



MACHINE DATA SHEET

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

MODEL G4000 9" X 19" BENCH LATHE

Product Dimensions:

Weight..... 250 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 37 x 20 x 15 in.
Footprint (Length x Width)..... 37 x 16 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 293 lbs.
Length x Width x Height..... 41 x 22 x 20 in.

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Full-Load Current Rating..... 11.6A
Minimum Circuit Size..... 15 Amp
Switch..... Forward/Reverse
Switch Voltage..... 110V
Cord Length..... 6 ft.
Cord Gauge..... 12 gauge
Plug Included..... Yes
Included Plug Type..... NEMA 5-15

Motors:

Main

Type..... Open Frame Capacitor Start Induction
Horsepower..... 3/4 HP
Voltage..... 110V
Prewired..... 110V
Phase..... Single
Amps..... 11.6A
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..... 8-3/4 in.
Distance Between Centers..... 19 in.
Swing Over Cross Slide..... 5 in.
Swing Over Saddle..... 5 in.
Maximum Tool Bit Size..... 1/2 in.
Compound Travel..... 1-7/8 in.
Carriage Travel..... 16 in.
Cross Slide Travel..... 4-1/4 in.

Headstock Info

Spindle Bore..... 3/4 in.
Spindle Size..... 39 mm
Spindle Taper..... MT#3
Spindle Threads..... 4
Number of Spindle Speeds..... 6
Spindle Speeds..... 130, 300, 400, 600, 1000, 2000 RPM
Spindle Type..... Threaded
Spindle Bearings..... Tapered Roller

Tailstock Info

Tailstock Quill Travel..... 1-9/16 in.
Tailstock Taper..... MT#2
Tailstock Barrel Diameter..... 1.002 in.

Threading Info

Number of Longitudinal Feeds..... 18
Range of Longitudinal Feeds..... 0.0047-0.012 in.
Number of Inch Threads..... 27
Range of Inch Threads..... 8 - 56 TPI
Number of Metric Threads..... 11
Range of Metric Threads..... 0.5 - 3.0 mm

Dimensions

Bed Width..... 4-1/2 in.
Leadscrew Diameter..... 9/16 in.
Leadscrew TPI..... 16
Leadscrew Length..... 25 in.
Steady Rest Capacity..... 1-3/4 in.
Follow Rest Capacity..... 1-3/4 in.
Faceplate Size..... 7-1/2 in.
Floor to Center Height..... 41 in.

Construction

Base..... Cast Iron
Headstock..... Cast Iron
Headstock Gears..... Cast Iron
Bed..... Hardened Cast Iron
Body..... Cast Iron
Paint..... Epoxy

Other

Kilowatt Output..... 0.5595
Optional Stand..... G4001

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Bed Back, Right End

Features:

Chip and Splash Guard Included
Hardened and Ground Cast Iron Bed
Quick Change Gearbox Offers up to 27 Standard and 11 Metric Threads, from 8 to 56 Threads Per Inch
Threading Dial

Accessories Included:

4 Way Tool Post
4" 3-Jaw Chuck with Two Sets of Jaws
7-1/4" 4-Jaw Chuck with Reversible Jaws
Extra C-Type Tool Post
Follow Rest
MT#2 Dead Center
MT#2 Live Center
MT#3 Dead Center
Steady Rest
Tool Box
Tool Kit
Faceplate