



CORPORATE HEADQUARTERS

P.O. BOX 2069. BELLINGHAM, WA U.S.A.

TELEPHONE: (360) 647-0801 • FAX: (360) 676-1075

Introducing the Grizzly Model G0509G 16" x 40" Professional Gunsmith's Lathe



MACHINE HIGHLIGHTS (see *Machine Data Sheet* for full specifications)

- Tailstock lock can be tightened with a torque wrench to achieve precise alignment of centers.
- Super high precision spindle bearings with outboard spindle support for turning barrels.
- Precision ground and hardened gears throughout.
- Longer tailstock for precise barrel support.
- Dual coolant nozzels for chambering barrels.

The Model G0509G 16" x 40" Professional Gunsmith's Lathe is available for \$7,695. As with all Grizzly products, the Model G0509G is covered by a one-year warranty. For more information call 1-800-523-4777 or visit www.grizzly.com.



MACHINE DATA SHEET

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

MODEL G0509G 16" X 40" 3-PHASE GUNSMITH'S METAL LATHE

Product Dimensions:

Weight..... 2976 lbs.
Length/Width/Height..... 76-3/8 x 33-7/16 x 51-3/16 in.
Foot Print (Length/Width)..... 76 x 21-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 3248 lbs.
Length/Width/Height..... 82 x 33 x 65 in.

Electrical:

Minimum Circuit Size..... 20 amp
Switch..... Jog Button and Emergency Stop
Switch Voltage..... 220V
Cord Length..... 6 ft.
Cord Gauge..... 12 gauge
Plug Included..... No
Phase Converter..... G7978

Motors:

Spindle

Type..... 2-Speed Induction
Horsepower..... 3 - 4 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 17/8.5A
Speed..... 1750/875 RPM
Cycle..... 60 Hz
Number Of Speeds..... 2
Power Transfer Belt Drive to Gear
Bearings..... Shielded and Lubricated for Life

Coolant

Type..... Induction
Horsepower..... 1/8 HP
Voltage..... 220V
Prewired..... 220V
Phase..... Three
Amps..... 0.45A
Speed..... 3450 RPM
Cycle..... 60 Hz
Number Of Speeds..... 1
Power Transfer Direct Drive
Bearings..... Shielded and Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed.....	16 in.
Dist Between Centers.....	40 in.
Swing Over Cross Slide.....	10 in.
Swing Over Saddle.....	9-7/8 in.
Swing Over Gap.....	22 in.
Max Tool Bit Size.....	3/4 in.
Compound Travel.....	5-1/2 in.
Carriage Travel.....	33 in.
Cross Slide Travel.....	8-1/2 in.

Headstock Info

Spindle Bore.....	2 in.
Spindle Size.....	3-9/64 in.
Spindle Taper.....	MT#6
No Of Spindle Speeds.....	16
Spindle Speeds.....	45 - 1800 RPM
Spindle Type.....	D1-6 Camlock
Spindle Bearings.....	Super High Precision
Spindle Length.....	19-1/2 in.
Spindle Length with 3-Jaw Chuck.....	25-5/8 in.
Spindle Length with 4-Jaw Chuck.....	23-3/4 in.

Tailstock Info

Tailstock Travel.....	4-3/4 in.
Tailstock Taper.....	MT#4
Tailstock Barrel Diameter.....	2 in.

Threading Info

No Of Inch Threads.....	45
Range Of Inch Threads.....	2 - 72 TPI
Range Of Longitudinal Feeds.....	0.002 - 0.067 in.
No Of Longitudinal Feeds.....	17
No Of Cross Feeds.....	17
Range Of Cross Feeds.....	0.0011 - 0.038 in./rev.
No Of Metric Threads.....	39
Range Of Metric Threads.....	0.2 - 14 mm
No Of Modular Threads.....	18
Range Of Modular Threads.....	0.3 - 3.5 MP
No Of Diametrical Threads.....	21
Range Of Diametrical Threads.....	8 - 44 DP

Dimensions

Bed Width.....	10 in.
Leadscrew TPI.....	4
Leadscrew Length.....	54 in.
Steady Rest Capacity.....	1/2 - 4-1/2 in.
Follow Rest Capacity.....	1/2 - 2-1/2 in.
Faceplate Size.....	14 in.
Leadscrew Diameter.....	1.120 in.
Feed Rod Diameter.....	0.745 in.
Floor To Center Height.....	47 in.
Height With Leveling Jacks.....	53-1/2 in.

Construction

Base Construction.....	Cast Iron
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.....	3.077
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Other Specifications:

Country Of Origin	China
Warranty	1 Year
Serial Number Location	Front of Headstock
Assembly Time	2 hours

Features:

- Precision Gound and Hardened V-bed is Made of Meehanite Casting
- Totally Enclosed Universal Gearbox Allows Cutting of Inch, Metric, Whitworth, Modular and Diametral Threads
- Headstock Gears Runs in an Oil Bath and are Hardened and Precision Ground for Smooth, Quiet and Vibration
- Dual Inch/Metric Dials
- Halogen Light
- Coolant System
- Full Length Splash Guard
- Steady Rest and Follow Rest have Roller Tips
- Dual Coolant Nozzles for Chambering Barrels
- Extra Long Tailstock for Support
- Tailstock can be Tightened with a Torque Wrench for Precise Alignment of Centers (1/2" SQ Drive)
- Four Brass Tipper Bolts for Supporting Gun Barrels
- Length Through Spindle with Face Plate Mounted - 21-3/4"
- Length Through Spindle with 4 Jaw Chuck Mounted - 24-7/16"
- Spindle Length - 20-1/2"
- Minimum Gun Barrel Length Through Spindle Using 4 Jaw Chuck 26"

Accessories Included:

- #4 to 6 Morse Taper Spindle Nose Sleeve
- 12" 4-Jaw Chuck
- 14" Face Plate
- 8" 3-Jaw Chuck
- Center Sleeve
- Centers
- Follow Rest with Roller Tips
- MT#4 Dead Center
- Quick Change Tool Post
- Service Tools
- Steady Rest with Roller Tips
- Toolbox



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