



GTW-26

26" Heavy Duty Engine Lathe

- + 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

Capacity & Dimensions

Swing over Bed	26"	(660mm)
Center Height	13"	(330mm)
Swing over Cross Slide	18 1/16"	(460mm)
Swing thru Gap	33 1/4"	(845mm)
Length of Gap in front of D1-11 face plate	6 1/2"	(165mm)
Bed Width	16 1/8"	(400mm)

Spindle

Spindle Motor Horsepower	15 HP	12kw	HIGH	1200	120	520	50	860	85
Spindle Speeds - 12 speeds 15 - 1200rpm (high to low)			LOW	375	35	160	15	265	25
Spindle Bore	4 1/8"	(105mm)							
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)	1650 lbs	(750 kgs)							
Spindle Max Weight Capacity (Chuck, Steady Rest & Tailstock)	3300 lbs	(1500 kgs)							

Carriage

Cross Slide Travel	14.96"	(380mm)
Cross Slide Width	7 3/32"	(180mm)
Cross Slide lead screw pitch	.200" / rev	
Cross Slide resolution per division	0.001"	(on diameters)
Carriage Lead Screw Diameter	1 1/2"	(38mm)
Carriage Lead Screw Pitch	4 TPI	(6mm pitch)

Compound

Compound Top Side Travel	10"	(255mm)
Compound Top Slide Width	4 11/32"	(110mm)
Cutting Tool Height Maximum	1.0" x 1.0"	(25mm x 25mm)

Tailstock (2 speed quill advance)

Quill Diameter	2 15/16"	(75mm)
Quill Stroke	6 5/16"	(160mm)
Quill Taper	MT-5	Morse Taper #5
Tailstock body set-over adjustment	±0.04"	±1mm

Thread Cutting

Thread Cutting Range - 60 inch pitches	2 - 112 TPI	2 - 112 TPI
Thread Cutting Range - 60 metric pitches	0.2 - 14mm	0.2 - 14mm
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.

Feeds

Feeds - Longitudinal - 50 Feeds	0.0014" - 0.0387"/ rev. (0.037 - 1.04mm / rev)
Feeds - Cross - 50 Feeds	0.0007" - 0.01935"/rev. (0.0185 - 0.52mm/ rev)
Coolant System	1/8 HP Pump Motor / 5 Gallon (20L) Tank Capacity
Power Requirements	220 vac. / 3 Phase / 40 Amps (440 vac optional)