

GMC HEAVY DUTY PRECISION GAP BED LATHES

Model # GML-2060 and # GML-2080

3-1/8" LARGE SPINDLE BORE

Lathe # GML-2060, 20" x 60", 3-1/8" bore, 10HP.....

Lathe # GML-2080, 20" x 80", 3-1/8" bore, 10HP.....

With free taper attachment and free SINO DRO installed

Machine Standard Features and Equipment:

- ISO 9001 certified
- Large spindle bore 3-1/8"
- Heavy Duty spindle D1-8
- Heavy Duty guideway width 12"
- Heavy Duty main motor 10HP
- 16 spindle speeds from 25-1,800 rpm, 12 speeds
- 60 kinds of inch threads, and 41 kinds of metric threads
- 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 industrial warranty for parts

Heavy Duty Gap Bed Lathes Specifications

	GML-2060	GML-2080
Max. swing over bed	20"	20"
Max. length of workpiece	60"	80"
Max. swing over cross slide	12-1/2"	12-1/2"
Max. Swing in gap	29-1/8"	29-1/8"
Width of Bed	12"	
Effective length in gap to spindle	6"	
Effective length in gap to chuck jaws	3-1/2"	
Spindle bore	3-1/8" , D1-8	
Taper of spindle center	M.T.# 7	
Spindle speeds	25-1,800 rpm / 12 steps	
Longitudinal feeds	0.0011-0.063 IPR, 42 kinds	
Cross feeds	0.0003-0.018 IPR, 42 kinds	
Inch threads	2-112 TPI, 60 kinds	
Metric threads	0.1-14 mm , 41 kinds	
Module threads	0.1-7mm, 34 kinds	
Diametral pitch threads	4-112DP , 50 kinds	
Max. travel of top slide	5"	
Max. travel of cross slide	11-1/4"	
Spindle length w/o chuck	17-1/2"	
Leadscrew length X TPI	1-1/4" x 4 TPI	
Diameter of tailstock quill	2-3/8"	
Max. travel of tailstock quill	5-1/8"	
Taper of tailstock quill center	M.T. #4	
Main motor	10HP, 220V or 440V, 3 phase	
Coolant pump motor	1/8 HP, 220V, or 440V, 3 phase, 2Gal coolant	
Machine Oil	# 30 weight Machine oil, 5 Gallons	
Net weight, approx. LBS	5,750 LBS	6,350 LBS
Overall dimensions, LxWxH	108" x 43" x 59"	128" x 43" x 59"

Standard Equipment (free) for Lathes # GML-2060 and # GML-2080:

- [Free Taper turning attachment, , installed](#)
- [Free SINO DRO, installed](#)
- [Chuck guard with safety shut off, made from metal](#)
- [Automatic kick-out longitudinal carriage stop system](#)
- 10" 3-jaw chuck with top reversible jaws, direct mount
- 12" 4-jaw chuck, direct mount
- 14" Face plate
- 1/2"-6" steady rest with roller jaws
- 7/8"-4-3/8" follow rest
- Removeable gap
- 4-way tools post
- Foot brake
- Halogen Work light and coolant system
- Full length splash guard
- Dead centers
- Thread chasing dial
- Tool box and leveling pads

Optional Equipment for Heavy Duty Lathes

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| • 5-C Hand lever type collet closer, free install | \$ |
| • 33 pc 5C collet set, from 1/16"-1-1/16" by 32 nd , Part# 900-0014.. | \$ |
| • China ALORIS type QC tool post set # 900-0051-300, 6 pcs | \$ |
| • Live Center # 900-0050-04 | \$ |
| • ¾ to 10-1/2" large steady rest with roller jaws | \$ |

