



# MACHINE DATA SHEET

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

## MODEL G0752Z 10" X 22" VS BENCHTOP LATHE WITH 2-AXIS DRO

### Product Dimensions:

Weight..... 330 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 50-1/2 x 22 x 20 in.  
Footprint (Length x Width)..... 47-1/2 x 12-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 453 lbs.  
Length x Width x Height..... 50 x 23 x 22 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 12A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 5 ft.  
Power Cord Gauge..... 14 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15  
Switch Type..... Forward/Reverse & Button Switches w/Magnetic Switch Protection  
Inverter (VFD) Type..... Delta VFD-E

### Motors:

#### Main

Horsepower..... 1 HP  
Phase..... 3-Phase  
Amps..... 12A  
Speed..... 1725 RPM  
Type..... TEFC Induction  
Power Transfer ..... Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

### 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..... 25 mm  
Spindle Size..... 1-3/4 in.  
Spindle Taper..... MT#4  
Spindle Threads..... 8 TPI  
Number of Spindle Speeds..... Variable  
Spindle Speeds..... 100 – 2000 RPM  
Spindle Type..... Threaded  
Spindle Bearings..... Tapered Roller

**Tailstock Info**

Tailstock Quill Travel..... 2-1/2 in.  
Tailstock Taper..... MT#3  
Tailstock Barrel Diameter..... 1-1/4 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  
ISO 9001 Factory ..... No  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**Features:**

2-Axis DRO w/ 0.001" Resolution  
Hardened and Ground V-Way Bed  
Chip Tray and Backsplash Included  
Electronic Variable Spindle-Speed Control w/Digital Tachometer  
Oil-Bath Gearbox

**Accessories Included:**

5" 3-Jaw Universal Chuck w/2 Sets of Jaws  
6-1/2" 4-Jaw Independent Chuck w/Reversible Jaws  
Steady Rest  
Follow Rest  
8" Faceplate  
4-Way Tool Post  
MT#3 Dead Center  
Tool Box w/Service Tools