

**GMC HEAVY DUTY PRECISION GAP BED LATHES**  
**Model # GML-1440HD**  
**2-1/16" LARGE SPINDLE BORE**

**Heavy Duty Lathe # GML-1440HD, 14-7/8" x 40", 2-1/16" bore, 6 HP,220V, 3ph**

**Machine Standard Features and Equipment:**

- **ISO 9001 certified**
- **Large spindle bore 2-1/16"**
- **Heavy Duty spindle D1-6**
- **One-piece solid cast iron machine base**
- **Heavy Duty guideway width 10-1/4"**
- **Heavy Duty main motor 6 HP**  
16 spindle speeds from 45-1,800 rpm, speeds: 45/ 75/ 90/ 130/ 160/ 195/ 210/ 260/  
350/ 390/ 600/ 690 / 790 / 910/ 1,200/ 1,800 rpm
- **45 kinds of inch threads, and 39 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 warranty for parts**

### **Heavy Duty Gap Bed Lathes Specifications**

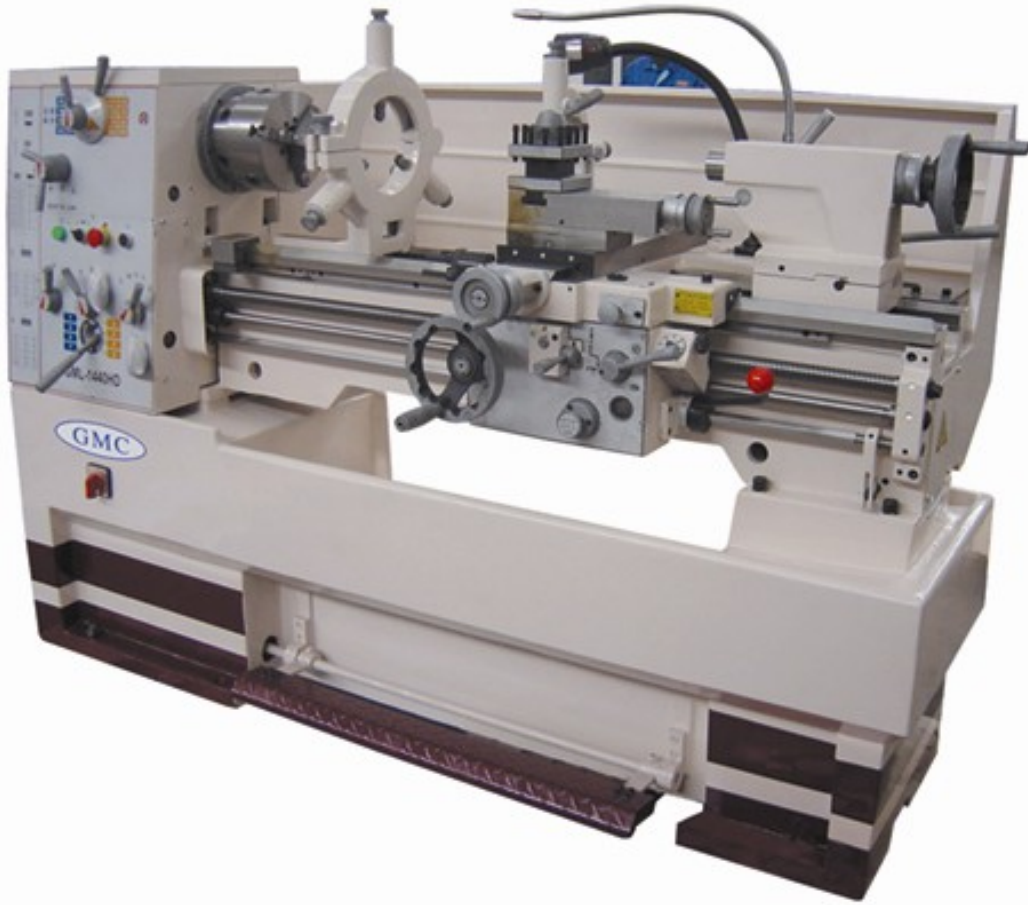
	GML-1440HD	
Max. swing over bed	<b>14-7/8"</b>	
Max. length of workpiece	40"	
Max. swing over cross slide	<b>10-1/16"</b>	
Max. Swing in gap	<b>23-1/4"</b>	
Width of Bed	<b>10-1/4"</b>	
Effective length in gap to spindle	8-1/2"	
Effective length in gap to chuck jaws	3-1/2"	
Spindle bore	<b>2-1/16" , D1-6</b>	
Taper of spindle center	M.T.# 6 ( with MT6/MT4 sleeve)	
Spindle speeds	45-1,800 rpm / 16 steps	
Longitudinal feeds	0.0018-0.07 IPR, 42 kinds	
Cross feeds	0.0009-0.03 IPR, 42 kinds	
Inch threads	70-2 TPI, 45 kinds	
Metric threads	0.2-14 mm , 39 kinds	
Module threads	0.3-3.6 mm, 18 kinds	
Diametral pitch threads	8-40 DP , 21 kinds	
Max. travel of top slide	4-1/4"	
Max. travel of cross slide	8-1/2"	
Spindle length w/o chuck	20-1/2"	
Leadscrew dia. x TPI	1-1/4" diameter x 4 TPI	
Diameter of tailstock quill	2-1/16"	
Max. travel of tailstock quill	5"	
Headstock size	16" x 17"	
Taper of tailstock quill center	M.T. # 4	
Main motor	6 HP, 220V only, 3 phase	
Coolant pump motor	1/8 HP, 220V only, 3 phase	
Net weight, approx.	4,350 LBS	
Overall dimensions, LxWxH	79" x 38" x 53"	

**Standard Equipment (free) for Heavy Duty Lathes # GML-1440HD:**

- [Free Taper turning attachment, , installed](#)
- 8" 3-jaw chuck with set reversible jaws
- 10" 4-jaw chuck with set reversible jaws
- 12" Face plate
- 5 1/2" large steady rest with roller jaws
- Oil pump on Apron for all guideways and leadscrews
- 2" follow rest
- Removeable gap
- 4-way tools post
- Foot brake
- Coolant system
- Halogen Work light
- Full length splash guard
- (2) dead centers and (1) reducing sleeve MT6/MT4
- Thread chasing dial
- Tool box and leveling pads

**Optional Equipment for Heavy Duty Lathes**

- 10" Drive Plate# DPD610
- Micro Carriage Stop # MCS-GML-1440HD
- NEWALL DRO # DP-700, # NW840, free install
- SINO DRO #, glass scale, 0.0001" solution, free install
- 5-C Hand lever type collet closer# 5C, free install
- 33 pc 5C collet set, from 1/16 to 1-1/16" by 32ndth, # 900-0014..
- Taper turning attachment # TA-GML-1440HD, free installation
- ALORIS type QC tool post set # 900-0051-300, 6 pcs
- Live Center # 900-0050-04
- 5pc Indexable carbide turning set # 2003-0004
- 3/8" carbide insert # 2003-0014
- Lathe package # 1, incl 5pc indexable carbide turning set# 2003-0004, 1/2 drill chuck # 700-0102, Chuck arbor # 700-0153 and 29pc Titanium drill bit set #5000-0001T



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