



GMC HEAVY DUTY PRECISION GAP BED LATHES

Model # GT-2080

4-1/8" LARGE SPINDLE BORE

"GMC" Precision Gap Bed Lathe # GT-2080, 20"x80", 4-1/8" bore, 10HP,220v/440v, 3ph.

Come with free taper attachment installed

Machine Standard Features and Equipment:

- ISO 9001 certified
- Large spindle bore 4-1/8"
- Adjustable mechanical spindle clutch for spindle start Forward/reverse and brake, spindle brake without stop the spindle motor to longer motor 8 times life than most other Brand lathe with electrical start/stop.
- 4-way rapid traverse on Longitudinal and cross ways
- All dual inch/metric dials.
- solid cast iron machine base
- Heavy Duty guideway width 15-1/2"
- Heavy Duty main motor 10 HP
- 12 spindle speeds from 36-1,600 rpm
- Threading and feeding rate change without changing gears
- Automatic kick-out longitudinal carriage stop system
- Oil pump on apron for lubrication to all ways and leadscrews
- Spindle is balanced, hardened and precision ground
- Spindle is supported at 3-point by high precision bearings
- All gears and shafts are hardened and precision ground
- Guideways induction hardened and precision ground
- Automatic lubrication system in headstock and feed box
- One year warranty for parts

Heavy Duty Gap Bed Lathes Specifications

		GT-2080
Max. swing over bed		20"
Max. length of workpiece		80"
Max. swing over cross slide		12"
Max. Swing in gap		28"
Width of Bed		15-1/2"
Effective length in gap to spindle		9"
Effective length in gap to chuck jaws		6"
Spindle bore		D1-8 . 4-1/8"
Taper of spindle center		MT6
Spindle speeds		36-1,600 rpm / 12 steps
Longitudinal feeds		0.0023-0.093 IPR, 65 kinds
Cross feeds		0.0011-0.04 IPR, 65 kinds
Inch threads		28-2 TPI, 25 kinds
Metric threads		1-14 mm , 22 kinds
Module threads		0.5-7 mm, 18 kinds
Diameter pitch threads		56-4 DP , 24 kinds
Max. travel of top slide		5-3/4"
Max. travel of cross slide		12-1/2"
Longitudinal rapid traverse		18 ft / min.
Cross rapid traverse		8 ft / min.
Diameter of tailstock quill		3"
Max. travel of tailstock quill		6"
Taper of tailstock quill center		M.T. # 5
4-way tool post size		1" x 1"
Longitudinal leadscrew diameter / pitch	Diameter: 3"	Pitch: 2 TPI
Main Motor	10 HP, 220V/440V, 3phase, prewired on 220V	
Rapid traverse motor	1/3 HP, 220V/440V, 3 phase, prewired on 220V	
Coolant pump motor	1/8 HP, 220V/440V, 3 phase, prewired on 220V	
Net weight, approx.		8,350 LBS
Overall dimensions, LxWxH		123x43x63

Standard Equipment (free) for “GMC” Heavy Duty Lathes

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- [Free Taper turning attachment, , installed](#)
- [Spindle clutch](#)
- [4-way repaid traverse on carriage and cross slide](#)
- 12" 3-jaw chuck with top reversible jaws
- 16" 4-jaw chuck with reversible jaws
- 25" Face plate
- 10" drive plate
- 4-3/4" – 10-1/4" large steady rest with roller jaws
- 1"-3" follow rest
- Automatic kick-out longitudinal carriage stop system
- Oil pump on apron for lubrication to all ways and leadscrews
- Removable gap
- 4-way tools post
- Foot brake
- Halogen Work light
- coolant system
- Full length splash guard
- (2) dead centers and (1) reducing sleeve
- Thread chasing dial
- Tool box

Optional Equipment for “GMC” Heavy Duty Lathes

- 3/4"-5" steady rest with brass tips # SR5-GT-2080
- Leveling pad
- DRO for #GT-2080, NEWALL (England), 2 axis,
- SINO DRO for GT-2080 lathe, 0.0001" res
- 5-C Hand lever type collet closer, “JFK” USA,
- 33 pc 5C collet set, from 1/16 to 1-1/16" by 32ndth, # 900-0014.
- Taper turning attachment.
- 6pc Aloris type quick change tool post # 900-0051-400
- Live center for tailstock MT# 5, part# 900-0050-05
- 5pc Indexable carbide turning set # 2003-0005
- 3/8" carbide insert # 2003-0014

Shown Model # GT-2080



