



# MACHINE DATA SHEET

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

## MODEL G0766 22" X 42" VARIABLE-SPEED WOOD LATHE

### Product Dimensions:

Weight..... 496 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 81 x 23 x 49-1/2 in.  
Footprint (Length x Width)..... 65-1/2 x 20 in.

### Shipping Dimensions:

Type..... Wood Box  
Content..... Machine  
Weight..... 584 lbs.  
Length x Width x Height..... 69 x 24 x 25 in.

### Electrical:

Power Requirement..... 220V, Single-Phase, 60 Hz  
Full-Load Current Rating..... 16A  
Minimum Circuit Size..... 20A  
Connection Type..... Cord & Plug  
Power Cord Included..... Yes  
Power Cord Length..... 6 ft.  
Power Cord Gauge..... 12 AWG  
Plug Included..... Yes  
Included Plug Type..... NEMA 6-20  
Switch Type..... ON/OFF Push Button Switch w/Safety Cover  
Inverter (VFD) Type..... Delta VFD-M  
Inverter (VFD) Size..... 3 HP

### Motors:

#### Main

Horsepower..... 3 HP  
Phase..... 3-Phase  
Amps..... 8A  
Speed..... 1720 RPM  
Type..... TEFC Induction  
Power Transfer ..... Belt Drive  
Bearings..... Sealed & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... N/A

### Main Specifications:

#### Operation Information

Swing Over Bed..... 22 in.  
Swing Over Tool Rest Base..... 18 in.  
Distance Between Centers..... 42 in.  
Max. Distance Tool Rest to Spindle Center..... 8 in.  
No of Spindle Speeds..... Variable  
Spindle Speed Range..... 100 – 3200 RPM  
Floor to Center Height..... 45-1/2 in.

**Spindle Information**

Spindle Taper..... MT#2  
Spindle Thread Size..... 1-1/4" x 8 TPI  
Spindle Thread Direction..... Right Hand  
Spindle Bore..... 3/8 in.  
Type of Included Spindle Center..... Spur  
Indexed Spindle Increments..... 10, 30 deg.  
No of Indexes..... 24

**Tool Rest Information**

Tool Rest Width..... 14 in.  
Tool Rest Post Diameter..... 1 in.  
Tool Rest Post Length..... 2-1/4 in.  
Tool Rest Base Height..... 2 in.

**Tailstock Information**

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

**Construction**

Bed..... Cast Iron  
Frame..... Cast Iron  
Stand..... Cast Iron  
Base..... Cast Iron  
Headstock..... Cast Iron  
Tailstock..... Cast Iron  
Paint Type/Finish..... Enamel

**Other Related Information**

Bed Width..... 10 in.  
Faceplate Size..... 6 in.

**Other Specifications:**

Country of Origin ..... China  
Warranty ..... 1 Year  
Approximate Assembly & Setup Time ..... 1 Hour  
Serial Number Location ..... ID Label  
ISO 9001 Factory ..... Yes  
Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... No

**Features:**

Low speed range of 100–1200 RPM and high speed range of 330–3200 RPM  
Electronic variable-speed control with digital spindle-speed indicator  
Headstock rotates 180° and positions anywhere along the bed  
Single-phase frequency drive provides three-phase variable-speed control without three-phase power  
10° spindle indexing  
Tailstock, headstock, and tool rest support have lever-action cam locks for quick positioning  
Forward/reverse spindle control  
4-1/4" tailstock barrel travel

**Accessories Included:**

Spur center  
Cupped live center  
Knock-out tool  
Tool rest  
Faceplate 6"  
Indexing pin