



**GMC HEAVY DUTY GAP BED LATHES**  
**Model # GML-32120H and # GML-32180H & GML-32240H**  
**5 1/8" LARGE SPINDLE BORE**

**Heavy Duty Gap Bed Lathe # GML-3260H, 32"x 60", 20HP, 220/440V, 3PH.**  
**Heavy Duty Gap Bed Lathe # GML-3280H, 32"x 80", 20HP, 220/440V, 3PH.**  
**Heavy Duty Gap Bed Lathe # GML-32120H, 32"x 120", 20HP, 220/440V, 3PH.**  
**Heavy Duty Gap Bed Lathe # GML-32180H, 32"x 180", 20HP, 220/440V, 3PH**  
**Heavy Duty Gap Bed Lathe # GML-32240H, 32"x 240", 20HP, 220/440V, 3PH.**

**Standard Features:**

- ISO 9001 certified
- Large spindle bore 5 1/8"
- Heavy Duty spindle D1-11
- **Heavy Duty guideway width 21-3/4"**
- **Heavy Duty main motor 20 HP**
- 18 spindle speeds from 10 to 800 rpm
- 31 kinds of inch threads, and 53 kinds of metric threads
- Threading and feeding rate change without changing gears
- 4-way rapid traverse to carriage and cross slide
- 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
- Adjustable hydraulic clutch for spindle turning and brake
- Power 220V /208V , 3 phase, 60 HZ ( 440V /460V is optional )
- One year industrial warranty for parts

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Specifications:	GML3260H	GML3280H	GML32120H	GML32180H	GML32240H
Max. swing over bed	26"	26"	26"	26"	26"
Max. length of workpiece	60"	80"	120"	180"	240"
Max. swing over cross slide	21-3/4"	21-3/4"	21-3/4"	21-3/4"	21-3/4"
Max. Swing in gap	40"	40"	40"	40"	40"
Width of Bed	21-3/4" very wide bed				
Effective length in gap to spindle	12"				
Effective length in gap to chuck	7"				
Spindle bore	5 1/8", DI-11				
Taper of spindle center	M.T.# 5				
Spindle speeds	10 – 800 rpm / 18 steps				
Longitudinal feeds	0.0027-0.66 IPR, 64 kinds				
Cross feeds	0.00157-0.378 IPR, 64 kinds				
Inch threads	32-2TPI, 31 kinds				
Metric threads	1-240 mm , 53 kinds				
Module threads	0.25-60 mm, 47 kinds				
Diametral pitch threads	60 – 1/2 DP , 47 kinds				
Max. travel of top slide	8-3/4"				
Max. travel of cross slide	18-3/4"				
Longitudinal rapid travel speed	126" / min.				
Cross slide rapid travel speed	75" / min.				
Diameter of tailstock quill	3-1/2"				
Max. travel of tailstock quill	10-1/4"				
Taper of tailstock quill center	M.T. # 5				
Main motor	20 HP, 220V or 440V, 3 phase, prewired on 220V				
Rapid traverse motor	2 HP, 220 or 440V, 3 phase, prewired on 220V				
Coolant pump motor	1/8 HP, 220V or 440V, 3 phase, prewired on 220V				
Machine weight, approx., LBS	12,600	13,600	14,900	17,100	19,100
Overall dimensions, LxWxH	150x55x80	171x55x80	210x55x80	268x55x80	327x55x80

### Standard Free Equipment:

- 13" 3-jaw chuck with top reversible jaws
- 20" 4-jaw chuck with reversible jaws
- 31 1/2" Face plate
- 12" drive plate
- 8" large steady rest
- Follow rest
- Removable gap
- 4-way tools post
- Foot brake
- Work light and coolant system
- Section splash guard on rear of carriage
- (2) dead centers and (1) reducing sleeve
- Thread chasing dial
- 4-way rapid traverse on carriage
- tool box

### Optional Equipment:

- Taper attachment, 30" travel, # TA-32H.
- 16" large steady rest, # SR-16-32H.
- 6pc set quick change tool post set.
- DRO for GML-3280H, SINO, # SINO-1680, 2 axis.
- DRO for #GML-3280H,NEWALL # NW1680, 2 axis.
- DRO for #GML-32120H,NEWALL # NW16120, 2 axis.
- DRO for #GM-32180H, NEWALL # NW16160, 2 axis.
- DRO for #GML-32240H,NEWALL # NW16240, 2 axis.

