



MACHINE DATA SHEET

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

MODEL G0709 14" X 40" GUNSMITHING GEARHEAD LATHE

Product Dimensions:

Weight..... 1300 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 71-1/2 x 26-3/16 x 52 in.
Footprint (Length x Width)..... 70-3/8 x 15-3/4 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 1550 lbs.
Length x Width x Height..... 76 x 30 x 61 in.

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Prewired Voltage..... 220V
Full-Load Current Rating..... 10A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... No
Plug Included..... No
Recommended Plug Type..... 6-15
Switch Type..... Control Panel w/Magnetic Switch Protection

Motors:

Main

Horsepower..... 2 HP
Phase..... Single-Phase
Amps..... 10A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated
Centrifugal Switch/Contacts Type..... Internal

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..... 19.75 in.
Maximum Tool Bit Size..... 5/8 in.
Compound Travel..... 3-9/16 in.
Carriage Travel..... 36 in.
Cross Slide Travel..... 6-11/16 in.

Headstock Info

Spindle Bore.....	1.57 in.
Spindle Taper.....	MT#5
Number of Spindle Speeds.....	8
Spindle Speeds.....	70 – 2000 RPM
Spindle Type.....	D1-5 Camlock
Spindle Bearings.....	NSK Tapered Roller
Spindle Length.....	17 in.
Spindle Length with 3-Jaw Chuck.....	21-7/8 in.
Spindle Length with 4-Jaw Chuck.....	21-1/4 in.
Spindle Length with Faceplate.....	18-1/2 in.

Tailstock Info

Tailstock Quill Travel.....	3-15/16 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1.656 in.

Threading Info

Number of Longitudinal Feeds.....	24
Range of Longitudinal Feeds.....	0.00168 – 0.1175 in./rev.
Number of Cross Feeds.....	32
Range of Cross Feeds.....	0.00046 – 0.03231 in./rev
Number of Inch Threads.....	42
Range of Inch Threads.....	4 – 112 TPI
Number of Metric Threads.....	44
Range of Metric Threads.....	0.1 – 7.0 mm
Number of Modular Pitches.....	34
Range of Modular Pitches.....	0.1 – 1.75 MP
Number of Diametral Pitches.....	25
Range of Diametral Pitches.....	16 – 112 DP

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 in.

Construction

Base.....	Steel
Headstock.....	Cast Iron
End Gears.....	Flame-Hardened Steel
Bed.....	Induction-Hardened, Precision-Ground Cast Iron
Body.....	Cast Iron
Stand.....	Steel
Paint Type/Finish.....	Epoxy

Fluid Capacities

Headstock Capacity.....	4 qt.
Headstock Fluid Type.....	ISO 32 (eg. Grizzly T23963, Mobil DTE Light)
Gearbox Capacity.....	26 oz.
Gearbox Fluid Type.....	ISO 68 (eg. Grizzly T23962, Mobil Vactra 2)
Apron Capacity.....	7 oz.
Apron Fluid Type.....	ISO 68 (eg. Grizzly T23962, Mobil Vactra 2)
Coolant Capacity.....	10 qt.

Other Specifications:

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

Features:

- NSK precision tapered roller spindle bearings
- Flame hardened headstock gears
- Induction-hardened and precision-ground cast-iron bed
- Coolant system
- Adjustable halogen work light
- Foot brake with motor shut-off switch
- Full-length splash guard
- Pull-out chip tray
- 200-Series quick-change tool post
- Outboard spindle spider mount with 4 brass-tipped screws
- Cast-iron cabinet stands
- Fully enclosed quick-change gearbox
- Tailstock offset V-slide with wrench locking socket
- D1-5 Camlock Spindle

Accessories Included:

- 6" 3-Jaw chuck with reversible jaws
- 8" 4-Jaw chuck with independent jaws
- 11" Faceplate
- MT#3 live center
- Standard MT#3 dead center
- Carbide-tipped MT#3 dead center
- MT#5-MT#3 sleeve
- 1/2" Drill chuck with MT#3 arbor
- Tailstock wrench
- Service tools
- Toolbox