



# MACHINE DATA SHEET

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

## MODEL G0602 10" X 22" BENCH TOP METAL LATHE

### Product Dimensions:

Weight..... 330 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 46 x 22 x 16-5/8 in.  
 Footprint (Length x Width)..... 47-1/2 x 12-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 432 lbs.  
 Length x Width x Height..... 50 x 23 x 22 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz  
 Prewired Voltage..... 110V  
 Full-Load Current Rating..... 13.6A  
 Minimum Circuit Size..... 20A  
 Connection Type..... Cord & Plug  
 Power Cord Included..... Yes  
 Power Cord Length..... 5 ft.  
 Power Cord Gauge..... 16 AWG  
 Plug Included..... Yes  
 Included Plug Type..... 5-15  
 Switch Type..... Forward/Reverse & Button Switches

### Motors:

#### Main

Horsepower..... 1 HP  
 Phase..... Single-Phase  
 Amps..... 13.6A  
 Speed..... 1725 RPM  
 Type..... TEFC Capacitor-Start Induction  
 Power Transfer..... Belt Drive  
 Bearings..... Shielded & Permanently Lubricated

### Main Specifications:

#### Operation Info

Swing Over Bed..... 9-1/2 in.  
 Distance Between Centers..... 22 in.  
 Swing Over Cross Slide..... 6-1/8 in.  
 Swing Over Saddle..... 6-1/8 in.  
 Maximum Tool Bit Size..... 1/2 in.  
 Compound Travel..... 3-1/2 in.  
 Carriage Travel..... 18-1/2 in.  
 Cross Slide Travel..... 6-1/2 in.

**Headstock Info**

Spindle Bore..... 1 in.  
Spindle Size..... 1-3/4 in.  
Spindle Taper..... MT#4  
Spindle Threads..... 8 TPI  
Number of Spindle Speeds..... 6  
Spindle Speeds..... 150 – 2400 RPM  
Spindle Type..... Threaded  
Spindle Bearings..... Tapered Roller

**Tailstock Info**

Tailstock Quill Travel..... 2-1/2 in.  
Tailstock Taper..... MT#3  
Tailstock Barrel Diameter..... 1.25 in.

**Threading Info**

Number of Longitudinal Feeds..... 9  
Range of Longitudinal Feeds..... 0.0025 – 0.0140 in./rev.  
Number of Inch Threads..... 33  
Range of Inch Threads..... 8 – 72 TPI  
Number of Metric Threads..... 26  
Range of Metric Threads..... 0.25 – 3.50 mm

**Dimensions**

Bed Width..... 6-1/8 in.  
Carriage Leadscrew Diameter..... 3/4 in.  
Leadscrew TPI..... 12 TPI  
Carriage Leadscrew Length..... 34 in.  
Steady Rest Capacity..... 1/4 – 2 in.  
Follow Rest Capacity..... 1/4 – 2 in.  
Faceplate Size..... 8 in.

**Construction**

Base..... Cast Iron  
Headstock..... Cast Iron  
End Gears..... Steel  
Bed..... Hardened and Precision-Ground Cast Iron  
Body..... Cast Iron  
Paint Type/Finish..... Epoxy

**Other Specifications:**

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

**Features:**

Hardened and Ground V-Ways  
Chip Tray Included  
Back Splash  
Full Featured Carriage and Apron Assemblies Provide Super Accurate Cuts and Finishes

**Accessories Included:**

4-Way Tool Post  
5" 3-Jaw Chuck with Two Sets of Jaws  
6-1/2" 4-Jaw Chuck with Reversible Jaws  
Face Plate  
Follow Rest  
MT#3 Dead Center  
Steady Rest  
Tool Box with Tool Kit