



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
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