



Catalog # GM-032710

Heavy Duty Precision High Speed Lathes

Shown Model # GML-2180

ISO 9001



Standard Features:

- ISO 9001 certified
- Free OEM DRO for model # GML-2160 & GML-2180 only
- Free taper attachment installed for all (3) models
- Rapid traverse on the carriage longitudinal & cross fast movement
- Solid cast iron machine base
- Heavy Duty main motor 10 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 parts

Specifications:	GML-2160	GML-2180	GML-21120
Max. swing over bed	21"	21"	21"
Max. length of workpiece	60"	80"	120"
Max. swing over cross slide		13"	
Max. Swing in gap		25"	
Width of Bed		13"	
Effective length in gap to spindle		8"	
Effective length in gap to chuck jaws		6"	
Spindle bore	D1-8 . 3-1/8"		
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	10 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.	5,950 LBS	6,650 LBS	8,150 LBS
Overall dimensions, L×X×H	115×46×71	137×46×71	177×46×71

Specifications and design are subject to change without prior notice

Standard Equipment:

- Free OEM DRO, glass scales, high accuracy resolution 0.0001" for GML-2160/2180
- Free Taper turning attachment, , installed
- 12" 3-jaw chuck with top reversible jaws
- 27" Face plate
- Micro carriage stop
- 4-way tools post
- Coolant system
- (1) reducing sleeve
- 4-1/4" steady rest
- Removable gap
- Foot brake
- Full length splash guard
- Thread chasing dial
- Repaid traverse on carriage longitudinally & cross
- 12" 4-jaw chuck with top reversible jaws
- 1"-3" follow rest
- Halogen Work light
- (2) dead centers and
- Tool box

Optional Equipment:

- 4"-12" steady rest with roller jaws
- Newall DRO,England
- 33 pc 5C collet set
- 9" Drive plate
- Leveling pad
- 6pc Aloris type quick change tool post
- OEM DRO, glass scales
- 5-C Hand lever type collet closer
- Live center

Distributor:

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