



MACHINE DATA SHEET

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

MODEL G9972Z 11" X 26" BENCHTOP METAL LATHE

Product Dimensions:

Weight..... 490 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 51 x 23 x 19 in.
Footprint (Length x Width)..... 51 x 18 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 560 lbs.
Length x Width x Height..... 58 x 30 x 26 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..... 4 ft.
Power Cord Gauge..... 12 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... ON/OFF Push Button Switch w/Safety Cover

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..... 10-1/2 in.
Distance Between Centers..... 26 in.
Swing Over Cross Slide..... 6-3/8 in.
Swing Over Saddle..... 6-3/8 in.
Maximum Tool Bit Size..... 1/2 in.
Compound Travel..... 3-1/2 in.
Carriage Travel..... 23 in.
Cross Slide Travel..... 7 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..... 1.125 in.

Threading Info

Number of Longitudinal Feeds..... 12
Range of Longitudinal Feeds..... 0.0022 – 0.0150 in./rev.
Number of Inch Threads..... 24
Range of Inch Threads..... 8 – 56 TPI
Number of Metric Threads..... 10
Range of Metric Threads..... 0.5 – 3.0 mm

Dimensions

Bed Width..... 6 in.
Carriage Leadscrew Diameter..... 3/4 in.
Leadscrew TPI..... 8 TPI
Carriage Leadscrew Length..... 34-1/2 in.
Steady Rest Capacity..... 1/4 – 2 in.
Follow Rest Capacity..... 1/4 – 2 in.
Faceplate Size..... 8 in.

Other

Optional Stand..... G9973

Construction

Base..... Formed Steel
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

Features:

- Easy to Read Control Panel
- Emergency Stop
- Long Bed Accommodates 26" Between Centers
- Threading Dial

Accessories Included:

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