



MACHINE DATA SHEET

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

MODEL G0632Z 16" X 42" VARIABLE-SPEED WOOD LATHE

Product Dimensions:

Weight..... 386 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 77-1/2 x 22-1/2 x 47 in.
Footprint (Length x Width)..... 60 x 17-1/2 in.

Shipping Dimensions:

Type..... Wood Crate
Content..... Machine
Weight..... 394 lbs.
Length x Width x Height..... 61 x 18 x 22 in.
Must Ship Upright..... Yes

Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 8A
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
Recommended Plug Type..... NEMA 6-15P
Switch Type..... Sealed Rocker Switch
Inverter (VFD) Type..... ATV-13
Inverter (VFD) Size..... 2 HP

Motors:

Main

Horsepower..... 2 HP
Phase..... 3-Phase
Amps..... 8A
Speed..... 1745 RPM
Type..... TEFC Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications:

Operation Information

Swing Over Bed..... 16 in.
Swing Over Tool Rest Base..... 11-1/2 in.
Distance Between Centers..... 42 in.
Max. Distance Tool Rest to Spindle Center..... 6 in.
No of Spindle Speeds..... Variable
Spindle Speed Range..... 100 – 3200 RPM
Floor to Center Height..... 44-1/2 in.
Headstock Rotation..... 0, 45, 90, 135, 180 deg.

Spindle Information

Spindle Taper..... MT#2
Spindle Thread Size..... 1-1/4" x 8 TPI
Spindle Thread Direction..... Right Hand
Spindle Bore..... 0.445 in.
Type of Included Spindle Center..... Spur
Indexed Spindle Increments..... 10 deg.
No of Indexes..... 12

Tool Rest Information

Tool Rest Width..... 14-1/8 in.
Tool Rest Post Diameter..... 1 in.
Tool Rest Post Length..... 2-9/16 in.
Tool Rest Base Height..... 2-1/8 in.

Tailstock Information

Tailstock Taper..... MT#2
Type of Included Tailstock Center..... Live

Construction

Bed..... Precision-Ground Steel
Frame..... Cast Iron
Stand..... Steel
Base..... Cast Iron
Headstock..... Cast Iron
Tailstock..... Cast Iron
Paint Type/Finish..... Enamel

Other Related Information

Bed Width..... 7 in.
Faceplate Size..... 6 in.

Other Specifications:

Country of Origin China
Warranty 1 Year
Approximate Assembly & Setup Time 30 Minutes
Serial Number Location ID Label

Features:

Electronic Variable Speed Control
Digital Spindle Speed Indicator
30 deg. Direct Indexing Using One Indexing Hole
10 deg. Indexing Using All Three Indexing Holes
Headstock Can Be Positioned Anywhere Along the Bed
Tailstock, Headstock, and Tool Rest Support Have Lever-Action Cam Locks For Quick Positioning
Belt Drive Offers Two Speed Ranges
Spindle Lock Pin
Outboard Spindle Handle
Forward/Reverse Switch
Emergency Stop Button
Operates a 3-Phase Motor on Single-Phase Power With Inverter

Accessories Included:

6" Face Plate
Cup Live Center
Hex Wrenches
Indexing Pin
Knock-out Tool
Spur Center