

GMC HIGH SPEED PRECISION ENGINE LATHES

Model # GML-1440BGF-1 & GML-1440BGF-3

Model# GML-1440BGF-1, 14"x40", 1-1/2" spindle bore, 3 HP, 220V,1phase

Model# GML-1440BGF-3, 14"x40", 1-1/2" spindle bore, 3 HP, 220V,3phase

Machine Standard Features and Equipment:

- **ISO 9001 certified**
- **Full Geared-head precision Engine Lathe with foot brake**
- **Quick-change gearbox with fast and easy threading set up**
- **Heavy Duty main motor 3HP, 220V, 1 phase**
- **Spindle bore 1 1/2"**
- **Heavy Duty spindle D1-4**
- **Heavy Duty guideway width 7 1/2"**
- **8 spindle speeds from 70-2,000 rpm, speeds: 70/115/190/300/460/755/1255/2000 rpm**
- **56 kinds of inch threads, and 44 kinds of metric threads**
- **Spindle is balanced, hardened and precision ground**
- **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**

Specifications:

	GML-1440BGF-1	GML-1440BGF-3
Max. swing over bed	14"	
Max. length of workpiece / Max. length of cutting	40" / 34"	
Max. swing over cross slide	8-1/4"	
Max. Swing in gap	19-1/4"	
Width of Bed	7-1/2"	
Effective length in gap to spindle	6-1/2"	
Effective length in gap to chuck jaws	3-5/8"	
Spindle bore	1 1/2", D1-4	
Taper of spindle center	M.T.# 5 (MT5/MT3)	
Spindle speeds	70-2,000 rpm / 8 steps	
Longitudinal feeds	0.00168-0.11750 IPR, 24 kinds	
Cross feeds	0.00046-0.03231 IPR, 24 kinds	
Inch threads	4-112 TPI, 56 kinds	
Metric threads	0.1-7.0 mm , 44 kinds	
Diametral Pitch threads	16-112 DP, 32 kinds	
Module threads	0.1 – 1.75 mm , 34 kinds	
Max. travel of top slide	4-1/4"	
Max. travel of cross slide	7-1/4"	
Spindle speeds, 8 steps	70/115/190/300/460/755/1255/2000 rpm	
Diameter of tailstock quill	1-1/2"	
Max. travel of tailstock quill	4"	
Taper of tailsotck quill center	M.T. # 3	
Main motor	3HP, 220V, 1phase	3HP, 220V, 3 phase
Coolant pump	1/16HP, 220V, 1phase	
Net weight, approx.	1,730 LBS	
Overall dimensions, LxWxH	70" x 35" x 59"	

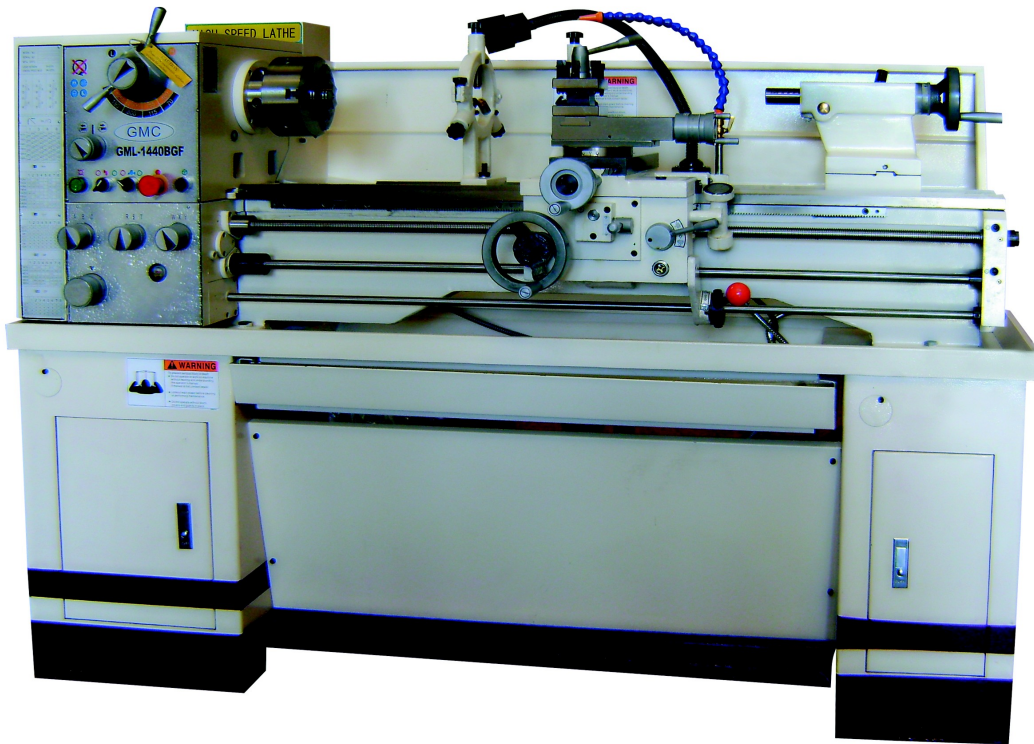
Standard Equipment (free) for Heavy Duty Lathe Model # GML-1440BGF:

- 6" 3-jaw chuck with set reversible jaws
- 8" 4-jaw chuck with set reversible jaws
- 10" Face plate
- 3 3/4" large steady rest
- 2" follow rest
- Removeable gap
- Foot brake
- Coolant system
- Halogen work light
- 4-way tools post
- Full length splash guard
- (2) dead centers and (1) reducing sleeve
- Thread chasing dial
- Tool box

Optional Equipment for Heavy Duty Lathe

- 10" Drive Plate# DPD410
- Micro Carriage Stop#MCS1440
- DRO for 1440BGF, NEWALL #NW840, 2 axis,
- SINO DRO for GML-1440BGF, 2 axis,
- 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
- Taper turning attachment # TA-GML1440, free installation
- 6pc ALORIS type quick change toolpost# 900-0051-200 (wedge)
- Live Center MT3 # 900-0050-03
- 1/2" drill chuck # 700-0102
- 1/2" drill chuck arbor # 700-0153
- Lathe package # 1, incl 5pc indexable carbide turning set# 2003-0003, 1/2" drill chuck # 700-0102, Chuck arbor # 700-0153 and 29pc Titanium drill bit set #5000-0001T

New version GML-1440BGF picture:



GML-1440BGF