



GTD-44/65 HK

44-65" Swing Heavy Duty Engine Lathe

- + Hardened and ground Turcite® coated bed ways
- + Hardened and ground gears
- + 40-HP spindle motor
- + Double-set of spindle bearings
- + Rear spindle mount optional
- + Safety chuck guard
- + Coolant pump standard
- + Heavy duty 32" bed width

Capacity & Dimensions	Swing over Bed	44"	1,120 mm
	Swing over Cross Slide	27.95"	710 mm
	Swing thru Gap	55.11"	1,400 mm
	Width of Gap (nose to ways, limited by chuck width)	21.26"	540 mm
	Distance between Centers (dependent upon bed selected)	59" – 314.9"	1,500 – 8,000 mm
	Bed width	32"	810 mm
Spindle	Spindle Bore (9", 12", 15" spindle bores optional)	6"	152 mm
	Spindle Nose	A2-11	A2-15 & A2-20 optional
	Spindle taper in spindle nose	MT-7	
	Spindle center height to base	49"	1,245 mm
	Spindle Motor Horsepower	40-HP	
	Spindle speeds	16-gears 4 – 420 RPM	
Spindle Weight Capacity- A2-15 Version	Workpiece weight limit when held in chuck only	4,409 lbs.	2,000 Kg
	Workpiece weight limit when held in chuck & tailstock	15,432 lbs.	7,000 Kg
	Workpiece weight limit - held in chuck, steady rest & tailstock	19,841 lbs.	9,000 Kg
Carriage and Compound	Cross slide travel	23.62"	600 mm
	Cross slide width	13.75"	350 mm
	Width of Carriage	34.65"	880 mm
	Compound Slide Travel	15.75"	400 mm
	Compound Slide Width	10"	250 mm
	Cutting tool height maximum	1.5" x 1.5"	40 X 40 mm
Tailstock (Electric motor driven body & quill)	Quill diameter	7.87"	200 mm
	Quill stroke	11.87"	300 mm
	Quill taper	MT-6	MT-7 optional
	Tailstock body set-over adjustment	± 0.4"	± 10 mm
	Tailstock body movement	Push-Button ½-HP electric motor driven	
	Quill Drive	Push-Button ¼-HP electric motor driven	
Thread Cutting (Inch/Metric Gear Box)	Lead Screw Diameter (60 mm, 12 mm Pitch metric order)	2.36" X 2 T.P.I	
	Thread cutting range – 70 inch pitches	0.25-30 TPI	
	Thread cutting range – 62 metric pitches	1-120 mm	
	Thread cutting range – 70 diametral pitches	1-120 D.P.	
	Thread cutting range – 53 module pitches	0.25-30 M.P.	
Feeds	Feed Rod Diameter	1.26"	32 mm
	Feeds – longitudinal	0.0028 -0.34 in/rev.	0.072-8.68 mm/rev
	Feeds – cross	0.0014 -0.17 in/rev.	0.036-4.34 mm/rev
Power	Connected load - 120-Amps Full-Load Wired	440 vac	220/440 vac motor
	Rapid traverse motor for cross & longitudinal motion	1-HP	0.75 kW
	Coolant motor	0.25-HP	0.2 kW