



MACHINE DATA SHEET

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

MODEL G4003G GUNSMITH'S BENCH TOP LATHE WITH STAND

Product Dimensions:

Weight..... 1213 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 61 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..... 1066 lbs.
Length x Width x Height..... 66 x 30 x 29 in.

Carton #2

Type..... Cardboard
Content..... Left Stand
Weight..... 164 lbs.
Length x Width x Height..... 30 x 14 x 15 in.

Carton #3

Type..... Cardboard
Content..... Right Stand
Weight..... 144 lbs.
Length x Width x Height..... 31 x 12 x 15 in.

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 8.5A
Minimum Circuit Size..... 15A
Switch..... On/Off Reverse
Switch Voltage..... 220V
Plug Included..... No
Recommended Plug/Outlet Type..... NEMA 6-15

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 2 HP
Voltage..... 220V
Phase..... Single
Amps..... 8.5A
Speed..... 1725 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer Twin V-Belt to Gear
Bearings..... Shielded and Lubricated for Life

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.
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.....	40 mm.
Spindle Size.....	3-1/4 in.
Spindle Taper.....	MT#5
Number of Spindle Speeds.....	9
Spindle Speeds.....	70, 200, 220, 270, 360, 600, 800, 1000, 1400 RPM
Spindle Type.....	D1-5 Cam Lock
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.

Tailstock Info

Tailstock Quill Travel.....	4 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1-9/16 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.....	3/16 - 1-1/2 in.
Follow Rest Capacity.....	1/4 - 3/4 in.
Faceplate Size.....	10 in.
Feed Rod Diameter.....	0.780 in.
Floor to Center Height.....	46-1/4 in.

Construction

Base.....	in.
Headstock.....	Cast Iron
Headstock Gears.....	Flame Hardened Steel
Bed.....	Induction Hardened Cast Iron
Body.....	Cast Iron
Stand.....	Cast Iron
Paint.....	Epoxy

Other

Kilowatt Output..... 1.119

Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location ID Label on Headstock
Customer Assembly & Setup Time 1-1/2 hours

Features:

- Removable Gap Bed Allows Turnings up to 17" in Diameter
- Easy to Use Lever Controls
- Full Length Splash Guard
- On/Off Reverse Switch on Carriage
- Halogen Work Light
- Ball Bearing Steady/Follow Rests
- Outboard End Support Screws
- Socket for Tailstock Lock
- Cast Iron Stand with Extended Base
- Cast Aluminum Gear Cover
- V-Slide for Side Adjustment
- 1/2" SQ. Drive in Tailstock for Using Torque Wrench to Lock Tailstock Down Precisely Every Time
- Spindle Length - 17-3/8"
- Length Through Spindle with Face Plate Mounted - 18-5/8"
- Length Through Spindle with 4 Jaw Chuck Mounted - 21-1/4"
- Minimum Gun Barrel Length Through Spindle Using 4 Jaw Chuck - 23" (Allowing for Barrel Sticking Out for

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
- Set of Six Change Gears
- Steady Rest with Roller Tips
- Tool Box