



# MACHINE DATA SHEET

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

## MODEL G9977 WOOD MILL® - WOOD & METALWORKING W/ POWER FEED

### Product Dimensions:

Weight..... 1300 lbs.  
Width (side-to-side) x Depth (front-to-back) x Height..... 41-1/4 x 51 x 68-7/8 in.  
Footprint (Length x Width)..... 31-1/2 x 22 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 1610 lbs.  
Length x Width x Height..... 47 x 45 x 75 in.  
Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz  
Prewired Voltage..... 110V  
Full-Load Current Rating..... 16.4A at 110V, 8.2A at 220V  
Minimum Circuit Size..... 20A at 110V, 15A at 220V  
Plug Included..... No  
Switch Type..... Forward/Reverse Barrel Switch

### Motors:

#### Main

Horsepower..... 1.5 HP  
Phase..... Single-Phase  
Amps..... 16.4A/8.2A  
Speed..... 3450 RPM  
Type..... TEFC Capacitor-Start Induction  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded & Permanently Lubricated  
Centrifugal Switch/Contacts Type..... External

### Main Specifications:

#### Operation Info

Spindle Travel..... 3-1/2 in.  
Max Distance Spindle to Column..... 16-1/2 in.  
Max Distance Spindle to Table..... 20-7/16 in.  
Longitudinal Table Travel (X-Axis)..... 17-3/4 in.  
Cross Table Travel (Y-Axis)..... 12 in.  
Vertical Table Travel (Z-Axis)..... 16 in.  
Vertical Head Travel (Z-Axis)..... 4 in.  
Ram Travel..... 12 in.  
Turret or Column Swivel (Left/Right)..... 90 deg.  
Head Tilt (Left/Right)..... 90 deg.  
Drilling Capacity for Cast Iron..... 1-1/4 in.  
Drilling Capacity for Steel..... 1 in.  
End Milling Capacity..... 1 in.  
Face Milling Capacity..... 3 in.

**Table Info**

|   |               |
|---|---------------|
| Table Length.....                             | 33-3/4 in.    |
| Table Width.....                              | 10 in.        |
| Table Thickness.....                          | 1-5/8 in.     |
| Number of T-Slots.....                        | 3             |
| T-Slot Size.....                              | 0.55 in.      |
| T-Slots Centers.....                          | 2-1/2 in.     |
| Number of Longitudinal Feeds.....             | Variable      |
| X-Axis Table Power Feed Rate.....             | 0 – 11.67 FPM |
| X/Y-Axis Travel per Handwheel Revolution..... | 0.200 in.     |
| Z-Axis Travel per Handwheel Revolution.....   | 0.100 in.     |

**Spindle Info**

|  |                         |
|--|-------------------------|
| Spindle Taper.....                     | R8                      |
| Number of Vertical Spindle Speeds..... | 9                       |
| Range of Vertical Spindle Speeds.....  | 420 – 5000 RPM          |
| Quill Diameter.....                    | 3.140 in.               |
| Drawbar Thread Size.....               | 7/16                    |
| Drawbar Length.....                    | 10-1/2 in.              |
| Spindle Bearings.....                  | Tapered Roller Bearings |

**Construction**

|                            |                          |
|----------------------------|--------------------------|
| Spindle Housing/Quill..... | Cast Iron                |
| Table.....                 | Surface Ground Cast Iron |
| Head.....                  | Cast Iron                |
| Column/Base.....           | Cast Iron                |
| Base.....                  | Cast Iron                |
| Paint Type/Finish.....     | Enamel                   |

**Other Specifications:**

|  |                          |
|--|--------------------------|
| Country of Origin .....  | China                    |
| Warranty .....   | 1 Year                   |
| Approximate Assembly & Setup Time .....                              | 1-1/2 Hours              |
| Serial Number Location .....   | Label on Side of Machine |
| ISO 9001 Factory .....   | No                       |
| Certified by a Nationally Recognized Testing Laboratory (NRTL) ..... | No                       |

**Features:**

- Adjustable Table Stops for Accurate Stops for Cuts and Repeatability
- Precision Adjustable Depth Stop
- Work Light
- Dovetail Ways
- Solid Cast-Iron Construction Throughout
- Spindle Stop with Micro-Adjustable Setting
- Chrome-Plated Precision-Ground Quill
- Table Locks for High Rigidity
- Hardened and Ground Column and Knee Slideways
- Table Surface Hardened and Ground
- Heavy-Duty Saddle Supports Full Width of Table
- Includes Variable Speed Power Feed for Table and Automatic Power Feed Limit Switches

**Accessories Included:**

- Drawbar