



# GTW-26

## 26" Heavy Duty Engine Lathe

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- + Hardened and ground Turcite® coated bed ways
- + Hardened and ground gear
- + 12-speed geared head spindle
- + Safety foot brake
- + Safety chuck guard
- + Coolant pump standard
- + Heavy duty 15-HP D1 - 11 spindle

<b>Capacity &amp; Dimensions</b>	Swing over Bed	26"	660 mm
	Center Height	13"	330 mm
	Swing over Cross Slide	17-5/16"	440 mm
	Swing thru Gap	33-1/4"	845 mm
	Length of Gap in front of faceplate, D1-11	6-1/2"	165 mm
	Bed width	15.75"	400 mm
<b>Spindle</b>	Spindle Motor Horsepower	15-HP 3-Ph	12 kW
	Spindle speeds – 12-speeds from 15 – 1,200 rpm (High & Low speed range)	High	1200 120 520 50 830 85
		Low	375 35 160 15 265 25
	Spindle Bore	4-1/8"	105 mm
	Spindle Nose	D1-11 Camlock	A1-11 optional
	Spindle taper in spindle nose	MT-8	Morse Taper # 8
	Spindle taper reduction sleeve provided	MT-5 MT-8 to MT-5	
	Spindle Max weight capacity (Chuck only)	660 lbs.	300 kgs
	Spindle Max weight capacity (Chuck and Tailstock)	1,650 lbs.	750 kgs
	Spindle Max weight capacity (Chuck, Steady Rest and Tailstock)	3,300 lbs.	1,500 kgs
<b>Carriage</b>	Cross slide travel	14.96"	380 mm
	Cross slide width	7-3/32"	180 mm
	Cross slide lead screw pitch	.200"/rev.	
	Cross slide resolution per division	0.001" (on diameters)	
	Carriage lead screw diameter	1-1/2"	38 mm
	Carriage lead screw pitch	4 TPI	6 mm pitch
<b>Compound</b>	Four T-nut lock-down bolts on compound cross-slide base		
	Compound top slide travel	10"	255 mm
	Compound top slide width	4-11/32"	110 mm
	Cutting tool height maximum	1.0" x 1.0"	25 mm x 25 mm
<b>Tailstock</b> (2-speed quill advance)	Engraved with inch / metric quill graduations		
	Quill diameter	2-15/16"	75 mm
	Quill stroke	6-5/16"	160 mm
	Quill taper	MT-5	Morse Taper # 5
	Tailstock body set-over adjustment	±0.04"	± 1 mm
<b>Thread Cutting</b>	Thread cutting range – 60 inch pitches	2 – 112 TPI	2 – 112 TPI
	Thread cutting range – 60 metric pitches	0.2 – 14 mm	0.2 – 14 mm
	Thread cutting range – 50 diametral pitches	4 – 112 D.P.	4 – 112 D.P.
	Thread cutting range – 50 module pitches	0.2 – 7 M.P.	0.2 – 7 M.P.
<b>Feeds</b> (with clutched feed shaft for safety)	Feeds – longitudinal - 50 feeds	0.0014" – 0.0387"/rev.	0.037 – 1.04 mm/rev.
	Feeds – cross - 50 feeds	0.0007" – 0.01935"/rev.	0.0185 – 0.52 mm/rev.
<b>Power</b>	Power Requirements	220 vac, 3-Phase, 40 amps	
	Coolant System	1/8-HP Pump Motor, 5-gallon (20L) tank capacity	