



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.
Length/Width/Height..... 53 x 26 x 23 in.
Foot Print (Length/Width)..... 53 x 23 in.

Shipping Dimensions:

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

Electrical:

Switch..... On/Off Reverse Switch
Switch Voltage..... 220V
Minimum Circuit Size..... 10 amp
Plug Included..... No

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 1-1/2 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Single
Amps..... 9A
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.
Dist Between Centers..... 24 in.
Swing Over Cross Slide..... 7 in.
Swing Over Saddle..... 7 in.
Swing Over Gap..... 17 in.
Max 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
No 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 Travel..... 4 in.
Tailstock Taper..... MT#3
Tailstock Barrel Diameter..... 1-9/16 in.

Threading Info

No Of Inch Threads..... 40
Range Of Inch Threads..... 4 - 112 TPI
Range Of Longitudinal Feeds..... 0.0011 - 0.031 in.
No Of Longitudinal Feeds..... 40
No Of Cross Feeds..... 40
Range Of Cross Feeds..... 0.0004 - 0.0105 in./rev.
No Of Metric Threads..... 29
Range Of Metric Threads..... 0.2 - 4.5 mm

Dimensions

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

Construction

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