



MACHINE DATA SHEET

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

MODEL G4003 12" X 36" GEAR-HEAD, CAM LOCK SPINDLE, GAP BED LATHE

Product Dimensions:

Weight..... 917 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 61 x 23 x 23 in.
Footprint (Length x Width)..... 61 x 23 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 1017 lbs.
Length x Width x Height..... 66 x 30 x 29 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 Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed..... 12 in.
Distance Between Centers..... 36 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..... 30-1/2 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..... 1.570 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..... 44 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..... G4005

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Front 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
- Four Piece Insert Tool Holder Set
- 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