

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.....

With free taper attachment and free SINO DRO installed

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	14-7/8"	
Max. length of workpiece	40"	60"
Max. swing over cross slide	10-1/16"	
Max. Swing in gap	23-1/4"	
Width of Bed	10-1/4"	
Effective length in gap to spindle	8-1/2"	
Effective length in gap to chuck jaws	3-1/2"	
Spindle bore	2-1/16", D1-6	
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 SINO DRO installed
- Free Taper turning attachment, , installed
- **Metal chuck guard with safety shut down when lifting chuck guard**
- 8" 3-jaw chuck with one set reversible jaws
- 10" 4-jaw chuck
- 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	\$250.00
• Micro Carriage Stop # MCS-GML-1440HD.....	\$
• SINO DRO #1440 for GML-1440HD,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, ½ drill chuck # 700-0102, Chuck arbor # 700-0153 and 29pc Titanium drill bit set #5000-0001T	\$

