



# MACHINE DATA SHEET

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

## MODEL G0632 16" X 42" VARIABLE-SPEED WOOD LATHE

### Product Dimensions:

Weight..... 386 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 77-1/16 x 22-1/16 x 47 in.  
Footprint (Length x Width)..... 59-7/8 x 17-3/8 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  
Prewired Voltage..... 220V  
Full-Load Current Rating..... 4.7A  
Minimum Circuit Size..... 15A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 16 AWG  
Plug Included..... No  
Recommended Plug Type..... 6-15  
Switch Type..... Sealed Rocker Switch  
Inverter (VFD) Type..... Delta VFD-S  
Inverter (VFD) Size..... 1 HP

### Motors:

#### Main

Horsepower..... 1.5 HP  
Phase..... 3-Phase  
Amps..... 4.7A  
Speed..... 1725 RPM  
Type..... TEFC Induction  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

### 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..... 25 mm  
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..... Cast Iron  
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  
ISO 9001 Factory ..... No  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**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/Reversing Switch
- Emergency Stop Switch
- 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  
Tool Rest