



# MACHINE DATA SHEET

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

## MODEL G9905 10" X 54" VERTICAL MILL W/ POWER FEED - VS

### Product Dimensions:

Weight..... 3590 lbs.  
Length/Width/Height..... 75-1/2 x 71-1/2 x 86 in.  
Foot Print (Length/Width)..... 42 x 24-3/4 in.

### Shipping Dimensions:

Type..... Wood Crate  
Content..... Machine  
Weight..... 3677 lbs.  
Length/Width/Height..... 61 x 63 x 76 in.

### Electrical:

Switch..... Forward/Reverse  
Switch Voltage..... 220V  
Cord Length..... 6 ft.  
Cord Gauge..... 18 gauge  
Minimum Circuit Size..... 15 amp  
Plug Included..... No  
Phase Converter..... G5842

### Motors:

#### Main

Type..... TEFC Induction  
Horsepower..... 3 HP  
Voltage..... 220V  
Prewired..... 220V  
Phase..... Three  
Amps..... 9A  
Speed..... 1725 RPM  
Cycle..... 60 Hz  
Number Of Speeds..... 1  
Power Transfer ..... V-Belt Drive  
Bearings..... Shielded, Permanently Lubricated

**Main Specifications:**

**Operation Info**

Spindle Travel.....	5 in.
Swing.....	52 in.
Longitudinal Table Travel.....	33-3/4 in.
Cross Table Travel.....	15-1/2 in.
Vert. Table Travel.....	14 in.
Knee Travel.....	16-3/4 in.
Ram Travel.....	19 in.
Ram Swivel Angle.....	360 deg.
Head Travel.....	5 in.
Head Swivel.....	Left and Right 90 deg.
Head Tilt.....	Left and Right 45 deg.
Turret Or Column Swivel.....	360 deg.
Max. Dist Spindle To Column.....	24-1/2 in.
Max. Dist Spindle To Table.....	17 in.
Drilling Cap For Cast Iron.....	1-1/4 in.
Drilling Cap For Steel.....	1 in.
No. Of Vert. Spindle Speeds.....	Variable
Range Of Vert. Spindle Speeds.....	80 - 4250 RPM
No. Of Longitudinal Feeds.....	Variable
Feed Rate.....	0 - 140 RPM
Quill Dia.....	3-3/8 in.
Quill Feed Rates.....	0.0019, 0.0035, 0.0058 in.

**Table Info**

Table Length.....	54 in.
Table Width.....	10 in.
Table Thickness.....	2-3/4 in.
No. Of T Slots.....	3
T Slots Width.....	5/8 in.
T Slots Height.....	7/8 in.
T Slots Centers.....	2-1/2 in.
Stud Size.....	1/2 in.

**Spindle Info**

Spindle Taper.....	R-8
Spindle Size.....	5/8 in.
End Milling Cap.....	1 in.
Face Milling Cap.....	3 in.
Draw Bar Diameter.....	7/16 in.
Draw Bar TPI.....	20
Draw Bar Length.....	20-1/2 in.
Spindle Bearings.....	Angular Contact

**Lead Screw Info**

Lead Screw Diameter.....	1-1/4 in.
Lead Screw TPI.....	5
Lead Screw Length.....	61 in.

**Construction**

Spindle Housing Const.....	Cast Iron
Table Const.....	Ground Cast Iron
Head Const.....	Cast Iron
Column Const.....	Cast Iron
Base Const.....	Cast Iron
Paint.....	Epoxy

**Other**

Collars Calibrated.....	0.001 in.
-------------------------	-----------

**Other Specifications:**

Country Of Origin ..... China  
Warranty ..... 1 Year  
Serial Number Location ..... Front of Knee  
Assembly Time ..... 1-1/2 hours

**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