



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.

Electrical:

Minimum Circuit Size..... 10 amp
Switch..... Forward/Reverse Barrel Switch
Switch Voltage..... 220V
Plug Included..... No

Motors:

Main

Type..... TEFC Capacitor Start Induction
Horsepower..... 1-1/2 HP
Voltage..... 110/220V
Phase..... Single
Amps..... 16.4/8.2A
Speed..... 3450 RPM
Cycle..... 60 Hz
Number of Speeds..... 1
Power Transfer V-Belt Drive
Bearings..... Shielded and Lubricated

Main Specifications:

Operation Info

Spindle Travel.....	3-1/2 in.
Swing.....	33 in.
Longitudinal Table Travel.....	17-3/4 in.
Cross Table Travel.....	12 in.
Vertical Table Travel.....	18 in.
Knee Travel.....	18 in.
Ram Travel.....	12 in.
Ram Swivel Angle.....	360 deg.
Head Travel.....	4 in.
Head Swivel (Left-to-Right).....	Left and Right 90 deg.
Head Swivel (Front-to-Back).....	Left and Right 90 deg.
Turret or Column Swivel (Left and Right).....	90 deg.
Maximum Distance Spindle to Column.....	16-1/2 in.
Maximum Distance Spindle to Table.....	20-7/16 in.
Drilling Capacity for Cast Iron.....	1-1/4 in.
Drilling Capacity for Steel.....	1 in.
Number of Vertical Spindle Speeds.....	9
Range of Vertical Spindle Speeds.....	420 - 5000 RPM
Number of Longitudinal Feeds.....	Variable
Feed Rate.....	0 - 140 RPM
Quill Diameter.....	3.140 in.

Table Info

Table Length.....	33-3/4 in.
Table Width.....	10 in.
Table Thickness.....	1-5/8 in.
Table Pocket Size.....	2-1/2 in.
Number of T-Slots.....	3
T-Slots Width.....	0.550 in.
T-Slots Height.....	7/8 in.
T-Slots Centers.....	2-1/2 in.
Stud Size.....	3/8 in.

Spindle Info

Spindle Taper.....	R-8
End Milling Capacity.....	1 in.
Face Milling Capacity.....	3 in.
Drawbar Diameter.....	7/16 in.
Drawbar TPI.....	20
Drawbar Length.....	10-1/2 in.
Spindle Bearings.....	Tapered Roller

Lead Screw Info

Leadscrew Diameter.....	1 in.
Leadscrew TPI.....	5
Leadscrew Length.....	42 in.

Construction

Spindle Housing/Quill.....	Cast Iron
Table.....	Surface Ground Cast Iron
Head.....	Cast Iron
Column.....	Cast Iron
Base.....	Cast Iron
Paint.....	Epoxy

Other

Collar Graduations.....	0.002 in.
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Other Specifications:

Country Of Origin China
Warranty 1 Year
Serial Number Location Machine Label on Side
Assembly Time 1-1/2 hours

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