



# MACHINE DATA SHEET

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

## MODEL G9901 9" X 42" VERTICAL MILL W/ POWER FEED

### Product Dimensions:

Weight..... 2325 lbs.  
 Width (side-to-side) x Depth (front-to-back) x Height..... 66 x 59 x 85 in.  
 Footprint (Length x Width)..... 36 x 24 in.  
 Space Required for Full Range of Movement (Width x Depth)..... 60 x 66-1/2 in.

### Shipping Dimensions:

Type..... Wood Crate  
 Content..... Machine  
 Weight..... 2380 lbs.  
 Length x Width x Height..... 55 x 51 x 79 in.  
 Must Ship Upright..... Yes

### Electrical:

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz  
 Prewired Voltage..... 220V  
 Full-Load Current Rating..... 19A at 110V, 9.5A at 220V  
 Minimum Circuit Size..... 30A at 110V, 15A at 220V  
 Connection Type..... Cord & Plug  
 Power Cord Included..... Yes  
 Power Cord Length..... 6 ft.  
 Power Cord Gauge..... 14 AWG  
 Plug Included..... No  
 Recommended Plug Type..... L5-30 for 110V, 6-15 for 220V  
 Switch Type..... Forward/Reverse Switch

### Motors:

#### Main

Horsepower..... 2 HP  
 Phase..... Single-Phase  
 Amps..... 19A/9.5A  
 Speed..... 1725 RPM  
 Type..... TEFC Capacitor-Start Induction  
 Power Transfer ..... Belt Drive  
 Bearings..... Shielded & Permanently Lubricated  
 Centrifugal Switch/Contacts Type..... External

**Main Specifications:**

**Operation Info**

Spindle Travel.....	5 in.
Max Distance Spindle to Column.....	20 in.
Max Distance Spindle to Table.....	18 in.
Longitudinal Table Travel (X-Axis).....	25-7/8 in.
Cross Table Travel (Y-Axis).....	12-1/2 in.
Vertical Table Travel (Z-Axis).....	16 in.
Vertical Head Travel (Z-Axis).....	5 in.
Ram Travel.....	12 in.
Turret or Column Swivel (Left/Right).....	360 deg.
Head Tilt (Left/Right).....	90 deg.
Head Tilt (Front/Back).....	45 deg.
Drilling Capacity for Cast Iron.....	1-1/2 in.
Drilling Capacity for Steel.....	1-1/4 in.
End Milling Capacity.....	7/8 in.
Face Milling Capacity.....	3 in.

**Table Info**

Table Length.....	42 in.
Table Width.....	9 in.
Table Thickness.....	2-3/4 in.
Number of T-Slots.....	3
T-Slot Size.....	5/8 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.....	R-8
Number of Vertical Spindle Speeds.....	8
Range of Vertical Spindle Speeds.....	78 – 2400 RPM
Quill Diameter.....	3-3/8 in.
Quill Feed Rates.....	0.0019, 0.0035, 0.0058 in./rev.
Drawbar Thread Size.....	7/16-20
Drawbar Length.....	24-3/16 in.
Spindle Bearings.....	Angular Contact Bearings

**Construction**

Spindle Housing/Quill.....	Chrome-Plated Cast Iron
Table.....	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 .....	2-1/2 Hours
Serial Number Location .....	ID Label on Front of Knee
ISO 9001 Factory .....	No
Certified by a Nationally Recognized Testing Laboratory (NRTL) .....	No

**Features:**

- One Shot Pump Lubrication
- Auto Down Feed
- Auto Stop with Micro Adjustable Stop
- Longitudinal Power Feed
- Hardened and Ground Table Surface
- Chrome-Plated Precision-Ground Quill
- Adjustable Micrometer Quill Depth Stop