CORPORATE HEADQUARTERS
P.O. BOX 2069, BELLINGHAM, WA, U.S.A.
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Introducing the Grizzly Model G0824
14" x 40" Gunsmith Lathe with 2" Spindle Bore & DRO

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

- 2.5 HP, 220V, 10A, single-phase motor.
- 14" Swing over bed, 8 13/16" swing over cross slide, and 40" distance between centers.
- D1-5 camlock spindle with MT#6 taper, 2.01" (51mm) bore, and 8 speeds from 70–2000 RPM.
- Outboard spindle "spider" support with 4 brass-tipped bolts.
- X- and Z-axis DRO, quick-change spindle speed and enclosed gearbox controls, built-in coolant system, LED worklight, and foot brake with motor shut-off switch.
- Tailstock can be locked down with a torque wrench for precise alignment of centers.
- Weighs approximately 1300 lbs.

The Model G0824 is available for an introductory price of $5395 (reg. $6900) and 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 G0824 14" X 40" GUNSMITH LATHE WITH 2" SPINDLE BORE

Product Dimensions:

Weight	1300 lbs.
Width (side-to-side) x Depth (front-to-back) x Height	78 x 31 x 61-1/2 in.
Footprint (Length x Width)	71 x 16 in.

Shipping Dimensions:

Type	Wood Crate
Content	Machine
Weight	1550 lbs.
Length x Width x Height	76 x 33 x 61 in.
Must Ship Upright	Yes

Electrical:

Power Requirement	220V, Single-Phase, 60 Hz
Full-Load Current Rating	10.45A
Minimum Circuit Size	15A
Connection Type	Cord & Plug
Power Cord Included	Yes
Power Cord Length	6 ft.
Power Cord Gauge	14 AWG
Plug Included	Yes
Included Plug Type	6-15
Switch Type	Control Panel w/Magnetic Switch Protection

Motors:

Coolant Pump

Type	TEFC Induction
Horsepower	40W
Phase	Single-Phase
Amps	0.45A
Power Transfer	Direct Drive
Bearings	Shielded & Permanently Lubricated

Main

Type	TEFC Capacitor-Start Induction
Horsepower	2.5 HP
Phase	Single-Phase
Amps	10A
Speed	1720 RPM
Power Transfer	Belt Drive
Bearings	Shielded & Permanently Lubricated

Main Specifications:

Operation Info

Swing Over Bed	14 in.
Distance Between Centers	40 in.
Swing Over Cross Slide	8-13/16 in.
Swing Over Saddle	13-13/16 in.
Swing Over Gap	19-3/4 in.
Maximum Tool Bit Size	5/8 in.
Compound Travel	3-7/8 in.
Carriage Travel	36 in.
Cross Slide Travel	6-11/16 in.

Headstock Info

Spindle Bore	2.01 in. (51mm)
Spindle Taper	MT#6
Number of Spindle Speeds	8
Spindle Speeds	70 – 2000 RPM
Spindle Type	D1-5 Camlock
Spindle Bearings	High-Precision Tapered Roller
Spindle Length	17-1/4 in.
Spindle Length with 3-Jaw Chuck	22 in.
Spindle Length with 4-Jaw Chuck	21-1/2 in.
Spindle Length with Faceplate	20-1/2 in.

Tailstock Info

Tailstock Quill Travel	3-15/16 in.
Tailstock Taper	MT#3
Tailstock Barrel Diameter	1-21/32 in.

Threading Info

Number of Longitudinal Feeds	32
Range of Longitudinal Feeds	0.002 – 0.0548 in./rev.
Number of Cross Feeds	32
Range of Cross Feeds	0.0007 – 0.0187 in./rev.
Number of Inch Threads	34
Range of Inch Threads	4 – 56 TPI
Number of Metric Threads	26
Range of Metric Threads	0.4 – 7 mm

Dimensions

Bed Width	7-3/8 in.
Carriage Leadscrew Diameter	7/8 in.
Leadscrew TPI	8 TPI
Carriage Leadscrew Length	50 in.
Steady Rest Capacity	3/8 – 2-3/4 in.
Follow Rest Capacity	3/8 – 2-3/8 in.
Faceplate Size	11 in.
Feed Rod Diameter	3/4 in.
Floor to Center Height	45-1/2 in.

Construction

Headstock	Cast Iron
End Gears	Flame-Hardened Steel
Bed	Induction-Hardened Cast Iron
Body	Cast Iron
Stand	Steel
Paint Type/Finish	Epoxy

Fluid Capacities

Headstock Capacity	4.2 qt.
Headstock Fluid Type	ISO 32 (e.g. Grizzly T23963, Mobile DTE Light)
Gearbox Capacity	2.1 qt.
Gearbox Fluid Type	ISO 68 (e.g. Grizzly T23962, Mobile Vactra 2)
Apron Capacity	1 qt.
Apron Fluid Type	ISO 68 (e.g. Grizzly T23962, Mobile Vactra 2)
Coolant Capacity	10 qt.

Other Specifications:

Country of Origin	China
Warranty	1 Year
Approximate Assembly & Setup Time	2 Hours
Serial Number Location	ID Label
Sound Rating	82 dB
ISO 9001 Factory	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL)	No

Features:

X- & Z-Axis DRO
Removable Bed Gap
Quick-Change Spindle Speed and Gearbox Controls
On/Off Reverse Spindle Switch on Carriage
Adjustable Halogen Work Light
Steady and Follow Rests with Roller Bearing Supports
Outboard Spindle Support Spider with 4 Brass-Tipped Bolts
Foot Brake with Motor Shut-Off Switch
Built-In Coolant System
D1-5 Camlock Spindle Nose
7 in. 3-Jaw Chuck
Pull-Out Chip Tray
Full-Length Splash Guard
200-Series Quick-Change Tool Post

Accessories Included:

7 in. 3-Jaw Universal Chuck with 2 Sets of Jaws
8 in. 4-Jaw Independent Chuck with Reversible Jaws
Steady and Follow Rests with Roller Bearing Supports
11 in. Faceplate
Carbide-Tipped MT#3 Dead Center
Standard MT#3 Dead Center
Set of 8 Change Gears
1/2" Drill Chuck w/MT#3 Arbor
MT#6-MT#3 Adapter Sleeve
Toolbox with Service Tools