



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 BENCHTOP LATHE

Product Dimensions:

Weight..... 186 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

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

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

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