



MACHINE DATA SHEET

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

MODEL G4003G 12" X 36" GUNSMITHING METAL LATHE W/ STAND

Product Dimensions:

Weight..... 1213 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 67-1/2 x 26 x 54-1/2 in.
Footprint (Length x Width)..... 57-1/2 x 14-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1022 lbs.
Length x Width x Height..... 66 x 30 x 29 in.
Must Ship Upright..... Yes

Carton #2

Type..... Cardboard Box
Content..... Stand
Weight..... 308 lbs.
Length x Width x Height..... 31 x 27 x 19 in.
Must Ship Upright..... No

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 8.5A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... No
Recommended Power Cord..... "S"-Type, 3-Wire, 14 AWG, 300 VAC
Plug Included..... No
Recommended Plug Type..... 6-15
Switch Type..... Control Panel w/Magnetic Switch Protection

Motors:

Main

Horsepower..... 2 HP
Phase..... Single-Phase
Amps..... 8.5A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer Twin V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

Main Specifications:

Operation Info

Swing Over Bed.....	12 in.
Distance Between Centers.....	36 in.
Swing Over Cross Slide.....	7 in.
Swing Over Saddle.....	11-11/32 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.....	1.57 in.
Spindle Taper.....	MT#5
Number of Spindle Speeds.....	9
Spindle Speeds.....	70 – 1400 RPM
Spindle Type.....	D1-5 Camlock
Spindle Bearings.....	High-Precision Tapered Roller
Spindle Length.....	17 in.
Spindle Length with 3-Jaw Chuck.....	21-3/4 in.
Spindle Length with 4-Jaw Chuck.....	21-1/4 in.
Spindle Length with Faceplate.....	18-1/2 in.

Tailstock Info

Tailstock Quill Travel.....	4 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1.563 in.

Threading Info

Number of Longitudinal Feeds.....	40
Range of Longitudinal Feeds.....	0.0011 – 0.0310 in./rev.
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.
Carriage Leadscrew Diameter.....	0.870 in.
Leadscrew TPI.....	8 TPI
Carriage Leadscrew Length.....	44 in.
Steady Rest Capacity.....	3/16 – 1-1/2 in.
Follow Rest Capacity.....	1/4 – 3/4 in.
Faceplate Size.....	10 in.
Feed Rod Diameter.....	3/4 in.
Floor to Center Height.....	46-1/4 in.
Height With Leveling Jacks.....	48-1/4 in.

Construction

Base.....	Cast Iron
Headstock.....	Cast Iron
End Gears.....	Flame Hardened Steel
Bed.....	Induction-Hardened, Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Paint Type/Finish.....	Epoxy

Fluid Capacities

Headstock Capacity..... 3.5 qt.
Headstock Fluid Type..... ISO 32 (eg. Grizzly T23963, Mobil DTE Light)
Gearbox Capacity..... 1 – 2 Pumps
Gearbox Fluid Type..... ISO 68 (SB1365, Grizzly T23962, Mobil Vactra 2)
Apron Capacity..... 0.5 qt.
Apron Fluid Type..... ISO 68 (eg. Grizzly T23962, Mobil Vactra 2)

Other Specifications:

Country of Origin China
Warranty 1 Year
Approximate Assembly & Setup Time 1-1/2 Hours
Serial Number Location ID Label on Headstock
ISO 9001 Factory No
Certified by a Nationally Recognized Testing Laboratory (NRTL) No

Features:

1/2" SQ. Drive in Tailstock for Using Torque Wrench to Lock Tailstock Down Precisely Every Time
Min. Gun Barrel Length Through Spindle w/4-Jaw Chuck - 23" (Allowing for Barrel Sticking Out for Threading)
Easy to Use Lever Controls
Full Length Splash Guard
On/Off Reverse Switch on Carriage
LED Work Light
Ball Bearing Steady/Follow Rests
Outboard End Support Screws
Socket for Tailstock Lock
Steel Stand with Extended Base
Cast Aluminum Gear Cover
V-Slide for Side Adjustment

Accessories Included:

1 MT#3 Live Center
1/2" Chuck with MT#3 Arbor
10" Face Plate
2 MT#3 Dead Centers (1 Carbide Tipped)
6" 3-Jaw Chuck with 2 Sets of Jaws
8" 4-Jaw Chuck with Reversible Jaws
Follow Rest with Roller Tips
Quick Change Tool Post with One Tool Holder
Steady Rest with Roller Tips
Toolbox
Set of Seven Change Gears