis	Cross slide travel	23.62" (varies with turret selected)	600 mm
	X axis Ballscrew / Servo Motor	40 mm, Pitch 10mm / 4-HP	3 kW Servo motor
	Z axis Ballscrew / Servo Motor	63 mm, Pitch 10mm / 5.5-HP	4 kW Servo motor
	X and Z axis Rapid Feed Rate	196"/min	5,000 mm/min
	X and Z axis Cutting Feed Rate	118" / min	3,000 mm/min
	Minimum input unit	0.0001" (0.001 mm = 40 millionths of an inch)	
Tool Turret (Optional)	Turret Tool Stations	8-Station tool turret with any mix of ID & OD tools	
	OD Tool Size	32 mm X 32 mm	1.25" X 1.25"
	ID Tool Holder Bore (4-ID toolholders included)	50 mm (63 mm option)	1.97"
Tailstock	Engraved with inch / metric		
	Quill diameter	7.87"	200 mm
	Quill stroke	11.81"	300 mm with 2-speed quill gearing
	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	1.7-HP (1.275 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.		