



MACHINE DATA SHEET

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

MODEL G4000 9" X 19" BENCHTOP METAL 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..... 294 lbs.
Length x Width x Height..... 41 x 22 x 20 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 9A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Forward/Reverse Switch

Motors:

Main

Horsepower..... 3/4 HP
Phase..... Single-Phase
Amps..... 9A
Speed..... 1720 RPM
Type..... ODP Capacitor-Start Induction
Power Transfer Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

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..... 3/8 in.
Compound Travel..... 1-7/8 in.
Carriage Travel..... 16 in.
Cross Slide Travel..... 4-1/4 in.

Headstock Info

Spindle Bore..... 0.78 in.
Spindle Size..... 39 mm
Spindle Taper..... MT#3
Spindle Threads..... 4.0 mm
Number of Spindle Speeds..... 6
Spindle Speeds..... 130 – 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..... 4
Range of Longitudinal Feeds..... 0.0047 – 0.0120 in./rev.
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.
Carriage Leadscrew Diameter..... 9/16 in.
Leadscrew TPI..... 16 TPI
Carriage Leadscrew Length..... 25 in.
Steady Rest Capacity..... 1-3/4 in.
Follow Rest Capacity..... 1-3/4 in.
Faceplate Size..... 7-1/2 in.

Other

Optional Stand..... G4001

Construction

Base..... Cast Iron
Headstock..... Cast Iron
End Gears..... Cast Iron
Bed..... Hardened and Precision-Ground Cast Iron
Body..... Cast Iron
Paint Type/Finish..... Epoxy

Other Specifications:

Country of Origin China
Warranty 1 Year
Approximate Assembly & Setup Time 1 Hour
Serial Number Location Bed Back, Right End
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

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