



# MACHINE DATA SHEET

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

## MODEL G0769 8" X 16" VARIABLE-SPEED LATHE WITH MILLING HEAD

### Product Dimensions:

Weight..... 234 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 36 x 20 x 34 in.  
Footprint (Length x Width)..... 31-1/2 x 10-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 287 lbs.  
Length x Width x Height..... 36 x 23 x 35 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:

#### Lathe Spindle

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

#### Mill Spindle

Horsepower..... 600W (3/4 HP)  
Phase..... Single-Phase  
Amps..... 10A  
Speed..... 4800 RPM  
Type..... Universal Brush-Type  
Power Transfer ..... Gear Drive  
Bearings..... Shielded & Permanently Sealed

**Main Specifications:**

**Lathe 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.
Spindle Bore.....	0.787 in. (20mm)
Spindle Taper.....	MT#3
Number Of Spindle Speeds.....	Variable
Spindle Speeds.....	50 – 1000, 100 – 2000 RPM
Spindle Type.....	Intrinsic Back Plate
Tailstock Quill Travel.....	2 in.
Tailstock Taper.....	MT#2
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

**Mill Info**

Mill Taper.....	MT#2
Mill Spindle Travel.....	1-3/4 in.
Mill Swing.....	13 in.
Distance Spindle To Work Table.....	9-7/8 in.
Distance Spindle To Bed.....	11-1/2 in.
Distance Spindle To Center Line.....	7-3/4 in.
Mill Head Vertical Travel.....	6-5/16 in.
Mill Head Tilt (Left/Right).....	Left 45, Right 45 deg.
Maximum Tool Bit Size.....	1/2 in.
Drilling Capacity For Steel.....	1/2 in.
Drilling Capacity For Cast Iron.....	1/2 in.
Table Size Length.....	7-1/4 in.
Table Size Width.....	3-1/8 in.
Table Size Thickness.....	1-1/8 in.
Number of T-Slots.....	2
T-Slot Size.....	1/4 in.
T-Slot Centers.....	1-1/2 in.
Drawbar Diameter.....	3/8 in.
Drawbar TPI.....	16 TPI
Drawbar Length.....	8-1/2 in.
Number of Mill Drill Speeds.....	2
Mill Speed Range.....	50 – 2000 RPM

**Construction**

Bed.....	Cast Iron
Headstock.....	Cast Iron
Body.....	Cast Iron
End Gears.....	Steel
Paint Type/Finish.....	Epoxy

**Other**

Bed Width.....	4 in.
Carriage Leadscrew Diameter.....	5/8 in.
Carriage Leadscrew TPI.....	12 TPI
Carriage Leadscrew Length.....	23-3/4 in.
Cross Slide Leadscrew Diameter.....	3/8 in.
Cross Slide Leadscrew TPI.....	16 TPI
Cross Slide Leadscrew Length.....	9-1/2 in.
Coolant System.....	No
Optional Stand.....	Model T26599

**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:**

- Chip tray and full length splash guard
- Emergency stop
- Thread dial indicator
- Electronic variable speed control w/digital readout
- Includes 1/2" B-16 drill chuck
- Fine spindle downfeed
- Dovetail column
- Dials in inches
- T-slots in cross slide
- Belt drive offers low speed range of 50 – 1000 RPM, and high speed range of 100 – 2000 RPM
- Convenient quick-locking tailstock

**Accessories Included:**

- 4" 3-jaw chuck with two sets of jaws
- 4" 4-jaw chuck with reversible jaws
- 4-way turret tool post
- 6-3/4" faceplate
- Follow rest
- Steady rest
- Tool box
- Complete set of change gears
- Service wrenches
- Bottle for oil
- MT#2 and MT#3 dead centers

**Accessories Recommended:**

- T26599 Optional Stand for G0768 and G0769