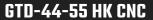




## 44"-55" Swing Heavy Duty Big Bore Lathes

- + 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





Capacity & Dime	ensions		
	Swing over Bed	44"	(1120mm)
	Swing over Cross Slide	27.95"	(710mm)
	Distance between centers	78" - 236"	(2000 - 6000mm)
	Bed Width	32"	(810mm)
Spindle			
	Spindle Motor Horsepower - up to 160" bed lengths	30 HP	(22kw Fanuc) / (40 HP Optional)
	Spindle Motor Horsepower - 200" + bed lights	40 HP	(30kw)
	Spindle Speeds	6-500 rpm	(6-292 with A2 - 15 & A2 - 20 spindles)
	Spindle speed gear ranges - automatically selected	4-gear ranges	(infinetely variable speeds in each range)
	Spindle Bore	6"	(152mm) (Optional 9", 10" , 12" & 15" available)
	Spindle Nose	A2-11	(Optional A2-15 / A2-20 spindle nose)
Axis			
	Cross Slide Travel	23.62"	(600mm) (varies with turret selected)
	X-Axis Ballscrew / Servo Motor	40mm	Pitch 5mm / 4 HP (3kw) Servo motor
	Z-Axis Ballscrew / Servo Motor	63mm	Pitch 10mm / 5.5 HP (4kw) Servo motor
	X and Z Axis rapid feed rate	196"/min	(5000 mm/min)
	X and Z Axis cutting feed rate	118" / min	(3000 mm/min)
	Minimum input unit	0.0001" (0.001mr	m = 40 millionth of an inch)
Tool Turret			
	Turret Tool Stations	8 Station tool turn	ret with any mix of ID and OD tools
	OD Tool Size	1.25" x 1.25"	(32 x 32mm)
	ID Tool Holder Bore (4 ID Toolholders included)	1.97"	(50mm) (63mm Optional)
Tailstock			
	Engraved with inch/metric quill graduations		
	Quill Diameter	7.87"	(200mm)
	Quill Stroke	11.81"	(300mm) 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			
	Cooling System	1.7 HP (1.275kw) coolant pump	
	Electrical needs - Fanuc 0i-TF, Drives & Motors	220 vac / ±5% / 3 Phase / 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