



# MACHINE DATA SHEET

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

## MODEL G0776 13" X 40" GUNSMITHING LATHE WITH DRO

### Product Dimensions:

Weight..... 1280 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 74-1/2 x 31 x 58 in.  
Footprint (Length x Width)..... 70-1/2 x 19-3/4 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1370 lbs.  
Length x Width x Height..... 74 x 30 x 60 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 8.5A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6.5 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... No  
Recommended Plug Type..... 6-15  
Switch Type..... Control Panel w/Magnetic Switch Protection

### Motors:

#### Spindle

Horsepower..... 2 HP  
Phase..... Single-Phase  
Amps..... 8.5A  
Speed..... 1720 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Sealed  
Centrifugal Switch/Contacts Type..... Internal

### Main Specifications:

#### Operation Info

Swing Over Bed..... 13.70 in.  
Distance Between Centers..... 40 in.  
Swing Over Cross Slide..... 7.71 in.  
Swing Over Saddle..... 11.75 in.  
Swing Over Gap..... 18.50 in.  
Maximum Tool Bit Size..... 5/8 in.  
Compound Travel..... 3-1/4 in.  
Carriage Travel..... 33 in.  
Cross Slide Travel..... 5-7/8 in.

### Headstock Info

Spindle Bore.....	1.57 in. (40 mm)
Spindle Taper.....	MT#5
Spindle Threads.....	M42 X 1.5 mm
Number of Spindle Speeds.....	8
Spindle Speeds.....	70 – 2000 RPM
Spindle Type.....	D1-4
Spindle Bearings.....	Tapered Roller
Spindle Length.....	16-5/16 in.
Spindle Length with 3-Jaw Chuck.....	21-3/16 in.
Spindle Length with 4-Jaw Chuck.....	20-1/2 in.
Spindle Length with Faceplate.....	17-3/4 in.

### Tailstock Info

Tailstock Quill Travel.....	4 in.
Tailstock Taper.....	MT#3
Tailstock Barrel Diameter.....	1-1/4 in.

### Threading Info

Number of Longitudinal Feeds.....	48
Range of Longitudinal Feeds.....	0.0019 – 0.0472 in./rev.
Number of Cross Feeds.....	36
Range of Cross Feeds.....	0.0014 – 0.0116 in./rev.
Number of Inch Threads.....	36
Range of Inch Threads.....	4 – 60 TPI
Number of Metric Threads.....	32
Range of Metric Threads.....	0.4 – 7 mm

### Dimensions

Bed Width.....	7-1/16 in.
Carriage Leadscrew Diameter.....	0.866 in.
Leadscrew TPI.....	8 TPI
Carriage Leadscrew Length.....	44-1/2 in.
Steady Rest Capacity.....	0.31 – 2.95 in.
Follow Rest Capacity.....	0.31 – 2.16 in.
Faceplate Size.....	10 in.
Feed Rod Diameter.....	0.787 in.
Floor to Center Height.....	45-11/16 in.

### Other

Carriage Handwheel Graduations.....	0.02 in.
Carriage Handwheel Revolution.....	0.66 in.
Cross Slide Handwheel Graduations.....	0.002 in.
Cross Slide Handwheel Revolution.....	0.2 in.
Compound Handwheel Graduations.....	0.001 in.
Compound Handwheel Revolution.....	0.1 in.
Tailstock Handwheel Graduations.....	0.001 in.
Tailstock Handwheel Revolution.....	0.1 in.

### Construction

Base.....	Steel
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..... 2.3 qt.  
 Headstock Fluid Type..... ISO 32 (eg. Grizzly T23963, Mobil DTE Light)  
 Gearbox Capacity..... 0.68 qt.  
 Gearbox Fluid Type..... ISO 68 (SB1365, Grizzly T23962, Mobil Vactra 2)  
 Apron Capacity..... 0.23 qt.  
 Apron Fluid Type..... ISO 68 (eg. Grizzly T23962, Mobil Vactra 2)  
 Coolant Capacity..... 7.4 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:**

- D1-4 Camlock Spindle
- Quick-Change Gearbox
- Convenient Pull-Out Chip Tray
- Spindle Spider for Outboard Projects
- Full-Length Splash Guard
- Built-In Coolant System
- Foot Brake with Motor Shut-Off Switch
- Adjustable Halogen Work Light
- Flame-Hardened Headstock Gears
- Quick-Change Tool Post on Compound Rest
- 2-Axis Digital Readout

**Accessories Included:**

- 6" Self-Centering 3-Jaw Chuck
- 8" Independent 4-Jaw Chuck
- 10" Face Plate
- Steady Rest
- Follow Rest
- Quick-Change Tool Post
- Tool Box w/Service Tools
- Change Gears: 52T, 44T, 38T, 26T, 22T
- 2 MT#3 Dead Centers