



GMC HEAVY DUTY PRECISION GAP BED LATHES
Model # GT-3280 and # GT-32120
4-1/8" LARGE SPINDLE BORE

"GMC" Precision Gap Bed Lathe # GT-3280, 32"x80", 4-1/8"bore ., 15HP, 220/440V, 3PH.

"GMC" Precision Gap Bed Lathe # GT-32120, 32"x120",4-1/8"bore, 15HP, 220/440V, 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 20-1/2"**
- **Heavy Duty main motor 15 HP**
- **12 spindle speeds from 30-1,400 rpm**
- **Oil pump on apron for all ways and leadscrews**
- **Threading and feeding rate change without changing gears**
- **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-3280	GT-32120
Max. swing over bed	32"	
Max. length of workpiece	80"	120"
Max. swing over cross slide	22-1/16"	
Max. Swing in gap	39-1/2"	
Width of Bed	20-1/2"	
Effective length in gap to spindle	10"	
Effective length in gap to chuck jaws	7"	
Spindle bore	4-1/8"	
Taper of spindle center	MT6	
Spindle speeds	30-1,400 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, 27 kinds 28,14,7,3-1/2, 27, 24, 12, 6, 3, 22, 11, 5-1/2, 2-3/4, 20, 10, 5, 2-1/2, 18,9,4-1/2, 2-1/4, 16, 8, 4, 2, 11-1/2, 19	
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	17"	
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	
Max. weight of workpiece	2,800 LBS	
4-way tool post size	1" x 1"	
Longitudinal leadscrew diameter / pitch	Diameter: 3"	Pitch: 2 TPI
Main Motor	15 HP, 220V/440V, 3 phase, 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.	9,350 LBS	10,350 LBS
Overall dimensions, LxWxH	142" x 46" x 68"	182" x 46" x 68"

**Standard Equipment (free) for “GMC” Heavy Duty Lathes
Model # GT-3280 and GT-32120:**

- [Free Taper turning attachment, , installed](#)
- 16” 3-jaw chuck with top reversible jaws
- 20” 4-jaw chuck
- 25” Face plate
- 10” drive plate
- 6-3/4” – 12-1/2” large steady rest with roller jaws
- 1”-3” follow rest
- Removable gap
- 4-way tools post
- Foot brake
- Halogen Work light
- coolant system
- Oil pump on apron for lubrication to all ways and leadscrews
- Section splash guard on Apron for GT-32120
- (2) dead centers and (1) reducing sleeve
- Thread chasing dial
- Tool box

Optional Equipment for “GMC” Heavy Duty Lathes

- Leveling pad .
- DRO for #GT-32120, NEWALL # NW18120, 2 axis.
- DRO for #GT-3280, NEWALL # NW1880, 2 axis, .
- DRO for # GT-32120, SINO, # SINO 18120, 2 axis, .
- DRO for # GT-3280, SINO, # SINO 1880, 2 axis, .
- 3/4”- 5” small steady rest with brass tips SR-5-GT-32120.
- 12” to 18-1/8” large steady rest with brass tips .
- 5-C Hand lever type collet closer # 5C, “JFK” USA.
- 33 pc 5C collet set, from 1/16 to 1-1/16” by 32ndth, # 900-0014.
- Quick-Change Tools Post Set (6 pcs) wedge Type .
- Taper turning attachment.
- Live center for tailstock MT# 5, part# 900-0050-05.
- 5pc Indexable carbide turning set # 2003-0005.
- 3/4” carbide insert # 2003-0014.



