



MACHINE DATA SHEET

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

MODEL G0602Z 10" X 22" BENCHTOP METAL LATHE WITH DRO

Product Dimensions:

Weight..... 330 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 46 x 22 x 21 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
Full-Load Current Rating..... 13.6A
Minimum Circuit Size..... 20A
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..... Forward/Reverse & Button Switches w/Magnetic Switch Protection

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 & 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:

X/Z-Axis DRO w/ resolution of 0.001"
Enclosed Oil-Bath Gearbox
Spindle Reversing Switch
Hardened and Ground V-Ways
4-Way Turret Tool Post
Chip Tray and Back Splash Included

Accessories Included:

5" 3-Jaw Chuck with Two Sets of Jaws
6-1/2" 4-Jaw Chuck with Reversible Jaws
Steady Rest
Follow Rest
8" Faceplate
4-Way Tool Post
MT#3 Dead Center
Toolbox with Tool Kit