



**GMC HEAVY DUTY PRECISION HIGH SPEED LATHES**

**3-1/8" LARGE SPINDLE BORE**

**"GMC" Lathe # GML-2580, 25"x80", 26-1,800rpm, 3-1/8" bore, 15HP, 220/440V, 3PH.**  
Come with free DRO & free taper attachment installed

**Machine Standard Features and Equipment:**

- **ISO 9001 certified**
- **Free DRO & free taper taper attachment installed**
- **rapid traverse on the carriage longitudinal & cross fast movement**
- **solid cast iron machine base**
- **Heavy Duty main motor 15 HP**
- **15 spindle speeds from 26-1,800 rpm**
- **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 part**

## Heavy Duty Gap Bed Lathes Specifications

	GML-2580
Max. swing over bed	25"
Max. length of workpiece	80"
Max. swing over cross slide	14"
Max. Swing in gap	29"
Width of Bed	13"
Effective length in gap to spindle	8"
Effective length in gap to chuck jaws	6"
<b>Spindle bore</b>	<b>D1-8 . 3-1/8"</b>
Taper of spindle center	MT6
Spindle speeds	26-1,800 rpm / 15 steps
Longitudinal feeds	0.0027-0.15 IPR, 66 kinds
Cross feeds	0.0013-0.075 IPR, 66 kinds
Inch threads	1-56 TPI, 66 kinds
Metric threads	0.5-28 mm , 66 kinds
Module threads	0.5-3.5 mm, 33 kinds
Diameter pitch threads	56-8 DP , 33 kinds
Max. travel of top slide	5"
Max. travel of cross slide	13"
Longitudinal rapid traverse	18 ft / min.
Diameter of tailstock quill	2-1/2"
Max. travel of tailstock quill	5"
Taper of tailstock quill center	M.T. # 5
4-way tool post size	1" x 1"
Longitudinal leadscrew diameter / pitch	Diameter: 2-1/2"      Pitch: 4 TPI
Main Motor	15 HP, 220V/440V, 3phase, prewired on 220V
Rapid traverse motor	1/3 HP, 220V/440V, 3 phase, prewired on 220V
Coolant pump motor	1/8 HP,220V/440V, 3 phase, prewired on 220V
Machine weight, approx.	7,650 LBS
Overall dimensions, LxWxH	137x46x71

## **Standard Equipment (free) for “GMC” Heavy Duty Lathes**

### **Model # GML-2580**

- [Free OEM DRO GML-2580, installed](#)
- [Free Taper turning attachment, , installed](#)
- [repaid traverse on carriage longitudinally & cross](#)
- 12” 3-jaw chuck with top reversible jaws
- 12” 4-jaw chuck with reversible jaws
- 17” Face plate
- 4-1/4” steady rest
- 1”-3” follow rest
- Carriage stop
- Removable gap
- 4-way tools post
- Foot brake
- Halogen Work light
- coolant system
- Full length splash guard
- (2) dead centers and (1) reducing sleeve
- Thread chasing dial
- Tool box

### **Optional Equipment for “GMC” Heavy Duty Lathes**

- 4”-12” steady rest with roller jaws # SR12-GML-25 ..
- 16” 4-jaw chuck # 4J-16-GML-25.
- 9” drive plate .
- Leveling pad .
- 5-C Hand lever type collet closer, “JFK” USA, free install .
- 33 pc 5C collet set, from 1/16 to 1-1/16” by 32ndth, # 900-0014.
- Taper turning attachment, free installation ..
- Live center for tailstock MT# 5, part# 900-0050-05 .
- 5pc Indexable carbide turning set # 2003-0005 .
- 3/8” carbide insert # 2003-0014 .

Shown Model # GML-2580





