



# MACHINE DATA SHEET

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

## MODEL G0768 8" X 16" VARIABLE-SPEED LATHE

### Product Dimensions:

Weight..... 144 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 36 x 16 x 14 in.  
Footprint (Length x Width)..... 31-1/2 x 10-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 166 lbs.  
Length x Width x Height..... 36 x 19 x 17 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 10A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 16 AWG  
Plug Included..... Yes  
Included Plug Type..... 5-15  
Switch Type..... ON/OFF Push Button Switch w/Safety Cover

### Motors:

#### Main

Type..... Universal Brush-Type  
Horsepower..... 600W (3/4 HP)  
Phase..... Single-Phase  
Amps..... 10A  
Speed..... 5250 RPM  
Power Transfer ..... Belt Drive  
Bearings..... Shielded & Permanently Lubricated

### Main Specifications:

#### Operation Info

Swing Over Bed..... 8-1/4 in.  
Distance Between Centers..... 15-3/4 in.  
Swing Over Cross Slide..... 4-5/8 in.  
Swing Over Saddle..... 6-7/8 in.  
Maximum Tool Bit Size..... 3/8 in.  
Compound Travel..... 2-1/8 in.  
Carriage Travel..... 15-3/4 in.  
Cross Slide Travel..... 3 in.

## Headstock Info

Spindle Bore.....	0.787 in.
Spindle Taper.....	MT#3
Number of Spindle Speeds.....	Variable
Spindle Speeds.....	50 – 1000, 100 – 2000 RPM
Spindle Type.....	Intrinsic Back Plate
Spindle Bearings.....	Tapered Roller
Spindle Length.....	8-5/8 in.
Spindle Length with 3-Jaw Chuck.....	10-5/8 in.
Spindle Length with 4-Jaw Chuck.....	10-5/8 in.
Spindle Length with Faceplate.....	9-3/4 in.

## Tailstock Info

Tailstock Quill Travel.....	2 in.
Tailstock Taper.....	MT#2
Tailstock Barrel Diameter.....	0.87 in.

## Threading Info

Number of Longitudinal Feeds.....	2
Range of Longitudinal Feeds.....	0.0037, 0.0068 in./rev.
Number of Inch Threads.....	15
Range of Inch Threads.....	9 – 44 TPI
Number of Metric Threads.....	12
Range of Metric Threads.....	0.4 – 3.0 mm

## Dimensions

Bed Width.....	4 in.
Carriage Leadscrew Diameter.....	5/8 in.
Leadscrew TPI.....	12 TPI
Carriage Leadscrew Length.....	22 in.
Steady Rest Capacity.....	1/4 – 1-1/4 in.
Follow Rest Capacity.....	1/4 – 1-1/4 in.
Floor to Center Height.....	8-1/2 in.

## Other

Optional Stand.....	Model T26599
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## Construction

Base.....	Cast Iron
Headstock.....	Cast Iron
End Gears.....	Steel
Bed.....	Precision-Ground 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 .....	Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

- Convenient quick-locking tailstock
- Chip tray and full-length back splash
- Emergency stop
- Thread dial indicator
- Electronic variable-speed spindle control w/digital readout
- Handwheel dials graduated in inches
- Belt drive offers lathe low speed range of 50 – 1000 RPM, and high speed range of 100 – 2000 RPM

**Accessories Included:**

- 4" 3-jaw scroll chuck with two sets of jaws
- 4" 4-jaw independent chuck with reversible jaws
- 6-3/4" faceplate
- 4-way turret tool post
- Follow rest
- Steady rest
- Tool box with service tools
- Bottle for oil
- Replacement fuse
- MT#2 and MT#3 dead centers