



MACHINE DATA SHEET

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

MODEL G0602 10" X 22" BENCHTOP 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
Centrifugal Switch/Contacts Type..... Internal

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..... 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..... 31
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