



# MACHINE DATA SHEET

Customer Service #: (570) 546-9663 · To Order Call: (800) 523-4777 · Fax #: (800) 438-5901

## MODEL G4002 12" X 24" GEAR-HEAD, CAM LOCK SPINDLE, GAP BED LATHE

### Product Dimensions:

Weight..... 913 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 53 x 26 x 23 in.  
Footprint (Length x Width)..... 53 x 23 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1004 lbs.  
Length x Width x Height..... 59 x 30 x 28 in.

### Electrical:

Minimum Circuit Size..... 15 Amp  
Switch..... On/Off Reverse Switch  
Switch Voltage..... 220V  
Plug Included..... No

### Motors:

#### Main

Type..... TEFC Capacitor Start Induction  
Horsepower..... 2 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Single  
Amps..... 12A  
Speed..... 1725 RPM  
Cycle..... 60 Hz  
Number of Speeds..... 1  
Power Transfer ..... Belt Drive to Gear  
Bearings..... Shielded and Lubricated for Life

### Main Specifications:

#### Operation Info

Swing Over Bed..... 12 in.  
Distance Between Centers..... 24 in.  
Swing Over Cross Slide..... 7 in.  
Swing Over Saddle..... 7 in.  
Swing Over Gap..... 17 in.  
Maximum Tool Bit Size..... 5/8 in.  
Compound Travel..... 3-1/4 in.  
Carriage Travel..... 18-1/2 in.  
Cross Slide Travel..... 6-1/4 in.

**Headstock Info**

Spindle Bore..... 1-7/16 in.  
Spindle Taper..... MT#5  
Number of Spindle Speeds..... 9  
Spindle Speeds..... 70, 200, 220, 270, 360, 600, 800, 1000, 1400 RPM  
Spindle Type..... D1-4 Camlock  
Spindle Bearings..... Tapered Roller  
Spindle Length..... 16 in.  
Spindle Length with 3-Jaw Chuck..... 20-3/4 in.  
Spindle Length with 4-Jaw Chuck..... 20-3/8 in.

**Tailstock Info**

Tailstock Quill Travel..... 4 in.  
Tailstock Taper..... MT#3  
Tailstock Barrel Diameter..... 1-9/16 in.

**Threading Info**

Number of Longitudinal Feeds..... 40  
Range of Longitudinal Feeds..... 0.0011 - 0.031 in.  
Number of Cross Feeds..... 40  
Range of Cross Feeds..... 0.0004 - 0.0105 in./rev.  
Number of Inch Threads..... 40  
Range of Inch Threads..... 4 - 112 TPI  
Number of Metric Threads..... 29  
Range of Metric Threads..... 0.2 - 4.5 mm

**Dimensions**

Bed Width..... 7-1/4 in.  
Leadscrew Diameter..... 0.870 in.  
Leadscrew TPI..... 8  
Leadscrew Length..... 36 in.  
Steady Rest Capacity..... 2 in.  
Follow Rest Capacity..... 1 in.  
Faceplate Size..... 10 in.  
Feed Rod Diameter..... 0.780 in.  
Floor to Center Height..... 47 in.

**Construction**

Base..... Cast Iron  
Headstock..... Cast Iron  
Headstock Gears..... Flame Hardened Steel  
Bed..... Induction Hardened Cast Iron  
Body..... Cast Iron  
Paint..... Epoxy

**Other**

Kilowatt Output..... 1.119  
Optional Stand..... G4004

**Other Specifications:**

Country Of Origin ..... China  
Warranty ..... 1 Year  
Serial Number Location ..... Middle of Headstock

**Features:**

- Carriage Mounted On/Off Control Lever
- Easy To Use Lever Controls
- Full Length Splash Guard
- Hardened and Ground Cast Iron Bed
- Removable Gap Bed Allows Turning up to 17" in Diameter
- Threading Dial

**Accessories Included:**

- 1/2" Drill Chuck with MT#3 Arbor
- 10" Face Plate
- 6" 3-Jaw Chuck with Two Sets of Jaws
- 8" 4-Jaw Chuck with Reversible Jaws
- Carbide Tipped MT#3 Dead Center
- Follow Rest
- MT#3 Dead Center
- MT#3 Live Center
- Oil Can
- Quick Change Tool Post with One Tool Holder
- Set of Six Change Gears
- Steady Rest
- Tool Box