



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.
Length/Width/Height..... 61 x 26 x 54-1/2 in.
Foot Print (Length/Width)..... 57-1/2 x 14-1/2 in.

Shipping Dimensions:

Carton #1

Type..... Wood Crate
Content..... Machine
Weight..... 1066 lbs.
Length/Width/Height..... 66 x 30 x 29 in.

Carton #2

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

Carton #3

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

Electrical:

Switch..... On/Off Reverse
Switch Voltage..... 220V
Cord Length..... 5-1/2 ft.
Cord Gauge..... 14 gauge
Minimum Circuit Size..... 15 amp
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 Twin V-Belt to Gear
Bearings..... Shielded and Lubricated for Life

Main Specifications:

Operation Info

Swing Over Bed.....	12 in.
Dist Between Centers.....	36 in.
Swing Over Cross Slide.....	7 in.
Swing Over Saddle.....	11-11/32 in.
Swing Over Gap.....	17 in.
Max Tool Bit Size.....	5/8 in.
Compound Travel.....	3-1/4 in.
Carriage Travel.....	24 in.
Cross Slide Travel.....	6-1/4 in.

Headstock Info

Spindle Bore.....	40 mm.
Spindle Size.....	3-1/4 in.
Spindle Taper.....	MT#5
No Of Spindle Speeds.....	9
Range Of 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 Travel.....	4 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1-9/16 in.

Threading Info

No Of Inch Threads.....	40
Range Of Inch Threads.....	4 - 112 TPI
Range Of Longitudinal Feeds.....	0.0011 - 0.031 in.
No Of Longitudinal Feeds.....	40
No Of Cross Feeds.....	40
Range Of Cross Feeds.....	0.0004 - 0.0105 in./rev.
No Of Metric Threads.....	29
Range Of Metric Threads.....	0.2 - 4.5 mm

Dimensions

Bed Width.....	7-1/4 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.
Leadscrew Diameter.....	0.870 in.
Feed Rod Diameter.....	0.780 in.
Floor To Center Height.....	46-1/4 in.

Construction

Base Construction.....	in.
Headstock Construction.....	Cast Iron
Headstock Gears Construction.....	Flame Hardened Steel
Bed Construction.....	Induction Hardened Cast Iron
Body Construction.....	Cast Iron
Stand Construction.....	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
Assembly 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