



GTD-30

30" Heavy Duty Engine Lathe

- + Rapid Feeds for longitudinal and & cross motion
- + 15-HP Spindle motor
- + 12-Spindle Speed Gear-Ranges for High-Torque
- + Spindle Speeds from 23 – 1300 RPM
- + A2 -11 Spindle with 4-1/8" spindle bore
- + Swings 40.5" Through the Gap Bed
- + Tailstock features 2-Speed quill advance
- + 4-Adjustable longitudinal feed stops

Capacity & Dimensions	Swing over Bed	29.92"	760 mm
	Swing over Cross Slide	19.69"	500 mm
	Swing thru Gap	40.55"	1,030 mm
	Width of Gap (measured from spindle nose)	12"	305 mm
	Bed width	16.54"	420 mm
Spindle	Spindle Motor Horsepower	15-HP	11.5 kw
	Spindle speeds – 12-speeds with 23 – 1300 rpm High & Low Speed Range	High	370 730 1300 145 285 510
		Low	60 115 210 23 45 82
	Spindle Bore	4-1/8"	105 mm
	Spindle Nose	A2-11	A2-11
	Spindle taper in spindle nose	MT-7	MT-7
	Spindle taper reduction sleeve provided	MT-5	MT-5
	Spindle weight capacity (Chuck only)	1,102 lbs.	500 kgs
	Spindle weight capacity (Chuck and Tailstock)	2,204 lbs.	1,000 kgs
Spindle weight capacity (Chuck, Steady Rest and Tailstock)	4,409 lbs.	2,000 kgs	
Carriage	Cross slide travel	15.75"	400 mm
	Carriage width	26.38"	670 mm
Compound	Four T-nut lock-bolts on compound cross-slide base for added rigidity		
	Compound Rest Travel	9.45"	240 mm
	Cutting tool height maximum	1.0"	25 mm
Tailstock (Quick 2-speed quill advance)	Engraved with inch / metric quill graduations		
	Quill diameter	3.15"	80 mm
	Quill stroke	7.87"	200 mm
	Quill taper	MT-5	Morse Taper # 5
	Quill tang drive and drift-slot for tailstock	included	included
	Tailstock body set-over adjustment	± 1/2"	± 13 mm
Thread Cutting	Lead screw diameter & pitch	1.77" x 2 T.P.I.	
	Thread cutting range – 36 inch pitches	2 – 28 TPI	
	Thread cutting range – 65 metric pitches	0.8 – 14 mm	
	Thread cutting range – 36 diametric pitches	4 – 56 D.P.	
	Thread cutting range – 22 module pitches	0.5 – 7 M.P.	
Feeds (with clutched feed shaft for safety)	Feeds – longitudinal	0.0019 - 0.027 in/rev.	0.05 - 0.7 mm/rev.
	Feeds – cross	0.00098 - 0.0137 in/rev.	0.025 - 0.35 mm/rev.
	Feed shaft stop control	4-adjustable automatic feed stops to disengage the longitudinal feed	
	Feed Rod Diameter	1.26"	32 mm
Electrical Requirements	Connected load-12 kw	10 kVA, 220 vac, 42 amps, (440 vac optional)	
	Rapid traverse motor	1/4-HP	0.1875 kW
	Coolant motor / Coolant tank capacity	1/8-HP / 11-gallons	40 liters